

STELLENBOSCH UNIVERSITY

RESEARCH REPORT 2015

Editor: Senior Director
(Research and Innovation)
Dr Therina Theron
Stellenbosch University
Stellenbosch
7602

CONTENTS

| | |
|--|-----------|
| CONTENTS | i |
| FACULTY OF AGRISCIENCES | 1 |
| AGRICULTURAL ECONOMICS | 1 |
| AGRONOMY | 2 |
| ANIMAL SCIENCES | 3 |
| CONSERVATION ECOLOGY AND ENTOMOLOGY | 6 |
| FOOD SCIENCE | 12 |
| FOREST AND WOOD SCIENCE | 15 |
| GENETICS | 17 |
| HORTICULTURAL SCIENCE | 19 |
| PLANT PATHOLOGY | 22 |
| SOIL SCIENCE | 24 |
| VITICULTURE AND OENOLOGY | 25 |
| INSTITUTE FOR PLANT BIOTECHNOLOGY | 27 |
| INSTITUTE FOR WINE BIOTECHNOLOGY | 27 |
| FACULTY OF ARTS AND SOCIAL SCIENCES | 30 |
| AFRICAN LANGUAGES | 30 |
| AFRIKAANS AND DUTCH | 30 |
| ANCIENT STUDIES | 33 |
| DRAMA | 35 |
| ENGLISH | 35 |
| GENERAL LINGUISTICS | 37 |
| GEOGRAPHY AND ENVIRONMENTAL STUDIES | 38 |
| HISTORY | 41 |
| INFORMATION SCIENCE | 43 |
| JOURNALISM | 45 |
| MODERN FOREIGN LANGUAGES | 46 |
| MUSIC | 49 |
| PHILOSOPHY | 49 |
| POLITICAL SCIENCE | 50 |
| PSYCHOLOGY | 52 |
| SOCIAL WORK | 57 |
| SOCIOLOGY AND SOCIAL ANTHROPOLOGY | 58 |
| VISUAL ARTS | 61 |
| CENTRE FOR CHINESE STUDIES | 61 |
| CENTRE FOR KNOWLEDGE DYNAMICS AND DECISION-MAKING | 62 |
| CENTRE FOR RESEARCH ON EVALUATION, SCIENCE & TECHNOLOGY (CREST) .. | 62 |
| FACULTY OF ECONOMIC AND MANAGEMENT SCIENCES | 65 |
| BUSINESS MANAGEMENT | 65 |
| ECONOMICS | 66 |

| | |
|--|------------|
| INDUSTRIAL PSYCHOLOGY..... | 70 |
| LOGISTICS..... | 70 |
| SCHOOL FOR PUBLIC LEADERSHIP | 73 |
| SCHOOL OF ACCOUNTANCY..... | 76 |
| STATISTICS AND ACTUARIAL SCIENCE | 79 |
| UNIVERSITY OF STELLENBOSCH BUSINESS SCHOOL (USB) | 82 |
| BUREAU FOR ECONOMIC RESEARCH..... | 86 |
| FACULTY OF EDUCATION | 87 |
| CURRICULUM STUDIES..... | 87 |
| EDUCATION POLICY STUDIES | 89 |
| EDUCATIONAL PSYCHOLOGY | 91 |
| SPORT SCIENCE..... | 92 |
| SUNCEP (STELLENBOSCH UNIVERSITY CENTRE FOR PEDAGOGY) | 93 |
| FACULTY OF ENGINEERING | 94 |
| CIVIL ENGINEERING..... | 94 |
| ELECTRIC AND ELECTRONIC ENGINEERING | 98 |
| INDUSTRIAL ENGINEERING | 108 |
| MECHANICAL AND MECHATRONIC ENGINEERING | 115 |
| PROCESS ENGINEERING..... | 121 |
| FACULTY OF MEDICINE AND HEALTH SCIENCES | 126 |
| ANAESTHESIOLOGY AND CRITICAL CARE..... | 126 |
| ANATOMICAL PATHOLOGY..... | 126 |
| ANATOMY AND HISTOLOGY..... | 128 |
| CARDIOTHORACIC SURGERY | 128 |
| CHEMICAL PATHOLOGY..... | 128 |
| CLINICAL PHARMACOLOGY | 130 |
| COMMUNITY HEALTH..... | 130 |
| DERMATOLOGY..... | 134 |
| EMERGENCY MEDICINE | 134 |
| FAMILY MEDICINE AND PRIMARY CARE..... | 134 |
| FORENSIC MEDICINE..... | 141 |
| HAEMATOLOGICAL PATHOLOGY..... | 141 |
| HUMAN NUTRITION | 142 |
| INTERNAL MEDICINE | 143 |
| MEDICAL MICROBIOLOGY | 148 |
| MEDICAL PHYSIOLOGY..... | 150 |
| MEDICAL VIROLOGY | 152 |
| MOLECULAR BIOLOGY AND HUMAN GENETICS | 153 |
| NEUROSURGERY | 161 |
| NUCLEAR MEDICINE | 161 |
| NURSING SCIENCE | 162 |
| OBSTETRICS AND GYNAECOLOGY | 163 |
| OCCUPATIONAL THERAPY | 167 |
| OPHTHALMOLOGY | 167 |
| ORTHOPAEDIC SURGERY | 168 |

| | |
|---|-----|
| OTORHINOLARYNGOLOGY | 169 |
| PAEDIATRIC SURGERY | 169 |
| PEDIATRICS AND CHILD HEALTH | 169 |
| PHYSIOTHERAPY | 178 |
| PSYCHIATRY | 179 |
| RADIOLOGY | 184 |
| RADIATION ONCOLOGY | 185 |
| RADIODIAGNOSIS | 185 |
| SPEECH-LANGUAGE AND HEARING THERAPY | 186 |
| SURGERY | 187 |
| UKWANDA (CENTRE FOR RURAL HEALTH)..... | 188 |
| UROLOGY | 188 |
| CENTRE FOR EVIDENCE-BASED HEALTH CARE | 188 |
| CENTRE FOR HEALTH PROFESSIONS EDUCATION | 193 |
| CENTRE FOR MEDICAL ETHICS & LAW | 194 |
| CENTRE FOR REHABILITATION STUDY..... | 194 |
| | |
| FACULTY OF LAW | 196 |
| MERCANTILE LAW | 196 |
| PRIVATE LAW | 198 |
| PUBLIC LAW | 202 |
| | |
| FACULTY OF MILITARY SCIENCE..... | 205 |
| ACCOUNTING AND AUDITING (MIL.)..... | 205 |
| DEAN'S OFFICE (MILITARY SCIENCE) | 205 |
| ECONOMICS (MIL.)..... | 209 |
| EDUCATIONAL TECHNOLOGY (EDUTECH) | 209 |
| INDUSTRIAL PSYCHOLOGY (MIL.)..... | 209 |
| LANGUAGE (MIL.) | 209 |
| MATHEMATICS (MIL.)..... | 209 |
| MERCANTILE LAW (MIL.) AND CRIMINAL LAW (MIL.) | 210 |
| MILITARY HISTORY..... | 210 |
| MILITARY MANAGEMENT | 210 |
| MILITARY STRATEGY | 210 |
| NAUTICAL SCIENCE..... | 211 |
| PHYSICS (MIL.)..... | 211 |
| POLITICAL SCIENCE (MIL) | 212 |
| PUBLIC AND DEVELOPMENT MANAGEMENT (MIL) | 212 |
| CENTRE FOR MILITARY STUDIES..... | 213 |
| | |
| FACULTY OF SCIENCE | 214 |
| APPLIED MATHEMATICS..... | 214 |
| BIOCHEMISTRY | 214 |
| BOTANY AND ZOOLOGY | 218 |
| CHEMISTRY & POLYMER SCIENCE | 230 |
| COMPUTER SCIENCE | 237 |
| EARTH SCIENCES..... | 239 |
| MATHEMATICS..... | 242 |

| | |
|---|------------|
| MICROBIOLOGY..... | 246 |
| PHYSICS..... | 249 |
| PHYSIOLOGICAL SCIENCE | 253 |
| CENTRAL ANALYTICAL FACILITY..... | 255 |
| INSTITUTE OF THEORETICAL PHYSICS..... | 256 |
| SACEMA (SA CENTRE FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS) | 258 |
| FACULTY OF THEOLOGY | 261 |
| OLD AND NEW TESTAMENT | 261 |
| PRACTICAL THEOLOGY AND MISSIOLOGY | 265 |
| SYSTEMATIC THEOLOGY AND ECCLESIOLOGY..... | 269 |
| GENERAL | 273 |
| BOTANICAL GARDEN | 273 |
| CAMPUS HEALTH SERVICE..... | 273 |
| CENTRE FOR LEARNING TECHNOLOGIES..... | 273 |
| CENTRE FOR PROSPECTIVE STUDENTS..... | 273 |
| CENTRE FOR STUDENT COUNSELLING AND DEVELOPMENT (CSCD)..... | 274 |
| CENTRE FOR TEACHING AND LEARNING | 274 |
| DIVISION FOR COMMUNITY INTERACTION | 274 |
| LANGUAGE CENTRE | 275 |
| LIBRARY & INFORMATION SERVICE | 275 |
| STELLENBOSCH INSTITUTE FOR ADVANCED STUDY (STIAS) | 275 |

FACULTY OF AGRISCIENCES

AGRICULTURAL ECONOMICS

Journal articles

1. BRUWER J. Service performance and satisfaction in a South African festivalscape. *Anatolia-An International Journal of Tourism and Hospitality Research*, 2015; **26**(3):434-446.
2. CONRADIE B, PIESSE J. Productivity benchmarking of free-range sheep operations: Technical efficiency, correlates of productivity and dominant technology variants for Laingsburg, South Africa. *Agrekon* 2015; **54**(2):1-17.
3. DJALILOV K, PIESSE J. The determinants of bank efficiency in central Asia. *Corporate Ownership and Control* 2014; **12**(1):656-670.
4. GREYLING JC, VINK N, MBAYA E. South Africa's Agricultural sector twenty years after democracy (1994-2013). *Professional Agricultural Workers Journal* 2015; **3**(1):1-14.
5. HAGGBLADE S, STAATZ J, BOUGHTON D, DIALLO D, MEYER F, MINDE IJ, TRAUB LN, TSCHIRLEY D. Regional dimensions of South Africa's CAADP process: Lessons from West Africa. *African Journal of Agricultural and Resource Economics* 2015; **10**(1):32-50.
6. HEARN H, PIESSE J. The impact of firm size and liquidity on the cost of external finance in Africa. *South African Journal of Economics* 2015; **83**(1):1-22.
7. OKAFAR G, PIESSE J, WEBSTER A. The motives for inward FDI into Sub-Saharan African countries. *Journal of Policy Modeling* 2015; **37**:875-890.
8. RONQUEST-ROSS L, VINK N, SIGGE GO. Food consumption changes in South Africa since 1994. *South African Journal of Science* 2015; **111**(9/10): Art. #2014-0354, 12 pages.
9. ROY AKD, ALAM K, GOW JA. An empirical analysis of conservation practices, management and sustainability in the Sundarbans Mangrove Forest, Bangladesh. *International Journal Environment and sustainable Development* 2015; **14**(4):332-340.
10. ROY AKD, GOW JA. Attitudes towards current and alternative management of the Sundarbans Mangrove Forest, Bangladesh to achieve sustainability. *Journal of Environmental Planning and Management* 2015; **58**(2):213-228.
11. SAKER MAR, ALAM K, GOW JA. Assessing the effects of climate change on rice yields: An econometric investigation using Bangladeshi panel data. *Economic analysis and Policy* 2015; **44**:405-416.
12. SALAHUDDIN M, GOW JA. The relationship between economic growth and remittances in the presence of cross sectional dependence. *Journal of Developing Areas* 2015; **49**(1):207-221.
13. SALAHUDDIN M, GOW JA, OZTURK I. Is the long-run relationship between economic growth, electricity consumption, carbon dioxide emissions and financial development in Gulf Cooperation Council Countries robust? *Renewable & Sustainable Energy Reviews* 2015; **51**:317-326.
14. TSCHIRLEY D, SNYDER J, DOLISLAGER M, REARDON T, HAGGBLADE S, GOEB J, TRAUB LN, EJOBI F, MEYER F. Africa's Unfolding diet

- transformation: Implications for Agrifood system employment. *Journal of Agribusiness in Developing and Emerging Economics* 2015; **5**(1):1-48.
15. UDDIN G, ALAM K, GOW JA. Estimating the relationship between grain crop consumption in Australia and environmental sustainability. *Journal of Developing Areas* 2015; **49**(6):49-60.
 16. ZHANG X, PIESSE J, FILATOTCHEV I. Family control, multiple institutional block-holders, and informed trading. *European Journal of Finance* 2015; **21**(10-11):826-847.

Chapters in books

1. TRAUB LN. The role of government in ensuring a level playing field: The case of South Africa's competition commission and the maize milling industry. In: Christy R, Da Silva C, Mhlanga N, Mbaya E, Tihanyi K (eds.) *Innovative Institutions, Public Policies and Private Strategies for Agro-Enterprise Development*, The Food and Agriculture Organization of the United Nations/World Scientific Publishing Co. Pt. Ltd. Singapore, 2015: 277-312.

AGRONOMY

Journal articles

1. BOTHA PR, ZULU LB, VAN DER COLF J, SWANEPOEL PA. Production potential of Italian and Westerwolds ryegrass established at different planting dates. *African Journal of Range and Forage Science* 2015; **32**(2):153-160.
2. DERBYSHIRE G, HOFFMAN EW, KEMPEN E. The role of nutrient solution composition on the uptake of nutrients, growth and vase life of tulips grown hydroponically under South African conditions. *South African Journal of Plant and Soil* 2015; **32**(3):129-137.
3. NGEZIMANA W, AGENBAG GA. The effect of nitrogen and sulphur on the agronomical and water use efficiencies of canola (*Brassica napus* L.) grown in selected localities of the Western Cape province, South Africa. *South African Journal of Plant and Soil* 2015; **32**(2):71-76.
4. SHOKO M, PIETERSE PJ, AGENBAG GA. Effect of superphosphate and mucuna (*Mucuna pruriens*) management options on soil organic matter, soil pH and physical properties of a kaolinitic sandy loam soil in Zimbabwe. *Legume Research* 2015; **38**(2):241-245.
5. SWANEPOEL PA, BOTHA PR, DU PREEZ CC, SNYMAN HA. A critical view on the soil fertility status of minimum-till kikuyu-ryegrass pastures in South Africa. *African Journal of Range and Forage Science* 2015; **32**(2):113-124.
6. SWANEPOEL PA, BOTHA PR, DU PREEZ CC, SNYMAN HA, HABIG J. Assessment of tillage effects on soil quality of pastures in South Africa with indexing methods. *Soil Research* 2015; **53**(3):274-285.
7. SWANEPOEL PA, BOTHA PR, DU PREEZ CC, SNYMAN HA, LABUSCHAGNE J. Managing cultivated pastures for improving soil quality in South Africa: challenges and opportunities. *African Journal of Range and Forage Science* 2015; **32**(2):91-96.
8. SWANEPOEL PA, SANDERSON MA, BELL LW, THOMAS DT, BENNETT JE. Southern African pasture science in the 21st century. *African Journal of Range and Forage Science* 2015; **32**(2): iii-iv.

Proceedings national

1. VAN DER COLF J, BOTHA PR, SWANEPOEL PA. Optimising pasture growth through technology. SA Large Herds Conference 2015, Port Elizabeth, South Africa, SA Large Herds 2015: 9-17.

ANIMAL SCIENCES

Journal articles

1. BONATO M, CHERRY MI, CLOETE SWPVDM. Mate choice, maternal investment and implications for ostrich welfare in a farming environment. *Applied Animal Behaviour Science* 2015; **171**:1-7.
2. BRAND TS, TESSELAAR GA, HOFFMAN LC, BRAND Z. Effect of cottonseed oilcake as a protein source on production of breeding ostriches. *British Poultry Science* 2015; **56**(3):325-329.
3. BRAND Z, CLOETE SWPVDM. An exploratory analysis to determine the impact of fixed effects and to establish genetic parameters across six types of ostrich feathers. *South African Journal of Animal Science* 2015; **45**(1):20-29.
4. CAWTHORN D, DUNCAN J, KASTERN C, FRANCIS J, HOFFMAN LC. Fish species substitution and misnaming in South Africa: An economic, safety and sustainability conundrum revisited. *Food Chemistry* 2015; **185**:165-181.
5. CAWTHORN D, HOFFMAN LC. The bushmeat and food security nexus: A global account of the contributions, conundrums and ethical collisions. *Food Research International* 2015; **76**:906-925.
6. CHAGUNDA MGG, GIBSON JP, DZAMA K, REGE JEO. Options for enhancing efficiency and effectiveness of research capacity for livestock genetics in, and for, sub-Saharan Africa. *Animal Genetics Resources* 2015; **56**:145-153.
7. CRUYWAGEN CW, CALITZ T. In Vitro degradation of melamine by ruminal microorganisms. *South African Journal of Animal Science* 2015; **45**(2):137-142.
8. CRUYWAGEN CW, TAYLOR S, BEYA M, CALITZ T. The effect of buffering dairy cow diets with limestone, calcareous marine algae, or sodium bicarbonate on ruminal pH profiles, production responses, and rumen fermentation. *Journal of Dairy Science* 2015; **98**:5506-5514.
9. DREW DJW, PIETERSE E. Markets, money and maggots. *Journal of Insects as Food and Feed* 2015; **1**(3):227-231.
10. DUGAN MER, VAHMANI P, MAPIYE C, AALHUS JL, PRIETO N, UTTARO B, BLOCK HC. "Farming Beef Fatty Acids: from conjugated linoleic acid to beyond" *Bull Breeders - Prairie Post* 2015; **February**: A16-A17.
11. DUGAN MER, VAHMANI P, TURNER TD, MAPIYE C, JUAREZ M, PRIETO N, BEAULIEU AD, ZIJLSTRA RT, PATIENCE JE, AALHUS JL. Pork as a source of omega-3 (n-3) fatty acids. *Journal of Clinical Medicine* 2015; **4**:1999-2011.
12. GELDENHUYS G, HOFFMAN LC, MULLER M. The fatty acid, amino acid, and mineral composition of Egyptian goose meat as affected by season, gender, and portion. *Poultry Science* 2015; **94**:1075-1087.
13. HOFFMAN LC, VAN SCHALKWYK DL, MCMILLIN KW, KOTRBA R. Intramuscular fat characteristics of Namibian common eland (*Tragelaphus oryx*). *African Journal of Wildlife Research (formerly: South African Journal of Wildlife Research)* 2015; **45**(3):312-320.
14. HORBANCZUK JO, POLAWSKA E, WOJCIK A, HOFFMAN LC. Influence of frozen storage on the fatty acid composition of ostrich meat enriched with

- linseed and rapeseed. South African Journal of Animal Science 2015; **45**(2):129-136.
15. HOUGH D, STORBECK K, CLOETE SWPVDM, SWART AC, SWART P. Relative contribution of P450c17 towards the acute cortisol response: Lessons from sheep and goats. Molecular and Cellular Endocrinology 2015; **408**:107-113.
 16. IMBAYARWO-CHIKOSI VE, DZAMA K, HALIMANI TE, VAN WYK JB, MAIWASHE AN, BANGA CB. Genetic prediction models and heritability estimates for functional longevity in dairy cattle. South African Journal of Animal Science 2015; **45**(2):105-121.
 17. JONES MS, HOFFMAN LC, MULLER M. Oxidative stability of blesbok, springbok and fallow deer droëwors with added rooibos extract. South African Journal of Science 2015; **111**(11/12): Art. #2014-0347, 8 pages.
 18. JONES MS, HOFFMAN LC, MULLER M. Effect of rooibos extract (*Aspalathus linearis*) on lipid oxidation over time and the sensory analysis of blesbok (*Damaliscus pygargus phillipsi*) and springbok (*Antidorcas marsupialis*) droëwors. Meat Science 2015; **103**:54-60.
 19. KANENGONI AT, CHIMONYO M, NDIRIMBA BK, DZAMA K. Potential of using maize cobs in pig diets - a review. Asian-Australasian Journal of Animal Sciences 2015; **28**(12):1669-1679.
 20. KANENGONI AT, CHIMONYO M, TASARA T, CORMICAN P, CHAPWANYA A, NDIRIMBA BK, DZAMA K. A comparison of faecal microbial populations of South African Windsnyer-type indigenous pigs (SAWIPs) and Large White x Landrace (LW x LR) crosses fed diets containing ensiled maize cobs. FEMS Microbiology Letters 2015; **362**:1-8.
 21. KILBOURNE BM, HOFFMAN LC. Energetic benefits and adaptations in mammalian limbs: Scale effects and selective pressures. Evolution 2015; **69**(6):1546-1559.
 22. KNAPP JL, BRIDGES CR, KROHN J, HOFFMAN LC, AUERSWALD L. Acid-base balance and changes in haemolymph properties of the South African rock lobsters, *Jasus lalandii*, a palinurid decapod, during chronic hypercapnia. Biochemical and Biophysical Research Communications 2015; **461**:475-480.
 23. LAUBSCHER LL, HOFFMAN LC, PITTS NI, RAATH JP. Validating a human biotelemetry system for use in captive blue wildebeest (*Connochaetes taurinus*). Zoo Biology 2015; **34**(4): 321-327.
 24. LAUBSCHER LL, PITTS NI, RAATH JP, HOFFMAN LC. Non-chemical techniques used for the capture and relocation of wildlife in South Africa. African Journal of Wildlife Research (formerly: South African Journal of Wildlife Research) 2015; **45**(3):275-286.
 25. MADZIMURE J, CHIMONYO M, DZAMA K, GARNETT ST, ZANDER KK. Classical swine fever changes the way farmers value pigs in South Africa. Journal of Agricultural Economics 2015; **66**(3):812-831.
 26. MAPANDA C, HOFFMAN LC, MELLETT FD, MULLER M. Effect of pork rind and soy protein on polony sensory attributes. Journal of Food Processing & Technology 2015; **6**(2): 1000417, 8 pages.
 27. MAPIYE C, VAHMANI P, AALHUS JL, ROLLAND DC, BARON VS, MCALLISTER TA, BLOCK HC, UTTARO B, DUGAN MER. Fatty acid composition of beef steers as affected by diet and fat depot. South African Journal of Animal Science 2015; **45**(4):386-394.
 28. MAPIYE C, VAHMANI P, MLAMBO V, MUCHENJE V, DZAMA K, HOFFMAN LC, DUGAN MER. The trans-octadecenoic fatty acid profile of beef: Implications

- for global food and nutrition security. *Food Research International* 2015; **76**:992-1000.
29. MLAMBO V, MAPIYE C. Towards household food and nutrition security in semi-arid areas: What role for condensed tannin-rich ruminant feedstuffs? *Food Research International* 2015; **76**(4):953-961.
 30. MPETILE Z, CLOETE SWPVDM, KRUGER ACM, DZAMA K. Environmental and genetic factors affecting faecal worm egg counts in Merinos divergently selected for reproduction. *South African Journal of Animal Science* 2015; **45**(5):510-520.
 31. NANTAPO CWT, MUCHENJE V, NKUKWANA TT, HUGO A, DESCALZO A, GRIGIONI G, HOFFMAN LC. Socio-economic dynamics and innovative technologies affecting health-related lipid content in diets: Implications on global food and nutrition security. *Food Research International* 2015; **76**:896-905.
 32. NEEDHAM T, HOFFMAN LC. Carcass traits and cutting yields of entire and immunocastrated pigs fed increasing protein levels with and without ractopamine hydrochloride supplementation. *Journal of Animal Science* 2015; **93**:4545-4556.
 33. NEEDHAM T, HOFFMAN LC. Physical meat quality and chemical composition of the *Longissimus thoracis* of entire and immunocastrated pigs fed varying dietary protein levels with and without ractopamine hydrochloride. *Meat Science* 2015; **110**:101-108.
 34. NKUKWANA TT, MUCHENJE V, MASIKA PJ, PIETERSE E, HOFFMAN LC, DZAMA K. Proximate composition and variation in colour, drip loss and pH of breast meat from broilers supplemented with *Moringa oleifera* leaf meal over time. *Animal Production Science* 2016; **56**: 1208-1216.
 35. NORTH MK, FRYLINCK L, HOFFMAN LC. The physical and biochemical changes in springbok (*Antidorcas marsupialis*) *Longissimus thoracis et lumborum* and *Biceps femoris* muscle during ageing. *Meat Science* 2015; **110**:145-152.
 36. NORTH MK, HOFFMAN LC. Changes in springbok (*Antidorcas marsupialis*) *Longissimus thoracis et lumborum* muscle during conditioning as assessed by a trained sensory panel. *Meat Science* 2015; **108**:1-8.
 37. NORTH MA, LANE EP, MARNEWICK K, CALDWELL P, CARLISLE G, HOFFMAN LC. Suspected lead poisoning in two captive cheetahs (*Acinonyx jubatus jubatus*) in South Africa, in 2008 and 2013. *Journal of the South African Veterinary Association* 2015; **86**(1):1-5.
 38. O NEILL B, LE ROUX A, HOFFMAN LC. Comparative study of the nutritional composition of wild versus farmed yellowtail (*Seriola lalandi*). *Aquaculture* 2015; **448**:169-175.
 39. TURNER TD, AALHUS JL, MAPIYE C, ROLLAND DC, LARSEN IL, BASARAB JA, BARON VS, MCALLISTER TA, BLOCK HC, UTTARO B, DUGAN MER. Effects of diets supplemented with sunflower or flax seeds on quality and fatty acid profile of hamburgers made with perirenal or subcutaneous fat. *Meat Science* 2015; **99**:123-131.
 40. TURNER TD, MEADUS WJ, MAPIYE C, VAHMANI P, LOPEZ-CAMPOS O, DUFF P, ROLLAND DC, CHURCH JS, DUGAN MER. Isolation of α -linolenic acid biohydrogenation products by combined silver ion solid phase extraction and semi-preparative high performance liquid chromatography. *Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences* 2015; **980**:34-40.

41. VAHMANI P, MAPIYE C, PRIETO N, ROLLAND DC, MCALLISTER TA, AALHUS JL, DUGAN MER. The scope for manipulating the polyunsaturated fatty acid content of beef: a review. *Journal of Animal Science and Biotechnology* 2015; **29**(6):1-13.
42. VAHMANI P, MEADUS WJ, MAPIYE C, DUFF P, ROLLAND DC, DUGAN MER. Double bond position plays an important role in Delta-9 desaturation and lipogenic properties of Trans 18:1 Isomers in mouse adipocytes. *Lipids* 2015; **50**(12):1253-1258.
43. VAHMANI P, MEADUS WJ, TURNER TD, DUFF P, ROLLAND DC, MAPIYE C, DUGAN MER. Individual trans 18:1 Isomers are metabolised differently and have distinct effects of Lipogenesis in 3T3-L1 Adipocytes. *Lipids* 2015; **50**:195-204.
44. VAN AMBURGH ME, COLLAO-SAENZ EA, HIGGS RJ, ROSS DA, RECKTENWALD EB, RAFFRENATO E, CHASE LR, OVERTON TR, MILLS JK, FOSKOLOS A. The Cornell Net Carbohydrate and Protein System: Updates to the model and evaluation of version 6.5. *Journal of Dairy Science* 2015; **98**:6361-6380.
45. VAN MARLE-KÖSTER E, VISSER C, MAKGAHLELA M, CLOETE SWPVDM. Genomic technologies for food security: A review of challenge and opportunities in South Africa. *Food Research International* 2015; **76**:971-979.
46. WANG MD, DZAMA K, HEFER CA, MUCHADEYI FC. Genomic population structure and prevalence of copy number variations in South African Nguni cattle. *BMC Genomics* 2015; **16**:894, 16 pages.

Proceedings international

1. CLOETE SWPVDM, BONATO M, MALECKI IA, STOFBERG AMJ. Quantifying between animal variation for male semen traits and female egg traits in an ostrich flock used to develop an artificial insemination protocol. In: MacLeod I (ed.) Association for the Advancement of Animal Breeding and Genetics, Lorne, Victoria, Australia, AAABG 2015: 1-4.
2. CLOETE SWPVDM, CLOETE JJE. Production performance of Merino and Dohne Merino ewes and lambs in pure or crossbreeding system. In: MacLeod I (ed.) Association for the Advancement of Animal Breeding and Genetics, Lorne, Victoria, Australia, AAABG 2015: 1-8.
3. MULLER CJC, POTGIETER JP, CLOETE SWPVDM, BOTHA JA. Reproductive performance of Holstein and Jersey Heifers and cows in a pasture-based system in South Africa. In: MacLeod I (ed.) Association for the Advancement of Animal Breeding and Genetics, Lorne, Victoria, Australia, AAABG 2015: 1-4.
4. SANDENBERGH L, CLOETE SWPVDM, ROODT-WILDING R, SNYMAN MA, VAN DER MERWE AE. Genetic diversity and population structure of four South African sheep breeders. In: MacLeod I (ed.) Association for the Advancement of Animal Breeding and Genetics, Lorne, Victoria, Australia, AAABG 2015: 1-5.

CONSERVATION ECOLOGY AND ENTOMOLOGY

Journal articles

1. ALEXANDER ME, RAVEN HJ, ROBINSON T. Foraging decisions of a native whelk, *Trochias cingulate* Linnaeus, and the effects of invasive mussels on prey choice. *Journal of Experimental Marine Biology and Ecology* 2015; **470**:26-33.

2. ALLARDICE RP, KAPP C, BOTHA A, VALENTINE AJ. Optimizing Vermicompost Concentrations for the N Nutrition and Production of the Legume *Lupinus angustifolius*. *Compost Science & Utilization* 2015; **23**(4):217-236.
3. AYLWARD J, DREYER LL, STEENKAMP ET, WINGFIELD MJ, ROETS F. Long-distance dispersal and recolonization of a fire-destroyed niche by a mite-associated fungus. *Fungal Biology* 2015; **119**:245-256.
4. AYLWARD J, DREYER LL, STEENKAMP ET, WINGFIELD MJ, ROETS F. *Knoxdaviesia proteae* is not the only *Knoxdaviesia*-symbiont of *Protea repens*. *IMA Fungus* 2015; **6**(2):471–476.
5. BARNARD K, KRASNOV BR, GOFF L, MATTHEE S. Infracommunity dynamics of chiggers (Trombiculidae) parasitic on a rodent. *Parasitology* 2015; **142**:1-7.
6. BARNES BN, HOFMEYR JH, GROENEWALD S, CONLONG DE, WOHLFARTER M. The sterile insect technique in agricultural crops in South Africa: a metamorphosis but will it fly? *African Entomology* 2015; **23**:1-18.
7. BELTRÀ A, ADDISON P, ÁVALOS JA, CROCHARD D, GARCIA-MARÍ F, GUERRIERI E, GILIOMEE JH, MALAUSA T, NAVARRO-CAMPOS1 C, PALERO F, SOTO A. Guiding classical biological control of an invasive mealybug using integrative taxonomy. *PLoS ONE* 2015; **10**(6): e0128685, 14 pages.
8. BOARDMAN L, SORENSEN JG, TERBLANCHE JS. Physiological and molecular mechanisms associated with cross tolerance between hypoxia and low temperature in *Thaumatotibia leucotreta*. *Journal of Insect Physiology* 2015; **82**:75-84.
9. BOARDMAN L, TERBLANCHE JS. Oxygen safety margins set thermal limits in an insect model system. *Journal of Experimental Biology* 2015; **218**:1677-1685.
10. BRIED JT, HASSALL C, SIMAIKA JP, CORSER JD, WARE J. Directions in dragonfly applied ecology and conservation science. *Freshwater Science* 2015; **34**(3):1020-1022.
11. BRIED JT, SAMWAYS MJ. A review of odonatology in freshwater applied ecology and conservation science. *Freshwater Science* 2015; **3**:1023-1031.
12. CROUS CJ, PRYKE JS, SAMWAYS MJ. Conserving a geographically isolated *Charaxes* butterfly in response to habitat fragmentation and invasive alien plants. *Koedoe* 2015; **57**: Art. #1297, 9 pages.
13. DOMISCH S, JÄHNIG SC, SIMAIKA JP, KUEMMERLEN M, STOLL S. Application of species distribution models in stream ecosystems: the challenges of spatial and temporal scale, environmental predictors and species occurrence data. *Fundamental and Applied Limnology* 2015; **186**:45-61.
14. DREXLER F, CORMAN VM, MATTHEE S, PREISER W, ET AL. Evolutionary origins of hepatitis A virus in small mammals. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**:15190-15195.
15. ESLER KJ, VON STADEN L, MIDGLEY GF. Determinants of the Fynbos/Succulent Karoo biome boundary: Insights from a reciprocal transplant experiment. *South African Journal of Botany* 2015; **101**:120-128.
16. GAIGHER R, PRYKE JS, SAMWAYS MJ. High parasitoid diversity in remnant natural vegetation, but limited spillover into the agricultural matrix in South African vineyard agroecosystems. *Biological Conservation* 2015; **186**:69-74.
17. GLAZIER DS, KLEYNHANS E. Arboreal herbivory by a semi-terrestrial South African isopod crustacean, *Tylos capensis* Krauss (Isopoda: Tylidae), on the bietou bush, *Chrysanthemoides monilifera* (L.) Norlindh. *African Invertebrates* 2015; **56**:729-738.

18. GRANT PBC, SAMWAYS MJ. Acoustic prey and a listening predator: interaction between calling katydids and the bat-eared fox. *Bioacoustics-The International Journal of Animal Sound and Its Recording* 2015; **24**:49-61.
19. GRIESHABER BJ, TERBLANCHE JS. A computational model of insect discontinuous gas exchange: A two-sensor, control systems approach. *Journal of Theoretical Biology* 2015; **374**:138-151.
20. GROUT TG, STEPHEN PR, DANEEL JH, HATTINGH V. Cold Treatment of *Ceratitis capitata* (Diptera: Tephritidae) in Oranges Using a Larval Endpoint. *Journal of Economic Entomology* 2011; **104**:1174-1179.
21. HATTINGH V, STOTTER RL, SAMWAYS MJ. Preparing the way for sterile insect release: Determination of false codling moth distribution across a landscape mosaic. *Crop Protection* 2014; **40**:1-4.
22. HEELEMANN S, VERONIKA C, KRUG CB, ESLER KJ, POSCHLOD P, REISCH C. Genetic variation of two species with different life-history traits in the endangered renosterveld of South Africa - a comparative analysis of *Eriocephalus africanus* and *Hemimeris racemosa*. *African Journal of Ecology* 2015; **53**:447-453.
23. HEINO J, MELO AS, BINI LM, ALTERMATT F, AL-SHAMI SA, ANGELER DG, BONADA N, SIMAIKA JP, ET AL. A comparative analysis reveals weak relationships between ecological factors and beta diversity of stream insect metacommunities at two spatial levels. *Ecology and Evolution* 2015; **6**:1235-1248.
24. HILL M, MALAN AP, TERBLANCHE JS. Divergent thermal specialisation of two South African entomopathogenic nematodes. *PeerJ* 2015; **3**: e1023, 16 pages.
25. KARSTEN M, JANSEN VAN VUUREN B, ADDISON P, TERBLANCHE JS. Deconstructing intercontinental invasion history hypotheses in Mediterranean fruit flies using a Bayesian inference approach: Are port interceptions and quarantine protocols successfully preventing new invasions? *Diversity and Distributions* 2015; **21**:813-825.
26. KIETZKA GJ, PRYKE JS, SAMWAYS MJ. Landscape ecological networks are successful in supporting a diverse dragonfly assemblage. *Insect Conservation and Diversity* 2015; **8**:229-237.
27. KRUGER DHM, FOURIE JC, MALAN AP. Control Potential of Brassicaceae Cover Crops as Green Manure and their Host Status for *Meloidogyne javanica* and *Criconeoides xenoplax*. *South African Journal of Enology and Viticulture* 2015; **36**:165-174.
28. KRUGER DHM, FOURIE JC, MALAN AP. The Effect of Cover Crops and their Management on Plant-parasitic Nematodes in Vineyards. *South African Journal of Enology and Viticulture* 2015; **36**:195-209.
29. KRUGER DHM, FOURIE JC, MALAN AP. Effect of Management Practices Applied to Cover Crops with Bio-fumigation Properties on Cover Crop Performance and Weed Control in a Vineyard. *South African Journal of Enology and Viticulture* 2015; **36**:146-153.
30. LE VIEUX PD, MALAN AP. Prospects for Using Entomopathogenic Nematodes to Control the Vine Mealybug, *Planococcus ficus*, in South African Vineyards. *South African Journal of Enology and Viticulture* 2015; **36**:59-70.
31. MACHINGAMBI NM, DREYER LL, OBERLANDER KC, ROUX J, ROETS F. Death of endemic *Virgilia oroboides* trees in South Africa caused by *Diaporthe virgiliae* sp. nov. *Plant Pathology* 2015; **64**:1149-1156.

32. MAGOBA RF, SAMWAYS MJ, SIMAIKA JP. Soil compaction and surface-active arthropods in historic, agricultural, alien, and recovering vegetation. *Journal of Insect Conservation* 2015; **19**:501-508.
33. MANNETTI LM, ESLER KJ, KNIGHT AT, VANCE-BORLAND K. Understanding Social Networks to Improve Adaptive Co-Governance with the #Khomani Bushmen of the Kalahari, South Africa. *Human Ecology* 2015; **43**:481-492.
34. MANRAKHAN A, VENTER JH, HATTINGH V. The progressive invasion of *Bactrocera dorsalis* (Diptera: Tephritidae) in South Africa. *Biological Invasions* 2015; **17**:2803-2809.
35. MAREAN CW, ANDERSON RJ, BAR-MATTHEWS M, BRAUN K, CAWTHRA C, COWLING RM, ENGELBRECHT F, ESLER KJ, FISHER E, FRANKLIN J, HILL K, JANSSEN M, POTTS J, ZAHN R. A New Research Strategy for Integrating Studies of Paleoclimate, Paleoenvironment, and Paleoanthropology. *Evolutionary Anthropology* 2015; **24**:62-72.
36. MATENAAR D, BAZELET CS, HOCHKIRCH A. Simple tools for the evaluation of protected areas for the conservation of grasshoppers. *Biological Conservation* 2015; **192**:192-199.
37. MATTHEE CA, VAN DER MESCHT L, MATTHEE S. A genetic perspective on the taxonomy and evolution of the medically important flea, *Dinopsyllus ellobius* (Siphonaptera: Dinopsyllinae), and the resurrection of *Dinopsyllus abaris*. *Biological Journal of the Linnean Society* 2015; **116**:541-557.
38. MATTHEWS PGD, TERBLANCHE JS. Evolution of the mechanisms underlying insect respiratory gas exchange. *Advances in Insect Physiology* 2015; **49**:1-24.
39. MGOCHEKI N, ADDISON P. The Sublethal Effects of a Systemic Insecticide on the Vine Mealybug Parasitoids *Anagyrus* sp. near *pseudococci* (Girault) and *Coccidoxenoides perminutus* (Timberlake) (Hymenoptera: Encyrtidae). *South African Journal of Entology and Viticulture* 2015; **36**:175-179.
40. MOORE S, KIRKMAN W, HATTINGH V. The host status of lemons for the false codling moth, *Thaumatotibia leucotreta* (Meyrick) (Lepidoptera: Tortricidae) with particular reference to export protocols. *African Entomology* 2015; **23**:519-525.
41. MUSVUUGWA T, DE BEER ZW, DUONG A, DREYER LL, OBERLANDER KC, ROETS F. New species of Ophiostomatales from Scolytinae and Platypodinae beetles in the Cape Floristic Region, including the discovery of the sexual state of *Raffaelea*. *Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology* 2015; **108**:933-950.
42. NTSHOTSHO P, ESLER KJ, REYERS B. Identifying Challenges to Building an Evidence Base for Restoration Practice. *Sustainability* 2015; **7**: 15871–15881.
43. NTSHOTSHO P, PROZESKY HE, ESLER KJ, REYERS B. What drives the use of scientific evidence in decision making? The case of the South African Working for Water program. *Biological Conservation* 2015; **184**:136-144.
44. ODENDAAL D, ADDISON MF, MALAN AP. Control of codling moth (*Cydia pomonella*) (Lepidoptera: Tortricidae) in South Africa with special emphasis on using entomopathogenic nematodes. *African Entomology* 2015; **23**:257-274.
45. PARIDA M, HOFFMANN AA, HILL M. Climate change expected to drive habitat loss for two key herbivore species in an alpine environment. *Journal of Biogeography* 2015; **42**:1210-1221.
46. POTGIETER L, VAN VUUREN JH, CONLONG DE. The role of heterogeneous agricultural landscapes in the suppression of pest species following random walk dispersal patterns. *Ecological Modelling* 2015; **306**:240-246.

47. PRINGLE KL, HEUNIS JM, DE VILLIERS M. Phytosanitary host status of apples as a host for false codling moth, *Thaumatotibia leucotreta* (Meyrick) (Lepidoptera: Tortricidae). *African Entomology* 2015; **23**:234-238.
48. PRYKE JS, SAMWAYS MJ. Conserving natural heterogeneity is crucial for designing effective ecological networks. *Landscape Ecology* 2015; **30**:595-607.
49. PRYKE JS, SAMWAYS MJ, DE SAEDELEER KMMG. An ecological network is as good as a major protected area for conserving dragonflies. *Biological Conservation* 2015; **191**:537-545.
50. REBELO AJ, LE MAITRE DC, ESLER KJ, COWLING RM. Hydrological responses of a valley-bottom wetland to land-use/land-cover change in a South African catchment: making a case for wetland restoration. *Restoration Ecology* 2015; **23**:829-841.
51. REINECKE MK, BROWN CA, ESLER KJ, KING JM, KLEYNHANS MT, KIDD M. Links between Lateral Vegetation Zones and River Flow. *Wetlands* 2015; **35**(3):473-486.
52. REYERS B, NEL JL, O'FARRELL PJ, SITAS NE, NEL DC. Navigating complexity through knowledge coproduction: Mainstreaming ecosystem services into disaster risk reduction. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**:7362-7368.
53. RUWANZA S, GAERTNER M, ESLER KJ, RICHARDSON DM. Allelopathic effects of invasive *Eucalyptus camaldulensis* on germination and early growth of four native species in the Western Cape, South Africa. *Southern Forests* 2015; **77**:91-105.
54. SAMWAYS MJ. Future-proofing insect diversity. *Current Opinion in Insect Science* 2015; **12**:71-78.
55. SANDS AF, MATTHEE S, MFUNE KE, MATTHEE CA. The influence of life history and climate driven diversification on the mtDNA phylogeographic structures of two southern African *Mastomys* species (Rodentia: Muridae: Murinae). *Biological Journal of the Linnean Society* 2015; **114**:58-68.
56. SASA A, SAMWAYS MJ. Arthropod assemblages associated with wild and cultivated indigenous proteas in the Grabouw area, Cape Floristic Region. *African Entomology* 2015; **23**:19-36.
57. SCHMID B, NOTTEBROCK H, ESLER KJ, PAGEL J, PAUW CA, BOHNING-GAESE K, SCHURR FM, SCHLEUNING M. Reward quality predicts effects of bird-pollinators on the reproduction of African *Protea* shrubs. *Perspectives in Plant Ecology Evolution and Systematics* 2015; **17**:209-217.
58. SELOMANE AO, REYERS B, BIGGS R, TALLIS H, POLASKY S. Towards integrated social-ecological sustainability indicators: Exploring the contribution and gaps in existing global data. *Ecological Economics* 2015; **118**:140-146.
59. SHELTON JM, SAMWAYS MJ, DAY JA. Non-native rainbow trout change the structure of benthic communities in headwater streams of the Cape Floristic Region, South Africa. *Hydrobiologia* 2015; **745**:1-15.
60. SHELTON JM, SAMWAYS MJ, DAY JA. Predatory impact of non-native rainbow trout on endemic fish populations in headwater streams in the Cape Floristic Region of South Africa. *Biological Invasions* 2015; **17**:365-379.
61. SIMAIKA JP, SAMWAYS MJ. Predicted range shifts of dragonflies over a wide elevation gradient in the southern hemisphere. *Freshwater Science* 2015; **3**:1133-1143.

62. SIMAIKA JP, STOLL S, LORENZ AW, THOMAS G, SUNDERMANN A, HAASE P. Bundles of stream restoration measures and their effects on fish communities. *Limnologica* 2015; **55**:1-8.
63. TE BEEST M, ESLER KJ, RICHARDSON DM. Linking functional traits to impacts of invasive plant species: a case study. *Plant Ecology* 2015; **216**:293-305.
64. TERBLANCHE JS, OVERGAARD J. Introduction to the Special Issue “What sets the limit? How thermal limits, performance and preference in ectotherms are influenced by water or energy balance. *Journal of Thermal Biology* 2015; **54**:1-2.
65. TERERAI F, GAERTNER M, JACOBS SM, RICHARDSON DM. Eucalyptus camaldulensis invasion in riparian zones reveals few significant effects on soil physico-chemical properties. *River Research and Applications* 2015; **31**(5):590-601.
66. TERERAI F, GAERTNER M, JACOBS SM, RICHARDSON DM. Resilience of Invaded Riparian Landscapes: The Potential Role of Soil-Stored Seed Banks. *Environmental Management* 2015; **55**:86-99.
67. VAN DER COLFF D, DREYER LL, VALENTINE AJ, ROETS F. Invasive plant species may serve as a biological corridor for the invertebrate fauna of naturally isolated hosts. *Journal of Insect Conservation* 2015; **19**:863–875.
68. VAN DER MESCHT L, MATTHEE S, MATTHEE CA. Comparative phylogeography between two generalist flea species reveal a complex interaction between parasite life history and host vicariance: parasite-host association matters. *BMC Evolutionary Biology* 2015; **15**: 105, 15 pages.
69. VAN NIEKERK S, MALAN AP. Adjuvants to improve aerial control of the citrus mealybug *Planococcus citri* (Hemiptera: Pseudococcidae) using entomopathogenic nematodes. *Journal of Helminthology* 2015; **89**:189-195.
70. VAN ZYL C, MALAN AP. Cost-effective culturing of *Galleria mellonella* and *Tenebrio molitor* and entomopathogenic nematode production in various hosts. *African Entomology* 2015; **23**:361-375.
71. WANG H, GEERTSEMA H, VAN NIEUKERKEN EJ, LÖFSTEDT C. Identification of the Female-Produced Sex Pheromone of the Leafminer *Holocacista capensis* Infesting Grapevine in South Africa. *Journal of Chemical Ecology* 2015; **41**:724-731.

Proceedings international

1. SHOOK E, WREN C, MAREAN CW, POTTS AJ, FRANKLIN J, ENGELBRECHT F, O'NEAL D, JANSSEN M, FISCHER E, HILL K, ESLER KJ, COWLING RM, SCHEITER S, MONCRIEFF G. Paleoscape Model of Coastal South Africa during Modern Human Origins: Progress in Scaling and Coupling Climate, Vegetation, and Agent-based Models on XSEDE. *Proceedings of the XSEDE15 Conference: Scientific Advancements Enabled by Enhanced Cyberinfrastructure*, St Louis, Mo, USA, ACM 2015: Article 2, 12 pages.
2. SILINGA CN, GAUCHE P, RUDMAN J, CEBECAUER T. The South African REIPPP two-tier CSP tariff: Implications for a proposed hybrid CSP peaking system. In: Wang Z (ed.) *International Conference on Concentrating Solar Power and Chemical Energy Systems, SolarPACES 2014 (Energy Procedia)*, Beijing, China, *Journal of Power and Energy* 2015: 1431-1440.

Chapters in books

1. COSTANDIUS E, BLACKIE MAL, LEIBOWITZ BL, NELL IA, MALGAS RR, ROSOCHACKI SO, YOUNG G. Stumbling over the first hurdle? Exploring

- notions of critical citizenship at Stellenbosch University. In: Davies M, Barnett R (eds.) *The Palgrave Handbook of Critical Thinking in Higher Education*, Palgrave Macmillan, London, United Kingdom, 2015: 545-558.
2. HATTING JL, MALAN AP. Entomopathogenic Nematode Exploitation: Case Studies in Laboratory and Field Applications from South Africa. In: Campos-Herrera R (ed.) *Nematode Pathogenesis of Insects and Other Pests*, Springer, Switzerland, 2015: 477-508.
 3. HATTINGH V. Invasive Pathogens in Plant Biosecurity. Case Study: Citrus Biosecurity. In: Gordh G (ed.) *The Handbook of Plant Biosecurity*, Springer, Perth, Australia, 2014: 547-592.

FOOD SCIENCE

Journal articles

1. ARENDSE E, FAWOLE OA, OPARA UL. Effects of postharvest handling and storage on physiological attributes and quality of pomegranate fruit (*Punica granatum* L.): a review. *International Journal of Postharvest Technology and Innovation* 2015; **5**(1):13-31.
2. ARENDSE E, FAWOLE OA, OPARA UL. Discrimination of Pomegranate Fruit Quality by Instrumental and Sensory Measurements during Storage at Three Temperature Regimes. *Journal of Food Processing and Preservation* 2015; **39**:1867-1877.
3. BANDA K, CALEB OJ, JACOBS K, OPARA UL. Effect of active-modified atmosphere packaging on the respiration rate and quality pomegranate arils (cv. Wonderful). *Postharvest Biology and Technology* 2015; **109**:97-105.
4. BEELDERS T, DE BEER D, JOUBERT E. Thermal degradation kinetics modeling of benzophenones and xanthenes during high-temperature oxidation of *Cyclopia genistoides* (L.) Vent. Plant material. *Journal of Agricultural and Food Chemistry* 2015; **63**:5518-5527.
5. CALEB OJ, FAWOLE OA, MPHAHLELE RR, OPARA UL. Impact of preharvest and postharvest factors on changes in volatile compounds of pomegranate fruit and minimally processed arils - Review. *Scientia Horticulturae* 2015; **188**:106-114.
6. CRONJE A, CROUCH EM, MULLER M, THERON KI, VAN DER RIJST M, STEYN WJ. Canopy position and cold storage affects mealiness incidence and consumer preference for the appearance and eating quality of 'Forelle' pears. *Scientia Horticulturae* 2015; **194**:327-336.
7. DE BEER D, MALHERBE CJ, BEELDERS T, WILLENBURG EL, BRAND DJ, JOUBERT E. Isolation of aspalathin and nothofagin from rooibos (*Aspalathus linearis*) using high-performance countercurrent chromatography: Sample loading and compound stability considerations. *Journal of Chromatography A* 2015; **1381**:29-36.
8. GELDENUYS G, HOFFMAN LC, MULLER M. The fatty acid, amino acid, and mineral composition of Egyptian goose meat as affected by season, gender, and portion. *Poultry Science* 2015; **94**:1075-1087.
9. GIDDEY KF, KIDD M, BRITZ TJ, SIGGE GO, LAMPRECHT C. Impact of hydrogen peroxide treatment on environmental *Escherichia coli* strains. *Journal of Applied & Environmental Microbiology* 2015; **3**:49-57.

10. GUELPA A, BEVILACQUA M, MARINI F, O'KENNEDY K, GELADI P, MANLEY M. Application of Rapid Visco Analyser (RVA) viscograms and chemometrics for maize hardness characterisation. *Food Chemistry* 2015; **173**:1220-1227.
11. GUELPA A, DU PLESSIS A, KIDD M, MANLEY M. Non-destructive Estimation of Maize (*Zea mays* L.) Kernel hardness by means of an X-ray Micro-Computed Tomography (μ CT) density calibration. *Food and Bioprocess Technology* 2015; **8**:1419-1429.
12. HOFFMAN LC, VAN SCHALKWYK DL, MCMILLIN KW, KOTRBA R. Intramuscular fat characteristics of Namibian common eland (*Tragelaphus oryx*). *African Journal of Wildlife Research (formerly: South African Journal of Wildlife Research)* 2015; **45**(3):312-320.
13. HUSSEIN ZH, CALEB OJ, JACOBS K, MANLEY M, OPARA UL. Effect of perforation-mediated modified atmosphere packaging and storage duration of physicochemical properties and microbial quality of fresh minimally processed 'Acco' pomegranate arils. *LWT-Food Science and Technology* 2015; **64**:911-918.
14. HUSSEIN ZH, CALEB OJ, OPARA UL. Perforation-mediated modified atmosphere packaging of fresh and minimally processed produce - A review. *Food packaging and Shelf Life* 2015; **6**:7-20.
15. JONES MS, HOFFMAN LC, MULLER M. Effect of rooibos extract (*Aspalathus linearis*) on lipid oxidation over time and the sensory analysis of blesbok (*Damaliscus pygargus phillipsi*) and springbok (*Antidorcas marsupialis*) droëwors. *Meat Science* 2015; **103**:54-60.
16. JONES MS, HOFFMAN LC, MULLER M. Oxidative stability of blesbok, springbok and fallow deer droëwors with added rooibos extract. *South African Journal of Science* 2015; 111(11/12): Art. #2014-0347, 8 pages.
17. KAMAKURA R, SON MJ, DE BEER D, JOUBERT E, MIURA Y, YAGASAKI K. Antidiabetic effect of green rooibos (*Aspalathus linearis*) extract in cultured cells and type 2 diabetic model KK-A^y mice. *Cytotechnology* 2015; **67**:699-710.
18. MAPANDA C, HOFFMAN LC, MELLETT FD, MULLER M. Effect of pork rind and soy protein on polony sensory attributes. *Journal of Food Processing & Technology* 2015; **6**(2): 1000417, 8 pages.
19. MARINI F, DE BEER D, JOUBERT E, WALCZAK B. Analysis of variance of designed chromatographic data sets: The analysis of variance-target projection approach. *Journal of Chromatography A* 2015; **1405**:94-102.
20. MAZIBUKO SE, JOUBERT E, JOHNSON R, LOUW J, OPOKU AR, MULLER CJF. Aspalathin improves glucose and lipid metabolism in 3T3-L1 adipocytes exposed to palmitate. *Molecular Nutrition & Food Research* 2015; **59**:2199-2208.
21. MOORE JP, ZHANG S, NIEUWOUDT HH, DIVOL BT, TRYGG J, BAUER FF. A multivariate approach using attenuated total reflectance mid-infrared spectroscopy to measure the surface mannoproteins and β -glucans of yeast cell walls during wine fermentations. *Journal of Agricultural and Food Chemistry* 2015; **63**:10054-10063.
22. MORTIMER M, VISSER JAK, DE BEER D, JOUBERT E, LOUW A. Divide and conquer may not be the optimal approach to retain the desirable estrogenic attributes of the Cyclopia nutraceutical extract, SM6Met. *PLoS ONE* 2015; **10**(7): e0132950, 22 pages.
23. O'GRADY L, SIGGE GO, CALEB OJ, OPARA UL. Effects of water dipping of whole fruit on the microbial quality of minimally processed pomegranate (*Punica granatum* L.) arils during cold storage. *International Journal of Postharvest Technology and Innovation* 2015; **5**(1):1-7.

24. OPARA UL, ATUKURI J, FAWOLE OA. Application of physical and chemical postharvest treatments to enhance storage and shelf life of pomegranate fruit-A review. *Scientia Horticulturae* 2015; **197**:41-49.
25. OPARA UL, HUSSEIN ZH, CALEB OJ, MAHAJAN PV. Investigating the Effects of Perforation and Storage Temperature on Water Vapour Transmission Rate of Packaging Films: Experimental and Modelling Approaches. *Wulfenia* 2015; **22**(9):498-509.
26. ROETS C, ROSE SH, MULLER M, MANLEY M. Laboratory and commercial-scale evaluation of the effect of pure and commercial endoxylanases and endoglucanases on wheat flour bread quality. *Acta Alimentaria* 2015; **44**(2):276-288.
27. RONQUEST-ROSS L, VINK N, SIGGE GO. Food consumption changes in South Africa since 1994. *South African Journal of Science* 2015; **111**(9/10): Art. #2014-0354, 12 pages.
28. SCHULZE AE, BEELDERS T, STEENKAMP IS, ERASMUS LM, DE BEER D, JOUBERT E. Honeybush herbal teas (*Cyclopia* spp.) contribute to high levels of dietary exposure to xanthenes, benzophenones, dihydrochalcones and other bioactive phenolics. *Journal of Food Composition and Analysis* 2015; **44**:139-148.
29. UCHECHUKWU-AGUA AD, CALEB OJ, MANLEY M, OPARA UL. Effects of storage conditions and duration on physicochemical and microbial quality of the flour of two cassava cultivars (TME 419 and UMUCASS 36). *CyTA-Journal of Food* 2015; **13**(4):635-645.
30. UCHECHUKWU-AGUA AD, CALEB OJ, OPARA UL. Postharvest Handling and Storage of Fresh Cassava Root and Products: A Review. *Food and Bioprocess Technology* 2015; **8**:729-748.
31. VAN DER MERWE A, MULLER M, VAN DER RIJST M, LABUSCHAGNE I, NAES T, STEYN WJ. Impact of appearance on degree of liking and eating quality expectations of selected apple cultivars. *International Journal of Food Science and Technology* 2015; **50**:492-499.
32. VAN DER MERWE JD, DE BEER D, JOUBERT E, GELDERBLOM WCA. Short-term and sub-chronic dietary exposure to aspalathin-enriched green rooibos (*Aspalathus linearis*) extract affects rat liver function and antioxidant status. *Molecules* 2015; **20**:22674-22690.

Proceedings international

1. BANDA K, CALEB OJ, OPARA UL. Effect of Citric Acid and Storage Conditions on the Respiration Rate of 'Wonderful' Pomegranate Arils. In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 481-486.
2. CALEB OJ, AINDONGO WV, OPARA UL, MOKWENA LM. Effect of pre-treatment and modified atmosphere packaging on quality attributes and volatile composition of pomegranate arils ('Bhagwa'). In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) *V International Conference Postharvest Unlimited*, Lemesos, Cyprus, International Society for Horticultural Science 2015: 165-171.
3. CRONJE A, CROUCH EM, THERON KI, MULLER M, STEYN WJ. The Effect of Canopy Position, Cold Storage Duration and Harvest Maturity on the Eating Quality and Mealiness Incidence of 'Forelle' Pears. In: Deckers T, Vercammen J (eds.) *Proceedings of the XII International Pear Symposium*. Acta Hort 1094, Leuven, Belgium, ISHS 2015: 501-508.

4. OLIVIER CF, ROZANOV AB, HARDIE AG, SIGGE GO. IN VITRO Aerobic and Anaerobic Degratation of Biochar. 5th International Symposium on Soil Organic Matter, Gottingen, University of Gottingen 2015: 632.

FOREST AND WOOD SCIENCE

Journal articles

1. ACKERMAN PA, PULKKI RE, GLEASURE EA. Softwood sawlog secondary transport travel speed prediction for the South African forestry industry. *Southern Forests* 2015; **77**(2):107-113.
2. AMBUSHE AA, DU PLESSIS A, MCCRINDLE RI. Laser-induced breakdown spectroscopy and inductively coupled plasma-mass spectrometry for determination of Cr in soils from Brits District, South Africa. *Bulletin of the Chemical Society of Ethiopia* 2015; **29**(3):357-366.
3. BRIENZO M, TYHODA L, BENJAMIN YL, GORGENS JF. Relationship between physicochemical properties and enzymatic hydrolysis of sugarcane bagasse varieties for bioethanol production. *New Biotechnology* 2015; **32**(2):253-262.
4. DOVEY SB, DU TOIT B. Nitrogen mineralisation in a clonal Eucalyptys plantation on sandy soil after clearfelling and residue burning. *Indian Forester* 2015; **141**(4):411-421.
5. EFFAH B, VAN REENEN AJ, MEINCKEN M. Characterisation of the interfacial adhesion of the different components in Wood-Plastic composites with AFM. *Springer Science Reviews* 2015; **3**:97-111.
6. GRIGOLATO S, PELLEGRINI M, ACKERMAN PA, CAVALLI R. Light-lift helicopter logging operations in the Italian Alps: a preliminary study based on GNSS and a video camera system. *Forest Science & Technology* 2015; **2015**:1-10.
7. HEVIA A, CAO QV, ALVAREZ-GONZALEZ JG, RUIZ GONZALEZ AD, VON GADOW K. Compatibility of whole-stand and individual-tree models using composite estimators and disaggregation. *Forest Ecology and Management* 2015; **03**(035):46-56.
8. HUANG Y, ZHAO Y, LI S, VON GADOW K. The effects of habitat area, vegetation structure and insect richness on breeding bird populations in Beijing urban parks. *Urban Forestry & Urban Greening* 2015; **14**:1027-1039.
9. KLEMMT H-J, WÖRLE A, SEIFERT T. Neue Wege im Waldflächen-Monitoring in Bayern. *Allgemeine Forstzeitschrift* 2015; **70**(17):39-42.
10. LINDNER BG, VLOK P-J, WESSELS CB. Determining optimal primary sawing and ripping machine settings in the wood manufacturing chain. *Southern Forests* 2015; **77** (3):191-201.
11. MAGALHAES TM, SEIFERT T. Estimates of Tree Biomass, and its uncertainties through mean-of-ratios, ratio-of-means, and regression estimators in double sampling: A comparative study of mecrusse woodlands. *American Journal of Agriculture & Forestry* 2015; **3**(5):161-170.
12. MAGALHAES TM, SEIFERT T. Below- and aboveground architecture of *Androstachys johnsonii* prain: topological analysis of the root and shoot systems. *Plant Soil* 2015; **394**: 257-269.
13. MAGALHAES TM, SEIFERT T. Biomass Modelling of *Androstachys johnsonii* Prain: A comparison of three methods to enforce additivity. *International Journal of Forestry Research* 2015; **2015**: Article ID 878402, 17 pages.

14. MAGALHAES TM, SEIFERT T. Tree component biomass expansion factors and root-to-shoot ratio of Lebombo ironwood: measurement uncertainty. *Carbon Balance & Management* 2015; **10**: 9, 14 pages.
15. MEINCKEN M, FUNK SC. Burning characteristics of low-cost safety charcoal briquettes made from wood residues and soil for domestic use. *Agroforestry Systems* 2015; **89**:357-363.
16. PHIRI D, ACKERMAN PA, WESSELS CB, DU TOIT B, JOHANSSON M, SÄLL H, LUNDQVIST SO, SEIFERT T. Biomass equations for selected drought-tolerant eucalypts in South Africa. *Southern Forests* 2015; **77**(4):255-262.
17. PRETZSCH H, BIBER P, UHL E, DAHLHAUSEN J, RÖTZER T, CALDENTY J, KOIKE T, VAN CON T, CHAVANNE A, SEIFERT T, DU TOIT B, FARNDEN C, PAULEIT S. Crown size and growing space requirement of common tree species in urban centres, parks, and forests. *Urban Forestry & Urban Greening* 2015; **14**:466-479.
18. SOTO JEL, CORRAL-RIVAS JJ, CALDERÓN OAA, VON GADOW K. Grouping forest tree species on the Sierra Madre Occidental, Mexico. *Allgemeine Forst und Jagdzeitung* 2015; **186**(3/4):63-71.
19. VAN DER MERWE J, PULKKI RE, ACKERMAN PA. Fibre losses during debranching and debarking of Eucalyptus pulp logs using a single-grip harvester. *Southern Forests* 2015; **77**(4):309-313.
20. VAZIRI M, DU PLESSIS A, SANDBERG D, BERG S. Nano X-ray tomography analysis of the cell-wall density of welded beech joints. *Wood Material Science & Engineering* 2015; **10**(4):368-372.
21. VENA PF, BRIENZO M, GARCIA APARICIO MDP, GORGENS JF, RYPSTRA T. Dilute sulphuric acid extraction of Hemicelluloses from Eucalyptus grandis and its effect on Kraft and Soda-AQ pulp and handsheet properties. *Cellulose Chemistry and Technology* 2015; **49**(9-10):819-832.
22. VON GADOW K, KOTZE H, SEIFERT T, STAUPENDAHL K, ALVAREZ GONZALEZ JG. Potential density and tree survival: an analysis based on South African spacing studies. *Southern Forests* 2015; **77**(2):115-122.
23. WANG J, BU W, ZHAO B, ZHAO X, ZHANG C, FAN J, VON GADOW K. Effects of Nitrogen addition on leaf decomposition of single-species and litter mixture in Pinus tabulaeformis forests. *Forests* 2015; **6**:4462-4476.
24. WESSELS CB, MALAN FS, KIDD M, RYPSTRA T. The variation of microfibril angle in South African grown Pinus patula and its influence on the stiffness of structural lumber. *Southern Forests* 2015; **3**:213-219.
25. WESSELS CB, MALAN FS, SEIFERT T, LOUW JH, RYPSTRA T. The prediction of the flexural lumber properties from standing South African-grown Pinus patula trees. *European Journal of Forest Research* 2015; **134**:1-18.
26. YAN Y, ZHANG C, WANG Y, ZHAO X, VON GADOW K. Drivers of seedling survival in a temperate forest and their relative importance at three stages of succession. *Ecology and Evolution* 2015; **5**(19):4287-4299.
27. ZENG WS, TOMPPO E, HEALEY S, VON GADOW K. The national forest inventory in China: history - results - international context. *Forest Ecosystems* 2015; **2**: 23, 16 pages.

Proceedings international

1. AMIANDAMHEN SO. Phosphate bonded natural fibre composites. 2nd International Conference on Composites, Biocomposites and Nanocomposites, Durban, South Africa, Durban University of Technology 2015: 161-177.

2. MAKHETHA MRA, PIUS MT, VAN RENSBURG E, TYHODA L. Fractionation of sugarcane bagasse and *Eucalyptus grandis* into valuable chemicals and materials. In: CHIMPHANGO AFA, GORGENS JF (eds.) 1st International Workshop on Biorefinery of Lignocellulosic Materials (1st IWBLCM), Córdoba, Spain, 2015: 1-2.
3. NDALOWA D, HAM C, HAM H. Evaluation of carbon accounting models for timber plantations in KwaZulu Natal, South Africa. Proceedings of the 5th International DAAD Workshop - Briding the gap between information needs and foresgt inventory capacity, Göttingen, Germany, Cuvillier Verlag Göttingen 2015: 47-59.

GENETICS

Journal articles

1. ARDALAN A, OSKARSSON MCR, KOEHLER VAN ASCH BJ, RABAKONANDRIANIA E, SAVOLAINENEN P. African origin for Madagascan dogs revealed by mtDNA analysis. *Royal Society Open Science* 2015; **2**: 140552, 11pages.
2. BIGGS R, RHODE C, ARCHIBALD S, KUNENE LM, MUTANGA SS, NKUNA N, OCHOLLA PO, PHADIMA LJ. Strategies for managing complex social-ecological systems in the face of uncertainty: examples from South Africa and beyond. *Ecology and Society* 2015; **20**(1):52, 15 pages.
3. BITALO DN, MADUNA SN, DA SILVA C, ROODT-WILDING R, VAN DER MERWE AE. Differential gene flow patterns for two commercially exploited shark species, tope (*Galeorhinus galeus*) and common smoothhound (*Mustelus mustelus*) along the south-west coast of South Africa. *Fisheries Research* 2015; **172**:190-196.
4. COLLING J, TOHGE T, DE CLERCQ R, BRUNOUD G, VERNOUX T, FERNIE AR, MAKUNGA NP, GOOSSENS A, PAUWELS L. Overexpression of the *Arabidopsis thaliana* signalling peptide TAXIMIN1 affects lateral organ development. *Journal of Experimental Botany* 2015; **66**(17):5337–5349.
5. FISHER RG, SMITH DM, MURRELL B, SLABBERT R, KIRBY BM, EDSON C, COTTON MF, HAUBRICH R, POND SLK, VAN ZYL GU. Next generation sequencing improves detection of drug resistance mutations in infants after PMTCT failure. *Journal of Clinical Virology* 2015; **62**:48-53.
6. GLEDHILL K, KESSEL ST, GUTTRIDGES TL, HANSELL AC, VAN DER MERWE AE, FELDHEIM KA, GRUBER SH, CHAPMAN DD. Genetic structure, population demography and seasonal occurrence of blacktip shark *Carcharhinus limbatus* in Bimini, the Bahamas. *Journal of Fish Biology* 2015; **87**:1371-1388.
7. GOOSEN NJ, DE WET LF, GORGENS JF. Comparison of hydrolysed proteins from different raw materials in diets for Mozambique tilapia *Oreochromis mossambicus*. *Aquaculture International* 2015; **23**:1165-1178.
8. JOOSTE AEC, MOLENAAR N, MAREE H, BESTER R, MOREY L, DE KOKER WC, BURGER JT. Identification and distribution of multiple virus infections in Grapevine leafroll diseased vineyards. *European Journal of Plant Pathology* 2015; **142**:363-375.

9. MAREE H, PIRIE MD, OOSTHUIZEN K, BESTER R, REES DJG, BURGER JT. Phylogenomic Analysis Reveals Deep Divergence and Recombination in an Economically Important Grapevine Virus. PLoS ONE 2015; **10**(5): e0126819.
10. MIRIMIN L, KITCHIN N, IMPSON ND, CLARK PF, RICHARD J, DANIELS SR, ROODT-WILDING R. Genetic and Morphological Characterization of Freshwater Shrimps (*Caridina Africana* Kingsley, 1882) Reveals the Presence of Alien Shrimps in the Cape Floristic Region, South Africa. Journal of Heredity 2015; **106**(6):711-718.
11. MIRIMIN L, ROODT-WILDING R. Testing and validating a modified CTAB DNA extraction method to enable molecular parentage analysis of fertilized eggs and larvae of an emerging South African aquaculture species, the dusky kob *Argyrosomus japonicus*. Journal of Fish Biology 2015; **86**:1218-1223.
12. MOLENAAR N, BURGER JT, MAREE H. Detection of a divergent variant of grapevine virus F by next-generation sequencing. Archives of Virology 2015; **160**:2125-2127.
13. NAIDU RA, MAREE H, BURGER JT. Grapevine Leafroll Disease and Associated Viruses: A Unique Pathosystem. Annual Review of Phytopathology 2015; **53**:613-634.
14. OBERHOLSTER PJ, JAPPIE S, CHENG P, OBERHOLSTER A, MATTHEWS MW. First report of an *Anabaena* Bory strain containing microcystin-LR in a freshwater body in Africa. African Journal of Aquatic Science 2015; **40**(1):21-36.
15. PICONE B, RHODE C, ROODT-WILDING R. Transcriptome profiles of wild and cultured South African abalone, *Haliotis midae*. Marine Genomics 2015; **20**:3-6.
16. PICONE B, RHODE C, ROODT-WILDING R. Domain repeats related to innate immunity in the South African abalone, *Haliotis midae*. Marine Genomics 2015; **23**:41-43.
17. RAMEZANI S, BLIBECH I, TRINDADE REI F, KOEHLER VAN ASCH BJ, TEIXEIRA DA COSTA L. *Bactrocera oleae* (Diptera: Tephritidae) in Iran: An invasion from the Middle West. European Journal of Entomology 2015; **112**(4):713-721.
18. SCHULTZ T, VAN ECK L, OBERHOLSTER A. Phi-class glutathione-S-transferase is involved in Dn1-mediated resistance. Physiologia Plantarum 2015; **154**:1-12.
19. SWART BL, VON DER HEYDEN S, VAN DER MERWE AE, ROODT-WILDING R. Molecular systematics and biogeography of the circumglobally distributed genus *Seriola* (Pisces: Carangidae). Molecular Phylogenetics and Evolution 2015; **93**:274-280.
20. VAN DER MERWE AE, GLEDHILL K. Molecular species identification and population genetics of chondrichthyans in South Africa: current challenges, priorities and progress. African Zoology 2015; **50**(3):205-217.

Proceedings international

1. SANDENBERGH L, CLOETE SWPVDM, ROODT-WILDING R, SNYMAN MA, VAN DER MERWE AE. Genetic diversity and population structure of four South African sheep breeders. Association for the Advancement of Animal Breeding and Genetics, Lorne, Victoria, Australia, AAABG 2015: 1-5.

HORTICULTURAL SCIENCE

Journal articles

1. ARENDSE E, FAWOLE OA, OPARA UL. Effects of postharvest handling and storage on physiological attributes and quality of pomegranate fruit (*Punica granatum* L.): a review. *International Journal of Postharvest Technology and Innovation* 2015; **5**(1):13-31.
2. ARENDSE E, FAWOLE OA, OPARA UL. Discrimination of Pomegranate Fruit Quality by Instrumental and Sensory Measurements during Storage at Three Temperature Regimes. *Journal of Food Processing and Preservation* 2015; **39**:1867-1877.
3. BANDA K, CALEB OJ, JACOBS K, OPARA UL. Effect of active-modified atmosphere packaging on the respiration rate and quality pomegranate arils (cv. Wonderful). *Postharvest Biology and Technology* 2015; **109**:97-105.
4. BERRY TM, DELELE MA, GRIESSEL H, OPARA UL. Geometric Design Characterisation of Ventilated Multi-Scale Packaging Used in the South African Pome Fruit Industry. *AMA-Agricultural Mechanization in Asia, Africa and Latin America* 2015; **46**(3):34-42.
5. CALEB OJ, FAWOLE OA, MPHAAHLELE RR, OPARA UL. Impact of preharvest and postharvest factors on changes in volatile compounds of pomegranate fruit and minimally processed arils - Review. *Scientia Horticulturae* 2015; **188**:106-114.
6. CRONJE A, CROUCH EM, MULLER M, THERON KI, VAN DER RIJST M, STEYN WJ. Canopy position and cold storage affects mealiness incidence and consumer preference for the appearance and eating quality of 'Forelle' pears. *Scientia Horticulturae* 2015; **194**:327-336.
7. CROUS JJ, STEYN WJ. Chemical thinning of 'Barouni' and 'Manzanilla' olives with naphthalene acetic acid under South African conditions. *South African Journal of Plant and Soil* 2015; **32**(1):47-54.
8. DEFRAEYE T, CRONJE PJR, BERRY TM, OPARA UL, EAST A, HERTOOG M, VERBOVEN P, NICOLAI BM. Towards integrated performance evaluation of future packaging for fresh produce in the cold chain. *Trends in Food Science & Technology* 2015; **44**(2):201-225.
9. DEFRAEYE T, CRONJE PJR, VERBOVEN P, OPARA UL, NICOLAI BM. Exploring ambient loading of citrus fruit into reefer containers for cooling during marine transport using computational fluid dynamics. *Postharvest Biology and Technology* 2015; **108**(1):91-101.
10. DEFRAEYE T, VERBOVEN P, OPARA UL, NICOLAI BM, CRONJE PJR. Feasibility of ambient loading of citrus fruit into refrigerated containers for cooling during marine transport. *Biosystems Engineering* 2015; **134**(1):20-30.
11. DERBYSHIRE G, HOFFMAN EW, KEMPEN E. The role of nutrient solution composition on the uptake of nutrients, growth and vase life of tulips grown hydroponically under South African conditions. *South African Journal of Plant and Soil* 2015; **32**(3):129-137.
12. HENDRICKS DT, HOFFMAN EW, LOTZE E. Improving fruit quality and tree health of *Prunus Persica* cv. 'Sandvliet' through combined mineral and salicylic acid foliar applications. *Scientia Horticulturae* 2015; **187**:65-71.
13. HU MH, DONG QL, LIU BL, OPARA UL, CHEN L. Estimating blueberry mechanical properties based on random frog selected hyperspectral data. *Postharvest Biology and Technology* 2015; **106**:1-10.

14. HUSSEIN ZH, CALEB OJ, JACOBS K, MANLEY M, OPARA UL. Effect of perforation-mediated modified atmosphere packaging and storage duration of physiocochemical properties and microbial quality of fresh minimally processed 'Acco' pomegranate arils. *LWT-Food Science and Technology* 2015; **64**:911-918.
15. HUSSEIN ZH, CALEB OJ, OPARA UL. Perforation-mediated modified atmosphere packaging of fresh and minimally processed produce - A review. *Food packaging and Shelf Life* 2015; **6**:7-20.
16. LADO JL, CRONJE PJR, ALQUEZAR B, PAGE A, MANZI M, GOMEZ-CADENAS A, STEAD A, ZACARIAS L, RODRIGO MJ. Fruit shading enhances peel color, carotenes accumulation and chromoplast differentiation in red grapefruit. *Physiologia Plantarum* 2015; **154**(4):469-484.
17. LADO JL, RODRIGO MJ, CRONJE PJR, ZACARIAS L. Involvement of lycopene in the induction of tolerance to chilling injury in grapefruit. *Postharvest Biology and Technology* 2015; **100**(1):176-186.
18. LOTZE E, TURKETTI SS. Efficacy of Foliar Application of Calcium Products on Tomatoes as Defined by Penetration Depth of and Concentration within Fruit Tissues. *Journal of Plant Nutrition* 2015; **38**:2112-2125.
19. LOTZE E, WILSDORF R, TURKETTI SS, PRZYBYLOWICZ WJ, MESJASZ-PRZYBYLOWICZ J. Re-Visiting Calcium Concentration and Distribution in Apple Fruit (*Malus domestica* Borkh.). *Journal of Plant Nutrition* 2015; **38**:1469-1477.
20. LOUW E, HOFFMAN EW, THERON KI, MIDGLEY S. Physiological and phenological responses of *Protea* 'Pink Ice' to elevated temperatures. *South African Journal of Botany* 2015; **99**:93-102.
21. MAGWAZA LS, OPARA UL. Analytical methods for determination of sugars and sweetness of horticultural products - A review. *Scientia Horticulturae* 2015; **184**:179-192.
22. MAKEREDZA B, MARAIS H, SCHMEISSER M, LOTZE E, STEYN WJ. Ripening Associated Red Color Development Masks Sunburn Browning in Apple Peel. *Hortscience* 2015; **50**(6):814-818.
23. MANRAKHAN A, STEPHEN PR, CRONJE PJR. Phytotoxic effect of GF-120 NF fruit fly bait on fruit of mandarin (*Citrus reticulata* Blanco cv. Nadorcott): Influence of bait characteristics and fruit maturity stage. *Crop Protection* 2015; **78**(1):48-53.
24. MDITSHWA A, VRIES F, VAN DER MERWE K, CROUCH EM, OPARA UL. Antioxidant content and phytochemical properties of apple 'Granny Smith' at different harvest times. *South African Journal of Plant and Soil* 2015; **32**(4):221-226.
25. MUPAMBI G, VERREYNNE JS, STANDER OPJ, CRONJE PJR. Optimal timing of application of 2,4-D on 'Navel' sweet orange [*Citrus sinensis* (Osbeck)] reduces the size of the navel end. *Journal of Horticultural Science & Biotechnology* 2015; **90**(6):619-625.
26. O'GRADY L, SIGGE GO, CALEB OJ, OPARA UL. Effects of water dipping of whole fruit on the microbial quality of minimally processed pomegranate (*Punica granatum* L.) arils during cold storage. *International Journal of Postharvest Technology and Innovation* 2015; **5**(1):1-7.
27. OPARA UL, ATUKURI J, FAWOLE OA. Application of physical and chemical postharvest treatments to enhance storage and shelf life of pomegranate fruit-A review. *Scientia Horticulturae* 2015; **197**:41-49.

28. OPARA UL, HUSSEIN ZH, CALEB OJ, MAHAJAN PV. Investigating the Effects of Perforation and Storage Temperature on Water Vapour Transmission Rate of Packaging Films: Experimental and Modelling Approaches. *Wulfenia* 2015; **22**(9):498-509.
29. UCHECHUKWU-AGUA AD, CALEB OJ, MANLEY M, OPARA UL. Effects of storage conditions and duration on physicochemical and microbial quality of the flour of two cassava cultivars (TME 419 and UMUCASS 36). *CyTA-Journal of Food* 2015; **13**(4):635-645.
30. UCHECHUKWU-AGUA AD, CALEB OJ, OPARA UL. Postharvest Handling and Storage of Fresh Cassava Root and Products: a Review. *Food and Bioprocess Technology* 2015; **8**:729-748.
31. VAN DER MERWE A, MULLER M, VAN DER RIJST M, LABUSCHAGNE I, NAES T, STEYN WJ. Impact of appearance on degree of liking and eating quality expectations of selected apple cultivars. *International Journal of Food Science and Technology* 2015; **50**:492-499.

Proceedings international

1. BANDA K, CALEB OJ, OPARA UL. Effect of Citric Acid and Storage Conditions on the Respiration Rate of 'Wonderful' Pomegranate Arils. In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 481-486.
2. CALEB OJ, AINDONGO WV, OPARA UL, MOKWENA LM. Effect of pre-treatment and modified atmosphere packaging on quality attributes and volatile composition of pomegranate arils ('Bhagwa'). In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 165-171.
3. CRONJE A, CROUCH EM, THERON KI, MULLER M, STEYN WJ. The Effect of Canopy Position, Cold Storage Duration and Harvest Maturity on the Eating Quality and Mealiness Incidence of 'Forelle' Pears. In: Deckers T, Vercaemmen J (eds.) *Proceedings of the XII International Pear Symposium*. Acta Hort 1094, Leuven, Belgium, ISHS 2015: 501-508.
4. CRONJE PJR. Could ethylene metabolism in lemon fruit influence peteca incidence? In: Sabater-Munoz B, Moreno P, Pena L, Navarro L (eds.) *Proceedings of the XII International Citrus Congress*. Acta Hort 1065, Valencia, Spain, ISHS 2015: 1455-1461.
5. CROUCH EM, JOOSTE MM, MAJONI TJ, CROUCH IJ, BERGMAN H. Harvest maturity and storage duration influencing flesh browning in South African 'Cripps' Pink' apples. In: Kalaitzis P, Manganaris GA, Toivonen PM (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 121-127.
6. DE BEER T, CROUCH EM. Maintaining High Market Value of Surplus Tomato Harvests during Short-Term Storage by Limiting Colour Development with 1-MCP. In: Kalaitzis P, Manganaris GA, Toivonen PM (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 447-452.
7. DE BEER T, CROUCH EM. Maintaining Broccoli Shelf-Life during Mixed Load Marketing with a Novel In-Box 1-Methylcyclopropene and Modified Atmosphere Packaging System. In: Kalaitzis P, Manganaris GA, Toivonen PM (eds.) *Proceedings of the Vth International Conference Postharvest unlimited*. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 179-185.

8. FAWOLE OA, OPARA UL, CHEN L. Bioaccessibility of total phenolic content and antioxidant capacity of pomegranate fruit juice and marc after in vitro digestion. In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) Proceedings of the Vth International Conference Postharvest unlimited. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 285-290.
9. HOFFMAN EW, MILLER MR, LOUW E. The efficacy of LED lights and growth regulator sprays at controlling chilling injury in *Leucospermum* potted plants. In: Gollnow B, McConchie R (eds.) Proceedings of the VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium. Acta Hort 1097, Perth, Australia, ISHS 2015: 47-54.
10. LADO JL, CRONJE PJR, RODRIGO MJ, ZACARIAS L. Fruit shading enhances red colour and carotenoid accumulation in 'Star Ruby' grapefruit. In: Sabater-Munoz B, Moreno P, Pena L, Navarro L (eds.) Proceedings of the XII International Citrus Congress. Acta Hort 1065, Valencia, Spain, ISHS 2015: 1521-1527.
11. LADO JL, CRONJE PJR, RODRIGO MJ, ZACARIAS L. Resistance to chilling injury in red, lycopene-accumulating tissue of cold-stored Grapefruits. In: Kalaitzis P, Manganaris GA, Toivonen PM (eds.) Proceedings of the Vth International Conference Postharvest. Acta Hort 1079, Lemesos, Cyprus, ISHS 2015: 249-255.
12. LOUW E, JACOBS G, HOFFMAN EW. Baseline growth studies of *Leucospermum* 'Succession II' and 'Soleil' in contrasting Mediterranean Climatic Areas. In: Gollnow B, McConchie R (eds.) Proceedings of the VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium. Acta Hort 1097, Perth, Australia, ISHS 2015: 33-39.
13. MUZIRI T, THERON KI, CROUCH EM. Mealiness Development in 'Forelle' Pears (*Pyrus communis* L.) Is Influenced by Cell Size. In: Deckers T, Vercammen J (eds.) Proceedings of the XII International Pear Symposium. Acta Hort 1094, Leuven, Belgium, ISHS 2015: 515-523.
14. SMITH A, STEYN WJ, HOFFMAN EW. Involucral Bract Browning in Proteas - the What, How and What Now? In: Gollnow B, McConchie R (eds.) Proceedings of the VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium. Acta Hort 1097, Perth, Australia, ISHS 2015: 125-132.
15. WINDELL NE, JACOBS G, HOFFMAN EW. Factors influencing the efficacy of glucose pulsing as a technique commercially employed to control leaf blackening in Protea 'Sylvia'. In: Gollnow B, McConchie R (eds.) Proceedings of the VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium. Acta Hort 1097, Perth, Australia, ISHS 2015: 133-141.

PLANT PATHOLOGY

Journal articles

1. BESTER MC, HALLEEN F, MOSTERT L. A PCR detection system for South African basidiomycetous isolates from esca affected grapevine. Australasian Plant Pathology 2015; **44**:647-651.

2. CHOUËIRI E, JREIJIRI F, CHLELA P, MAYET V, COMONT G, LIMINANA J-M, MOSTERT L, FISCHER M, LECOMTE P. Fungal community associated with grapevine wood lesions in Lebanon. *Journal International des Sciences de La Vigne et Du Vin* 2014; **48**:293-302.
3. CLOËTE M, FISCHER M, MOSTERT L, HALLEEN F. Hymenochaetales associated with esca-related wood rots on grapevine with a special emphasis on the status of esca in South African vineyards. *Phytopathologia Mediterranea* 2015; **54**(2):299-312.
4. CLOËTE M, MOSTERT L, FISCHER M, HALLEEN F. Pathogenicity of South African Hymenochaetales taxa isolated from esca-infected grapevines. *Phytopathologia Mediterranea* 2015; **54**(2):368-379.
5. COERTZE S, JENSEN T, KOTZE TN, MCLEOD A. Establishing the status of *Clavibacter michiganensis* subsp. *insidiosus* in lucerne in South Africa. *Journal of Plant Pathology* 2015; **97**(2):283-290.
6. CROUS PW, MOSTERT L, ET AL. Fungal Planet description sheets: 320–370. *Persoonia* 2015; **34**:167-266.
7. DANIEL CK, LENNOX CL, VRIES F. In vivo application of garlic extracts in combination with clove oil to prevent postharvest decay caused by *Botrytis cinerea*, *Penicillium expansum* and *Neofabraea alba* on apples. *Postharvest Biology and Technology* 2015; **99**:88-92.
8. DANIEL CK, LENNOX CL, VRIES F. In-vitro effects of garlic extracts on pathogenic fungi *Botrytis cinerea*, *Penicillium expansum* and *Neofabraea alba*. *South African Journal of Science* 2015; **111**(7/8):1-8.
9. ERASMUS A, LENNOX CL, KORSTEN L, LESAR K, FOURIE PH. Imazalil resistance in *Penicillium digitatum* and *P. italicum* causing citrus postharvest green and blue mould: Impact and options. *Postharvest Biology and Technology* 2015; **107**:66-76.
10. ERASMUS A, LENNOX CL, NJOMBOLWANA NS, LESAR K, FOURIE PH. Curative control of citrus green mould by imazalil as influenced by infection age, wound size, fruit exposure time, solution pH and fruit brushing after treatment. *Postharvest Biology and Technology* 2015; **101**:26-36.
11. GRAMAJE D, MOSTERT L, GROENEWALD JZ, CROUS PW. *Phaeoacremonium*: From esca disease to phaeohyphomycosis. *Fungal Biology* 2015; **119**:759-783.
12. MAGAREY RD, CHEON HONG S, FOURIE PH, CHRISTIE DN, MILES AK, SCHUTTE GC, GOTTWALD TR. Prediction of *Phyllosticta citricarpa* using an hourly infection model and validation with prevalence data from South Africa and Australia. *Crop Protection* 2015; **75**:104-114.
13. MUTAWILA C, HALLEEN F, MOSTERT L. Development of benzimidazole resistant *Trichoderma* strains for the integration of chemical and biocontrol methods of grapevine pruning wound protection. *Biocontrol* 2015; **60**:387-399.
14. SOUTHWOOD MJ, VILJOEN A, MCLEOD A. Inoculum sources of *Fusarium oxysporum* f.sp. *cepae* on onion in the Western Cape Province of South Africa. *Crop Protection* 2015; **75**:88-95.
15. ZIMMERMANN J, DE KLERK M, MUSYOKI MK, VILJOEN A, WATSON AK, BEED F, GORFER M, CADISCH G, RASCHE F. An explicit AFLP-based marker for monitoring *Fusarium oxysporum* f.sp. *strigae* in tropical soils. *Biological Control* 2015; **89**:42-52.

Proceedings international

1. HOFFMAN EW, MILLER MR, LOUW E. The efficacy of LED lights and growth regulator sprays at controlling chilling injury in *Leucospermum* potted plants. In: Gollnow B, McConchie R (eds.) Proceedings of the VIII International Symposium on New Ornamental Crops and XII International Protea Research Symposium. Acta Hort 1097, Perth, Australia, ISHS 2015: 47-54.

SOIL SCIENCE**Journal articles**

1. BUGAN RDH, JOVANOVIC NZ, DE CLERCQ WP. Quantifying the catchment salt balance: An important component of salinity assessments. *South African Journal of Science* 2015; **111**:1-8.
2. HOWELL CL, MYBURGH PA, LATEGAN EL, HOFFMAN JE. An Assessment of Winery Wastewater Diluted for Irrigation of Grapevines in the Breede River Valley with Respect to Water Quality and Nutrient Load. *South African Journal of Enology and Viticulture* 2015; **36**(3):413-425.
3. MILEWSKI AV, MILLS A. Why was the Highveld treeless? Looking Laterally to the Pampas for Global Edaphic Principles beyond Biogeographical Accidents. *South African Journal of Botany* 2015; **101**:1-9.
4. MILLS A, VAN DER VYVER ML, GORDON IJ, PATWARDHAN A, MARAIS C, BLIGNAUT J, SIGWELA A, KGOPE B. Prescribing Innovation within a Large-Scale Restoration Programme in Degraded Subtropical Thicket in South Africa. *Forests* 2015; **6**:4328-4348.
5. MULUDZI AR, CLARKE CE, MYBURGH PA. Effect of Irrigation with Diluted Winery Wastewater on Cations and pH in Four Differently Textured Soils. *South African Journal of Enology and Viticulture* 2015; **36**(3):400-410.
6. MYBURGH PA, LATEGAN EL, HOWELL CL. Infrastructure for Irrigation of Grapevines with Diluted Winery Wastewater in a Field Experiment. *Water SA* 2015; **41**(5):643-647.
7. PATERSON G, TURNER D, WIESE L, VAN ZIJL G, CLARKE CE, VAN TOL J. Spatial Soil Information in South Africa: Situational Analysis, Limitations and Challenges. *South African Journal of Science* 2015; **111**(5/6):1-7.
8. STEUDEL T, BUGAN RDH, KIPKA H, PFENNIG B, FINK M, DE CLERCQ WP, FLUGEL W, HELMSCHROT J. Implementing Contour Bank Farming Practices into The J2000 Model to Improve Hydrological and Erosion Modelling in Semi-Arid Western Cape Province of South Africa. *Hydrology Research* 2015; **46.2**:191-211.

Proceedings international

1. HELMSCHROT J, MUCHE G, HILLMAN T, KANYANGA J, BUTALE M, NASCIMENTO D, KRUGER S, STROHBACH BJ, SEELY MK, RIBEIRO C, DE CLERCQ WP, KENABATHO P, JOSEPHANS K, JURGENS N. SASSCAL WeatherNet to support regional weather monitoring and climate-related research in Southern Africa. Proceedings of the 11th Kovacs Colloquium, Paris, France, 11th Kovcs Colloquium 2015: 170-171.
2. KASPAR F, HELMSCHROT J, MHANDA A, BUTALE M, DE CLERCQ WP, KANYANGA J, NETO FOS, KRUGER S, MATSHEKA MC, MUCHE G, HILLMAN

T, JOSEPHANS K, POSADA R, RIEDE J, SEELY MK, RIBEIRO C, KENABATHO P, VOGT R, JURGENS N. The SASSCAL contribution to climate observation, climate data management and data rescue in Southern Africa. *Advances in Science and Research, Copernicus publications* 2015: 171-177.

Proceedings national

1. HARDIE AG. The effect of fertilizers on soil carbon decomposition and sequestration. *Sustainable Soil Management Symposium, University of Stellenbosch, Soil Organic Matter Symposium* 2015: 20-24.

VITICULTURE AND OENOLOGY

Journal articles

1. ALEIXANDRE TUDO JL, NIEUWOUDT HH, ALEIXANDRE J-L, DU TOIT WJ. Robust Ultraviolet-Visible (UV-Vis) Partial Least-Squares (PLS) models for tannin quantification in red wine. *Journal of Agricultural and Food Chemistry* 2015; **63**:1088-1098.
2. ALEIXANDRE TUDO JL, WEIGHTMAN CJ, PANZERI V, NIEUWOUDT HH, DU TOIT WJ. Effect of Skin Contact before and During Alcoholic Fermentation on the Chemical and Sensory Profile of South African Chenin Blanc White Wines. *South African Journal of Enology and Viticulture* 2015; **36**(3):366-377.
3. ANTALICK G, SUKLJE K, BLACKMAN JW, MEEKS C, DELOIRE AJ, SCHMIDTKE LM. Influence of grape composition on red wine ester profile: Comparison between Cabernet Sauvignon and Shiraz cultivars from Australian warm climate. *Journal of Agricultural and Food Chemistry* 2015; **63**:4664-1667.
4. ANTALICK G, TEMPERE S, SUKLJE K, BLACKMAN JW, DELOIRE AJ, DE REVEL G, SCHMIDTKE LM. Investigation and sensory characterization of 1,4-Cineole: A potential aromatic marker of Australian Carbernet Sauvignon wine. *Journal of Agricultural and Food Chemistry* 2015; **63**:9103-9111.
5. CHIDI BS, ROSSOUW D, BUICA AS, BAUER FF. Determining the impact of industrial wine yeast strains on organic acid production under white and red wine-like fermentation conditions. *South African Journal of Enology and Viticulture* 2015; **36**:316-327.
6. COETZEE C, BRAND J, EMERTON GR, JACOBSON DA, DA SILVA FERREIRA AC, DU TOIT WJ. Sensory interaction between 3-mercaptohexan-1-ol, 3-isobutyl-2-methoxypyrazine and oxidation-related compounds. *Australian Journal of Grape and Wine Research* 2015; **21**:179-188.
7. COETZEE C, DU TOIT WJ. Sauvignon Blanc Wine: Contribution of Ageing and Oxygen on Aromatic and Non-Aromatic Compounds and Sensory Composition: A Review. *South African Journal of Enology and Viticulture* 2015; **36**(3):347-365.
8. GABRIELLI M, BUICA AS, FRACASSETTI D, STANDER MA, TIRELLI A, DU TOIT WJ. Determination of sotolon content in South African white wines by two novel HPLC–UV and UPLC–MS methods. *Food Chemistry* 2015; **169**:180-186.
9. GAO Y, FANGAL JU, WILLATS WGT, VIVIER MA, MOORE JP. Dissecting the polysaccharide-rich grape cell wall changes during winemaking using combined high-throughput and fractionation methods. *Carbohydrate Polymers* 2015; **133**:567-577.

10. GHOSH S, BAGHERI B, MORGAN HH, DIVOL BT, SETATI ME. Assessment of wine microbial diversity using ARISA and cultivation-based methods. *Annals of Microbiology* 2015; **65**:1833-1840.
11. GIACOSA S, MARENGO F, GUIDONI S, ROLLE L, HUNTER JJ. Anthocyanin yield and skin softening during during maceration, as affected by vineyard row orientation and grape ripeness of *Vitis vinifera* L. cv. Shiraz. *Food Chemistry* 2015; **174**:8-15.
12. MEHLOMAKULU NN, SETATI ME, DIVOL BT. Non-Saccharomyces Killer Toxins: Possible Biocontrol Agents against *Brettanomyces* in Wine? *South African Journal of Enology and Viticulture* 2015; **36**(1):94-104.
13. MONFORTE AR, JACOBSON DA, DA SILVA FERREIRA AC. Chemiomics: Network reconstruction and kinetics of Port wine aging. *Journal of Agricultural and Food Chemistry* 2015; **63**:2576-2581.
14. MOORE JP, ZHANG S, NIEUWOUDT HH, DIVOL BT, TRYGG J, BAUER FF. A multivariate approach using attenuated total reflectance mid-infrared spectroscopy to measure the surface mannoproteins and β -glucans of yeast cell walls during wine fermentations. *Journal of Agricultural and Food Chemistry* 2015; **63**:10054-10063.
15. OLIVEIRA CM, BARROS AS, DA SILVA FERREIRA AC, SILVA AMS. Influence of the temperature and oxygen exposure in red Port wine: A kinetic approach. *Food Research International* 2015; **75**:337-347.
16. PIANO F, FRACASSETTI D, BUICA AS, STANDER MA, DU TOIT WJ, BORSA D, TIRELLI A. Development of a novel liquid/liquid extraction and ultra-performance liquid chromatography tandem mass spectrometry method for the assessment of thiols in South African Sauvignon Blanc wines. *Australian Journal of Grape and Wine Research* 2015; **21**:40-48.
17. VAZ-MOREIRA I, NARCISO-DA-ROCHA C, DE BRANDT E, VANDAMME V, DA SILVA FERREIRA AC, LOBO-DA-CUNHA A, NUNES OC, MANAIA CM. *Hydromonas duriensis* gen. nov., sp. nov., isolated from freshwater. *International Journal of Systematic and Evolutionary Microbiology* 2015; **65**:4134-4139.
18. WHITENER MEB, CARLIN S, JACOBSON D, WEIGHILL DA, DIVOL BT, CONTERNO L, DU TOIT M, VRHOVSEK U. Early fermentation volatile metabolite profile of non-Saccharomyces yeast in red and white grape must: A targeted approach. *LWT-Food Science and Technology* 2015; **64**:412-422.
19. ZIETSMAN JJ, MOORE JP, FANGAL JU, WILLATS WGT, VIVIER MA. Profiling the hydrolysis of isolated grape berry skin cell walls by purified enzymes. *Journal of Agricultural and Food Chemistry* 2015; **63**:8267-8274.

Chapters in books

1. MCKAY MA, SMITH-TOLKEN AR, ALESSANDRI AF, NELL M. The Impact of Service-Learning on Professionalism in Undergraduate Viticulture and Oenology Students. In: Lan Lin P, Wiegand MR, SMITH-TOLKEN AR (eds.) *Service-Learning in Higher Education: Building Community Across the Globe*, University of Indianapolis Press, Indianapolis, USA, 2015: 63-77.

INSTITUTE FOR PLANT BIOTECHNOLOGY

Journal articles

1. EGERT A, EICHER B, KELLER F, PETERS SW. Evidence for water deficit-induced mass increases of raffinose family oligosaccharides(RFOs) in the leaves of three *Craterostigma* resurrection plant species. *Frontiers in Physiology* 2015; 6: 206. <http://dx.doi.org/10.3389/fphys.2015.00206>.
2. HECTOR SBE, WILLARD K, BAUER R, MULAKO I, SLABBERT E, KOSSMANN JM, GEORGE GM. Diverse Exopolysaccharide Producing Bacteria Isolated from Milled Sugarcane: Implications for Cane Spoilage and Sucrose Yield. *PLoS ONE* 2015; **10**(12): e0145487, 4 pages.
3. LLOYD JR, KOSSMANN JM. Transitory and storage starch metabolism: two sides of the same coin? *Current Opinion in Biotechnology* 2015; **32**(10.016):143-148.
4. NDIMBA RJ, GROOTBOOM AW, MEHLO L, MKHONZA NL, KOSSMANN JM, BARNABAS AD, MTSHALI C, PINEDA-VARGAS CA. Detecting changes in the nutritional value and elemental composition of transgenic sorghum grain. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms* 2015; **187**(363):183-187.
5. VIVIERS MZ, BEKKER JPI, BURGER BV, LE ROUX NJ, MORRIS JDV, LE ROUX M. Characterization of amniotic fluid of Dohne Merino ewes (*Ovis aries*) and its possible role in neonatal recognition. *Zeitschrift Fur Naturforschung Section A-A Journal of Physical Sciences* 2015; **70**(5-6):115-128.

INSTITUTE FOR WINE BIOTECHNOLOGY

Journal articles

1. ALEIXANDRE TUDO JL, NIEUWOUDT HH, ALEIXANDRE J-L, DU TOIT WJ. Robust Ultraviolet-Visible (UV-Vis) Partial Least-Squares (PLS) models for tannin quantification in red wine. *Journal of Agricultural and Food Chemistry* 2015; **63**:1088-1098.
2. ALEIXANDRE TUDO JL, WEIGHTMAN CJ, PANZERI V, NIEUWOUDT HH, DU TOIT WJ. Effect of Skin Contact before and During Alcoholic Fermentation on the Chemical and Sensory Profile of South African Chenin Blanc White Wines. *South African Journal of Enology and Viticulture* 2015; **36**(3):366-377.
3. BAGHERI B, BAUER FF, SETATI ME. The diversity and dynamics of indigenous yeast communities in grape must from vineyards employing different agronomic practices and their influence on wine fermentation. *South African Journal of Enology and Viticulture* 2015; **36**:243-251.
4. CHIDI BS, ROSSOUW D, BUICA AS, BAUER FF. Determining the impact of industrial wine yeast strains on organic acid production under white and red wine-like fermentation conditions. *South African Journal of Enology and Viticulture* 2015; **36**:316-327.
5. FRANKEN CJ, BURGER AL, SWIEGERS JH, BAUER FF. Reconstruction of the carnitine biosynthesis pathway from *Neurospora crassa* in the yeast *Saccharomyces cerevisiae*. *Applied Microbiology and Biotechnology* 2015; **99**:6377-6389.
6. GAO Y, FANGAL JU, WILLATS WGT, VIVIER MA, MOORE JP. Dissecting the polysaccharide-rich grape cell wall changes during winemaking using combined

- high-throughput and fractionation methods. *Carbohydrate Polymers* 2015; **133**:567-577.
7. GHOSH S, BAGHERI B, MORGAN HH, DIVOL BT, SETATI ME. Assessment of wine microbial diversity using ARISA and cultivation-based methods. *Annals of Microbiology* 2015; **65**:1833-1840.
 8. LASHBROOKE JG, ADATO A, LOTAN O, ALKAN N, TSIMBALIST T, RECHAV K, FERNANDEZ-MORENO J-P, WIDEMANN E, GRAUSEM B, PINOT F, GRANELL A, COSTA F, AHARONI A. The Tomato MIXTA-Like transcription factor coordinates fruit epidermis conical cell development and cuticular lipid biosynthesis and assembly. *Plant Physiology* 2015; **169**:2553-2571.
 9. LASHBROOKE JG, AHARONI A, COSTA F. Genome investigation suggests MdSHN3, an APETALA2-domain transcription factor gene, to be a positive regulator of apple fruit cuticle formation and an inhibitor of russet development. *Journal of Experimental Botany* 2015; **66**(21):6579-6589.
 10. LOUW L, OELOFSE S, NAES T, LAMBRECHTS MG, VAN RENSBURG P, NIEUWOUDT HH. The effect of tasting sheet shape on product configurations and panellists performance in sensory projective mapping of brandy products. *Food Quality and Preference* 2015; **40**:132-136.
 11. LOUW L, OELOFSE S, NAES T, LAMBRECHTS MG, VAN RENSBURG P, NIEUWOUDT HH. Optimisation of the partial napping approach for the successful capturing of mouthfeel differentiation between brandy products. *Food Quality and Preference* 2015; **41**:245-253.
 12. MEHLOMAKULU NN, SETATI ME, DIVOL BT. Non-Saccharomyces Killer Toxins: Possible Biocontrol Agents against Brettanomyces in Wine? *South African Journal of Enology and Viticulture* 2015; **36**(1):94-104.
 13. MOORE JP, FARRANT JM. Current advances and challenges in understanding plant desiccation tolerance. *Frontiers in Plant Science* 2015; **6**(768): Article 768, 3 pages.
 14. MOORE JP, ZHANG S, NIEUWOUDT HH, DIVOL BT, TRYGG J, BAUER FF. A multivariate approach using attenuated total reflectance mid-infrared spectroscopy to measure the surface mannoproteins and β -glucans of yeast cell walls during wine fermentations. *Journal of Agricultural and Food Chemistry* 2015; **63**:10054-10063.
 15. NDLOVU JB, HAMMAN H, FRANZ CMAP, DU TOIT M. Screening, identification and characterization of bacteriocins produced by wine-isolated LAB strains. *Journal of Applied Microbiology* 2015; **118**:1007-1022.
 16. ROSSOUW D, BAGHERI B, SETATI ME, BAUER FF. Co-Flocculation of yeast species, a new mechanism to govern population dynamics in microbial ecosystems. *PLoS ONE* 2015; **10**(8): e0136249, 17 pages.
 17. SETATI ME, JACOBSON D, BAUER FF. Sequence-based analysis of *Vitis vinifera* L. cv Cabernet Sauvignon grape must mycobiome in three South African vineyards employing distinct agronomic systems. *Frontiers in Microbiology* 2015; **6**:1358, 11 pages.
 18. TROLLOPE KM, VOLSCHENK H, GORGENS JF, BRO R, NIEUWOUDT HH. Direct, simultaneous quantification of fructooligosaccharides by FT-MIR ATR spectroscopy and chemometrics for rapid identification of superior, engineered β -fructofuranosidases. *Analytical and Bioanalytical Chemistry* 2015; **407**:1661-1671.

19. WEIGHILL DA, JACOBSON D. 3-way Networks: Application of hypergraphs for modelling increased complexity in comparative genomics. *PloS Computational Biology* 2015; **11**: e1004079 23 pages.
20. WHITENER MEB, CARLIN S, JACOBSON D, WEIGHILL DA, DIVOL BT, CONTERNO L, DU TOIT M, VRHOVSEK U. Early fermentation volatile metabolite profile of non-Saccharomyces yeast in red and white grape must: A targeted approach. *LWT-Food Science and Technology* 2015; **64**:412-422.
21. ZIETSMAN JJ, MOORE JP, FANGAL JU, WILLATS WGT, TRYGG J, VIVIER MA. Following the compositional changes of fresh grape skin cell walls during the fermentation process in the presence and absence of maceration enzymes. *Journal of Agricultural and Food Chemistry* 2015; **63**(10):2798-2810.
22. ZIETSMAN JJ, MOORE JP, FANGAL JU, WILLATS WGT, VIVIER MA. Profiling the hydrolysis of isolated grape berry skin cell walls by purified enzymes. *Journal of Agricultural and Food Chemistry* 2015; **63**:8267-8274.

FACULTY OF ARTS AND SOCIAL SCIENCES

AFRICAN LANGUAGES

Journal articles

1. ANDRASON A. Vilamovicean - a Germanic-Slavic mixed language? *Studies in Polish Linguistics* 2015; **10**(2):57-85.
2. ANDRASON A, VISSER MW. Affordances perspective and grammaticalization: Incorporation of language, environment and users in the model of semantic paths. *Studies in Second Language Learning and Teaching* 2015; **5**(4):663-698.
3. MUGUMYA L, VISSER MW. Reporting land conflict in Uganda: A genre and appraisal theoretical analysis of Runyankore-Rukiga newspaper reports. *International Journal of language and Culture* 2015; **2**(1):108-131.
4. MUSIYIWA M, VISSER MW. The communicative functions of post-2000 Shona popular songs: A typological analysis. *South African Journal of African Languages/Suid-Afrikaanse Tydskrif vir Afrikatale* 2015; **35**(2):249-259.
5. SABAO C, VISSER MW. Resolving hiatus in (isi)Ndebele: An optimality theoretic account. *Ampersand: An International Journal of General and Applied Linguistics* 2015; **2**(1):122-135.
6. SABAO C, VISSER MW. Evaluating authorial 'objectivity' and 'stancetaking' in reporting the making of a new constitution in Zimbabwean newspapers. *Communicatio: South African Journal for Communication Theory and Research* 2015; **41**(1):43-70.

Proceedings international

1. JAKAZA E, VISSER MW. The semantics of graduation in political speeches: A case of Mugabe's speeches officially opening the Zimbabwean Parliament. In: Vambe M, Nchindila B (eds.) *UNISA School of Arts Conference 2013 Proceedings*, South Africa, UNISA 2015: 210-227.

Chapters in books

1. ANDRASON A. Slavic-Germanic hybridization in the Vilamovicean language. In: Mańczak-Wohlfeld E, Podolak B (eds.) *Words in Dictionaries: A festschrift for Professor Stanislaw Stachowski on the occasion of his 85th birthday*, Wydawnictwo Uniwersytetu Jagiellonskiego, Poland, 2015: 11-27.
2. JAKAZA E, VISSER MW. Appraisal in Shona news reporting: A case of the Kwayedza Newspaper in Zimbabwe. In: Chabata C, Mugari V, Mukaro L (eds.) *Current Trends in Zimbabwean Linguistics: Festschrift in honour of KG Mkanganwi*, University of Zimbabwe, Zimbabwe, 2015: 141-158.

AFRIKAANS AND DUTCH

Journal articles

1. BARENDSE J. A South African Zombie Apocalypse: Lily Herne's Mall Rats Series. *English Studies in Africa* 2015; **58**(1):81-91.

2. BERGENHOLTZ HJ. Historia y actualidad de los Diccionarios en Línea de Danés. *Estudios de Lexicografía. Revista de Lexicografía* 2015; **4**:43-70.
3. BERGENHOLTZ HJ, AGERBO H. English and Chinese e-tools on biomechanics and sport science. *Estudios de Lexicografía. Revista de Lexicografía* 2015; **4**:121-136.
4. BERGENHOLTZ HJ, AGERBO H. Structuring: the number of fields, data distribution, searching and data presentation. *Lexicographica* 2015; **31**:5-37.
5. BERGENHOLTZ HJ, BOTHMA TJD, GOUWS RH. Phases and Steps in the Access to Data in Information Tools. *Lexikos* 2015; **25**:1-30.
6. BERGENHOLTZ HJ, FUERTES OLIVERA PA. Los Diccionarios en Línea de Español "Universidad de Valladolid". *Estudios de Lexicografía. Revista de Lexicografía* 2015; **4**:71-98.
7. BERGENHOLTZ HJ, GOUWS RH. Proposals for the writing of peer reviews in lexicography. *Hermes. Journal of Language and Communication in Business* 2015; **55**:107-114.
8. BUELENS G. 'En redders zult gij zijn van heel het Vaderland!' De artistieke en culturele beeldvorming van en herinnering aan de Eerste Wereldoorlog als een Vlaamse, Belgische of internationale aangelegenheid sinds 1914. *Volkskunde* 2015; **2**:151-176.
9. BURGER B. Vroulike muses en die kombuis as ondermynende ruimte in Louoond (1987) deur Jeanne Goosen. *Stilet: Tydskrif vir die Afrikaanse Letterkundevereniging* 2015; **xxvii** (1):46-60.
10. CLAASSEN D. 'n Evaluasie van Pharos Aanleerderwoordeboek vir skole/Learner's Dictionary for Schools en Longman-HAT Afrikaans Dictionary and Grammar for English Speakers in 'n Afrikaanse taalverwerwingskursus op universiteitsvlak. *Lexikos* 2015; **25**:31-55.
11. DU PLESSIS AH, SWART M. Towards Linking User Interface Translation Needs to Lexicographic Theory. *Lexikos* 2015; **25**:136-150.
12. FOURIE BLAIR H. Ekwivalentverhoudings in tweetalige woordeboeke: Implikasies vir die databasis van 'n elektroniese tweetalige woordeboek van Suid-Afrikaanse Gebaretaal en Afrikaans. *Lexikos* 2015; **25**:151-169.
13. FUERTES OLIVERA PA. La lexicografía de Internet: Los Diccionarios de Contabilidad. *Estudios de Lexicografía* 2015; **1**:49-60.
14. FUERTES OLIVERA PA. Lexicographical storing: A key lexicographical task in the era of the Internet. *Lexicographica* 2015; **31**:68-90.
15. GOUWS RH. The Presentation and Treatment of Collocations as Secondary Guiding Elements in Dictionaries. *Lexikos* 2015; **25**:170-190.
16. GOUWS RH. Wie is die teikengebruikers van eentalige aanleerderwoordeboeke? *Tydskrif vir Geesteswetenskappe* 2015; **55**(3):343-355.
17. GOUWS RH. Expanding the notion of addressing relations. *Lexicography* 2015; **1**(2):159-184.
18. GOUWS RH. Hacia una cultura lexicográfica de discusión crítica. *Estudios de Lexicografía* 2015; **4**:15-20.
19. HUIGEN S. De verspreiding van François Valentyns Oud en Nieuw Oost-Indiën in de achttiende en de negentiende eeuw. *Tydskrif vir Nederlands en Afrikaans* 2015; **22**:43-63.
20. KLOSA A, GOUWS RH. Outer features in e-dictionaries. *Lexicographica* 2015; **31**:142-172.

21. MARAIS SH. Die veranderinge in die diskoers oor gesondheid met verwysing na Sarie (1983-2013). *Stilet: Tydskrif vir die Afrikaanse Letterkundevereniging* 2015; **XXVII** (1):83-107.
22. PYM AD. A response to the response to "The case of the missing Russian translation theories". *Translation Studies* 2015; **8**(3):347-351.
23. PYM AD. Translating as risk management. *Journal of Pragmatics* 2015; **85**:67-80.
24. PYM AD, AYVAZYAN N. The case of the missing Russian translation theories. *Translation Studies* 2015; **8**(3):321-341.
25. PYM AD, TORRES-SIMÓN E. The pedagogical value of translation solution types. *Perspectives-Studies in Translatology* 2015; **23**(1):89-106.
26. STEYN JET. Van doekvoet na eendvoet: Die vertaling van Afrikaanse romans in Frans. *Litnet Akademies* 2015; **12**(1):106-130.
27. TARP S. Optimismo ciego o ceguera optimista. *Estudios de Lexicografía* 2015; **1**:148-149.
28. TARP S. Pocas veces. *Estudios de Lexicografía* 2015; **1**:14.
29. TARP S. La teoría funcional en pocas palabras. *Estudios de Lexicografía* 2015; **4**:31-42.
30. TARP S. On the disciplinary and functional status of economic lexicography. *Iberica* 2015; **29**:179-200.
31. TARP S. Structures in the communication between lexicographer and programmer: Database and interface. *Lexicographica* 2015; **31**:17-46.
32. TARP S. Preparing an Online Dictionary of Business Communication: From Idea to Design. *Lexikos* 2015; **25**:403-423.
33. TARP S. La lexicografía y su relación con otras disciplinas independientes como la lingüística y la ciencia de la información. *Lingüística y diccionarios* 2015; **25**:9-31.
34. TARP S. Presentación del Centro de Lexicografía de Aarhus, Dinamarca. *Estudios de Lexicografía* 2015; **4**:5-14.
35. TARP S, FUERTES OLIVERA PA. Manual de lexicografía especializada: La Construcción de Diccionarios de Internet. *Estudios de Lexicografía* 2015; **4**:227-234.
36. TARP S, RUIZ MIYARES L. Los diccionarios escolares cubanos: una experiencia para compartir. *Estudios de Lexicografía* 2015; **4**:185-198.
37. TSJOEN YN. Charl-Pierre Naudé en Gert Vlok Nel in Nederland en Vlaanderen: Laterale transnationale bewegingen van Afrikaanstalige schrijvers naar Nederlands en Engels. *Tydskrif vir Geesteswetenskappe* 2015; **55**(1):111-122.
38. TSJOEN YN. J. Bernlef and American Poetry: Poetic-Strategic Mentions of Marianne Moore. A Case Study. *Dutch Crossing-Journal of Low Countries Studies* 2015; **39**(1):84-93.
39. VAN DEN HEEVER AJ. 'n Alledaagse andersheid: 'n Ondersoek na Lauren Beukes se *Zoo City* as voorbeeld van heterotopiese literatuur. *Litnet Akademies* 2015; **12**(1):131-151.
40. VAN DOORSLAER LJA, GAMBIER Y. Measuring relationships in Translation Studies. On affiliations and keyword frequencies in the Translation Studies Bibliography. *Perspectives-Studies in Translatology* 2015; **23**(2):305-319.
41. VISAGIE A. Sinaps-opsporing tussen self en ander in Antjie Krog se *Mede-wete* (2014). *Tydskrif vir Letterkunde* 2015; **52**(2):225-234.

Books

1. DU TOIT PA, SMITH W. Stylboek. Riglyne vir paslik skryf. Protea Boekhuis, Pretoria, South Africa 2015:616 pp.
2. LUTHER J, PHEIFFER F, GOUWS RH. Handwoordeboek van die Afrikaanse Taal 6. Pearson Education, Kaapstad, South Africa 2015:1636 pp.

Chapters in books

1. FLYNN P, LEERSEN J, VAN DOORSLAER LJA. On translated images, stereotypes and disciplines. In: VANDOORSLAER LJA, Flynn P, Leersen J (eds.) *Interconnecting Translation Studies and Imagology*, John Benjamins, Amsterdam, Netherlands, 2015: 1-20.
2. HUIGEN S. Indië door een groene bril. De dagboeken van Sytze Roorda van Eysinga. In: Honings RAM, Van Zonneveld PAW (eds.) *Een tint van het Indische Oosten. Reizen in Insulinde, 1800-1950*, Uitgeverij Verloren, Hilversum, Netherlands, 2015: 55-64.
3. HUIGEN S. De circulatie van François Valentyns Oud en Nieuw Oost-Indiën in de achttiende en negentiende eeuw. In: Urbaniak J (ed.) *De deught behoeft geen loftrompet. Feestbundel ter gelegenheid van de zestigste verjaardag van Prof. Dr. Habil. Stefan Kiedron*, Neisse Verlag, Wroclaw, Poland, 2015: 61-82.
4. HUIGEN S. 'n Perspektief op die Nederlandstalige Suid-Afrikaanse Letterkunde, 1652-1925. In: Van Coller HP (ed.) *Perspektief en Profiel. 'n Afrikaanse literatuurgeskiedenis. Tweede Uitgawe, Deel 1*, Van Schaik, Pretoria, South Africa, 2015: 23-72.
5. SPIES L. Elisabeth Eybers (1915–2007). In: Van Coller HP (ed.) *Perspektief en Profiel. 'n Afrikaanse literatuurgeskiedenis. Tweede Uitgawe, Deel 1*, Van Schaik, Pretoria, South Africa, 2015: 750-774.
6. TARP S. Una base de datos – diez diccionarios distintos. In: Ruiz Miyares L (ed.) *Comunicación Social: Retos y Perspectivas*, Centro de Lingüística Aplicada, Santiago de Cuba, Cuba, 2015: 273-277.
7. VAN ZYL DP. Reza de Wet (1952-2012). In: Van Coller HP (ed.) *Perspektief en Profiel. 'n Afrikaanse literatuurgeskiedenis. Tweede Uitgawe, Deel 1*, Van Schaik, Pretoria, South Africa, 2015: 644-680.

ANCIENT STUDIES**Journal articles**

1. ANDRASON A. Towards the Ocean of the Biblical Hebrew Verbal System. *Folia Orientalia* 2015; **52**:11-32.
2. ANDRASON A, LYLE K. Functional Schizophrenia of Biblical Hebrew יָדָא and Its Cognitive Modelling: Part 1. *Journal of Northwest Semitic Languages* 2015; **41**(1):1-36.
3. ANDRASON A, LYLE K. Functional Schizophrenia of Biblical Hebrew יָדָא and Its Cognitive Modelling: Part 2. *Journal of Northwest Semitic Languages* 2015; **41**(2):1-30.
4. ANDRASON A, VAN DER MERWE CHJ. The Semantic Potential of Verbal Conjugations as a set of Polysemous Senses: The Qatal in Genesis. *Hebrew Studies* 2015; **56**:71-88.

5. COOK J. The Intention, Genre, Dating and Provenance of 2 and 4 Maccabees. *Journal for Semitics/Tydskrif vir Semitistiek* 2015; **24**(1):216-236.
6. COOK J. A theology of the Greek version of Proverbs. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. #2971, 11 pages.
7. CORNELIUS I. Revisiting the Seated Figure from Hirbet Salih /Ramat Rahel. *Zeitschrift des Deutschen Palastina-Vereins* 2015; **131**(1):29-43.
8. DU PLESSIS A, SLABBERT R, SWANEPOEL LC, ELS J, BOOYSEN GJ, IKRAM S, CORNELIUS I. Three-dimensional model of an ancient Egyptian falcon mummy skeleton. *Rapid Prototyping Journal* 2015; **21**(4):368-372.
9. IKRAM S, SLABBERT R, CORNELIUS I, DU PLESSIS A, SWANEPOEL LC, WEBER H. Fatal force-feeding or Gluttonous Gagging? The death of Kestrel SACHM 2575. *Journal of Archaeological Science* 2015; **63**:72-77.
10. KOTZE A. Protreptiek en paranese: perspektiewe op die wending in boek 10 van Augustinus se *Confessiones*. *Litnet Akademies* 2015; **12**(3):585-606.
11. KOTZE A. Three Instances of Greek Autobiographical Writing from the Fourth Century BCE. *Classical World* 2015; **109**(1):39-67.
12. KOTZÉ GR. Comments on the Expression of Hope in LXX Lamentations 5:19-22. *Old Testament Essays (New Series)* 2015; **28**(1):121-153.
13. KOTZÉ GR. Lion Imagery in 1 Maccabees 3:4. *Journal for Semitics/Tydskrif vir Semitistiek* 2015; **24**(1):326-351.
14. KRUGER PA. Emotions in the Hebrew Bible: A Few Observations on Prospects and Challenges. *Old Testament Essays (New Series)* 2015; **28**(2):395-420.
15. LOCATELL C. Jeremiah 31:34, New Covenant Membership, and Baptism. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**:1-14.
16. LYLE K. Benefits of Principled Analysis of Biblical Hebrew Prepositions. *Journal for Semitics/Tydskrif vir Semitistiek* 2015; **24**(2):403-426.
17. MASTERS S, WELMAN T. Disrupting context: making a case for the digital curation of classical antiquities in South Africa. *Akroterion: Journal for the Classics in South Africa* 2015; **60**:83-99.
18. RUNGE S. The Exegetical Significance of Synoptic Differences from the Standpoint of Discourse Grammar. *Journal of the Evangelical Theological Society* 2015; **58**(2):325-334.
19. SLABBERT R, SWANEPOEL LC, CORNELIUS I. Wat maak jou mummie? 'n Oorsig van die stand van mummienavorsing aan die hand van die 8ste wêreldkongres. *Tydskrif vir Geesteswetenskappe* 2015; **55**(1):1-14.
20. STIPP H. Zwei alte Jeremia-Erzählungen: Jeremia 28* und 36*. Fallstudien zum Ursprung der Jeremia-Erzähltradition. *Biblica* 2015; **96**(3):321-350.
21. THOM JC. Abraham Malherbe se bydrae tot Hellenistiese filosofie en die vroeë Christendom. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. #2996, 6 pages.

Proceedings international

1. CORNELI G. ¿Dónde está Platón? Enseñanza pública en la Academia de Platón. In: Arraras A, Braicovich RS (eds.) *Conocimiento, ética y estética en la Filosofía Antigua: Actas del II Simposio Nacional de Filosofía Antigua*. Rosario 2015, Argentina, Asociación Argentina de Filosofía Antigua 2015: 331-350.
2. THOM JC. Paul and Popular Philosophy. In: Breytenbach JC (ed.) *Paul's Graeco-Roman Context (62 Colloquium Biblicum Lovaniense)*, Leuven, Belgium, Peeters 2015: 47-74.

Chapters in books

1. RUNIA D. Cosmos, logos, and nomos: The Alexandrian Jewish and Christian appropriation of the Genesis creation account. In: Fuhrer T, Erler M (eds.) *Cosmologies et Cosmogonies dans La Littérature Antique*, Fondation Hardt, Vandœuvres, Switzerland, 2015: 179-217.

DRAMA**Journal articles**

1. KRUGER MS. Developing and Promoting Puppetry in South Africa: The Role of Arts Festivals. *International Journal of Humanities and Social Science* 2015; **5**(1):134-142.

Proceedings International

1. PRETORIUS MH. The hidden Curriculum of Drama Education in South Africa. In: Shoniregun C, Akmayeva G (eds.) *London International Conference on Education (LICE 2015)*, London, United Kingdom, Infonomics Society 2015: 93-99.

Proceedings National

1. DU PREEZ P. The Boundaries of Dance: Dancing and Puppets in Contemporary South African Theatre and the Illusions of Life. In: Friedman S (ed.) *Confluences 8: Negotiating Contemporary Dance in Africa*, Cape Town, South Africa, UCT School of Dance 2015: 236 - 248.
2. OLIVIER EE. Dancing [my] vernacular: Investigating the role of the choreographer-facilitator working with a diversity of bodies in the devised creation process of Ontwrig. In: Friedman S (ed.) *Confluences 8: Negotiating Contemporary Dance in Africa*, Cape Town, South Africa, University of Cape Town 2015: 83 - 95.

Chapters in Books

1. DU PREEZ P. Re-imagining Space and Identity: A New Generation of Post-Apartheid Afrikaans Playwrights. In: Homann G, Maufort M (eds.) *New Territories: Theatre, Drama, and Performance in Post-apartheid South Africa*, PIE Peter Lang, Brussels, Belgium, 2015: 205-221.

ENGLISH**Journal articles**

1. COWALOOSUR V. The Novels of Amitav Ghosh and the Integral Hegemony of English. *English Studies in Africa* 2015; **58**(1):1-13.
2. DE KOCK L. From the Subject of Evil to the Evil Subject: "Cultural Difference" in Postapartheid South African Crime Fiction. *Safundi: Journal of South African and American Studies* 2015; **16**(1):28-50.
3. DE VILLIERS DW. Okeanos contra oikoumené: the nineteenth-century resurgence of an adversarial paradigm. *Atlantic Studies* 2015; **12**(4):501-521.

4. DE VILLIERS DW. Catastrophic Turns: Romanticism, History and 'the Last Man'. *English Studies in Africa* 2015; **58**(2):26-40.
5. GAGIANO AH. African Authors and the Postcolonial Present. *Glocal Colloquies* 2015; **1**(1):82-99.
6. KAHYANA DS. Writing dictatorship and misrule in Uganda: Susan N. Kiguli's *The African Saga*. *Social Dynamics-A Journal of African Studies* 2015; **41**(3):502-515.
7. MUSILA GA. East and Central Africa. *Journal of Commonwealth Literature* 2015; **50**(4):481-492.
8. ODHIAMBO T, SIUNDU G. Journeying into Eastern African Literary and Cultural Studies. *Eastern African Literary and Cultural Studies* 2015; **1**(1&2):1-6.
9. PENFOLD GQ, DE KOCK L. To a dubious critical salvation: Etienne Leroux and the canons of South African English criticism. *Tydskrif vir Letterkunde* 2015; **52**(1):73-93.
10. ROUX D. Shakespeare and Tragedy in South Africa: From Black Hamlet to a Dream Deferred. *Shakespeare in Southern Africa* 2015; **27**:1-14.
11. SMUTS ME. "The Country of His Heart": J.M. Coetzee, Wordsworth and the Karoo Farm. *English in Africa* 2015; **42**(2):7-24.
12. TAGWIREI C, DE KOCK L. Whiteliner than white? Inversions of the racial gaze in white Zimbabwean writing. *African Identities* 2015; **13**(3):184-198.
13. TEMBO MN. Paranoia, 'Chosen trauma' and Forgiveness in Leah Chishugi's *a Long Way from Paradise*. *English Academy Review* 2015; **32**(2):70-87.
14. TEMBO MN. Representations of 'Economic Hit Men' in selected Malawian Poetry. *Marang: Journal of Language and Literature* 2015; **26**:173-190.
15. YENJELA DW. Rethinking Memory in Valerie Cuthbert's *The Great Siege of Fort Jesus*. *Eastern African Literary and Cultural Studies* 2015; **1**(3&4):117-129.
16. YENJELA DW. Young women's pathways to prison: A critique of selected Kenyan prison documentaries. *Agenda* 2015; **29**(4):135-145.

Books

1. MUSILA GA. *A Death Retold in Truth and Rumour*. Boydell & Brewer Ltd, Suffolk, United Kingdom 2015:216 pp.
2. RIBEIRO LFDR. *The Portuguese in the Creole Indian Ocean: Essays in Historical Cosmopolitanism*. Palgrave Macmillan, New York, USA 2015:224 pp.

Chapters in books

1. BARNARD R. Why not to teach Coetzee. In: Wright L, Poyner J, Boehmer E (eds.) *Approaches to Teaching Coetzee's Disgrace and Other Works*, MLA, New York, USA, 2014: 31-42.
2. BARNARD R, POPESCU M. Nelson Mandela. In: Casey S, Wright J (eds.) *Mental Maps in the Era of Détente and the End of the Cold War 1968-91*, Palgrave Macmillan, Hampshire, United Kingdom, 2015: 236-249.
3. COWALOOSUR V. Poems of Abhimanyu Unnuth, translated from Hindi into English. In: Arjane A, Jenkins M, Vadamotoo K (eds.) *Dodos and Dragons: An Anthology of Mauritian and Welsh Writing*, Atelier d'écriture, Rose Hill, Mauritius, 2015: 278-281.
4. GAGIANO AH. Contemporary Female Authors Imagining the Postcolonial Nation: Two Examples. In: Nicholson R, Marquis C, Szamosi G (eds.) *Contested Identities, Literary Negotiations in Time and Place*, Cambridge Scholars Publishing, Newcastle, United Kingdom, 2015: 177-195.

5. GAGIANO AH. Reading Khoekhoe and Khasi Folktales Juxtapositionally: Political Insights and Social Values in Two Traditional Narratives. In: Devy GN, Davis GV, Chakravarty KK (eds.) *Performing Identities: Celebrating Indigeneity in the Arts*, Routledge, New Delhi, India, 2015: 21-40.
6. MUSILA GA. Unoka's, Okonkwo's and Ezeulu's Grandsons in Taiye Selasi's *Ghana Must Go* and Dinaw Mengestu's *How to Read the Air*. In: Ogude J (ed.) *Chinua Achebe's Legacy: Illuminations from Africa*, Africa Institute of South Africa, Pretoria, South Africa, 2015: 92-105.
7. SIUNDU G. Youth, Athletics, and the Construction of Kalenjin Identities in Postcolonial Kenya. In: Feldman-Barrett C (ed.) *Lost Histories of Youth Culture*, Peter Lang Publishing Inc, New York, USA, 2015: 141-158.

GENERAL LINGUISTICS

Journal Articles

1. ATHANASOPOULOS P, BURNAND J, DAMJANOVIC L, BYLUND SPANGBERG NEE. Learning to think in a second language: Effects of proficiency and length of exposure in English learners of German. *Modern Language Journal* 2015; **99**(S1):138-153.
2. ATHANASOPOULOS P, BYLUND SPANGBERG NEE, MONTERO-MELIS G, DAMJANOVIC L, SCHATNER A, KIBBE A, RICHES N, THIERRY G. Two languages, two minds: Flexible cognitive processing driven by language of operation. *Psychological Science* 2015; **26**(4):518-526.
3. BERNARD T. The discursive construction of foundation programmes in South African media texts. *South African Journal of Higher Education* 2015; **29**(1):238-260.
4. BYLUND SPANGBERG NEE, ATHANASOPOULOS P. Introduction: Cognition, motion events, and SLA. *Modern Language Journal* 2015; **99**(S1):1-13.
5. BYLUND SPANGBERG NEE, ATHANASOPOULOS P. Televised Whorf: Cognitive restructuring in advanced foreign language learners as a function of audiovisual media exposure. *Modern Language Journal* 2015; **99**(S1):123-137.
6. BYLUND SPANGBERG NEE, ATHANASOPOULOS P. Motion event categorisation in a nativised variety of South African English. *International Journal of Bilingual Education and Bilingualism* 2015; **18**(5):588-601.
7. GAGIANO S, SOUTHWOOD F. The use of digit and sentence repetition in the identification of language impairment: The case of child speakers of Afrikaans and South African English. *Spil: Stellenbosch Papers in Linguistics* 2015; **44**:37-60.
8. KRIGE J, OOSTENDORP MCA. "Too late for tears, dear sister": Constructing victims and perpetrators of rape in the advice column *Dear Dolly* from 1984 to 2004. *Spil Plus* 2015; **46**:7-23.
9. LEE A, VAN DULM O, ROBB MP, ORMOND T. Communication restriction in adults who stutter. *Clinical Linguistics & Phonetics* 2015; **29**(7):536-556.
10. MENSAH HA, ANTHONISSEN C. Language policy in a multilingual school: The case of Windhoek International School in Namibia. *International Journal of Humanities and Cultural Studies* 2015; **2**(1):390-406.
11. MILLIN TJ. Reading to learn: A literature review within a South African context. *Spil: Stellenbosch Papers in Linguistics* 2015; **44**:105-124.

12. MONGIE LD. The discourse of liberation: Frames used in characterising the gay liberation movement in two South African newspapers. *Spil Plus* 2015; **46**:67-83.
13. NYAGA SK. "They do not know much, but then, you have to cover the syllabus": The quality imperative - a dilemma for teachers' in early grade multilingual classrooms in Kenyan primary schools. *Spil: Stellenbosch Papers in Linguistics* 2015; **44**:175-187.
14. OOSTENDORP MCA. The multimodal construction of the identity of politicians: Constructing Jacob Zuma through prior texts, prior discourses and multiple modes. *Critical Discourse Studies* 2015; **12**(1):39-56.
15. OOSTENDORP MCA, JONES T. Tension, ambivalence, and contradiction: a small story analysis of discursive identity construction in the South African workplace. *Text & Talk* 2015; **35**(1):25-47.
16. OOSTHUIZEN J. Reflexives and reflexive constructions in Afrikaans. *Spil Plus* 2015; **47**:99-127.
17. SOUTHWOOD F, VAN DULM O. The challenge of linguistic and cultural diversity: Does length of experience affect South African speech-language therapists' management of children with language impairment? *South African Journal of Communication Disorders* 2015; **62**(1): Art. #71, 14 pages.

GEOGRAPHY AND ENVIRONMENTAL STUDIES

Journal articles

1. ČARNI A, MUCINA L. Validations and typifications of some South European Syntaxa. *Hacquetia* 2015; **14**:1-11.
2. ADESUYI AS, MUNCH Z. Using Time-Series NDVI to Model Land Cover Change: A Case Study in the Berg River Catchment Area, Western Cape, South Africa. *International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering* 2015; **9**(5):537-542.
3. AKHANI H, MUCINA L. The Tamaricetea arceuthoidis: A New Class for the Continental Riparian Thickets of the Middle East, Central Asia and the Subarid Regions of the Lower Volga Valley. *Lazaroa* 2015; **36**:61-66.
4. ALTWEGG R, DE KLERK HM, MIDGLEY GF. Fire-Mediated Disruptive Selection Can Explain the Reseeder-Resprouter Dichotomy in Mediterranean-Type Vegetation. *Oecologia* 2015; **177**(2):367-377.
5. CALLAGHAN KL, ENGELBRECHT J, KEMP JN. The Use of Landsat and Aerial Photography for the Assessment of Coastal Erosion and Erosion Susceptibility in False Bay, South Africa. *South African Journal of Geomatics* 2015; **4**(2):65-79.
6. CHASI V, HOLLOWAY AJ, ORACH GARIMO C. Health Sector Shortcomings Associated with Measles Outbreaks in Cape Town, South Africa. *Global Risk Forum GRF Davos Planet at Risk* 2014; **2**(4):228-240.
7. CHOBOKOANE N, HORN AJ. Urban Compaction and Densification in Bloemfontein, South Africa: Measuring the Current Urban Form against Mangaung Metropolitan Municipality's Spatial Planning Proposals for Compaction. *Urban Forum* 2015; **26**:77-93.
8. CHYTRÝ M, DANIĚLS FJA, DI PIETRO R, KOROLEVA N, MUCINA L. Nomenclature Adjustments and New Syntax of the Arctic, Alpine and Oro-Mediterranean Vegetation. *Hacquetia* 2015; **14**(2):277-288.
9. CROSS AT, TURNER SR, MERRITT DJ, VAN NIEKERK A, RENTON M, DIXON K W, MUCINA L. Vegetation Patterns and Hydro-Geological Drivers of

- Freshwater Rock Pool Communities in the Monsoon-Tropical Kimberley Region, Western Australia. *Journal of Vegetation Science* 2015; **26**(1):1184-1197.
10. CUTTER SL, ISMAIL-ZADEH A, ALCÁNTARA-AYALA I, ALTAN O, BAKER DN, HOLLOWAY AJ, ET AL. Global Risks: Pool Knowledge to Stem Losses from Disasters. *Nature* 2015; **522**(7556):277-279.
 11. DI PIETRO R, THEURILLAT JP, CAPELO J, FERNÁNDEZ-GONZÁLEZ F, TERZI M, ČARNI A, MUCINA L. Nomenclature and Syntaxonomic Notes on Some High-Rank Syntaxa of the European Grassland Vegetation. *Lazaroa* 2015; **36**:79-106.
 12. DU PLESSIS DJ. Land-Use Mix in South African Cities and the Influence of Spatial Planning: Innovation or Following the Trend? *South African Geographical Journal* 2015; **97**(3):217-242.
 13. DU PLESSIS DJ, BOONZAAIER I. The Evolving Spatial Structure of South African Cities: A Reflection on the Influence of Spatial Planning Policies. *International Planning Studies* 2015; **20**(1-2):87-111.
 14. FERREIRA SLA, STRYDOM J, KRIEL M, GILDENHYS S. Tourism Development After Civil War in Malange Province, Angola. *South African Geographical Journal* 2015; **97**(2):158-182.
 15. FERREIRA V, VISSER GE. A Spatial Analysis of Gating in Bloemfontein, South Africa. *Bulletin of Geography: Socio-economic Series* 2015; **28**:37-51.
 16. FRANCIOLI AP. Investigating The Knowledge and Preparedness of Proximal Residents to a General Emergency Event at the Koeberg Nuclear Power Station. *Jamba: Journal of Disaster Risk Studies* 2015; **8**(2):1-10.
 17. FUSEINI I, KEMP JN. A review of spatial planning in Ghana's socio-economic development trajectory: A sustainable development perspective. *Land Use Policy* 2015; **47**:309-320.
 18. GAMA NS, WILLEMSE L. A descriptive overview of the education and income levels of domestic workers in post-apartheid South Africa. *GeoJournal: An International Journal on Human Geography* 2015; **80**(15):721-741.
 19. GEYER HS. The Growth and Decline of the West Midlands Region: An Integrated Evolutionary Perspective. *International Planning Studies* 2015; **20**(1-2):52-70.
 20. GEYER HS Jr, GEYER HS, DU PLESSIS DJ. Primary Cities in Sub-Saharan Africa: Quasars, Loose Connections, and Black Holes. *International Planning Studies* 2015; **20**(1-2):39-51.
 21. HOOGENDOORN G, VISSER GE. Focusing on the 'blessing' and not the 'curse' of second homes: notes from South Africa. *Area* 2015; **47**(2):179-184.
 22. HORN AJ. Urban Growth Management Best Practices: Towards Implications for the Developing World. *International Planning Studies* 2015; **20**(1-2):131-145.
 23. LOMBARD A, FERREIRA SLA. The spatial distribution of renewable energy infrastructure in three particular provinces of South Africa. *Bulletin of Geography: Socio-economic Series* 2015; **30**:71-85.
 24. LOTTERING NO, DU PLESSIS DJ, DONALDSON SE. Coping with Drought: The Experience of Water Sensitive Urban Design (WSUD) in the George Municipality. *Water SA* 2015; **41**(1):1-7.
 25. LYSSENKO T, MUCINA L. Nomenclatural Notes on Some Alliances of the Halophytic Vegetation of Southern Ural and the Caspian Lowlands. *Haquetia* 2015; **14**(2):301-306.
 26. MANDAKOVA T, WINTER P, AL-SHEHBAZ IA, MUCINA L, MUMMENHOFF K, LYSAK MA. IAPT/IOPB chromosome data 19: Brassicaceae. *Taxon* 2015; **64**(5):1073.

27. MATEVSKI V, CARNI A, CUSTEREVISKA R, KOSTADINOVSKI M, MUCINA L. Syntaxonomy of the Rocky Grasslands on Carbonate Bedrocks in the West and Southwest of the Republic of Macedonia. *Applied Ecology and Environmental Research* 2015; **13**(4):1197-1214.
28. MEYBURG BU, MENDELSON S, MENDELSON J, DE KLERK HM. Revealing unexpected uses of space by wintering *Aquila pomarina*: how does satellite telemetry identify behaviour at different scales? *Journal of Avian Biology* 2015; **46**(6):648-657.
29. MOOKHERJEE D, GEYER HS, HOERAUF E. Dynamics of an Evolving City-Region in the Developing World: The National Capital Region of Delhi revisited. *International Planning Studies* 2015; **20**(1-2):146-160.
30. MUCINA L, THEURILLAT JP. Descriptions and validation of the names of some high-rank syntaxa in the European Asplenietea trichomanis and Plypodietea. *Lazaroa* 2015; **36**:75-78.
31. MUSAKWA W, VAN NIEKERK A. Earth Observation for Sustainable Urban Planning in Developing Countries: Needs, Trends and Future Directions. *Journal of Planning Literature* 2015; **30**(2):149-160.
32. MUSAKWA W, VAN NIEKERK A. Monitoring sustainable urban development using built-up area indicators: a case study of Stellenbosch, South Africa. *Environment, Development and Sustainability* 2015; **17**(3):547-566.
33. PARRY K, VAN EEDEN A. Measuring racial residential segregation at different geographic scales in Cape Town and Johannesburg. *South African Geographical Journal* 2015; **97**(1):31-49.
34. SINGH RG, ENGELBRECHT J, KEMP JN. Change detection of bare areas in the Xolobeni region, South Africa using Landsat NDVI. *South African Journal of Geomatics* 2015; **4**(2):138-148.
35. STEFFEN S, BALL P, MUCINA L, KADEREIT G. Phylogeny, biogeography and ecological diversification of *Sarcocornia* (Salicornioideae, Amaranthaceae). *Annals of Botany* 2015; **115**(3):353-368.
36. STEPHENSON GR, DONALDSON SE, DU PLESSIS DJ, VAN NIEKERK A. Compiling a land audit in large rural areas: Results from the methodology applied in the non-urban areas of the Matzikama municipal area. *Town and Regional Planning* 2015; **66**(1):32-47.
37. THEURILLAT JP, MUCINA L, HAJEK M. Validations of high-rank syntaxa in Potamogetonetea and Scheuchzerio-Caricetea fuscae. *Lazaroa* 2015; **36**:13-19.
38. VERHOEF H, VAN EEDEN A. Identifying the challenges of creating an optimal dissemination geography for census. *South African Journal of Geomatics* 2015; **4**(1):50-64.
39. WALTHER BA, VAN NIEKERK A. Effects of climate change on species turnover and body mass frequency distributions of South African bird communities. *African Journal of Ecology* 2015; **53**(1):25-35.
40. WILLEMSE L. Some perceptions and preferences of residents' use of community neighbourhood parks in Mitchells Plain, Cape Town. *Town and Regional Planning* 2015; **66**:15-31.
41. WILLNER W, THEURILLAT JP, PALLAS J, MUCINA L. On the nomenclature of some high-rank syntaxa of European forest vegetation. *Phytocoenologia* 2015; **45**(1-2):175-181.
42. ZWEIG PJ. Everyday hazards and vulnerabilities amongst backyard dwellers: A case study of Vredendal North, Matzikama Municipality, South Africa. *Jamba: Journal of Disaster Risk Studies* 2015; **7**(1): Art. #210, 8 pages.

Proceedings international

1. PISTORIUS TGJ, POONA NK. Accuracy assessment of game-based crowdsourced land-use/ land cover image classification. 2014 IEEE International Geoscience and remote sensing simposium (IGARSS), Proceedings, Quebec, Canada, IEEE 2014: 4780-4783.

Proceedings national

1. VAN DER MERWE JH, VOS E. Landcover and landscape function: Determining the effect of change on carbon sequestration. 20th Annual International Association of Impact Assessors (IAIASA) National Conference, Kwa-Zulu Natal, South Africa, International Association of Impact Assessors 2015: 1-10.

Chapters in books

1. HOLLOWAY AJ. Advancing disaster risk governance in Madagascar: The role of higher education institutions. In: Ismail-Zadeh A (ed.) *Extreme Natural Hazards, Disaster Risks and Societal Implications*, Cambridge University Press, 2015: 234-240.
2. SPOCTER MA. Gating in the Western Cape, South Africa: Post-apartheid planning and environmental legacy. In: Bagaeeen S, Oduku O (eds.) *Beyond Gated Communities*, Routledge, New York, USA, 2015: 130-153.
3. VISSER GE. The Geography of Tourism. In: George R (ed.) *Managing tourism in South Africa*, Second Edition, Oxford University Press, South Africa, 2015: 41-63.
4. VISSER GE. Thinking beyond exclusionary gay male spatial frames in the developing world. In: Doan PL (ed.) *Planning and LGBTQ communities: The Need for Inclusive Queer Spaces*, Routledge, New York, USA, 2015: 81-93.
5. WILLEMSE L. The role of economic factors and guanxi networks in the success of Chinese shops in Johannesburg. In: Crush J, Chikanda A, Skinner C (eds.) *Mean Streets migration, xenophobia and informality in South Africa*, Southern African Migration Programme, Cape Town, South Africa, 2015: 113-131.
6. WISNER B, PELLING M, MASCARENHAS A, HOLLOWAY AJ, ET AL. Small cities and towns in Africa: The challenge and opportunity of climate change. In: Pauleit S, Coly A, Fohlmeister S, Et al (eds.) *Urban Vulnerability and Climate Change in Africa: A Multidisciplinary Approach*, Springer, Switzerland, 2015: 153-196.
7. ZWEIG PJ. Community Risk Assessment and Disaster Mitigation: Case Studies from Philippi Informal Settlement. In: Brown-Luthango M (ed.) *State/ Society Synergy in Philippi*, Cape Town, African Centre for Cities, Cape Town, South Africa, 2015: 263-289.

HISTORY**Journal articles**

1. BOTHA RP. Teaching and Learning Subsistence Skills: Did Premodern Hominins Use Language to Do It? *Cambridge Archaeological Journal* 2015; **25**(4):901-908.
2. DUNBAR D, SWART SS. The Devil Rejoiced: Volk, Devils and Moral Panic in White South Africa, 1978–1982. *Journal of Historical Sociology* 2015; **28**(2):235-263.

3. EHLERS A. The Helpmekaar: Rescuing the "volk" through reading, writing and arithmetic, c.1916-c.1965. *Historia* 2015; **60**(2):87-108.
4. GILIOMEE HB. Mandela and the last Afrikaner leaders: A shift in power relations. *New Contree* 2015; **72**:69-72.
5. LABAND JPC. Toppling Statues, Burning Books and the Humanities in South African Universities. *The Journal of the Helen Suzman Foundation* 2015; **76**:15-21.
6. MUIRHEAD J, SWART SS. The Whites of the Child? Race and Class in the Politics of Child Welfare in Cape Town c. 1900-1924. *Journal of the History of Childhood and Youth* 2015; **8**(2):229-253.
7. MWATWARA W, SWART SS. 'It is no use advising us! Command us and we will obey': Livestock Management, Soil Conservation and the State in Southern Rhodesia, c. 1930-1950. *Environment and History* 2015; **21**(4):567-596.
8. MWATWARA W, SWART SS. 'If our cattle die, we eat them but these white people bury and burn them!' African Livestock Regimes, Veterinary Knowledge and the Emergence of a Colonial Order in Southern Rhodesia, c. 1860-1902. *Kronos: Southern African Histories (Kronos: Journal of Cape History)* 2015; **41**:96-125.
9. SNYDERS H. Profits, harvests or public revenue? Divergent interests and guano fertiliser struggles in the Cape Colony; c.1872-1910. *Historia* 2015; **60**(2):160-184.
10. SWART SS. Reviving Roadkill? Animals in the New Mobilities Studies. *Transfers: Interdisciplinary Journal of Mobility Studies* 2015; **5**(2):81-101.
11. SWART SS. History eats its young. *Seminar* 2015; **673**(1):24-29.
12. VAN DER MERWE SD. Kruger's lost voice: Nation and race in pre-World War 1 Afrikaans music records. *Historia* 2015; **60**(1):110-128.
13. VAN DER WATT SME, SWART SS. Falling off the map: South Africa, Antarctica and Empire, c. 1919-59. *Journal of Imperial and Commonwealth History* 2015; **43**(2):267-291.
14. VAN WYK AS. The militarisation of the Platfontein San (!Xun and Khwe): The initial years 1966-1974. *Journal for Transdisciplinary Research in Southern Africa* 2014; **10**(3):133-151.
15. VENTER GB. Long Balls in the Dying Moments: Exploring the Decline of South Africa's National Football League, 1970-1977. *International Journal of the History of Sport* 2015; **32**(2):265-285.

Proceedings international

1. NASSON WR. The Union of South Africa, a Greater South Africa, and Turkey in the Great War. *Uluslararası Kongresi 100 Yilinda 1, Dunya Savasi Mirasi Bildiriler Cilt, Istanbul, Turkey, Renk Aryimi ve Baski* 2015: 42-50.

Chapters in books

1. GILIOMEE HB. Piet Cillié se invloed en denke. In: Rabe L (ed.) 'n Konstante Revolusie: Naspers, Media 24 en Oorgange: 1914-2014, Tafelberg, Cape Town, South Africa, 2015: 39-50.
2. NASSON WR. British Imperial Africa. In: Gerwarth R (ed.) *Empires at War, 1911-1923*, Oxford University Press, London, United Kingdom, 2015: 130-151.
3. SCHOLTZ WLVR. Pers, party en Afrikanernasionalisme. In: Rabe L (ed.) 'n Konstante Revolusie: Naspers, Media 24 en Oorgange: 1914-2014, Tafelberg, Cape Town, South Africa, 2015: 27-36.

4. SWART SS. *Zombie Zoology: History and Reanimating Extinct Animals*. In: Nance S (ed.) *The Historical Animal*, Syracuse University Press, New York, USA, 2015: 54-71.

INFORMATION SCIENCE

Journal Articles

1. LATEGAN BC. "Incompleteness" and the Quest for Multiple Identities in South Africa". *Africa Spectrum* 2015; **50**(3):81-107.
2. LE ROUX DB. Experiences of Misfit as Cues for Sensemaking of ERP's. *African Journal of Information & Communication* 2015; **15**:68-80.

Proceedings International

1. BELABBACI A, ZIADI D, CHERROUN H, CLEOPHAS LGWA. Construction of Thompson's Automaton from a Regular Tree Expression. 3rd International Workshop on Trends in Tree Automata and Tree Transducers (TTATT 2015), London, United Kingdom, Etap 2015: 1-11.
2. GUELLOUMA Y, ZIADI D, CHERROUNE H, WATSON BW. From tree automata to string automata minimization. 3rd International Workshop on Trends in Tree Automata and Tree Transducers (TTAT 2015), London, United Kingdom, Etap 2015: 1-13.
3. KLARMAN S, BRITZ K. Towards Unsupervised Ontology Learning from Data. In: Booth R, Casini G, Klarman S, Richard G, Varzinczak I (eds.) *Proceedings of the International Workshop on Defeasible and Ampliative Reasoning (DARE-15)*, Buenos Aires, Argentina, BURA News 2015: 1-7.
4. NXUMALO M, KOURIE DG, CLEOPHAS LGWA, WATSON BW. An Aho-Corasick Based Assessment of Algorithms Generating Failure Deterministic Finite Automata. In: Yahia SB, Konecny J (eds.) *Proceedings of the Twelfth International Conference on Concept Lattices and Their Applications (CLA 2015)* - CEUR WS, France, Blaise Pascal University 2015: 87-98.
5. STRAUSS T, KOURIE DG, WATSON BW, CLEOPHAS LGWA. Process-Based Aho-Corasick Failure Function Construction. In: Welch PH (ed.) *Communicating Process Architectures 2015 (CPA)*, Canterbury, United Kingdom, Open Channel Publishing Ltd 2015: 1-24.
6. TRAVNICEK J, JANOUSEK J, MELICHAR B, CLEOPHAS LGWA. Backward Linearised Tree Pattern Matching. In: Dediu A-H, Formenti E, Martin-Vide C, Truthe B (eds.) *9th International Conference on Language and Automata Theory and Applications (LATA 2015)* LNCS, Nice, France, Springer 2015: 599-610.
7. WATSON BW, KOURIE DG, CLEOPHAS LGWA. Quantum Leap Pattern Matching - A New High Performance Quick Search-Style Algorithm. In: Holub J, Žďárek J (eds.) *Proceedings of the Prague Stringology Conference 2015 (PSC 2015)*, Prague, Czech Republic, Prague Stringology Club 2015: 104-117.

Proceedings National

1. BRAND DJ, KROON RS, VAN DER MERWE AB, CLEOPHAS LGWA. N-Gram Representations for comment filtering. In: Barnett RJ, Cleophas LGWA, Kourie DG, Le Roux DB, Watson BW (eds.) *Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and*

- Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-10.
2. CORNELISSEN LA. Networked Knowledge Sense: Towards an intergrated Knowledge Management Approach. In: Du Toit ASA (ed.) Proceedings of the 1st Southern African Knowledge Management Summit - Shaping Minds for Africa: Knowledge Management as a Competitive Strategy, Pretoria, South Africa, Research Gate 2015: 4-14.
 3. GOOSEN RJ, KINGHORN J. Sense, Signal and Software: A Sensemaking Analysis of Meaning in Earlywarning Systems. In: Du Toit ASA (ed.) Proceedings of the 1st Southern African Knowledge Management Summit - Shaping Minds for Africa: Knowledge Management as a Competitive Strategy, Pretoria, South Africa, Research Gate 2015: 15-26.
 4. JONKER JW, LE ROUX DB. A system dynamics approach to increasing user participation in a blog-based online social network. In: Barnett RJ, Cleophas LGWA, Kourie DG, Le Roux DB, Watson BW (eds.) Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-14.
 5. NETTERVILLE RN, CORNELISSEN LA. Organisation as a Game: An Exploratory Framework for the Interpretation of Organisations. In: Du Toit ASA (ed.) Proceedings of the 1st Southern African Knowledge Management Summit - Shaping Minds for Africa: Knowledge Management as a Competitive Strategy, Pretoria, South Africa, Research Gate 2015: 41-51.
 6. PARRY DA, PRETORIUS C. Maps as a technique for visualizing load-shedding schedules. In: Barnett RJ, Cleophas LGWA, Kourie DG, Le Roux DB, Watson BW (eds.) Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-9.
 7. SCHAEFER I, SEIDL C, CLEOPHAS LGWA, WATSON BW. SPLicing TABASCO: Custom-Tailored Software Product Line Variants from Taxonomy-Based Toolkits. In: Barnett RJ, Cleophas LGWA, Kourie DG, Le Roux DB, Watson BW (eds.) Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-10.
 8. SIMPSON J, CORNELISSEN LA. It Is Not What You Know: A Study of Graduate Job Access in South Africa. In: Du Toit ASA (ed.) Proceedings of the 1st Southern African Knowledge Management Summit - Shaping Minds for Africa: Knowledge Management as a Competitive Strategy, Pretoria, South Africa, Research Gate 2015: 52-61.

Books

1. LATEGAN BC. Hermeneutics and Social Transformation - A selection from the essays of Bernard C. Lategan. Sun Press, Stellenbosch, South Africa 2015:303 pp.

JOURNALISM

Journal articles

1. ECKHARDT M. Ulbrichts Scheitern. Warum der SED-Chef nicht die Absicht hatte, eine "Mauer" zu errichten, sie aber dennoch bauen ließ. *Das Historisch-Politische Buch* 2015; **63**(3):281.
2. ECKHARDT M. Karl Schmückle: Begegnungen mit Don Quijote. *Ausgewählte Schriften. Das Historisch-Politische Buch* 2015; **63**(2):148.
3. ECKHARDT M. Die karolingische Reichsklosterkirche Centula (Saint Riquir) und ihr Reliquienschatz. *Das Historisch-Politische Buch* 2015; **63**(1):39-40.
4. ECKHARDT M. Das Jenaer Studium der Rechte im Dritten Reich. Zwischen Tradition und nationalsozialistischer Ideologie. *Zeitschrift für Thüringische Geschichte* 2015; **69**:422-424.
5. ECKHARDT M. Das Jenaer Studium der Rechte im Dritten Reich. Zwischen Tradition und nationalsozialistischer Ideologie. *Das Historisch-Politische Buch* 2015; **63**(4):404-405.
6. ECKHARDT M. Auf Afrikas Spuren in Berlin. Die Mohrenstraß und andere koloniale Erblasten. *Mitteilungen des Vereins für die Geschichte Berlins* 2015; **4**(111):572-573.
7. ECKHARDT M. Das Jenaer Studium der Rechte im Dritten Reich, Zwischen Tradition und nationalsozialistischer Ideologie. *Richter ohne Robe* 2015; **27**(2):75.
8. ECKHARDT M. Faschismusforschung im Spiegel der Kritik. *Das Historisch-Politische Buch* 2015; **63**(4):381.
9. ECKHARDT M. Im Dienste des Rechts. Der oberste Richter der DDR erinnert sich. *Richter ohne Robe* 2015; **27**(3):117-118.
10. ECKHARDT M. "Judenforschung" im "Mustergau": Die Brüder Buchmann und die Schriftenreihe "Thüringer Untersuchungen zur Judenfrage" (1939-1944). *Zeitschrift für Thüringische Geschichte* 2015; **69**:411-414.
11. ECKHARDT M. Missions and Media. *The Politics of Missionary Periodicals in the Long Nineteenth Century*. Edited by Felicity Jensz and Hanna Acke. Stuttgart: Franz Steiner Verlag, 2013. Pp. 263. *Das Historisch-Politische Buch* 2015; **63**(1):97
12. ECKHARDT M. Wilfried Stallknecht und das industrialisierte Bauen. Ein Architektenleben in der DDR. *Zeitschrift des Forschungsverbundes SED-Staat* 2015; **20**(37):184-186.
13. GUNDE AM. Rethinking media ownership and democratic governance in Malawi from 2002-2012. *Development* 2015; **58**(1):72-78.
14. GUNDE AM. Online News Media, Religious Identity and Their Influence on Gendered Politics: Observations from Malawi's 2014 Elections. *Journal of Religion, Media and Digital Culture* 2015; **4**(1):39-67.
15. RABE L. "Rubriekmaak" a la ryk, ryker, Rykie - Rykie van Reenen en enkele merkers vir hedendaagse blog-rubriekskrywers. *Litnet Akademies* 2015; **12**(2):172-195.

Proceedings international

1. ECKHARDT M. Im Gedenken an den philosophischen Anreger und Modernisierer: vier Erinnerungen an Georg Klaus anlässlich seines 100. Geburtstages. In: ECKHARDT M (ed.) *Abhandlungen der Leibniz-Sozietät der Wissenschaften / Georg Klaus-Memorial Conference, Berlin, Germany, Trafo Wissenschaftsverlag* 2015: 503-508.

2. ECKHARDT M. Der Wissenschaftler Georg Klaus: Versuch einer Einführung. In: ECKHARDT M (ed.) Abhandlungen der Leibniz-Sozietät der Wissenschaften / Georg Klaus-Memorial Conference, Berlin, Germany, Trafo Wissenschaftsverlag 2015: 17-24.
3. ECKHARDT M. Schriftenverzeichnis zu Georg Klaus (1948-2013). In: ECKHARDT M (ed.) Abhandlungen der Leibniz-Sozietät der Wissenschaften / Georg Klaus-Memorial Conference, Berlin, Germany, Trafo Wissenschaftsverlag 2015: 565-590.

Books

1. RABE L. Mediavryheid, Hertzog, "blok-aandele" en bloc-mag". S.A. Akademie vir Wetenskap en Kuns, Pretoria, South Africa 2015:27 pp.

Chapters in books

1. BOTMA GJ. 'WEG Louw se Spook' en die 'oop gesprek': Die Burger se kunsblad in die oorgangsjare na demokrasie. In: Rabe L (ed.) 'n Konstante Revolusie: Naspers, Media 24 en Oorgange: 1914-2014, Tafelberg, Kaapstad, South Africa, 2015: 139-147.
2. ECKHARDT M. Einführung. In: Eckhardt M (ed.) Quellen zur Geschichte Thüringens, Staatsbürgerliche Erziehung in Thüringen: Die Schriftenreihe "Republik und Jugend" (1922-1923) des Thüringischen Ministeriums für Volksbildung, Volksbildung, Erfurt, Germany, 2015: 7-28.
3. RABE L. Twintig dae in Desember: Naspers, Die Burger, Cillié en Verwoerd. In: Rabe L (ed.) 'n Konstante Revolusie: Naspers, Media 24 en Oorgange: 1914-2014, Tafelberg, Kaapstad, South Africa, 2015: 53-63.

MODERN FOREIGN LANGUAGES

Journal Articles

1. ANNAS R. Zur Frage der Zugehörigkeit. 150 Jahre deutsche Sprache und Kultur am Kap. Acta Germanica, German Studies in Africa 2015; **43**:78-89.
2. BOWD GP. Calling Planet Marx: Nicolae Ceauçescu's Cultural Revolution. Twentieth Century Communism 2015; **9**:136-147.
3. BOWD GP. La Poésie des Ardennes occupées, 1914-1918. Lublin Studies in Modern Languages and Literature 2015; **39**(1):21-36.
4. DOS SANTOS IC. "Eine Art Geistesanwesenheit anderen Orts" Zur Passion von Felicitas Hoppe. Acta Germanica, German Studies in Africa 2015; **43**:236-244.
5. DU TOIT MCK. Polyphony and counterpoint: Mechanisms of seduction in the diaries of Helen Hessel and Henri Pierre Roché. Literator 2015; **36**(2): Art. # 1193, 9 pages.
6. HESS-LÜTTICH EWB. Komparative Ästhetiken. Zeitschrift für Interkulturelle Germanistik 2015; **6.1**:179-187.
7. HESS-LÜTTICH EWB. Zwei Kulturen im Dialog: Sprache, Literatur und Wissen(schaft). Ein Projektvorschlag. Zeitschrift des Vereins Deutsche Sprache Georgien 2015; **11**:61-66.
8. HESS-LÜTTICH EWB. Bericht des Präsidenten der Gesellschaft für Interkulturelle Germanistik 2010-2015 (Protokoll der Mitgleiderversammlung,

- Vorstandsbericht, Finanzbericht). Zeitschrift für Interkulturelle Germanistik 2015; **6.1**:209-220.
9. LAURIEN I. "Einer wie Leutnant Wurche" Anmerkungen zur literarischen Vermittlung von Opferkult und Krieg in Walter Flex' *Der Wanderer zwischen beiden Welten* (1916). *Acta Germanica, German Studies in Africa* 2015; **43**:130-144.
 10. LEVEEL ECG. Malentendu à Moscou. Un nouveau chapitre détourné de l'autobiographie beauvoirienne? *French Studies in Southern Africa* 2015; **45**:186-196.
 11. NCUBE G. Le coming-out et la réinvention de soi à travers l'autofiction: Abdellah Taïa, Rachid O. et Eyet-Chékib Djaziri. *French Studies in Southern Africa* 2015; **45**:197-216.
 12. NCUBE G, SIZIBA G. Mugabe's fall from grace: satire and fictional narratives as silent forms of resistance in/on Zimbabwe. *Social Dynamics-A Journal of African Studies* 2015; **41**(3):516-539.
 13. VON MALTZAN CH. Fantasie ist Erkenntnisgewinn: Felicitas Hoppe im Gespräch mit Carlotta von Maltzan. *Acta Germanica, German Studies in Africa* 2015; **43**:245-258.

Proceedings International

1. DOS SANTOS IC. Aschenputtel in Afrika. Exotismus, Klischee und das (inter-)kulturelle Potenzial von Märchen im Märchenseminar. In: Brinker-von der Heyde C, Ehrhardt H, Ewers H-H, Inder A (eds.) *Mädchen, Mythen und Moderne: 200 Jahre Kinder- und Hausmärchen der Brüder Grimm, Teil 2 / Fairy tales, Myths and Modernity: 200 years of Children's and Household Tales of the Brothers Grimm*, Frankfurt am Main, Germany, Peter Lang 2015: 649-658.
2. HESS-LÜTTICH EWB. Zeichen der Stadt. Interkulturelle Sprachlandschaften in urbanen Räumen. In: Peschel C, Runschke K (eds.) *Sprachvariation und Sprachreflexion in interkulturellen Kontexten*, Frankfurt, Germany, Peter Lang 2015: 349-373.
3. HESS-LÜTTICH EWB. Deutsch lernen lohnt sich. Lohnt es sich? Germanistik global: wozu und zu welchem Ende Deutsch lernen/studieren? In: Clalüna M, Tscharner B (eds.) *Fünften Gesamtschweizerischen Tagung für Deutschlehrerinnen und Deutschlehrer (Deutsch lohnt sich DaF/DaZ in Schule, Studium und Beruf)*, Bern, Switzerland, Käser 2015: 11-22.

Chapters in Books

1. BOWD GP. 'Fortify the Cheviots!': The Nazis and the Scottish Nationalists. In: Ugolini W, Pattinson J (eds.) *Fighting for Britain? Negotiating Identities in Britain During the Second World War*, Peter Lang, Oxford, United Kingdom, 2015: 161-184.
2. DU TOIT MCK. Le devenir écrivain. In: Rockenstrocly X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 22-30.
3. DU TOIT MCK. Don Juan et ... totalité ou dispersion? In: Rockenstrocly X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 85-92.
4. DU TOIT MCK. Henri dit Pierre Roché, fils de... In: Rockenstrocly X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 13-21.
5. DU TOIT MCK. Journaux croisé, textes creusés. In: Rockenstrocly X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 144-156.
6. DU TOIT MCK. Roché et la notion de "race". In: Rockenstrocly X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 130-131.

7. DU TOIT MCK. "Vivre à la galope". In: Rockenstrocly X (ed.) Henri Pierre Roché, L'Herne, Paris, France, 2015: 37-49.
8. DU TOIT MCK. Les absents tont toujours tort ou la Grande Guerre d'Henri Pierre Roché. In: Rockenstrocly X (ed.) Henri Pierre Roché, L'Herne, Paris, France, 2015: 80-84.
9. DU TOIT MCK. Les premiers tatonnements littéraires d'Henri Pierre Roché. In: Rockenstrocly X (ed.) Henri Pierre Roché, L'Herne, Paris, France, 2015: 71-79.
10. DU TOIT MCK. Roché et Gertrude Stein. In: Rockenstrocly X (ed.) Henri Pierre Roché, L'Herne, Paris, France, 2015: 273-275.
11. HESS-LÜTTICH EWB. How does the writer of a dramatic text interact with his audiences? On the pragmatics of literary communication. In: Sell RD (ed.) Literary Pragmatics, Routledge, New York, USA, 2015: 225-259.
12. HESS-LÜTTICH EWB. Das Netz vergisst nie? Von der Flüchtigkeit digitaler Poesie. In: Espagne M, Rabault-Feuerhahn P, Simo D (eds.) Afrikanische Deutschland-Studien und deutsche Afrikanistik. Ein Spiegelbild, Königshausen & Neumann, Würzburg, Germany, 2015: 207-228.
13. HESS-LÜTTICH EWB. Talkshows simulieren politische Debatten. Über einige Strategien politischer Inszenierung im TV-Gespräch am Beispiel von Sendeformaten wie Club und Arena im Schweizer Fernsehen. In: Girnth H, Michel S (eds.) Polit-Talkshow: Interdisziplinäre Perspektiven auf ein multimodales Format, ibidem, Stuttgart, Germany, 2015: 71-95.
14. HESS-LÜTTICH EWB. Brecht übersetzen. Übung zur interkulturellen Parömiologie. In: Colliander P, Hansen D, Zint-Dyhr I (eds.) Linguistische Aspekte der Übersetzungswissenschaft, Stauffenberg, Tübingen, Germany, 2015: 141-158.
15. HESS-LÜTTICH EWB. Kyoto und keine Konsequenzen? Energetischer Stadtumbau in Berlin nach der Katastrophe von Fukushima: eine Aufgabe öffentlicher Kommunikation. In: HESS-LÜTTICH EWB, Takahashi Y (eds.) Orient im Okzident, Okzident, im Orient: West-östliche Begegnungen in Sprache und Kultur, Literatur und Wissenschaft, Peter Lang, Frankfurt, Germany, 2015: 287-314.
16. HESS-LÜTTICH EWB. Wenn Wissenschaft auf Alltag trifft und Arzt auf Patient, Bausteine zur Rhetorikgeschichte medizinischer Kommunikation. In: Szurawitzki M, Busch-Lauer I, Rössler P, Krapp R (eds.) Wissenschaftssprache Deutsch: International, Interdisziplinär, Interkulturell, Narr Verlag, Tübingen, Germany, 2015: 321-352.
17. HOLDENRIED MA. Mexikanische Geschichten und ägyptische Palmblätter-Konfessionen Wielands Beyträge als Umrisskizze einer frühen ethnopsychologischen Allegorie. In: Hermes S (ed.) Der ganze Mensch - die ganze Menschheit, De Gruyter, Berlin, Germany, 2015: 87-103.
18. HOLDENRIED MA. Spuren lesen. Forschungsreisen als Sujet der Gegenwartsliteratur. In: Sahni M, Rajan RV, Harshvardhan C (eds.) Cultural contexts and literary forms. Essays on genre, Peter Lang, Bern, Switzerland, 2015: 127-149.
19. HOLDENRIED MA. "Denn in Wahrheit kommt es auf Tatkraft an, nicht auf Rekonstruktion". Biographische Fiktion im Werk Felicitas Hoppes. In: HOLDENRIED MA (ed.) Felicitas Hoppe: Das Werk, Erich Schmidt Verlag, Berlin, Germany, 2015: 233-251.
20. LEVEEL ECG. Simone de Beauvoir: voyager à l'Est. In: Corbi Saez MI, Llorca Tonda MA (eds.) Simone de Beauvoir. Lectures actuelles et regards sur l'avenir

- / Simone de Beauvoir. *Today's readings and glances on the future*, Peter Lang, Bern, Switzerland, 2015: 183-197.
21. PAKENDORF G. "Muttersprache und Väterbrauch" Der Einfluss der Nachfahren deutscher Missionare und Pfarrer auf das Fach Deutsch an südafrikanischen Schulen und Universitäten im 20. Jahrhundert. In: Lessing H, Dederling T, Kampmann J, SMIT DJ (eds.) *Umstrittene Beziehungen. Protestantismus zwischen dem südlichen Afrika und Deutschland von den 1930er Jahren bis in die Apartheidzeit / Contested Relations. Protestantism between Southern African and Germany from the 1930s to the Apartheid Era*, Harrassowitz Verlag, Wiesbaden, Germany, 2015: 200-215.
 22. STEYN M. *Deux Anglaises et le Continent: roman épistolaire, journal intime, autobiographie? Une exploration de l'écriture de soi dans le roman d'Henri Pierre Roché*. In: Rockenstrocy X (ed.) *Henri Pierre Roché*, L'Herne, Paris, France, 2015: 123-129.

MUSIC

Journal articles

1. DE JONGH MS. Armed with a light bulb at the end of a cord: the ten-year journey of DOMUS. *Fontes Artis Musicae* 2015; **62**(3):212-221.
2. FRONEMAN W. Music and landscape: two tales of borehole drilling in the Karoo. *Cultural Geographies* 2015; **22**(4):713-722.
3. LAMBRECHTS L. The House Where History Ended Up: Packing Up the Ben Segal Collection. *Fontes Artis Musicae* 2015; **62**(3):166-182.

Proceedings international

1. ROUX GW. Process Improvement in Audio Production from a Sociotechnical Systems Perspective. 139th Convention of the Audio Engineering Society, New York, USA, Audio Engineering Society 2015: 1-7.

PHILOSOPHY

Journal articles

1. ANDRADE JA. Reconceptualising Whistleblowing in a Complex World. *Journal of Business Ethics* 2015; **128**:321-335.
2. BESTER JC. Vaccine Refusal and trust: The trouble with coercion and education and suggestions for a cure. *Journal of Bioethical Inquiry* 2015; **12**:555-559.
3. DU TOIT HL. "When Everything Starts to Flow": Nkrumah and Irigaray in Search of Emancipatory Ontologies. *Phronimon: Journal of the South African Society for Greek Philosophy and the Humanities* 2015; **16**(2):1-20.
4. DU TOIT HL. Die Ekwivalente Waardering van Seksuele Spesifisiteit Perkament vir die Inskripsie van 'n Geslagsgeregtigheid wat nog moet kom. *Tijdschrift Voor Filosofie* 2015; **77**(1):27-54.
5. HATTINGH L. Moral challenges in managed care. *South African Journal of Bioethics and Law* 2015; **8**(2):17-20.
6. HORN LM. Public health, beneficence and cosmopolitan justice. *South African Journal of Bioethics and Law* 2015; **8**(2):30-33.

7. HORN LM. Public health and social justice: Forging the links. *South African Journal of Bioethics and Law* 2015; **8**(2):26-29.
8. LOUW DJ. UBUNTU heroorweeg. *Tijdschrift Voor Filosofie* 2015; **77**(1):7-26.
9. MALACHOWSKI A. Rorty against the Ontologist. *European Legacy-Toward New Paradigms* 2014; **19**(2):187-196.
10. NIEMAND JR. 'Cultures' and Cultural Protection. *Human Affairs* 2015; **25**:251-260.
11. PALK AC. The implausibility of appeals to human dignity: an investigation into the efficacy of notions of human dignity in the transhumanism debate. *South African Journal of Philosophy* 2015; **34**(1):39-54.
12. PHILLIPS A, BYRNE DC, GOUWS A, LEWIS D, DU TOIT HL, VILJOEN E. A conversation with Anne Phillips on multiculturalism. *Gender Questions* 2015; **3**(1):4-24.

Chapters in books

1. COETZEE AA. Rape and the Limits of the Law: Revisiting the Criticism against the South African Sexual Violence Legislation. In: Gobodo-Madikizela P, Van Schalkwyk S (eds.) *A Reflexive Inquiry into Gender Research: Towards a New Paradigm of Knowledge Production & Exploring New Frontiers of Gender Research in Southern Africa*, Cambridge Scholars Publishing, Newcastle, United Kingdom, 2015: 3-25.
2. DU TOIT HL. The South African Constitution as Memory and Promise an Exploration of its Implications for Sexual Violence. In: De Ville J (ed.) *Memory and Meaning: Lourens du Plessis and the haunting of Justice*, Lexis Nexis (Pty) Ltd, Cape Town, South Africa, 2015: 81-99.
3. STEIN DJ, VAN NIEKERK AA. Ethics of Psychopharmacology. In: Sadler JZ, Van Staden CW, Fulford KWM (eds.) *The Oxford Handbook of Psychiatric Ethics*, Volume 2, Oxford University Press, United Kingdom, 2015: 1175-1190.
4. VAN NIEKERK AA. Exploitation. In: Tenhave H (ed.) *Encyclopedia of Global Bioethics*, Springer Science and Business Media, Dordrecht, Netherlands, 2015: 1-12.
5. VAN NIEKERK AA. Sexual Ethics. In: Tenhave H (ed.) *Encyclopedia of Global Bioethics*, Springer Science and Business Media, Dordrecht, Netherlands, 2015: 1-10.
6. VAN NIEKERK AA. Vriendskap en Liefde. In: Becker MJ, Brugmans E, Hermens J (eds.) *Rondom Vriendschap. Filosofische Beschouwingen: Opstellen Aangeboden Aan Paul Van Tongeren*, Klement Zoetermeer, Netherlands, 2015: 33-46.

POLITICAL SCIENCE

Journal articles

1. BERG-SCHLOSSER DH. The Impact of the Great Recession on Regime Change: Economic and Political Interactions. *Taiwan Journal of Democracy* 2015; **11**(1):37-52.
2. BERG-SCHLOSSER DH. The Emergence of Democracy: Forces and Counterforces. *Government and Opposition* 2015; **50**(03):336-363.

3. BURGER R, STEENEKAMP CL, VAN DER BERG S, ZOCH A. The emergent middle class in contemporary South Africa: Examining and comparing rival approaches. *Development Southern Africa* 2015; **32**(1):25-40.
4. CORNELISSEN S. The changing contours of Japan's Africa diplomacy. *The Diplomat Magazine/Border Crossing* 2015; **6**(9):10-20.
5. ESMER RY. Economic crisis and political polarization: a challenge to civic culture? *Taiwan Journal of Democracy* 2015; **11**(1):129-146.
6. GIBSON JL. Apartheid's long shadow: how racial divides distort South Africa's democracy. *Foreign Affairs* 2015; **94**(2):41-48.
7. GIBSON JL, NELSON MJ. Is the US Supreme Court's legitimacy grounded in performance satisfaction and ideology? *American Journal of Political Science* 2015; **59**(1):162-174.
8. HOFFMAN LANGE UI. The impact of the great recession on support for democracy. *Taiwan Journal of Democracy* 2015; **11**(1):53-78.
9. JONSSON SC. Global change? *Taiwan Journal of Democracy* 2015; **11**(1):147-162.
10. KIM Y, VAN DER WESTHUIZEN JE. Why Corporatism Collapsed in South Africa: The significance of NEDLAC. *Africa Spectrum* 2015; **50**(2):87-100.
11. LEYSENS AJ, ZAJONTZ AT. Regionalism revised: a critical-reflectivist framework for engaging the changing nature of developing regionalisms in Africa. *Politikon* 2015; **42**(3):299-323.
12. LEYSENS AJ, ZAJONTZ AT. Civil society in Southern Africa - transformers from below? *Journal of Southern African Studies* 2015; **41**(4):1-18.
13. PENFOLD ED, FOURIE PP. Regional health governance: a suggested agenda for Southern African health diplomacy. *Global Social Policy: An Interdisciplinary Journal of Public Policy and Social Development* 2015; **15**(3):278-295.
14. PHILLIPS A, BYRNE DC, GOUWS A, LEWIS D, DU TOIT HL, VILJOEN E. A conversation with Anne Phillips on multiculturalism. *Gender Questions* 2015; **3**(1):4-24.
15. STEENEKAMP CL, DU TOIT PVDP, KOTZE HJ. Social norms in the wake of the global financial crisis. *Taiwan Journal of Democracy* 2015; **11**(1):111-127.
16. SWART C, FOURIE PP. The epistemology of AIDS in South Africa: lessons from three scenario projects. *AJAR-African Journal of Aids Research* 2015; **14**(2):179-187.
17. SWART C, FOURIE PP. South Africa's AIDS governance: two scenarios towards 2019. *Development* 2014; **57**(3):618-624.
18. TAYLOR IC. China's response to the Ebola virus disease in West Africa. *Round Table* 2015; **104**(1):41-54.
19. VAN BEEK UJM. Democracy compared: complexities and values. *Taiwan Journal of Democracy* 2015; **11**(1):1-16.
20. VAN DER WESTHUIZEN JE, SMITH K. Pragmatic internationalism: public opinion on South Africa's role in the world. *Journal of Contemporary African Studies* 2015; **33**(3):318-347.

Chapters in books

1. CORNELISSEN S. South Africa's relations with China and Japan. In: Masters L, Zondi S, Van Wyk J-A, Landsberg C (eds.) *South African Foreign Policy Review Volume 2*, Africa Institute of South Africa, Pretoria, South Africa, 2015: 188-207.
2. CORNELISSEN S. Japan's official development assistance to sub-Saharan Africa: patterns, dynamics and lessons. In: Kato H, Page J, Shimomura Y (eds.)

- Japan's Development Assistance: Foreign Aid and the Post-2015 Agenda, Palgrave, Basingstoke, United Kingdom, 2015: 149-165.
3. DE JAGER NL. Apartheid to democracy. In: De Jager NL (ed.) South African Politics: An Introduction, Oxford University Press, Cape Town, South Africa, 2015: 77-94.
 4. DE JAGER NL. Elections, political parties and voting trends in South Africa's dominant party system. In: De Jager NL (ed.) South African Politics: An Introduction, Oxford University Press, Cape Town, South Africa, 2015: 145-171.
 5. DE JAGER NL, TAYLOR IC. Democratic contestation in Botswana. In: Matti S, Metelits C (eds.) Democratic Contestation on the Margins: regimes in small African countries, Lexington Books, London, United Kingdom, 2015: 25-48.
 6. FOURIE PP. AIDS as a security threat: The emergence and the decline of an idea. In: Rushton S, Youde J (eds.) Routledge Handbook of Global Health Security, Routledge, London, United Kingdom, 2015: 105-117.
 7. GOUWS A. When jurisprudence meets political science. In: De Ville J (ed.) Memory and Meaning: Lourens du Plessis and the Haunting of Justice, Lexis Nexis, South Africa, 2015: 281-284.
 8. GOUWS A, VAN ZYL ME. Towards a feminist ethics of Ubuntu: bridging rights and ubuntu. In: Engster D, Hamington M (eds.) Care Ethics & Political Theory, Oxford University Press, Oxford, United Kingdom, 2015: 165-186.
 9. SMITH K, VAN DER WESTHUIZEN JE. Promoting South Africa's foreign policy through public diplomacy and branding. In: Landsberg C, Van Wyk J-A (eds.) South African Foreign Policy Review, Africa Institute of South Africa, Pretoria, South Africa, 2015: 17-40.

PSYCHOLOGY

Journal articles

1. ANDERSEN L, KAGEE SA, O'CLEIRIGH C, SAFREN S, JOSKA J. Understanding the experience and manifestation of depression in people living with HIV/AIDS in South Africa. *AIDS Care-Psychological and Socio-Medical Aspects of AIDS/HIV* 2015; **27**(1):59-62.
2. AYAZI T, SWARTZ LP, EIDE AH, LIEN L, HAUFF E. Perceived current needs, psychological distress and functional impairment in a war-affected setting: a cross-sectional study in South Sudan. *BMJ Open* 2015; **5**: e007534, 10 pages.
3. BANTJES JR, SWARTZ LP, CONCHAR L, DERMAN W. Developing Programmes to Promote participation in Sport among adolescents with Disabilities: Perceptions expressed by a group of South African Adolescents with Cerebral Palsy. *International Journal of Disability Development and Education* 2015; **62**(3):288-302.
4. BANTJES JR, SWARTZ LP, CONCHAR L, DERMAN W. When they call me cripple: a group of South African adolescents with cerebral palsy attending a special needs school talk about being disabled. *Disability & Society* 2015; **30**(2):241-254.
5. BANTJES JR, SWARTZ LP, CONCHAR L, DERMAN W. "There is soccer but we have to watch" the embodied consequences of rhetorics of inclusion for South African children with cerebral palsy. *Journal of Community & Applied Social Psychology* 2015; **25**(6):474-486.

6. BARON E, FIELD S, KAFAAR Z, HONIKMAN S. Patterns of use of a maternal mental health service in a low-resource antenatal setting in South Africa. *Health & Social Care in the Community* 2015; **23**(5):502-512.
7. BERGSTRÖM A, SKEEN S, DUC DM, BLANDON EZ, ESTABROOKS C, GUSTAVSSON P, HOA DTP, KALLESTAL C, MALQVIST M, NGA NT, PERSSON L, PERVIN J, PETERSON S, RAHMAN A, SELLING K, SQUIRES JE, TOMLINSON MR, WAISWA P, WALLIN L. Health system context and implementation of evidence-based practices - development and validation of the Context Assessment for Community Health (Coach) tool for low-and middle-income settings. *Implementation Science* 2015; **10**: Article 120, 15 pages.
8. BREEN A, DANIELS K, TOMLINSON MR. Children's experiences of corporal punishment: A qualitative study in an urban township of South Africa. *Child Abuse & Neglect* 2015; **48**:131-139.
9. BROODRYK M, PRETORIUS C. Initial experiences of family caregivers of survivors of a traumatic brain injury. *African Journal of Disability* 2015; **4**(1): Art. #165, 7 pages.
10. CAPRI CH. On developing an inter-subjective frame for intellectual disability work. *Disability and Rehabilitation* 2014; **36**(5):418-423.
11. CILLIERS M, GREEFF AP. Resilience in Families Caring for a Family Member Diagnosed with Dementia. *Educational Gerontology* 2015; **41**(2):37-41.
12. CLOETE SM, GREEFF AP. Family Resilience factors in remarried families in South Africa and Belgium. *Social Work Practitioner Researcher* 2015; **27**(2):187-203.
13. COETZEE BJ, KAGEE SA, BLAND RM. Barrier and facilitators to paediatric adherence to antiretroviral therapy in rural South Africa: A multi-stakeholder perspective. *AIDS Care-Psychological and Socio-Medical Aspects of AIDS/HIV* 2015; **27**(3):315-321.
14. DE WET A, SWARTZ LP, CHILIZA B. Hearing their voices: The lived experience of recovery from first-episode psychosis in schizophrenia in South Africa. *International Journal of Social Psychiatry* 2015; **61** (1):27-32.
15. DEWING S, MATHEWS C, LURIE M, KAGEE SA, PADAYACHEE T, LOMBARD CJ. Predictors of poor adherence among people on antiretroviral treatment in Cape Town, South Africa: a case-control study. *AIDS Care-Psychological and Socio-Medical Aspects of AIDS/HIV* 2015; **27**(3):342-349.
16. DUDHIA R, KAGEE SA. Experiences of participating in an antiretroviral treatment adherence club. *Psychology Health & Medicine* 2015; **20**(4):488-494.
17. DURKIN MS, ELSABBAGH M, BARBARO J, STONE W, TOMLINSON MR, ET AL. Autism Screening and Diagnosis in Low Resource Settings: Challenges and Opportunities to Enhance Research and Services Worldwide. *Autism Research* 2015; **8**(5):473-476.
18. EIDE AH, MANNAN H, KHOGALI M, VAN ROOY G, SWARTZ LP, MUNTHALI A, HEM KG, MACLACHLAN M, DYRSTAD K. Perceived Barriers for accessing health Services among Individuals with Disability in Four African Countries. *PLoS ONE* 2015; **10**(5): e0125915, 13 paged.
19. FINCHAM SM, ROOMANEY R, KAGEE SA. The relationship between worldview, self-efficacy, psychological distress, and a health-promoting lifestyle among a South African undergraduate university sample. *South African Journal of Psychology* 2015; **45**(4):508-520.

20. FREDERICKS F, GREEFF AP. Own and perceived parental religiosity and the quality of the parent-child relationship. *Journal of Beliefs & Values-Studies in Religion & Education* 2015; **36**(2):252-258.
21. KAGEE SA, BREET E. Psychologists' endorsement of empirically unsupported statements in psychology: Noch Einmal. *South African Journal of Psychology* 2015; **45**(3):397-409.
22. KAGEE SA, COETZEE BJ, SAAL WL, NEL A. Using the Beck Anxiety Inventory Among South Africans Living with HIV: Exploratory and Higher Order Factor Analyses. *Measurement and Evaluation in Counseling and Development* 2015; **48**(3):204-213.
23. KEIKELAME MJ, SWARTZ LP. 'A thing full of stories': Traditional healers' explanations of epilepsy and perspectives on collaboration with biomedical health care in Cape Town. *Transcultural Psychiatry* 2015; **52**(5):659-680.
24. KILIAN S, SWARTZ LP, CHILIZA B. Doing their best: strategies used by South African clinicians in working with psychiatric inpatients across a language barrier. *Global Health Action* 2015; **8**(1):1-7.
25. KRUGER L, MEYER K. "You get angry inside yourself": Low-income adolescent South African girls' subjective experience of depression. *Social Work* 2015; **51**(2):174-191.
26. KRUGER L, SHEFER T, OAKES AJ. 'I could have done everything and why not?' Young women's complex constructions of sexual agency in the context of sexualities education in Life Orientation in South African schools. *Perspectives in Education* 2015; **33**(2):30-48.
27. LAZARUS S, BULBULIA S, TALIEP N, NAIDOO AV. Community-Based Participatory Research as a Critical Enactment of Community Psychology. *Journal of Community Psychology* 2015; **43**(1):87-98.
28. LE ROUX MC, SWARTZ LP, SWART RE. Die effek van 'n troeteldier-ondersteunde leesprogram op woordherkenningsvaardighede van graad 3-kindere. *Tydskrif vir Geesteswetenskappe* 2015; **55**(2):289-303.
29. LESCH E, SCHEFFLER F. "I want a better life for her": Father-adolescent daughter relationships in a minority, low-income South African community. *Marriage & Family Review* 2015; **51**(5):441-465.
30. LJUMBA P, DOHERTY T, JACKSON D, TOMLINSON MR, SANDERS D, SWANEVELDER S, PERSSON L. Effect of an integrated community-based package for maternal and newborn care on feeding patterns during the first 12 weeks of life: a cluster-randomized trial in a South African township. *Public Health Nutrition* 2015; **18**(14):2660-2668.
31. LUND C, ALEM A, SCHNEIDER M, HANLON C, AHRENS J, BANDAWE C, BASS JK, BHANA A, BURNS J, CHIBANDA D, COWAN FM, DAVIES T, DEWEY M, FEKADU A, FREEMAN M, HONIKMAN S, JOSKA JA, KAGEE SA, MAYSTON R, MEDHIN G, MUSISI S, MYER L, NTULO T, NYATSANZA M, OFORI-ATTA A, Et Al. Generating evidence to narrow the treatment gap for mental disorders in sub-Saharan Africa: rationale, overview and methods of AFFIRM. *Epidemiology and Psychiatric Sciences* 2015; **24**(3):233-240.
32. MARX M, GREEFF AP. Resilience in families in which a member has been diagnosed with schizophrenia. *Journal of Psychiatric and Mental Health Nursing* 2015; **22**:463-471.
33. MUNTALI A, MANNAN H, MACLACHLAN M, SWARTZ LP, MAKUPE C, CHILIMAMPUNGA C. Non-use of Formal Health Services in Malawi Perceptions from Non-users. *Malawi Medical Journal* 2014; **26**(4):126-132.

34. MURIS PEHM, OLLENDICK TH. Children who are Anxious in Silence: A Review on Selective Mutism, the New Anxiety Disorder in DSM-5. *Clinical Child and Family Psychology Review* 2015; **18**:151-169.
35. NAIDOO P, DONENBERG G, DAVIDS A, JONAS K, VERMAAK R, SIMBAYI L, KAGEE SA, WARD CL, EMERSEN E. Exploring risk and protective mechanisms associated with HIV infection among adolescents in South Africa. *Journal of Psychology in Africa* 2014; **24**(3):232-340.
36. ODENDAAL WA, GOUDGE J, GRIFFITHS F, TOMLINSON MR, LEON N, DANIELS K. Healthcare workers' perceptions and experience on using mHealth technologies to deliver primary healthcare services: qualitative evidence synthesis. *Cochrane Database of Systematic Reviews* 2015; **11**(11): Art. No.: CD011942, 16 pages.
37. OLLENDICK TH, MURIS PEHM. The Scientific Legacy of Little Hans and Little Albert: Future Directions for Research on Specific Phobias in youth. *Journal of Clinical Child and Adolescent Psychology* 2015; **44**(4):689-706.
38. OWEN ML, GREEFF AP. Factors Attracting and Discouraging Adolescent Boys in High-Prevalence Communities from Becoming Involved in Gangs. *Journal of Forensic Psychology Practice* 2015; **15**(1):1-32.
39. PRETORIUS C, CRONJE G. People with psychogenic non-epileptic seizures: A South African perspective. *African Journal of Disability* 2015; **4**(1): Art. #176, 7 pages.
40. PRETORIUS C, SPARROW MJ. Life after being diagnosed with psychogenic non-epileptic seizures (PNES): A South African perspective. *Seizure-European Journal of Epilepsy* 2015; **30**:32-41.
41. PRETORIUS C, WALKER SP, ESTERHUYSE G. The applicability of the metacognitive model of worry and generalized anxiety disorder in a non-clinical multi-ethnic sample of university students. *South African Journal of Psychology* 2015; **45**(2):234-248.
42. ROOS A, GEERTS LTGM, KOEN L, FAURE SC, VYTHILINGUM B, STEIN D. Psychosocial predictors of fetoplacental blood flow during pregnancy. *Comprehensive Psychiatry* 2015; **57**:125-131.
43. ROTHERAM-BORUS MJ, TOMLINSON MR, LE ROUX I, STEIN JA. Alcohol Use, Partner Violence, and Depression: A Cluster. *American Journal of Preventive Medicine* 2015; **49**(5):715-725.
44. ROTHERAM-BORUS MJ, TOMLINSON MR, SCHEFFLER A, LE ROUX I. Re-engagement in HIV care among mothers living with HIV in South Africa over 36 months post-birth. *Aids* 2015; **29**:2361-2362.
45. ROTHERHAM-BORUS MJ, TOMLINSON MR, DAVIS E. "Boring" family routines reduce non-communicable diseases: a commentary and call for action. *Archives of Public Health* 2015; **73**:1-10.
46. SALIFU YENDORK J, SOMHLABA NZ. Do Social Support, Self-efficacy and Resilience Influence the Experience of Stress in Ghanaian Orphans? An exploratory Study. *Child Care in Practice* 2015; **21**(2):140-159.
47. SALIFU YENDORK J, SOMHLABA NZ. Problems, Coping, and Efficacy: An Exploration of Subjective Distress in Orphans Placed in Ghanaian Orphanages. *Journal of Loss & Trauma* 2015; **20**:509-525.
48. SALIFU YENDORK J, SOMHLABA NZ. Exiled life, or home away from home? Exploring Ghanaian orphan narrative of orphanage placement. *Africa Today* 2015; **62**(2):27-42.

49. SCHEFFLER ES, VISAGIE SJ, SCHNEIDER M. The impact of health service variables on healthcare access in a low resourced urban setting in the Western Cape, South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #820, 11 pages.
50. SHEFER T, KRUGER L, MACLEOD C, BAXEN J, VINCENT L. '... a huge monster that should be feared and not done': Lessons learned in sexuality education classes in South Africa. *African Safety Promotion - A Journal of Injury and Violence Prevention* 2015; **13**(1):71-87.
51. SHEFER T, KRUGER L, SCHEPERS YD. Masculinity, sexuality and vulnerability in 'working' with young men in South African contexts: 'you feel like a fool and an idiot... a loser'. *Culture Health & Sexuality* 2015; **17**(S2): S96-S111.
52. SHERR L, CLUVER L, TOMLINSON MR, COOVADIA HM. Defeating AIDS but missing children. *Lancet* 2015; **386**:1035.
53. SKEEN S, TOMLINSON MR, WARD CL, CLUVER L, LACHMAN JM. Early Intervention: A foundation for lifelong violence prevention. *South African Crime Quarterly* 2015; **51**(1):5-7.
54. SMITH SJ, SOMHLABA NZ. Post-Apartheid South African Children's Coping with Daily Hassles: Relation to Psychological Adjustment. *Journal of Child and Family Studies* 2015; **24**:1358-1372.
55. STEIN D, KOEN N, DONALD A, ADNAMS CM, KOOPOWITZ M, LUND C, MARAIS AS, MYERS B, ROOS A, SORSDAHL K, STERN J, TOMLINSON MR, VAN DER WESTHUIZEN C, VYTHILINGUM B, MYER L, BARNETT W, BRITTAIN K, ZAR HJ. Investigating the psychosocial determinants of child health in Africa: The Drakenstein Child Health Study. *Journal of Neuroscience Methods* 2015; **252**:27-35.
56. TANCRED E, GREEFF AP. Mothers' Parenting styles and the Association with Family Coping Strategies and Family Adaptation in Families of Children with ADHD. *Clinical Social Work Journal* 2015; **43**:442-451.
57. TOMLINSON MR, MORGAN B. Infant Mental Health Research in Africa: A call for action for research in the next 10 years. *Global Mental Health* 2015; **2**: e7, 9 pages.
58. TOMLINSON MR, WARD CL, MARLOW MB. Improving the efficiency of evidence-based interventions: The strengths and limitations of randomised controlled trials. *South African Crime Quarterly* 2015; **51**:43-52.
59. TSAI AC, TOMLINSON MR. Inequitable and Ineffective: Exclusion of Mental Health from the Post-2015 Development Agenda. *PloS Medicine* 2015; **12**(6): e1001846, 4 pages.
60. VALLY Z, MURRAY L, TOMLINSON MR, COOPER PJ. The impact of dialogic book-sharing training on infant language and attention: a randomized controlled trial in a deprived South African Community. *Journal of Child Psychology and Psychiatry* 2015; **56**(8):865-873.
61. VAN DER MERWE AP, SWARTZ LP. Living in two narratives: psychic splitting in South African survivors of chronic trauma. *South African Journal of Psychology* 2015; **45**(3):361-373.
62. VAN DER MERWE E, GREEFF AP. Infertility-Related Stress within the Marital Relationship. *International Journal of Sexual Health* 2015; **27**(4):522-531.
63. VERGUNST R, SWARTZ LP, MJI G, MACLACHLAN M, MANNAN H. "You must carry your wheelchair" - barriers to accessing healthcare in a South African rural area. *Global Health Action* 2015; **8**:29003, 8 pages.

64. VERMEULEN T, GREEFF AP. Family Resilience Resources in Coping with Child Sexual Abuse in South Africa. *Journal of Child Sexual Abuse* 2015; **24**(5):555-571.
65. VISAGIE LS, LOXTON HS, SILVERMAN WK. Research Protocol: development, implementation and evaluation of a cognitive behavioural therapy-based intervention programme for the management of anxiety symptoms in South African children with visual impairments. *African Journal of Disability* 2015; **4**(1): Art. #160, 10 pages.
66. WILSON AG, WILLS P, PRETORIUS C, SWARTZ LP. Cognitive rehabilitation groups: A thematic analysis of feasibility and perceived benefits for clients with moderate to server traumatic brain injury living the Western Cape. *African Journal of Disability* 2015; **4**(1): Art. #175, 7 pages.
67. WOOLF ML, BANTJES JR, KAGEE SA. The Challenges of School-based Youth Suicide Prevention: Experiences and Perceptions of Mental Health Professionals in South African Schools. *Social Work Practitioner Researcher* 2015; **27**(1):20-44.

Chapters in books

1. FLISHER A, DAWES A, KAFAAR Z, LUND C, SORSDAHL K, MYERS BJ, THOM R, SEEDAT S. Children and Adolescent Mental Health in South Africa. In: Akyeampong E, Hill AG, Kleinman A (eds.) *The Culture of Mental Illness and Psychiatric Practice in Africa*, Indiana University Press, Bloomington, USA, 2015: 144-162.
2. KRUGER L. The whales beneath the surface: The muddled story of doing research with poor mothers in a developing country. In: Izugbara CO, Covan EK, Fugate-Whitlock E (eds.) *Women's Health in Africa: Issues, Challenges and Opportunities*, Routledge, London, United Kingdom, 2015: 7-18.
3. SWARTZ LP. From Sharpeville to Marikana: The Changing Political Landscape for Mental Health Practice in a Violent South Africa. In: Lindert J, Levav I (eds.) *Violence and Mental Health: Its Manifold Faces*, Springer, New York, USA, 2015: 381-390.

SOCIAL WORK

Journal articles

1. DYKES GZ, GREEN S. Learning profiles of social work students: Who are you and how should this influence my teaching? *Social Work: A Professional Journal for the Social Worker* 2015; **51**(4):577-598.
2. ENGELBRECHT LK. Revisiting the esoteric question: Can non-social workers manage and supervise social workers? *Social Work: A Professional Journal for the Social Worker* 2015; **51**(3):311-331.
3. ENGELBRECHT LK, STRYDOM M. Social work in South Africa: Context, concepts and some critical reflections. *Visioni LatinoAmericane* 2015; **7**(13):223-243.
4. RETIEF RT, GREEN S. Some challenges in policing domestic violence. *Social Work: A Professional Journal for the Social Worker* 2015; **51**(1):135-147.
5. SLABBERT I. Die rol van alkohol- en dwelmmisbruik by vrouemishandeling: 'n Maatskaplikewerk-perspektief/The role of alcohol and substance abuse in

- domestic violence: A Social work perspective. *Tydskrif vir Geesteswetenskappe* 2015; **55**(4):665-680.
6. SLABBERT I. Reflective learning in social work education in the field of substance abuse. *Social Work: A Professional Journal for the Social Worker* 2015; **51**(4):549-564.
 7. STRYDOM M. Views of service providers on services rendered to people with disabilities and on the need for family preservation services. *Social Work: A Professional Journal for the Social Worker* 2015; **51**(3):379-398.

Chapters in books

1. ENGELBRECHT LK. An integrative review of community education to facilitate financial capabilities of vulnerable households. In: Pulla V, Mamidi BB (eds.) *Some Aspects of Community Empowerment and Resilience*, Allied Publishers, New Delhi, India, 2015: 110-128.
2. ENGELBRECHT LK, ORNELLAS A. A conceptual framework for a strengths perspective on supervision of social workers within a mental health context: Reflections from South Africa. In: Francis A, La Rosa P, Sankaran L, Rajeev SP (eds.) *Social Work Practice in Mental Health. Cross-cultural perspectives*, Allied Publishers, New Delhi, India, 2015: 19-40.

SOCIOLOGY AND SOCIAL ANTHROPOLOGY

Journal articles

1. BOONZAIER F, LEHTONEN J, PATTMAN RW. Youth, violence and equality: Perspectives on engaging youth toward social transformation. *African Safety Promotion - A Journal of Injury and Violence Prevention* 2015; **13**(1):1-6.
2. BUSCHER BE. Investing in Irony? Development, Improvement and Dispossession in Southern African Coal Spaces. *European Journal of Development Research* 2015; **27**(5):727-744.
3. BUSCHER BE. The Ironies of Progress and Plunder: A Review of the Africa Progress Report 2014. *Development and Change* 2015; **46**(4):949-960.
4. BUSCHER BE, FLETCHER R. Accumulation by Conservation. *New Political Economy* 2015; **20**(2):273-298.
5. COUSINS TD. A mediating capacity: Toward an anthropology of the gut. *Medicine Anthropology Theory* 2015; **2**:1-27.
6. COUSINS TD. HIV and the remaking of hunger and nutrition in South Africa: Biopolitical specification after apartheid. *BioSocieties* 2015; **10**(2):143-161.
7. CROESE S. Inside the Government, but Outside the Law: Residents' Committees, Public Authority and Twilight Governance in Post-War Angola. *Journal of Southern African Studies* 2015; **41**(2):405-417.
8. DRESSLER W, FLETCHER R, BUSCHER BE. Reply to reviews, *Environment and Planning a Symposium on Nature™ Inc.: environmental conservation in a neoliberal age* (UAP, 2014) *Nature™ Inc Redux: Towards a dialectic of logics and excess. Environment and Planning A* 2015; **47**:2404-2408.
9. DUBBELD B. Friedman's wrestle with Wolpe and his aspiration to transcend Marxism. *Social Dynamics-A Journal of African Studies* 2015; **41**(3):592-596.

10. DUBBELD B. Capital and the Shifting Grounds of Emancipatory Politics: The Limits of Radical Unionism in Durban Harbor, 1974-85. *Critical Historical Studies* 2015; **2**(1): 85-112.
11. ESTERHUYSE AJ, HEINECKEN LPT. The Clausewitzian trinity: Reassessing the South African military relationship with its polity and society. *Journal for Contemporary History* 2015; **40**(2):71-95.
12. EWERT JW. Strategic challenges facing South African wine co-operatives: upgrading or bulk production? *Journal of Wine Research* 2015; **26**(4):1-19.
13. EWERT JW. Influence Strategies in South African Wine Value Chains. *International Journal on Food System Dynamics* 2015; **6**:236-247.
14. FISCHER J, GARDNER TA, BENNETT EM, BALVANERA P, BIGGS R, CARPENTER S, DAW TM, FOLKE C, HILL R, HUGHES TP, LUTHE T, SPIERENBURG MJ, ET AL. Advancing sustainability through mainstreaming a social-ecological systems perspective. *Current Opinion in Environmental Sustainability* 2015; **14**:144-149.
15. HART TGB, JACOBS PT, RAMOROKA K, MHULA A, LETTY B. Innovation and the Development Nexus: Prospects from Rural Enterprises in South Africa. *Africanus Journal of Development Studies* 2015; **45**(1):1-9.
16. HART TGB, NHEMACHENA C, CHITIGA-MABUGU M, MUPELA E. "Upping the game?" A response to the WIPHOLD CSR initiative. *New Agenda: South African Journal of Social and Economic Policy* 2014; **55**:74-77.
17. HEINECKEN LPT. Are Women 'Really' Making a Unique Contribution to Peacekeeping? The Rhetoric and the Reality. *Journal of International Peacekeeping* 2015; **19**:227-248.
18. HEINECKEN LPT. The Military, War and Society: The Need for Critical Sociological Engagement. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(1):1-16.
19. HILL LB, MEO AI. A Bourdieusian Approach to Academic Reading: Reflections on a South African Teaching Experience. *Teaching in Higher Education* 2015; **20**(8):845-856.
20. KRAMM N, HEINECKEN LPT. We are different now? The effect of military service on youth reintegration and employment in South Africa. *African Security Review* 2015; **24**(2):122-137.
21. MCARTHUR T. Homophobic violence in a Northern Cape school: Learners confront the issue. *Agenda* 2015; **29**(3):53-59.
22. NCUBE G, SIZIBA G. Mugabe's fall from grace: satire and fictional narratives as silent forms of resistance in/on Zimbabwe. *Social Dynamics-A Journal of African Studies* 2015; **41**(3):516-539.
23. NTSHOTSHO P, PROZESKY HE, ESLER KJ, REYERS B. What drives the use of scientific evidence in decision making? The case of the South African Working for Water program. *Biological Conservation* 2015; **184**:136-144.
24. REYNOLDS LJ. Category and Kin in "Crisis": Representations of Kinship, Care, and Vulnerability in Demographic and Ethnographic Research in KwaZulu-Natal, South Africa. *Studies in Comparative International Development* 2015; **50**(4):539-560.
25. SIZIBA G. 'Cross-identification': identity games and the performance of South Africanness by Ndebele-speaking migrants in Johannesburg. *African Identities* 2015; **13**(4):262-278.

26. STEYN AS. The truck driver's watch: time and the working lives of long haul truck drivers in southern Africa. *Anthropology Southern Africa* 2015; **38**(1&2):61-74.
27. VAN DER WAAL CS. Long walk from volkekunde to anthropology: reflections on representing the human in South Africa. *Anthropology Southern Africa* 2015; **38**(3-4):216-234.
28. VAN DER WAAL CS. Humanizing De-Afrikanerized South African Anthropology. *American Anthropologist* 2015; **117**(4):766-768.
29. VENGANAI H. (Re)constructing positive cultures to protect girls and women against sexual violence. *Agenda* 2015; **29**(3):145-154.
30. VILJOEN L. Are you man enough? A case study of the represented and experiences masculinity in the South African Police Service. *South African Review of Sociology* 2015; **46**(3):45-63.

Chapters in books

1. BOLOGNA SA, SPIERENBURG MJ. False Legitimacies: The Rhetoric of Economic Opportunities in the Expansion of Conservation Areas in Southern Africa. In: van der Duim R, Lamers M, van Wijk J (eds.) *Institutional Arrangements for Conservation, Development and Tourism in Eastern and Southern Africa: A Dynamic Perspective*, Springer, Dordrecht Heidelberg New York London, United Kingdom, 2015: 119-137.
2. FLETCHER R, DRESSLER W, BUSCHER BE. NatureTM Inc.: nature as neoliberal capitalist imaginary. In: Bryant RL (ed.) *The International Handbook of Political Ecology*, Edward Elgar Publishing Limited, United Kingdom, 2015: 359-372.
3. HEINECKEN LPT. Military Management: Privatization. In: Bearfield DA, Dubnick MJ (eds.) *Encyclopedia of Public Administration and Public Policy*, Third Edition, CRC Press, Canada, USA, 2015: 2127-2132.
4. PATTMAN RW. Ways of Thinking about Young People in Participatory Interview Research. In: Wyn J, Cahill H (eds.) *Handbook of Children and Youth Studies*, Springer, Singapore, 2015: 79-92.
5. ROBINS SL. The 2011 Toilet Wars in South Africa: Justice and Transition between the Exceptional and the Everyday after Apartheid. In: Anders G, Zenker O (eds.) *Transition and Justice: Negotiating the terms of new beginnings in Africa*, Blackwell Publishing, United Kingdom, 2015: 85-111.
6. ROBINS SL, COLVIN CA. Social Movements after Apartheid: Rethinking Strategies and TACTics in a Time of Democratic Transition. In: Klandermans B, van Stralen C (eds.) *Movements in Times of Democratic Transition*, Temple University Press, Philadelphia, USA, 2015: 259-278.
7. SMITH-TOLKEN AR, DU PLESSIS JMJ. The Affective-Cognitive Model of Reflection: International Service-Learning in Community Development. In: Delano-Oriaran O, Penick-Parks MW, Fondrie S (eds.) *The SAGE Sourcebook of Service-Learning and Civic Engagement*, SAGE publications, Los Angeles, USA, 2015: 365-377.
8. VENGANAI H. The Gendering and Sexualization of Young Women through Sex Educational Practices and Discourses in Southern Africa. In: Wyn J, Cahill H (eds.) *Handbook of Children and Youth Studies*, Springer, Singapore, 2015: 289-300.
9. WALKER CJ. Sketch map to the future: Restitution unbound. In: Cousins B, Walker CJ (eds.) *Land Divided, Land Restored: Land Reform in South Africa for the 21st Century*, Jacana Media, Auckland Park, South Africa, 2015: 232-249.

VISUAL ARTS

Journal articles

1. LEMU MM. Play and the profane in Samson Kambalu's Holy Balls, Holyballism and (bookworm) the fail of man. *Stedelijk Studies Journal* 2015; **3**(3):1-12.
2. PEROLD-BULL K, COSTANDIUS E. Exploring the transformative potential of collaborative art projects on the Stellenbosch University campus. *South African Journal of Higher Education* 2015; **29**(6):206-225.
3. PHILLIPS A, BYRNE DC, GOUWS A, LEWIS D, DU TOIT HL, VILJOEN E. A conversation with Anne Phillips on multiculturalism. *Gender Questions* 2015; **3**(1):4-24.
4. VAN ROBBROECK L. A Poetics of Redemption: Keith Dietrich's Reinventions of the Colonial Archive. *Critical Arts: South-North Cultural and Media Studies* 2015; **29**(SUPP 1):116-133.
5. WILDENBOER L, DIETRICH KH. Pretorius v Dietrich 1872: Klinkende munt of papiergeld? *Litnet Akademies* 2015; **12**(1):291-317.

Books

1. COSTANDIUS E, BITZER EM. *Engaging Higher Education Curricula: A Critical Citizenship Perspective*. SuN MEDIA, Stellenbosch, South Africa 2015:173 pp.

Chapters in books

1. BISCOMBE MI, COSTANDIUS E. Service-Learning for a Visual Communication Design Course at Stellenbosch University. In: Lin PL, Wiegand M (eds.) *Service-Learning in Higher Education: Building Community across the Globe*, University of Indianapolis Press, Indianapolis, USA, 2015: 221-229.
2. COSTANDIUS E, BLACKIE MAL, LEIBOWITZ BL, NELL IA, MALGAS RR, ROSOCHACKI SO, YOUNG G. Stumbling over the first hurdle? Exploring notions of critical citizenship at Stellenbosch University. In: Davies M, Barnett R (eds.) *The Palgrave Handbook of Critical Thinking in Higher Education*, Palgrave Macmillan, London, United Kingdom, 2015: 545-558.

CENTRE FOR CHINESE STUDIES

Journal articles

1. KIM Y. China's Soft Power Expansion in Africa through Industrialisation: Opportunities and Challenges. *Africa Insight* 2015; **44**(4):1-13.
2. KIM Y, VAN DER WESTHUIZEN JE. Why Corporatism Collapsed in South Africa: The significance of NEDLAC. *Africa Spectrum* 2015; **50**(2):87-100.

Proceedings international

1. ANTHONY R. Infrastructure and Influence: China's Presence on the coast of East Africa. In: Rumley D (ed.) *The Political Economy of Indian Ocean Maritime Africa (Political Economy of Maritime Africa in the Indian Ocean Region)*, New Dehli, India, Pentagon Press 2015: 52-74.

Chapter in Books

1. CISSE D. China's Economic Transformation - What lessons can Africa learn? In: du Plessis H (ed.) *The Rise and Decline and Rise of China: Searching for an Organising Philosophy*, Real African Publishers, Johannesburg, South Africa, 2015: 205-252.
2. CISSE D. FDI in Africa: Chinese Enterprises and their business strategies. In: Ibeh K, Nwankwo S (eds.) *The Routledge Companion to Business in Africa*, Routledge, New York, USA, 2015: 298-314.
3. GRIMM S, HACKENESCH C. Chinas Kooperation mit Afrika und Lateinamerika (China's Cooperation with Africa and Latin America). In: Fischer DF, Muller-Hofstede C (eds.) *Länderbericht China*, Bundeszentrale für Politische Bildung, Bonn, Germany, 2014: 889-914.
4. LAUZON-LACROIX M, ANTHONY R. Chinese Society in flux - A study of ethnicity, Guanxi and urbanisation from the Late Imperial China until today. In: du Plessis H (ed.) *The Rise and Decline and Rise of China - Searching for an Organising Philosophy*, Real African Publishers, Johannesburg, South Africa, 2015: 253-304.

**CENTRE FOR KNOWLEDGE DYNAMICS
AND DECISION-MAKING**

Journal articles

1. LATEGAN BC. 'n Verskuiwing na 'n oper en meer "pragmatiese" lees van Romeine 13:1-7? *Litnet Akademies* 2015; **12**(2):259-272.

Proceedings international

1. GOOSEN RJ, KINGHORN J. Sense, Signal and Software: A Sensemaking Analysis of Meaning in Earlywarning Systems. In: Du Toit ASA (ed.) *Proceedings of the 1st Southern African Knowledge Management Summit - Shaping Minds for Africa: Knowledge Management as a Competitive Strategy*, Pretoria, South Africa, Research Gate 2015: 15-26.

**CENTRE FOR RESEARCH ON EVALUATION, SCIENCE &
TECHNOLOGY (CREST)**

Journal articles

1. BOSHOFF SC. Intuition as an Expression of Procedural Knowledge and its Association with Sense-Impressions: Illustrations from Winemaking Practice. *Journal of Research Practice* 2015; **11**(2): Article M4.
2. CLOETE N. Nurturing doctoral growth: Towards the NDP's 5000? *South African Journal of Science* 2015; **111**(11/12):1-3.
3. FRANKEN CJ, BURGER AL, SWIEGERS JH, BAUER FF. Reconstruction of the carnitine biosynthesis pathway from *Neurospora crassa* in the yeast *Saccharomyces cerevisiae*. *Applied Microbiology and Biotechnology* 2015; **99**:6377-6389.

4. KAHN MJ. Prospects for Cooperation in Science, Technology and Innovation among the BRICS Members. *Vestnik Mezhdunarodnykh Organizatsii-International Organisations Research Journal* 2015; **10**(2):105-119.
5. KAHN MJ. Mobility of the Highly Skilled - Towards a Non-racial South Africa. *Science Technology and Society* 2015; **20**(3):369-388.
6. KAHN MJ. A Cooperação dos BRICS na Ciência, Tecnologia e Inovação: Retórica e Realidades. *Contexto Internacional* 2015; **37**(1):185-213.
7. MOUTON J, BOSHOFF SC, JAMES M. A survey of doctoral supervisors in South Africa. *South African Journal of Higher Education* 2015; **29**(2):1-22.
8. WINNINK JJ, TIJSSEN RJW. Early stage identification of breakthroughs at the interface of science and technology: lessons drawn from a landmark publication. *Scientometrics* 2015; **102**:113-134.

Books

1. CLOETE N, MOUTON J, SHEPPARD C. *Doctoral Education in South Africa: Policy, Discourse and Data*. African Minds, Somerset West, South Africa 2015:283 pp.

Chapters in books

1. BAILEY TG. The Roles of National Councils and Commissions in African Higher Education System Governance. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and Contradictory Functions in African Higher Education*, African Minds, Somerset West, South Africa, 2015: 171-202.
2. BAKUWA J, MOUTON J. A review of the scholarship on HELM training in Africa. In: Mouton J, Wildschut LP (eds.) *Leadership and Management: Case Studies in Training in Higher Education in Africa*, African Minds, Somerset West, South Africa, 2015: 3-16.
3. BOTHA J. Institutional Research in South Africa in the Service of Strategic and Academic Decision Support. In: Calderon AJ, Webber KL (eds.) *Institutional Research and Planning in Higher Education: Global Contexts and Themes*, Routledge, New York, USA, 2015: 115-127.
4. BUNTING I, CLOETE N, LI KAM WAH H, NAKAYIWA-MAYEGA F. Assessing the Performance of African Flagship Universities. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and Contradictory Functions in African Higher Education*, African Minds, Somerset West, South Africa, 2015: 32-60.
5. CLOETE N, BUNTING I, MAASSEN PAM. Research Universities in Africa: An empirical overview of eight flagship universities. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and Contradictory Functions in African Higher Education*, African Minds, Somerset West, South Africa, 2015: 18-31.
6. CLOETE N, MAASSEN PAM. Roles of Universities and the African Context. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and Contradictory Functions in African Higher Education*, African Minds, Somerset West, South Africa, 2015: 1-17.
7. CLOETE N, MAASSEN PAM, BUNTING I, BAILEY TG, WANGENGE-OUMA G, VAN SCHALKWYK FB. Managing Contradictory Functions and Related Policy Issues. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and Contradictory Functions in African Higher Education*, African Minds, Somerset West, South Africa, 2015: 260-289.
8. CLOETE N, SHEPPARD C, BAILEY TG. South Africa as a PhD Hub in Africa. In: Cloete N, Maassen PAM, Bailey TG (eds.) *Knowledge Production and*

- Contradictory Functions in African Higher Education, African Minds, Somerset West, South Africa, 2015: 75-108.
9. MOUTON J, EFFAH P, SIBUGA KP. The context of HELM training in Africa. In: Mouton J, Wildschut LP (eds.) Leadership and Management: Case Studies in Training in Higher Education in Africa, African Minds, Somerset West, South Africa, 2015: 17-36.
 10. MOUTON J, GAILLARD J, VAN LILL MH. Functions of Science Granting Councils in Sub-Saharan Africa. In: Cloete N, Maassen PAM, Bailey TG (eds.) Knowledge Production and Contradictory Functions in African Higher Education, African Minds, Somerset West, South Africa, 2015: 148-170.
 11. MOUTON J, WILDSCHUT LP. Knowledge exchange. In: Mouton J, Wildschut LP (eds.) Leadership and Management: Case Studies in Training in Higher Education in Africa, African Minds, Somerset West, South Africa, 2015: 97-110.
 12. MUSIIGE G, MAASSEN PAM. Faculty Perceptions of the Factors that Influence Research Productivity at Makerere University. In: Cloete N, Maassen PAM, Bailey TG (eds.) Knowledge Production and Contradictory Functions in African Higher Education, African Minds, Somerset West, South Africa, 2015: 109-127.
 13. TIJSEN RJW. Research Output and International Research Cooperation in African Flagship Universities. In: Cloete N, Maassen PAM, Bailey TG (eds.) Knowledge Production and Contradictory Functions in African Higher Education, African Minds, Somerset West, South Africa, 2015: 61-74.
 14. VAN SCHALKWYK FB. University Engagement as Interconnectedness: Indicators and Insights. In: Cloete N, Maassen PAM, Bailey TG (eds.) Knowledge Production and Contradictory Functions in African Higher Education, African Minds, Somerset West, South Africa, 2015: 203-229.
 15. WILDSCHUT LP. An Evaluation Framework. In: Mouton J, Wildschut LP (eds.) Leadership and Management: Case Studies in Training in Higher Education in Africa, African Minds, Somerset West, South Africa, 2015: 87-96.

FACULTY OF ECONOMIC AND MANAGEMENT SCIENCES

BUSINESS MANAGEMENT

Journal articles

1. BERNING A, VENTER C. Sustainable supply chain engagement in a retail environment. *Sustainability* 2015; 7:6246-6263.
2. DE BEER IC, MOSTERT FJ, MOSTERT JH. The claims handling process of engineering insurance in South Africa. *Risk Governance and Control: Financial Markets & Institutions* 2015; 5(2):15-21.
3. FISHER JJ, MOSTERT FJ, MOSTERT JH. The impact of the business environment on the South African emerging market economy. *Corporate Ownership and Control* 2015; 12(2):541-549.
4. KRUGER H, BOSHOFF HC. The influence of trademark dilution on brand attitude: An empirical investigation. *Management Dynamics: Journal of the South African Institute for Management Scientists/Bestuursdinamika* 2015; 24(4):51-73.
5. LOTTER R. "I wish it were Friday": Do analysts and investors get distracted at the end of the week? *Management Dynamics: Journal of the South African Institute for Management Scientists/Bestuursdinamika* 2015; 24(3):21-32.
6. MANS-KEMP N, VIVIERS S. Investigating board diversity in South Africa. *Journal of Economic and Financial Sciences* 2015; 8(2):392-414.
7. MANS-KEMP N, VIVIERS S. The relationship between corporate governance and dividend payout ratios: A South African study. *Management Dynamics: Journal of the South African Institute for Management Scientists/Bestuursdinamika* 2015; 24(2):20-35.
8. MAREE L, MCKENZIE KD. Exploring the elements of strategic innovation drivers in South African banks. *Journal of Economic and Financial Sciences* 2015; 8(2):604-620.
9. NEL J, BOSHOFF HC. Online-mobile service cross-channel cognitive evaluations in a multichannel context. *South African Journal of Business Management* 2015; 46(3):67-78.
10. TERBLANCHE NS. Studies on customer-based corporate reputation scales: Some application guidelines for emerging markets. *Journal of Transnational Management* 2015; 20:257-271.
11. TERBLANCHE NS. Customers' perceived benefits of a frequent-flyer program. *Journal of Travel & Tourism Marketing* 2015; 32:199-210.
12. THERON E, VAN TONDER SP. Kerktoewyding deur die jonger generasies: Hou verhoudingsbemarking die sleutel? *Tydskrif vir Geesteswetenskappe* 2015; 55(3):405-421.
13. THERON-WEPENER ML, BOSHOFF HC. An instrument to measure the customer-based corporate reputation of large service organizations. *Journal of Services Marketing* 2015; 29(3):163-172.

14. VAN JAARSVELD J, MOSTERT FJ, MOSTERT JH. The claims handling process of liability insurance in South Africa. *Risk Governance and Control: Financial Markets & Institutions* 2015; **5**(1):133-140.
15. VIVIERS S. Executive remuneration in South Africa: key issues highlighted by shareholder activists. *African Journal of Business Ethics* 2015; **9**(1):6-32.
16. VIVIERS S, SMIT EVD. Institutional proxy voting in South Africa: process, outcomes and impact. *South African Journal of Business Management* 2015; **46**(4):21-34.

Proceedings international

1. DE VILLIERS JU, MUSANGO JK, BRENT AC. A system dynamics model of the individual decisions of a salaried employee in saving for retirement. Thirty-second International System Dynamics Conference, New York, USA, System Dynamics Society 2015: 1-26.
2. HUMAN D. The magic of imagination – quantitative exploration of an untapped gem. Academy of Marketing, Limerick, Ireland, Academy of Marketing 2015: 1-8.
3. NEL J, BOSHOFF HC. Mobile-app Adoption in a Multi-Channel Context: The Influence of Web-site-use Inertia. Academy of Marketing, Limerick, Ireland, Academy of Marketing 2015: 1-8.
4. TERBLANCHE NS. Selection of travel agents for service: a study of benefits for customers. 6th International Trade and Academic Research Conference, London, United Kingdom, Academy of Business and Retail Management 2015: 457-467.
5. TERBLANCHE NS. In-store customer shopping experiences in a supermarket and the outcomes thereof. Academy of Marketing, Limerick, Ireland, Academy of Marketing 2015: 1-11.
6. TERBLANCHE NS. The in-store shopping experiences of an outdoor adventure retailer's customers and the relationship thereof with value and repatronage intentions. 18th International Conference on Research in the Distributive Trades of the European Association for Education and Research in Commercial Distribution (EAERCD), Rennes, France, Research in the Distributive Trades of the European Association for Education and Research in Commercial Distribution 2015: 1-14.
7. TERBLANCHE NS. Selection of wines for restaurant's wine lists: a replication study of how restaurant owners and managers decide on wines. IMDA: Twenty Fourth Annual World Business Congress, Famagusta, Cyprus, International Management Development Association 2015: 79-83.
8. TERBLANCHE NS. Considerations when marketing scales from developed countries are utilised for marketing research in emerging markets. 17th World Marketing Congress of the Academy of Marketing Science, Lima, Peru, Academy of Marketing Science 2014: 42-51.

ECONOMICS

Journal articles

1. ABAD LA, VAN ZANDEN JL. Optimistic but flawed? A reply. *Revista de Historia Economica* 2015; **33**(1):77-82.

2. ADAMS C, GALLANT R, JANSEN AI, YU D. Public assets and services delivery in South Africa: Is it really a success? *Development Southern Africa* 2015; **32**(6):698-710.
3. AGBOR GM. Effects of primary, secondary and tertiary education on conflict intensity in Africa. *Economies* 2015; **3**:161-185.
4. BOSHOFF WH. Illegal cartel overcharges in markets with a legal cartel history: Bitumen prices in South Africa. *South African Journal of Economics* 2015; **83**(2):220-239.
5. BREDEKAMP C, EVANS T, LAGRADA L, LANGENBRUNNER J, NACHUK S, PALU T. Emerging challenges in implementing universal health coverage in Asia. *Social Science & Medicine* 2015; **145**(1):243-248.
6. BURGER R, DASGUPTA I, OWENS T. A Model of non-governmental organization regulation with an application to Uganda. *Economic Development and Cultural Change* 2015; **64**(1):71-111.
7. BURGER R, DASGUPTA I, OWENS T. Why pay NGOs to involve the community? *Annales de L'économie Publique Sociale et Coopérative/Annals of Public and Cooperative Economics* 2015; **86**(1):7-31.
8. BURGER R, LOUW M, DE OLIVEIRA PEGADO AUGUSTO BBI, VAN DER BERG S. Understanding consumption patterns of the established and emerging South African black middle class. *Development Southern Africa* 2015; **32**(1):41-56.
9. BURGER R, STEENEKAMP CL, VAN DER BERG S, ZOCH A. The emergent middle class in contemporary South Africa: Examining and comparing rival approaches. *Development Southern Africa* 2015; **32**(1):25-40.
10. BURGER RP, TEAL F. The effect of schooling on worker productivity: Evidence from a South African industry panel. *Journal of African Economies* 2015; **24**(5):629-644.
11. BURGER RP, VAN DER BERG S, VON FINTEL DP. The unintended consequences of education policies on South African participation and unemployment. *South African Journal of Economics* 2015; **83**(1):74-100.
12. BURGER P, CALITZ E. Twenty-year review of South African fiscal policy: A tale of two sustainabilities. *Development Southern Africa* 2015; **32**(6):639-657.
13. CHITIGA M, DECALUWE B, MABUGU ERM, MAISONNAVE H, ROBICHAUD R, SHEPHERD DL, VAN DER BERG S, VON FINTEL DP. A retrospective look at how well a macro-micro model can analyse the impact of the global financial crisis on a developing country. *Poverty & Public Policy* 2015; **7**(3):211-222.
14. DE ZWART P, VAN ZANDEN JL. Labor, wages, and living standards in Java, 1680-1914. *European Review of Economic History* 2015; **19**:215-234.
15. DU PLESSIS SA, DU RAND GP, KOTZE K. Measuring core inflation in South Africa. *South African Journal of Economics* 2015; **83**(4):527-548.
16. DU PLESSIS SA, FREYTAG A, BOSHOFF WH. Deliberate recovery: politics and economic recovery from the international financial crisis. *Taiwan Journal of Democracy* 2015; **11**(1):17-36.
17. DU PLESSIS SA, REID MB. The exchange rate dimension of inflation targeting: Target levels and currency volatility. *South African Journal of Economics* 2015; **83**(2):174-179.
18. DU PLESSIS SWF, JANSEN AI, SIEBRITS FK. Democratisation in Africa: The role of self-enforcing constitutional rules. *African Journal on Conflict Resolution* 2015; **15**(1):9-31.

19. DU PLESSIS SWF, JANSEN AI, VON FINTEL DP. Slave prices and productivity at the Cape of Good Hope from 1700 to 1725: Did all settler farmers profit from the trade? *Cliometrica* 2015; **9**:289-330.
20. FAFCHAMPS M, MORADI A. Referral and job performance: Evidence from the Ghana colonial army. *Economic Development and Cultural Change* 2015; **63**(4):715-751.
21. FOURIE J, BATEN J. Numeracy of Africans, Asians and Europeans during the early modern period: new evidence from Cape Colony court registers. *Economic History Review* 2015; **68**(2):632-656.
22. FOURIE J, GREEN E. The missing people: Accounting for the productivity of indigenous populations in Cape Colonial History. *Journal of African History* 2015; **52**(2):195-215.
23. FOURIE J, ROSSELLÓ J, SANTANA-GALLEGO M. Religion, religious diversity and tourism. *Kyklos* 2015; **68**(1):51-64.
24. FOURIE J, SWANEPOEL C. When selection trumps persistence: The lasting effect of missionary education in South Africa. *Tijdschrift Voor Sociale En Economische Geschiedenis* 2015; **12**(1):1-29.
25. GARDNER LA. The curious incident of the franc in the Gambia, exchange rate instability and imperial monetary systems in the 1920s. *Financial History Review* 2015; **22**(3):291-314.
26. GUSTAFSSON MA. Enrolment ratios and related puzzles in developing countries: Approaches for interrogating the data drawing from the case of South Africa. *International Journal of Educational Development* 2015; **42**:63-72.
27. JANSEN AI, MOSES M, MUJUTA S, YU D. Measurements and determinants of multifaceted poverty in South Africa. *Development Southern Africa* 2015; **32**(2):151-169.
28. MABUGU ERM, FOFANA I, CHITIGA M. Pro-Poor tax policy changes in South Africa: Potential and limitations. *Journal of African Economies* 2015; **24**(AERC Suppl. 2):73-105.
29. MABUGU ERM, MAISONNAVE H, CHITIGA M. Economywide consequences of attaining millennium development goals in South Africa. *Economics Bulletin* 2015; **35**(2):1118-1127.
30. MABUGU ERM, SIMBANEGAVI W. Tax and expenditure reforms in Africa: An overview. *Journal of African Economies* 2015; **24**(AERC Suppl 2):3-15.
31. MAISONNAVE H, CHITIGA M, DECALUWE B, MABUGU R, ROBICHAUD R, SHEPHERD DL, VAN DER BERG S, VON FINTEL DP. The impact of the international economic crisis on child poverty in South Africa. *Poverty & Public Policy* 2015; **7**(2):176-199.
32. MARIOTTI GM. Fathers' employment and son's stature: The long-run effects of a positive regional employment shock in South Africa's mining industry. *Economic Development and Cultural Change* 2015; **63**(3):485-514.
33. MEEHAN S, LEON N, NAIDOO P, JENNINGS K, BURGER R, BEYERS N. Availability and acceptability of HIV counselling and testing services. A qualitative study comparing clients' experiences of accessing HIV testing at public sector primary health care facilities or non-governmental mobile services in Cape Town, South Africa. *BMC Public Health* 2015; **15**:845, 10 pages.
34. NCHAKE MA, EDWARDS L, RANKIN NA. Price-setting behaviour in Lesotho: Stylised facts from consumer retail prices. *South African Journal of Economics* 2015; **83**(2):199-219.

35. NDIKUMANA L. Integrated yet marginalized: Implications of globalization for African development. *African Studies Review* 2015; **58**(2):7-28.
36. NDIKUMANA L, BLANKSON TM. Financing domestic investment in African Countries: Does the source of financing matter? *Journal of African Development* 2015; **17**(2):21-44.
37. PAPAIOANNOU KJ, VAN ZANDEN JL. The dictator effect: how long years in office affect economic development. *Journal of Institutional Economics* 2015; **11**(1):111-139.
38. PIENAAR LP, VON FINTEL DP. Hunger in the former apartheid homelands: Determinants of convergence one century after the 1913 Land Act. *Agrekon* 2015; **53**(4):38-67.
39. REID MB. Inflation expectations of the inattentive general public. *Economic Modelling* 2015; **46**(1):157-166.
40. REID MB, DU RAND GP. A sticky information Phillips Curve for South Africa. *South African Journal of Economics* 2015; **83**(4):506-526.
41. SAMUELS M, TAYLOR SGS, SHEPHERD DL, VAN DER BERG S, JACOB C, DELIWE CN, MABOGOANE T. Reflecting on an impact evaluation of the Grade R programme: Method, results and policy responses. *African Evaluation Journal* 2015; **3**(1): Art. #139, 10 pages.
42. SCHOOMBEE GA. Access to formal banking services in SADC, 2000-2009. *Journal of Economic and Financial Sciences* 2015; **8**(1):165-184.
43. SPAULL NA, TAYLOR SGS. "Access to what? Creating a composite measure of educational quantity and educational quality for 11 African Countries. *Comparative Education Review* 2015; **59**(1):133-165.
44. TAYLOR SGS, SPAULL NA. Measuring access to learning over a period of increased access to schooling: The case of Southern and Eastern Africa since 2000. *International Journal of Educational Development* 2015; **41**(1):47-59.
45. TAYLOR SGS, VAN DER BERG S, REDDY V, JANSE VAN RENSBURG D. The evolution of educational inequalities through secondary school: Evidence from a South African panel study. *Development Southern Africa* 2015; **32**(4):425-442.
46. TERREBLANCHE SJ. Constraints to democracy and public reasoning in the new South Africa. *Philosophy & Social Criticism* 2015; **41**(1):37-45.
47. VON FINTEL M. Subjective well-being, reference groups and relative standing in post-apartheid South Africa. *African Review of Economics and Finance* 2015; **7**(1):6-31.
48. WAGSTAFF A, DMTRACZENKO T, ALMEIDA G, BUISMAN L, BREDEKAMP C, ET AL. Assessing Latin America's progress toward achieving universal health coverage. *Health Affairs* 2015; **34**(10):1704-1712.
49. WEIKARD H, WANGLER L, FREYTAG A. Minimum participation rules with heterogeneous countries. *Environmental & Resource Economics* 2015; **62**:711-727.
50. WILLS G. Informing principal policy reforms in South Africa through data-based evidence. *South African Journal of Childhood Education* 2015; **5**(2):95-122.

Chapters in books

1. SPAULL NA. Schooling in South Africa: How low-quality education becomes a poverty trap. In: De Lannoy A, Swartz S, Lake L, Smith C (eds.) *South African Child Gauge* 2015, Children's Institute, University of Cape Town, Cape Town, South Africa, 2015: 34-41.

INDUSTRIAL PSYCHOLOGY

Journal articles

1. ADAMS SP, DE KOCK F. The role of salient beliefs in graduates' intention to apply. SA Journal of Industrial Psychology (Journal of Industrial Psychology) 2015; **41**(1): Art. #1223, 11 pages.
2. DU PREEZ R. Towards a 21st century university: Teachings from consumer behaviour applicable to higher education. South African Journal of Higher Education 2015; **29**(5):140-155.
3. DU PREEZ R, VAN ZYL LT. Toward the development of a Corporate Social Responsibility Questionnaire: An adaptation of the LBI-2. SA Journal of Industrial Psychology (Journal of Industrial Psychology) 2015; **41**(1): Art. #1256, 18 pages.
4. ENGELBRECHT AS, JORDAAN G, MAHEMBE B. The influence of integrity and ethical leadership on trust in the leader. Management Dynamics: Journal of the South African Institute for Management Scientists/Bestuursdinamika 2015; **24**(1):2-10.
5. GORGENS G, DELPORT M, DU PREEZ R. Developing Emotional Intelligence as a key psychological resource reservoir for sustained student success. SA Journal of Industrial Psychology (Journal of Industrial Psychology) 2015; **41**(1): Art. #1251, 13 pages.
6. MAHEMBE B, ENGELBRECHT AS, CHINYAMURINDI W, KANDEKANDE L. A study to confirm the reliability and construct validity of an organisational citizenship behaviour measure on a South African sample. SA Journal of Industrial Psychology (Journal of Industrial Psychology) 2015; **41**(1): Art. #1289, 8 pages.
7. PRINSLOO J, THERON CC. The modification, elaboration and empirical evaluation of the Burger learning potential structural model. Management Dynamics: Journal of the South African Institute for Management Scientists/Bestuursdinamika 2015; **24**(4):2-34.

Proceedings international

1. TERBLANCHE-SMIT M, MARE M, DU PREEZ R. Applying social marketing principles to an African village model for orphaned children. 14th International Congress of the International Association of Public and Nonprofit Marketing (14th IAPNM Congress), FUCAPE Business School, Brazil 2015: 1-12.

Chapters in books

1. NELL IA, NELL E. Transforming identities in African faith communities and leadership: One continent, many stories. In: Couture P, Mager R, McCarroll PR, Wigg-Stevenson N (eds.) Complex identities in a shifting world. Practical Theological Perspectives, Lit Verlag, Zurich, Germany, 2015: 31-41.

LOGISTICS

Journal articles

1. BURGER AP, DE VILLIERS AP, VAN VUUREN JH. Edge criticality in secure graph domination. Discrete Optimization 2015; **18**:111-122.

2. BURGER AP, DE VILLIERS AP, VAN VUUREN JH. Edge stability in secure graph domination. *Discrete Mathematics and Theoretical Computer Science* 2015; **17**(1):103-122.
3. BURGER AP, JACOBS CG, VAN VUUREN JH, VISAGIE SE. Scheduling multi-colour print jobs with sequence-dependent setup times. *Journal of Scheduling* 2015; **18**(2):131-145.
4. GOEDHALS-GERBER LL, HAASBROEK LM, FREIBOTH HWH, VAN DYK FE. An analysis of the influence of logistics activities on the export cold chain of temperature sensitive fruit through the Port of Cape Town. *Journal of Transport and Supply Chain Management* 2015; **9**(1):1-9.
5. HAVENGA JH. Macro-logistics and externality cost trends in South Africa - underscoring the sustainability imperative. *International Journal of Logistics-Research and Applications* 2015; **18**(2):118-139.
6. HAVENGA JH, GOEDHALS-GERBER LL, DE BOD A, SIMPSON ZP. Provincial Logistics Costs in South Africa's Western Cape Province: Microcosm of national freight logistics challenges. *Journal of Transport and Supply Chain Management* 2015; **9**(1): Art. #206, 8 pages.
7. HEYNS AM, VAN VUUREN JH. An Evaluation of the Effectiveness of Observation Camera Placement within the MeerKAT Radio Telescope Project. *South African Journal of Industrial Engineering* 2015; **26**(2):10-25.
8. MATTHEWS J, VISAGIE SE. SKU assignment to unidirectional picking lines using correlations. *ORiON: Journal of the Operations Research Society of South Africa* 2015; **31**(2):61-76.
9. MATTHEWS J, VISAGIE SE. Assignment of stock keeping units to parallel unidirectional picking. *South African Journal of Industrial Engineering* 2015; **26**(1):235-251.
10. MAUNDER EMW, NEL JH, STEYN NP, KRUGER HS, LABADARIOS D. Added sugar, macro- and micronutrient intakes and anthropometry of children in a developing world context. *PLoS ONE* 2015; **10**(11): e0142059, 24 pages.
11. MCHIZA ZJ, STEYN NP, HILL J, KRUGER A, SCHONFELDT HC, NEL JH, WENTZEL-VILJOEN E. A review of dietary surveys in the adult South African population from 2000 to 2015. *Nutrients* 2015; **7**:8227-8250.
12. POTGIETER L, VAN VUUREN JH, CONLONG DE. The role of heterogeneous agricultural landscapes in the suppression of pest species following random walk dispersal patterns. *Ecological Modelling* 2015; **306**:240-246.
13. VAN AARDT SA, BURGER AP, DUNBAR JE, FRICK M, LLANO B, THOMASSEN C, ZUAZUA R. Destroying longest cycles in graphs and digraphs. *Discrete Applied Mathematics* 2015; **186**(1):251-259.
14. VAN AARDT SA, BURGER AP, FRICK M, KEMNITZ A, SCHIERMEYER I. Hypohamiltonian Oriented Graphs of All Possible Orders. *Graphs and Combinatorics* 2015; **31**(1):1821-1831.
15. VAN DIJK J, KRYGSMAN SC, DE JONG T. Toward spatial justice: The spatial equity effects of a toll road in Cape Town, South Africa. *Journal of Transport and Land Use* 2015; **8**(3):95-114.
16. VAN RENSBURG JA, KRYGSMAN SC. Running dry assessing the fuel levy as a long-term, economically efficient road-use fund. *Civil Engineering* 2015; **23**(8):25-26.

Proceedings international

1. HAVENGA JH. A decade of national level logistics costs measurement in South Africa: The case for macro logistics. Canadian Transportation Research Forum, Proceedings of the 50th Annual Conference, Anther 50 years: Where to from here? (CTRF 2015), Quebec, Canada, CTRF 2015: 397-411.
2. HAVENGA JH, DE BOD A, SIMPSON ZP. Multi-modal freight corridor performance measurement system: a high-level design for South Africa. Logistics Research Network Annual Conference 2015, DERBY, United Kingdom, LRN 2015: 1-8.
3. HAVENGA JH, GOEDHALS-GERBER LL, DE BOD A, FREIBOTH HWH. In search of a sustainability framework for logistics. Logistics Research Network Annual Conference 2015, DERBY, United Kingdom, LRN 2015: 1-8.
4. HAVENGA JH, GOEDHALS-GERBER LL, FREIBOTH HWH, SIMPSON ZP, DE BOD A. The decarbonisation of transport logistics: A South African case study. Canadian Transportation Research Forum, Proceedings of the 50th Annual Conference, Anther 50 years: Where to from here? (CTRF 2015), Quebec, Canada, CTRF 2015: 170-182.
5. HAVENGA JH, SIMPSON ZP. The unexpected consequences of internalising external freight logistics costs - can't it reduce total logistics costs? Logistics Research Network Annual Conference 2015, Derby, United Kingdom, LRN 2015: 1-8.
6. HAVENGA JH, SIMPSON ZP, DE BOD A, VILJOEN N. The development of a logistics barometer for South Africa - in search of real logistics cost drivers. Logistics Research Network Annual Conference 2015, Derby, United Kingdom, LRN 2015: 1-8.
7. SCHLÜNZ EB, BOKOV P, VAN VUUREN JH. On Multiobjective Optimisation Approaches for In-Core Fuel Management Optimisation. In: Maldonado I, Karve A, Ellis R (eds.) Advances in Nuclear Fuel Management V, Hilton Head Island, USA, University of Tennessee 2015: 1-11.
8. VAN DIJK J, KRYGSMAN SC. Gathering individual travel data with GPS-enabled smartphones: a proof-of-concept study. Proceedings of the 34th Southern African Transport Conference (SATC 2015), Pretoria, South Africa, SATC 2015: 448-460.
9. VAN EEDEN J, LOUW JJ, VAN DYK E, JOOSTE C, ROOS T, SMIT JB. Development of Supply Chain Performance Measurement Framework for the South African Wine Industry. In: Cholette S, Mac Cawley A (eds.) Third International Workshop on Food Supply Chains, San Francisco, USA, San Francisco State College of Business 2014: 1-12.
10. VAN RENSBURG JA, KRYGSMAN SC. Running dry: assessing the fuel levy as a long-term, economically efficient road-use fund. Proceedings of the 34th Southern African Transport Conference (SATC 2015), Pretoria, South Africa, SATC 2015: 596-610.

Proceedings national

1. JANSE VAN RENSBURG J, VAN VUUREN JH. Decision support for the assignment of real-estate agents to suburbs. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 23-32.
2. LINDNER BG, EYGELAAR J, LÖTTER DP, VAN VUUREN JH. Tri-objective generator maintenance scheduling for a national power utility. In: Kruger HA

- (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 112-122.
3. SMITH A, COLMANT A, BAM L, VAN VUUREN JH. A new vehicle routing problem with application to pathology laboratory service delivery. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 72-80.
 4. VAN VUUREN BJ, POTGIETER L, VAN VUUREN JH. An agent-based simulation model describing the lek mating process of *Eldana saccharina* Walker. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA Proceedings 2015: 1-11.

SCHOOL FOR PUBLIC LEADERSHIP

Journal articles

1. BALOYI NJ, THERON F. Creating sector policing synergy: co-producing grassroots police community partnerships. *Acta Criminologica: Southern African Journal of Criminology* 2015; **28**(3):92-108.
2. BASSI AM, DE REGO F, HARRISSON J, LOMBARDI N. WATERSTORY ILE: A Systemic Approach to Solve a Long-Lasting and Far-Reaching Problem. *Simulation and Gaming* 2015; **46**(3-4):404-429.
3. CROES PR, VERMEULEN W. Comprehensive life cycle assessment by transferring of preventative costs in the supply chain of products. A first draft of the Oiconomy system. *Journal of Cleaner Production* 2015; **102**:177-187.
4. CURRIE PK, LAY-SLEEPER E, FERNÁNDEZ JE, KIM J, MUSANGO JK. Towards Urban Resource Flow Estimates in Data Scarce Environments: The Case of African Cities. *Journal of Environmental Protection and Ecology* 2015; **6**:1066-1083.
5. GWALA M, THERON F, MCHUNU NA. Public Meetings as a Participatory Method in Local Government the Case of Khayamandi, Stellenbosch. *Administratio Publica* 2015; **23**(4):54-78.
6. HENDLER PJ. Capital accumulation, social reproduction and social struggle: rethinking the function of spatial planning and land use. *African Sociological Review* 2015; **19**(2):2-25.
7. KHAN F. Violence, Grants, Poverty, Inequality, Unemployment and Hope. *Africa Insight* 2015; **44**(4):14-30.
8. MANTZARIS EA, TSEKERIS C, TSEKERIS T. Interrogating corruption: Lessons from South Africa. *International Journal of Social Inquiry* 2015; **7**(1):1-17.
9. MAXEGWANA M, THERON F, DRAAI E. Efficacy of Participation in Local Economic Development, Ngqushwa Local Municipality, Eastern Cape. *Africa Insight* 2015; **44**(4):76-89.
10. MUSAH-SURUGU IJ, YEBOAH-ASSIAMAH E. The 'silent pistol' in Ghana's local government system: presiding members vs. chief executives. *Commonwealth Journal of Local Governance* 2015; **18**:161-180.
11. MUSANGO JK, BRENT AC. A roadmap framework for solar aided power generation in South Africa. *Journal of Energy in Southern Africa* 2015; **26**(4):2-15.
12. SAYEED CM, REDDY PS, PILLAY P. Minding the gap between policy and practice amongst extension workers: lessons from Kwazulu Natal. *South African Journal of Agricultural Extension* 2015; **43**(1):57-67.

13. SCHEEPERS LA, SCHWELLA E. The Municipal Institutional Capacity Model (MICM): A framework for improved municipal performance in South Africa. *Administratio Publica* 2015; **23**(4):95-115.
14. SMIT S, MUSANGO JK. Exploring the connections between green economy and informal economy in South Africa. *South African Journal of Science* 2015; **111**(11/12):1-10.
15. SMIT S, MUSANGO JK. Towards connecting green economy with informal economy in South Africa: A review and way forward. *Ecological Economics* 2015; **116**:154-159.
16. SUNDERLAND T, APGAUA D, BALDAUF C, BLACKIE R, COLFER C, CUNNINGHAM A, DEXTER K, DJOUDI H, GAUTIER D, GUMBO D, ICKOWITZ A, KASSA H, PARTHASARATHY N, PENNINGTON RT, PAUMGARTEN F, PULLA S, SOLA P, TNG D, WAEBER P, WILMÉ L. Global dry forests: a prologue. *International Forestry Review* 2015; **17**(S2):1-9.
17. SWILLING M, MUSANGO JK, WAKEFORD JJ. Developmental States and Sustainability Transitions: Prospects of a Just Transition in South Africa. *Journal of Environmental Policy & Planning* 2015; **10**(1080):1-23.
18. VERMEULEN W, METSELAAR JA. Improving sustainability in global supply chains with private certification standards: testing an approach for assessing their performance and impact potential. *International Journal of Business and Globalisation* 2015; **14**(2):226-250.
19. VERMEULEN W. Self-Governance for Sustainable Global Supply Chains: Can it deliver the Impacts Needed? *Business Strategy and the Environment* 2015; **24**(2):73-85.
20. WAKEFORD JJ, SWILLING M. Implications of increasing world oil scarcity for national food security in South Africa. *Agrekon* 2014; **53**(4):68-91.
21. YEBOAH-ASSIAMAH E, ASAMOAH K, BAWOLE JN. Public sector leadership-subordinate ethical diffusion conundrum: perspectives from developing African countries. *Journal of Public Affairs* 2015; **10**(1002):11.
22. YEBOAH-ASSIAMAH E, MUSAH-SURUGU IJ, BAWOLE JN, NURUDEEN S. The 'Third Sector' and Poverty Reduction in Developing Societies: The Experience of Hunger Project in Selected Rural Communities of Ghana. *International Journal of Rural Management* 2015; **11**(2):85-110.

Proceedings international

1. DE VILLIERS JU, MUSANGO JK, BRENT AC. a System dynamics model of the individual decisions of a salaried employee in saving for retirement. Thirty-second International System Dynamics Conference, New York, USA, System Dynamics Society 2015: 1-26.
2. DUMINY L, BRENT AC, MUSANGO JK. Commercial Fishing and Aquaculture Implications of a Green Economy Transition in the Western Cape. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology, Cape Town, South Africa, IAMOT 2015: 2011-2025.
3. JONKER WD, BRENT AC, MUSANGO JK. Modelling the Production of Biofuel within the Western Cape Province, South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology, Cape Town, South Africa, IAMOT 2015: 501-519.
4. KHAN F. The Case of Housing Policy in the "New" South Africa (circa 1992-2003). In: Göymen K, Lewis RJ (eds.) Public Policymaking in a Globalized World: International Workshop, Istanbul, Turkey, Sabanci University 2015: 386-422.

5. MANTZARIS EA. Whistleblowing as an Act of Bravery or Else: The Case of South Africa. Proceedings of 2015 International conference on Public Administration (11th) (Volume 1), China, UESTC Press 2015: 428-435.
6. MANTZARIS EA, PILLAY P. Ubuntu, Collective Leadership and Ethics: A South African Case Study. In: Rouco JCD (ed.) Proceedings of the 11th European Conference on Management Leadership and Governance, Redding, United Kingdom, Academic Conferences and Publishing International Limited 2015: 262-269.
7. MUSANGO JK, BRENT AC, VAN NIEKERK JBS, JONKER WD, PIENAAR AP, YORK TA, OOSTHUIZEN J, DUMINY L, DE KOCK IH. A system dynamics approach to understand the implications of a green economy transition in the Western Cape Province of South Africa. Thirty-second International System Dynamics Conference, New York, USA, System Dynamics Society 2015: 1-19.
8. PIENAAR AP, BRENT AC, MUSANGO JK. Water Resource Implications of a Green Economy Transition in the Western Cape Province of South Africa: A Modelling Approach Review. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology, Cape Town, South Africa, IAMOT 2015: 755-771.
9. PILLAY P, ISAACS DN. Is multi Anti-Corruption Agencies a Panacea to Combat Corruption: A South African Perspective? Proceedings of 2015 International conference on Public Administration (11th) (Volume 1), China, UESTC Press 2015: 257-264.
10. PILLAY P, KHAN F. Public Policy and Corruption in a Globalized World. In: Göymen K, Lewis RJ (eds.) Public Policymaking in a Globalized World: International Workshop, Istanbul, Turkey, Sabanci University 2015: 202-234.
11. PILLAY P, MANTZARIS EA. Supply Chain Management and the Fight against Corruption: A South African Case Study. In: Rouco JCD (ed.) 11th European Conference on Management Leadership and Governance, Redding, United Kingdom, Academic Conferences and Publishing International Limited 2015: 323-330.
12. VAN NIEKERK JBS, BRENT AC, MUSANGO JK. Agriculture Sector Implications of a Green Economy Transition in the Western Cape Province of South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology, Cape Town, South Africa, IAMOT 2015: 591-610.
13. YORK TA, BRENT AC, MUSANGO JK. Infrastructure Implications of a Green Economy Transition in the Western Cape Province of South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology, Cape Town, South Africa, IAMOT 2015: 80-96.

Proceedings national

1. MULLER JI. Making Great Places through the Right to the City: A South African Perspective. In: Patel Y, Minyuku N, Van Der Bank C, Mohan K, Ogra A (eds.) Proceedings of the conference: Planning Africa 2014 Making Great Places, Johannesburg, South Africa, South African Planning Institute (SAPI) 2014: 279-305.

Books

1. MCINTOSH MC. Thinking The Twenty-First Century: ideas for the new political economy. Greenleaf Publishing, Leeds, United Kingdom 2015:260 pp.

Chapters in books

1. BRAND DJ. South African Governance: The institution. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 192-223.
2. BRAND DJ. South African Governance: The Constitution. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 162-191.
3. ENGELBRECHT MM. Introduction to South African Governance. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 1-8.
4. ENGELBRECHT MM. South African Governance: A Summary. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 355-362.
5. MCLACHLAN MH, HAMANN R, SAYERS V, KELLY CF, DRIMIE SE. Fostering Innovation for sustainable food security – The Southern Africa Food Lab. In: Bitzer V, Hamann R, Hall M, Griffin-EL EW (eds.) The Business of Social and Environmental Innovation: New frontiers in Africa, UCT Press, Cape Town, South Africa, 2015: 163-181.
6. PILLAY P, REDDY PS, SAYEED CM. The South African local government system and the study of Public Administration. In: Reddy PS, de Vries MS (eds.) Quo Vadis? Local Government and Development in South Africa, Bruylant, Brussels, Belgium, 2015: 33-54.
7. SCHWELLA E. South African Governance: Aspirations and futures perspectives. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 274-318.
8. SCHWELLA E. Governance: The concepts. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 10-75.
9. SCHWELLA E. South African Governance: The current reality. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 226-273.
10. SCHWELLA E. South African Governance: The challenges. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 128-160.
11. SCHWELLA E. South African Competent Governance: from policy to implementation. In: Schwella E (ed.) South African Governance, Oxford University Press, Cape Town, South Africa, 2015: 320-354.
12. SWILLING M. How black is the future of green in South Africa's urban future? In: Mangcu X (ed.) The Colour of the Future. Does race matter in post-apartheid South Africa? Wits University Press, Johannesburg, South Africa, 2015: 65-89.
13. SWILLING M. Ecocultural Assemblages in the Urbanizing Global South. In: Pretty J, Böhm S, Bharucha ZP (eds.) Ecocultures: Blueprints for Sustainable Communities, Routledge, New York, USA, 2015: 218-238.

SCHOOL OF ACCOUNTANCY**Journal articles**

1. BRAND JC, RUDMAN RJ, VAN RENEN W. Proposed practices to mitigate significant mobility security risks. International Business and Economics Research Journal 2015; 14(1):199-220.

2. BRINK SM. An evaluation of the income tax treatment of client loyalty programme transactions by South African suppliers. *Journal of Economic and Financial Sciences* 2015; **8**(1):145-164.
3. BRUWER HJ, RUDMAN RJ. Web 3.0: Governance, Risk and Safeguards. *Journal of Applied Business Research* 2015; **31**(3):1037-1056.
4. BUTLER MJ, BUTLER R. Investigating the possibility to use differentiated authentication based on risk profiling to secure online banking. *Information & Computer Security* 2015; **23**(4):421-434.
5. BUTLER R, BUTLER MJ. The password practices applied by South African online consumers: Perception versus reality. *South African Journal of Information Management* 2015; **17**(1): Art. # 638, 11 pages.
6. DIPPENAAR M, NEL R. The Focus of Tax Instruments in Reducing Emissions from Electricity Generation in Selected Developing Countries. *International Business and Economics Research Journal* 2015; **14**(1):145-158.
7. DIPPENAAR M, VAN WYK D. Analysis: investment in subsidiaries, joint ventures and associates. *Accountancy SA* 2015; **1**:1-5.
8. DIPPENAAR M. Tax Instruments Applied in Selected Developing Countries to Reduce Emissions from Electricity Generation – Recommendations for South Africa. *International Business and Economics Research Journal* 2015; **14**(3):485-500.
9. ELOFF A, DE VILLIERS C. The value-relevance of goodwill reported under IFRS 3 versus IAS 22. *SA Journal of Accounting Research* 2015; **29**(2):162-176.
10. ENGELBRECHT WA. The beneficial owner of dividend income received by a discretionary trust. *Journal of Economic and Financial Sciences* 2015; **8**(1):281-304.
11. KILIAN EF, NEL R. Merchant cash advances: Investigating the taxation consequences in South Africa. *Journal of Economic and Financial Sciences* 2015; **8**(2):415-431.
12. MEY EM, DE KLERK M. Association between having a CA(SA) as CEO and accruals quality. *Meditari: Accountancy Research* 2015; **23**(3):276-295.
13. MORRIS C. An industry analysis of the power of human capital for corporate performance: evidence from South Africa. *South African Journal of Economic and Management Sciences* 2015; **18**(4):486-499.
14. MORRIS C. Developments in the value-added efficiency of South African workers – an exploratory study. *South African Journal of Business Management* 2015; **46**(3):1-8.
15. NEL R, VIVIERS H. Exploring Tax Options to Curb Excessive Gambling in South Africa. *Journal of Economics* 2015; **6**(2):156-168.
16. NEL WS, LE ROUX NJ. An Optimal Peer Group Selection Strategy for Multiples-Based Modelling in the South African Equity Market. *Journal of Economics and Behavioral Studies* 2015; **7**:30-46.
17. NIEUWOUDT M, RUDMAN RJ. Leading change while creating value. *Accountancy SA* 2015; **4**:40-41.
18. RUDMAN RJ, VAN RENEN W. Gamify your business: Is your organisation ready to play. *Accountancy SA* 2015; **3**:42-44.
19. SCHOLTZ HE, ENGELBRECHT WA. The effect of remuneration committees, directors' shareholding and institutional ownership on the remuneration of directors in the top 100 companies in South Africa. *Southern African Business Review* 2015; **19**(2):22-51.
20. SCHOLTZ HE, ENGELBRECHT WA. The level and stability of institutional ownership and its influence on company performance in South Africa. *Corporate Ownership and Control* 2015; **13**(1):905-917.
21. SCHOLTZ HE, SMIT A. Factors influencing corporate governance disclosure of companies listed on the Alternative Exchange (AltX) in South Africa. *SA Journal of Accounting Research* 2015; **29**(1):29-50.
22. SMIT S, STEENKAMP G. The competencies developed in an undergraduate accounting course before SAICA's competencies framework was effective: A student's perspective. *Journal of Economic and Financial Sciences* 2015; **8**(2):666-688.

23. STEENKAMP G, WARFFEMIUS P, KRUGER LF. SAICA's academic traineeship programme: Would guidelines facilitate focused skills development? *Journal of Economic and Financial Sciences* 2015; **8**(2):354-371.
24. VAN DER SPUY PVA. Non recognition of internally generated brands: implications for the usefulness of financial statements. *Journal of Economic and Financial Sciences* 2015; **8**(3):808-822.
25. VAN WYK E. Environmental policy integration in terms of section 37d of the Income Tax Act 58 of 1962. *Journal of Economic and Financial Sciences* 2015; **8**(3):822-842.
26. VAN ZYL L. The Lategan case 1: The accrual principle – then and now. *Southern African Business Review* 2015; **19**(1):97-120.
27. WESSON N, BRUWER BW, HAMMAN WD. Share repurchase and dividend payout behaviour: The South African experience. *South African Journal of Business Management* 2015; **46**(3):43-54.

Chapters in books

1. BUTLER R. Basic concepts of governance and internal control. In: Von Wielligh SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 110-132.
2. RUDMAN RJ. Introductions to risk and internal controls in a computerised environment. In: Von Wielligh SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 133-182.
3. SCHOLTZ HE. Ethics. In: Von Wielligh SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 34-76.
4. SCHOLTZ HE. Human resource cycle. In: Von Wielligh SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 359-422.
5. SCHOLTZ HE. Introduction. In: Von Wielligh SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 5-33.
6. VAN ZYL L. Aftreevoordele en die aanslagformule. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds) *SILKE: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 429-448.
7. VAN ZYL L. Algemene Aftrekkings. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 143-174.
8. VAN ZYL L. Introduction and interpretation. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, South Africa, 2015: 1-12.
9. VAN ZYL L. Spesiale Insluitings. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 47-62.
10. VAN ZYL L. Verblyf en bron. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 63-96.
11. VAN ZYL L. General deductions. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, South Africa, 2015: 135-164.
12. VAN ZYL L. Individuals. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income*, LexisNexis, Durban, South Africa, 2015: 331-360.

13. VAN ZYL L. Special inclusions. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, South Africa, 2015: 43-58.
14. VAN ZYL L. Byvoordele. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 379-420.
15. VAN ZYL L. Residence and source. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, 2015: 59-90.
16. VAN ZYL L. Belastingvermyding. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 843-856.
17. VAN ZYL L. Werknemersbelasting. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 449-476.
18. VAN ZYL L. Fringe benefits. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, South Africa, 2015: 361-400.
19. VAN ZYL L. Inleiding en Interpretasie. In: Stiglingh M (ed.) *Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 1-14.
20. VAN ZYL L. Retirement benefits and the rating formula. In: Stiglingh M (ed.) *SILK: South African Income*, LexisNexis, Durban, South Africa, 2015: 401-426.
21. VAN ZYL L. Individue. In: Stiglingh M (ed.) *Suid-Afrikaanse Inkomstebelasting*, LexisNexis, Durban, South Africa, 2015: 349-378.
22. VAN ZYL L. Employees' tax. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income Tax*, LexisNexis, Durban, South Africa, 2015: 427-452.
23. VAN ZYL L. Tax avoidance. In: Stiglingh M, Koekemoer AD, Van Zyl L, Wilcocks JS, De Swardt RD (eds.) *Silke: South African Income*, LexisNexis, Durban, South Africa, 2015: 805-818.
24. VON WIELLIGH SPJ. Specific considerations. In: VON WIELLIGH SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 589-648.
25. VON WIELLIGH SPJ. Audit procedure: Essential concepts. In: VON WIELLIGH SPJ (ed.) *Auditing Fundamentals in a South African Context*, Oxford, Cape Town, South Africa, 2015: 542-588.

STATISTICS AND ACTUARIAL SCIENCE

Journal articles

1. ALEXANDER D, SHUTTLEWORTH-EDWARDS AB, KIDD M, MALCOLM CM. Mild traumatic brain injuries in early adolescent rugby players: Long-term neurocognitive and academic outcomes. *Brain Injury* 2015; **29**(9):1113-1125.
2. BADAT F, CHIGIJI K, SÖHNKE J, SUKDEV K, VAN ZYL N. The evolution and future of social security in Africa: An actuarial perspective. *Economia Espanola y Proteccion Social* 2015; **7**(1889-5956):135-187.
3. BERNING TL. Quantification of estimation instability and its application to threshold selection in extremes. *South African Statistical Journal* 2015; **49**(1):35-59.

4. CHILIZA B, ASMAL L, OOSTHUIZEN PP, VAN NIEKERK E, ERASMUS RT, KIDD M, MALHOTRA A, EMSLEY RA. Changes in body mass and metabolic profiles in patients with first-episode schizophrenia treated for 12 months with a first-generation antipsychotic. *European Psychiatry* 2015; **30**(2):277-283.
5. CONRADIE M, CONRADIE MM, SCHER AT, KIDD M, HOUGH FS. Vertebral fracture prevalence in black and white South African women. *Archives of Osteoporosis* 2015; **10**(1): Article 1, 10 pages.
6. DAVIDS MR, HARVEY J, HALPERIN ML, CHIKTE UME. Determining the number of participants needed for the usability evaluation of e-learning resources: A Monte Carlo simulation. *British Journal of Educational Technology* 2015; **46**(5):1051-1055.
7. DAVIS K, SMIT MF, KIDD M, SHARROCK S, ALLENSTEIN P. An access and benefit-sharing awareness survey for botanic gardens: Are they prepared for the Nagoya Protocol? *South African Journal of Botany* 2015; **98**:148-156.
8. DREYER G, VAN DER MERWE FH, BOTHA MHH, SNYMAN LC, CONSTANT D, VISSER C, HARVEY J. School-based human papillomavirus vaccination: An opportunity to increase knowledge about cervical cancer and improve uptake of screening. *SAMJ South African Medical Journal* 2015; **105**(11):912-916.
9. DU TOIT GC, KIDD M. A prospective study of demographic features and quality of life in HIV-positive women with cervical cancer treated at Tygerberg Hospital. *Southern African Journal of HIV Medicine* 2015; **16**(1):1-5.
10. DU TOIT GC, KIDD M. Prospective quality of life study of South African women undergoing treatment for advance-stage cervical cancer. *Clinical Therapeutics* 2015; **37**(10):2324-2331.
11. EMSLEY RA, ASMAL L, CHILIZA B, DU PLESSIS S, CARR JA, KIDD M, MALHOTRA AK, VINK M, KAHN RS. Changes in brain regions associated with food-intake regulation, body mass and metabolic profiles during acute antipsychotic treatment in first-episode schizophrenia. *Psychiatry Research-Neuroimaging* 2015; **233**(2):186-193.
12. EMSLEY RA, ASMAL L, DU PLESSIS S, CHILIZA B, KIDD M, CARR JA, VINK M. Dorsal striatal volumes in never-treated patients with first-episode schizophrenia before and during acute treatment. *Schizophrenia Research* 2015; **169**(1-3):89-94.
13. GIDDEY KF, KIDD M, BRITZ TJ, SIGGE GO, LAMPRECHT C. Impact of hydrogen peroxide treatment on environmental *Escherichia coli* strains. *Journal of Applied & Environmental Microbiology* 2015; **3**:49-57.
14. GOWER J, LE ROUX NJ, GARDNER-LUBBE S. Biplots: Quantitative data. *Wiley Interdisciplinary reviews: computational statistics* 2015; **7**:42-62.
15. GROENEN PJF, LE ROUX NJ, GARDNER-LUBBE S. Spline-based nonlinear biplots. *Advances in Data Analysis and Classification* 2015; **9**:219-238.
16. GUELPA A, DU PLESSIS A, KIDD M, MANLEY M. Non-destructive Estimation of Maize (*Zea mays* L.) Kernel Hardness by Means of an X-ray Micro-Computed Tomography (μ CT) Density Calibration. *Food and Bioprocess Technology* 2015; **8**:1419-1429.
17. HARVEY J, LAAKS D, SMIT DP. Polymerase chain reaction to search for Herpes viruses in uveitic and healthy eyes: A South African perspective. *African Health Sciences* 2015; **15**:748-754.
18. HARVEY J, VAN DER MERWE AJ. Analysis of unbalanced occupational exposure data using a bayesian random effects model. *South African Statistical Journal* 2015; **49**:169-185.

19. IBRAHIM S, JAREFORS E, NEL DG, VOLLMER L, GROENEWALD CA, ODENDAAL HJ. Effect of maternal position and uterine activity on periodic maternal heart rate changes before elective cesarean section at term. *Acta Obstetrica et Gynecologica Scandinavica* 2015; **17**:1-8.
20. JONES CE, HESSELING AC, TENA-COKI NG, SCRIBA T, CHEGOU NN, KIDD M, WILKINSON RJ, KAMPMANN B. The impact of HIV exposure and maternal Mycobacterium tuberculosis infection on infant immune responses to bacille Calmette-Guérin vaccination. *Aids* 2015; **29**(2):155-165.
21. KRIEL M, LOTZ JW, KIDD M, WALZL G. Evaluation of a radiological severity score to predict treatment outcome in adults with pulmonary tuberculosis. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(11):1354-1360.
22. LUCKHOFF HK, BRAND T, VAN VELDEN DP, KIDD M, FISHER LR, JANSE VAN RENSBURG S, KOTZE MJ. Clinical Relevance of Apolipoprotein E Genotyping Based on a Family History of Alzheimer's Disease. *Current Alzheimer Research* 2015; **12**:210-217.
23. MACHEKANO R, YOUNG TN, CONRADIE WJ, RUSAKANIKO S, THABANE L. Workshop report: building biostatistics capacity in Sub-saharan Africa-taking action. *Pan African Medical Journal* 2015; **21**(167):1-10.
24. NEL WS, LE ROUX NJ. An Optimal Peer Group Selection Strategy for Multiples-Based Modelling in the South African Equity Market. *Journal of Economics and Behavioral Studies* 2015; **7**:30-46.
25. OLIVIER MR, KILIAN S, CHILIZA B, ASMAL L, SCHOEMAN R, OOSTHUIZEN PP, KIDD M, EMSLEY RA. Cognitive performance during the first year of treatment in first-episode schizophrenia: a case-control study. *Psychological Medicine* 2015; **45**(13):2873-2883.
26. PLANTINGA AA, CORUBOLO D, CLOVER RJ. Catastrophe modelling: deriving the 1-in-200-year mortality shock for a South African insurer's capital requirements under Solvency Assessment and Management. *South African Actuarial Journal* 2015; **15**:51-92.
27. REINECKE MK, BROWN CA, ESLER KJ, KING JM, KLEYNHANS MT, KIDD M. Links between Lateral Vegetation Zones and River Flow. *Wetlands* 2015; **35**(3):473-486.
28. THOMAS E, CLOETE KJ, KIDD M, LATEGAN BH. A decentralized model of psychiatric care: Profile, length of stay and outcome of mental healthcare users admitted to a district-level public hospital in the Western Cape. *South African Journal of Psychiatry* 2015; **21**(1):8-12.
29. UYS DW, ALANT EJT. Estimation of promotion, repetition and dropout rates for learners in South African Schools. *Perspectives in Education* 2015; **33**:20-41.
30. UYS DW, ALANT EJT. Predicting the highest grade most likely to be reached by a learner in the South African education system. *Journal for Studies in Economics and Econometrics / Tydskrif vir Studies in Ekonomie en Ekonometrie* 2015; **39**(2):87-103.
31. VAN DER MERWE S, DU PLESSIS LM, JOOSTE H, NEL DG. Comparison of infant-feeding practices in two health subdistricts with different baby-friendly status in Mpumalanga province. *South African Journal of Clinical Nutrition* 2015; **28**(3):121-127.
32. VAN DYK L, SPRINGER PE, KIDD M, STEYN N, SOLOMONS RS, VAN TOORN R. Familial-Environmental Risk Factors in South African Children with Attention-Deficit Hyperactivity Disorder. *Journal of Child Neurology* 2015; **30**:1327-1332.

33. VAN HEERDEN JD, VAN RENSBURG P. The cross-section of Johannesburg Securities Exchange listed equity returns. *Studies in Economics and Finance* 2015; **32**(4):422-444.
34. VAN NIEKERK E, NEL DG, BLAAUW R, KIRSTEN GF. Probiotics Reduce Necrotizing Enterocolitis Severity in HIV-exposed Premature Infants. *Journal of Tropical Pediatrics* 2015; **61**(3):155-164.
35. VAN VELDEN DP, REUTER H, KIDD M, MULLER FO. Non-allopathic adjuvant management of osteoarthritis by alkalinisation of the diet. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-7.
36. VIVIERS MZ, BEKKER JPI, BURGER BV, LE ROUX NJ, MORRIS JDV, LE ROUX M. Characterization of amniotic fluid of Dohne Merino ewes (*Ovis aries*) and its possible role in neonatal recognition. *Zeitschrift für Naturforschung Section A-A Journal of Physical Sciences* 2015; **70**(5-6):115-128.
37. WESSELS CB, MALAN FS, KIDD M, RYPSTRA T. The variation of microfibril angle in South African grown *Pinus patula* and its influence on the stiffness of structural lumber. *Southern Forests* 2015; **3**:213-219.

Proceedings National

1. DE VILLIERS MJ, BEZUIDENHOUT D, MOSTERT PJ. Influence of right-censoring on some kernel-smoothed hazard rates. In: Santana L (ed.) *Proceedings of the 57th Annual Conference of the South African Statistical Association for 2015 (SASA 2015)*, South Africa, SA ePublications 2015: 25-32.

UNIVERSITY OF STELLENBOSCH BUSINESS SCHOOL (USB)

Journal articles

1. AKOTEY JO, ADJASI CKD. Exploring the effect of microinsurance on asset inequality among households in Ghana. *Journal of Developing Areas* 2015; **49**(2):373-398.
2. AZIAKPONO JM, WILSON MK. Interest rate pass through, financial structure and monetary policy in South Africa. *African Finance Journal* 2015; **17**(1):67-90.
3. AZIAKPONO JM. Using complementary teaching and assessment methods in promoting active learning of econometrics in a graduate class: An experiment. *International Journal of Education Economics and Development* 2015; **6**(1):20-37.
4. BELL D. Inclusive organisations make business sense. *People Dynamics* 2015; **2015**:3-5.
5. BUTLER MJ, BUTLER R. Investigating the possibility to use differentiated authentication based on risk profiling to secure online banking. *Information & Computer Security* 2015; **23**(4):421-434.
6. BUTLER R, BUTLER MJ. The password practices applied by South African online consumers: Perception versus reality. *South African Journal of Information Management* 2015; **17**(1): Art. #638, 11 pages.
7. CHAN KAI-YING, OERLEMANS LAG, VOLSCHEK JW. On the construct validity of measures of willingness to pay for green electricity: Evidence from a South African case. *Applied Energy* 2015; **160**(2015):321-328.
8. CHAUDHRY SM, KLEIMEIER-ROS S. Lead arranger reputation and the structure of loan syndicates. *Journal of International Financial Markets Institutions & Money* 2015; **38**:116-126.

9. DAUDA RS, AZIAKPONO JM. Population dynamics and economic outcomes in West Africa. *Journal for Studies in Economics and Econometrics / Tydskrif vir Studies in Ekonomie en Ekonometrie* 2015; **39**(3):117-145.
10. DJOLOV GG. Competition in the South African manufacturing sector: An empirical probe. *South African Journal of Business Management* 2015; **46**(3):21-29.
11. JIN Z, LYNCH RICHARD, ATTIA S, CHANSARKAR B, GULSOY T, UNGERER M. The relationship between consumer ethnocentrism, cosmopolitanism and product country image among younger generation consumers: The moderating role of country development status. *International Business Review* 2015; **24**(2015):380-393.
12. KAPINGURA FM, IKHIDE S, TSEGAYE A. Determinants of savings in the SADC region: The role of foreign capital and financial development. *Journal of Applied Business Research* 2015; **31**(6):1-15.
13. KAPINGURA FM, IKHIDE S. Macroeconomic determinants of liquidity of the bond market in Africa: Case study of South Africa. *Journal of Economics and Behavioral Studies* 2015; **7**(3):88-103.
14. KLEIMEIER-ROS S, CHAUDHRY SM. Cultural differences and the structure of loan syndicates. *Finance Research Letters* 2015; **15**(2015):115-124.
15. LA GRANGE PL, KRIGE JD. Profitability of momentum strategies on the JSE. *Journal for Studies in Economics and Econometrics / Tydskrif vir Studies in Ekonomie en Ekonometrie* 2015; **39**(3):49-65.
16. LONG GD, MARWA NW. Determinants of financial sustainability of microfinance institutions in Ghana. *Journal of Economics and Behavioral Studies* 2015; **7**(4):71-81.
17. MALAN DP. A measure of health. *Cornerstone Journal of Sustainable Finance & Banking* 2015; **2**(7):31-32.
18. MANSFIELD GM, UNGERER M, VORSTER S. Entrepreneurial opportunities in the craft-distilling market in South Africa. *African Journal of Business Management* 2015; **9**(6):259-269.
19. MARWA NW, AZIAKPONO JM. Financial sustainability of Tanzanian saving and credit cooperatives. *International Journal of Social Economics* 2015; **42**(10):870-887.
20. MARWA NW, AZIAKPONO JM. The rise of saving and credit cooperatives in Tanzania: will it bring financial boom or bust? *Development Finance Agenda* 2015; **1**(1):38-39.
21. MARWA NW, ZHANJE S. A review of finance-growth nexus theories: How does development finance fits in? *Studies in Business and Economics* 2015; **10**(1):83-91.
22. MARWA NW. Collectives action, theory and practice of public policy: The relationship between public policy and collective action. *Journal of Public Policy and Administration Research* 2015; **5**(5):56-62.
23. MTHIMKHULU AM, AZIAKPONO JM. What impedes micro, small and medium firms' growth the most in South Africa? Evidence from the World Bank Enterprise Surveys. *South African Journal of Business Management* 2015; **46**(2):15-28.
24. NAUDE PJ. African urbanims: Reinterpreting the marks of the church. *Stellenbosch Theological Journal / Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):69-86.

- 25.SCHMITT HU. Knowledge management systems as an interdisciplinary communication and personalized general-purpose technology. *Journal on Systemics, Cybernetics and Informatics* 2015; **13**(6):28-37.
- 26.SCHMITT HU. Putting personal knowledge management under the microscope of informing science. *Informing Science: The International Journal of an Emerging Transdiscipline* 2015; **18**(2015):145-153.
- 27.SCHMITT HU. Supporting digital scholarship and individual curation based on a meme-and-cloud-based personal knowledge management concept. *Academic Journal of Science* 2015; **4**(1):220-237.
- 28.SCHMITT HU. Towards a world heritage of memes repository for tracing ideas, tailoring knowledge assets and tackling opportunity divides: Supporting a novel personal knowledge management concept. *The International Journal of Technology, Knowledge, and Society: Annual Review* 2015; **10**(2015):25-44.
- 29.SCHOEMAN R. The Attention Deficit Hyperactivity Special Interest Group of the South African Society of Psychiatrists (The ADHD SIG). *ADHA in focus* 2015; **2015**:2-3.
- 30.STEENKAMP L. Fiscal incentives for the modern-day Flintstones: A note on energy efficiency. *Taxtalk* 2015; **54** (November/December):70-72.
- 31.STEENKAMP L. From Edison to Eskom: A look at electricity and tax policy in South Africa. *Taxtalk* 2015; **54** (September/October):70-73.
- 32.STEYN CB, DE KLERK JJ. Serving up the self: Role identity and burnout in client service environments. *SA Journal of Industrial Psychology (Journal of Industrial Psychology)* 2015; **41**(1):1-12.
- 33.THERON-WEPENER ML, BOSHOFF HC. An instrument to measure the customer-based corporate reputation of large service organizations. *Journal of Services Marketing* 2015; **29**(3):163-172.
- 34.UNGERER M, SCHLECHTER C, VOLSCHENK S. Managing firm growth: Lessons of success. *African Journal of Business Management* 2015; **9**(7):354-368.
- 35.UNGERER M, VORSTER S. Strategy disclosure reporting trends in South Africa: A 2010-2011 comparative analysis for six industry clusters. *Southern African Business Review* 2015; **19**(3):78-101.
- 36.VAN DER WALT F, DE KLERK JJ. The experience of spirituality in a multi-cultural work environment. *African and Asian Studies* 2015; **14**(4):253-288.
- 37.VIVIERS S, SMIT EVD. Institutional proxy voting in South Africa: process, outcomes and impact. *South African Journal of Business Management* 2015; **46**(4):21-34.
- 38.WESSON N, BRUWER BW, HAMMAN WD. Share repurchase and dividend payout behaviour: The South African experience. *South African Journal of Business Management* 2015; **46**(3):43-54.

Proceedings international

1. AMADHILA EM, IKHIDE S. Agricultural credit for small and medium scale farmers in Namibia: An exploration of financing options and reasons for not financing agriculture. *LCBR Finance and Economics Conference, Frankfurt, Germany, Lupcon Centre for Business Research* 2015: 1-20.
2. DE KLERK JJ. Battling the devils within – a psychodynamic inquiry as to why ‘good people’ do bad. *5th Australasian Business Ethics Network (ABEN) Conference, Sydney, Australia, ABEN* 2015: 1-38.
3. MARWA NW, AZIAKPONO JM. What drives performance among Tanzanian savings and credit cooperatives? Multiple case study approach. *14th European*

Workshop on Efficiency and Productivity Analysis (EWEPA), Helsinki, Finland, EWEPA 2015: 1.

4. MUSANGO JK, BRENT AC, VAN NIEKERK JBS, JONKER WD, PIENAAR AP, YORK TA, OOSTHUIZEN J, DUMINY L, DE KOCK IH. A system dynamics approach to understand the implications of a green economy transition in the Western Cape Province of South Africa. Thirty-second International System Dynamics Conference, New York, USA, System Dynamics Society 2015: 1-19.
5. ODUORI FN, HERBST FJ, TERBLANCHE-SMIT M. New service development strategy for the service sector: Why the square peg won't fit in the round hole. In: Bisschoff CA (ed.) 9th International Business Conference, Livingstone, Zambia, NWU Business School 2015: 1-24.
6. TERBLANCHE-SMIT M, MARE M, DU PREEZ R. Applying social marketing principles to an African village model for orphaned children. 14th International Congress of the International Association of Public and Nonprofit Marketing (14th IAPNM Congress), FUCAPE Business School, Brazil 2015: 1-12.

Proceedings national

1. ALBERTYN RM, TERBLANCHE NHDLR, VAN COLLER-PETER S. Congratulations on your promotion! Now what? Developing leaders by supporting their transitions into senior positions. Social Sciences for Development Conference, Stellenbosch, South Africa, Stellenbosch University 2015: 1-19.
2. AMOAH L, AZIAKPONO JM. Exchange rate behaviour in Ghana: Is there a misalignment? Economic Society of South Africa (ESSA) Biennial Conference, Cape Town, South Africa, ESSA 2015: 1-24.
3. AZIAKPONO JM. Financial development and income inequality in Africa: A panel heterogeneous approach. Economic Society of South Africa (ESSA) Biennial Conference, Cape Town, South Africa, ESSA 2015: 1-25.
4. KHOMO MM, AZIAKPONO JM. Fundamental determinants of the equilibrium real effective exchange rate in South Africa. Economic Society of South Africa (ESSA) Biennial Conference, Cape Town, South Africa, ESSA 2015: 1-28.
5. RATEIWA R, AZIAKPONO JM. Financial structure and economic growth in Africa's three biggest economies: Time series evidence. Economic Society of South Africa (ESSA) Biennial Conference, Cape Town, South Africa, ESSA 2015: 1-34.
6. RATEIWA R, AZIAKPONO JM. Non-bank financial institutions and economic growth: Evidence from selected African countries. Economic Society of South Africa (ESSA) Biennial Conference, Cape Town, South Africa, ESSA 2015: 1-29.

Books

1. LOTZ M, BRENT AC. Carbon Footprinting Guide. Nedbank Limited, Sandton, South Africa 2015:92 pp.
2. NAUDE PJ. Pathways in Theology. Ecumenical, African and Reformed. Sun Press, Stellenbosch, South Africa 2015:371 pp.
3. VAN COLLER-PETER S. Coaching Leadership Teams. Getting Organisational Culture Aligned. Knowres Publishing, Randburg, South Africa 2015:163 pp.

Chapters in books

1. TERBLANCHE-SMIT M, TERBLANCHE NHDLR. Innovations in social marketing and public health communication: Improving the quality of life for

individuals and communities. In: Wyler W (ed.) Innovations in Social Marketing and Public Health Communication, Springer, Switzerland, 2015: 173-184.

BUREAU FOR ECONOMIC RESEARCH

Journal articles

1. KEMP JH. Measuring potential output for the South African economy: Embedding information about the financial cycle. South African Journal of Economics 2015; **83**(4):549-568.

Books

1. VENTER JLC. Stepping on freedom. Brigadiers A&K (Pty) Ltd, Stellenbosch, South Africa 2015:60 pp.

FACULTY OF EDUCATION

CURRICULUM STUDIES

Journal articles

1. ANYANWU RN, LE GRANGE LLL, BEETS PAD. Climate change science: The literacy of Geography teachers in the Western Cape Province, South Africa. *South African Journal of Education* 2015; **35**(3):1-9.
2. BICCARD P, WESSELS DCJ. Student mathematical activity as a springboard to developing teacher didacticisation practices. *Pythagoras* 2015; **36**(2):37-45.
3. BITZER EM. The doctoral quest as an alternative metaphoric narrative for doctoral research education. *Journal for New Generation Sciences* 2015; **13**(3):1-16.
4. EDWARDS N. Multimodality in science education as productive pedagogy in a PGCE programme. *Perspectives in Education* 2015; **33**(3):159-175.
5. ESAU O. Developing Academic and Community Research Participation in a South African Township and Rural Community. *Educational Research for Social Change* 2015; **4**(1):68-78.
6. FOURIE-MALHERBE M. Accountability and Autonomy in Higher Education in a Transforming Democracy: The Case of South Africa. *The Journal of the World Universities Forum* 2015; **8**(4):39-50.
7. FOURIE-MALHERBE M. History and Challenges: The State of Higher Education Studies in South Africa. *Shandong Higher Education* 2015; **1**:58-66.
8. FREDERICKS F, GREEFF AP. Own and perceived parental religiosity and the quality of the parent-child relationship. *Journal of Beliefs & Values-Studies in Religion & Education* 2015; **36**(2):252-258.
9. LAMPEN CE. Teacher narratives in making sense of the statistical mean algorithm. *Pythagoras* 2015; **36**(1):1-12.
10. LE CORDEUR MLA. Mandela and Afrikaans: From Language of the Oppressor to Language of Reconciliation. *International Review of Social Sciences and Humanities* 2015; **10**(1):32-45.
11. LE CORDEUR MLA. Die kwessie van Kaaps: Afrikaansonderrig op skool benodig 'n meer inklusiewe benadering / The issue of Kaaps: Afrikaans teaching at school needs a more inclusive approach. *Tydskrif vir Geesteswetenskappe* 2015; **55**(4):712-728.
12. LE GRANGE LLL. 'n Verkenning van die verhouding tussen wetenskap en inheemse kennis: Moontlikhede vir integrasie in Suid-Afrikaanse Lewenswetenskappeklaskamers / Exploring the relationship between science and indigenous knowledge: Possibilities for integration in South African Life Sciences classrooms. *South African Journal for Science and Technology / Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2015; **34**(1):1-8.
13. LE GRANGE LLL. Ubuntu/Botho as Ecophilosophy and Ecosophy. *Journal of Human Ecology* 2015; **49**(3):301-308.
14. LESHEM S, ZION N, FRIEDMAN A. A Dream of a School: Student Teachers Envision Their Ideal School. *SAGE Open* 2015; **5**(4): 1-8.

15. MARTHINUSSEN PJ, VAN DER MERWE M. 'n Aangepaste bewustheidsprogram om fonologiese en fonemiese bewustheid in aanvangslees van Graad 1-leerders in 'n taalarm omgewing te verbeter. *Per Linguam: A Journal of Language Learning* 2015; **31**(2):53-78.
16. MWINDA RN, VAN DER WALT C. From 'English-only' to translanguaging strategies: Exploring possibilities. *Per Linguam: A Journal of Language Learning* 2015; **31**(3):100-118.
17. ONTONG K, LE GRANGE LLL. The need for place-based education in South African schools: the case of Greenfields Primary. *Perspectives in Education* 2015; **33**(3):42-57.
18. ONTONG K, LE GRANGE LLL. Die herkonseptualisering van volhoubaarheid ná die dekade van opvoeding vir volhoubare ontwikkeling / The reconceptualization of sustainability after the decade of education for sustainable development. *Tydskrif vir Geesteswetenskappe* 2015; **55**(1):50-61.
19. SWANEPOEL J. Transferring and transcending literature: Game of Thrones as transgeneric text. *Stilet: Tydskrif vir die Afrikaanse Letterkundevereniging* 2015; **XXVII** (1):108-121.
20. VAN DER WALT C, KLAPWIJK N. Language of Learning and Teaching in a multilingual school environment: What do teachers think? *Language Matters* 2015; **46**(2):293-318.
21. WILSON L, BITZER EM, NEWMARK R. Community-engaged curricula in higher education: The case of a master's programme in play therapy. *South African Journal of Higher Education* 2015; **29**(4):296-314.

Proceedings national

1. BOTHA ML, BEETS PAD. Tensions and Possibilities in Establishing School-University Partnerships as a Core Component of Improved Teacher Education. *Teaching Practice / Didactics Symposium, Vanderbijlpark, South Africa, North-West University* 2014: 1-20.
2. GIERDIEN MF. On working with mathematics teachers from historically disadvantaged high schools through a continuous professional development initiative. In: Maoto S, Chigonga B, Masha K (eds.) *Proceedings of the 21st Annual National Congress of the Association for Mathematics Education of South Africa (AMESA), Polokwane, South Africa, AMESA* 2015: 153-165.
3. LONG C, LAMPEN CE. Professional identity and teacher agency: necessary and sufficient. In: Maoto S, Chigonga B, Masha K (eds.) *Proceedings of the 21st Annual National Congress of the Association for Mathematics Education of South Africa (AMESA), Polokwane, South Africa, AMESA* 2015: 311-333.
4. MATLALA SJ, WESSELS DCJ. The experiences of secondary mathematics teachers teaching mathematics through problem solving. In: Maoto S, Chigonga B, Masha K (eds.) *Proceedings of the 21st Annual National Congress of the Association for Mathematics Education of South Africa (AMESA), Polokwane, South Africa, AMESA* 2015: 371-385.

Books

1. COSTANDIUS E, BITZER EM. *Engaging higher education curricula: A critical Citizenship perspective*. SuNMEDIA, Stellenbosch, South Africa 2015:173 pp.
2. HORN K. *In Enemy Hands: South Africa's POWs in World War II*. Jonathan Ball Publishers, Cape Town, South Africa 2015:308 pp.

Chapters in books

1. BEETS PAD. Curriculum and assessment. In: Du Preez P, REDDY CPS (eds.) Curriculum Studies: Visions and Imaginings, Pearson, Cape Town, South Africa, 2014: 134-156.
2. BRODIN E. Conditions for Criticality in Doctoral Education: A Creative Concern. In: Davies M, Barnett R (eds.) The Palgrave Handbook of Critical Thinking in Higher Education, Palgrave Macmillan, New York, United Kingdom, 2015: 265-282.
3. LE CORDEUR MLA. Afrikaans: mites en werklikhede. In: Engelbrecht A (ed.) Afrikaansmetodiek deur 'n nuwe bril, Oxford University Press Southern Africa, Cape Town, South Africa, 2014: 29-68.
4. LE CORDEUR MLA. Die geïntegreerde benadering. In: Engelbrecht A (ed.) Afrikaansmetodiek deur 'n nuwe bril, Oxford University Press Southern Africa, Cape Town, South Africa, 2014: 252-285.
5. LE CORDEUR MLA. 'n Krities-analitiese beskouing van Bruin Afrikaanssprekendes se rol in die Afrikaanse media en Naspers. In: RABE L (ed.) 'n Konstante Revolusie: Naspers, Media24 en Oorgange: 1914-2014, Tafelberg Uitgewers, Kaapstad, South Africa, 2015: 203-212.
6. REDDY CPS. Curriculum: Exploring an ever-changing landscape. In: du Preez P, REDDY CPS (eds.) Curriculum Studies: Visions and Imaginings, Pearson, Cape Town, South Africa, 2014: 11-31.
7. ROBINSON M. So How High Has the Mountain Been Climbed? A Reflective Overview of the Book. In: Tillema H, Van der Westhuizen G, Smith K (eds.) Mentoring for Learning: "Climbing the Mountain", Sense Publishers, Rotterdam, Netherlands, 2015: 333-341.
8. VAN DER WALT C. Bi/Multilingual higher education: Perspectives and Practices. In: Wright WE, Boun S, Garcia O (eds.) The Handbook of Bilingual and Multilingual Education, Wiley Blackwell, Chichester, United Kingdom, 2015: 354-371.

EDUCATION POLICY STUDIES

Journal articles

1. DAVIDS N. Islam and Multiculturalism in Europe: An Exposition of a Dialectical Encounter. *The American Journal of Islamic Social Sciences* 2015; **32**(2):31-50.
2. DAVIDS N. Are Muslim women in need of Islamic feminism? In consideration of a re-imagined Islamic educational discourse. *British Journal of Religious Education* 2015; **37**(3):311-325.
3. DAVIDS N, WAGHID Y. The Invisible Silence of Race: On exploring some experiences of minority group teachers at South African schools. *Power and Education* 2015; **7**(2):155-168.
4. DAVIDS N, WAGHID Y. Geweld in post-apartheid skole - waar lê die oplossing? /On speaking to violence in post-apartheid schools. *Tydskrif vir Geesteswetenskappe* 2015; **55**(4):681-693.
5. FATAAR MA. Moosa's aporia: A critical interrogation of the text What is a Madrasa? *Southern African Review of Education* 2015; **21**(2):110-119.

6. FATAAR MA, SUBREENDUTH S. The search for ecologies of knowledge in the encounter with African epistemicide in South African education. *South African Journal of Higher Education* 2015; **29**(2):106-121.
7. FILLIES H, FATAAR MA. Doksa en verwerkliking van leeridentiteitspraktyk van hoërskoolkinders in 'n landelike werkersklasdorpskonteks. *Litnet Akademies* 2015; **12**(3):728-755.
8. GOVENDER S, FATAAR MA. Historical continuities in the education policy discourses of the African National Congress, 1912-1992. *South African Journal of Education* 2015; **35**(1):1-8.
9. ISAACS TI, WAGHID Y. Legitimising critical pedagogy in the face of timorous, mechanistic pedagogy. *South African Journal of Higher Education* 2015; **29**(4):158-178.
10. JOORST JP. Towards a 'self-schooled' habitus: High school students' educational navigations in an impoverished rural West Coast township. *Southern African Review of Education* 2015; **21**(2):53-68.
11. MATOPE J, BADROODIEN A. Youth perspectives of achievement: Is money everything? *Perspectives in Education* 2015; **33**(3):58-71.
12. RINQUEST E. Making place: High school girls' place-making practices and identifications in the light of the 'expressive culture' of their independent school in peri-urban Cape Town. *Southern African Review of Education* 2015; **21**(2):69-90.
13. WAGHID Y. On the (Im)potentiality of an African Philosophy of Education to Disrupt Inhumanity. *Educational Philosophy and Theory* 2015; **47**(11):1234-1240.
14. WAGHID Y. Cultivating responsibility and humanity in public schools through democratic citizenship education. *Africa Education Review* 2015; **12**(2):257-269.
15. WAGHID Y. Are doctoral studies in South Africa higher education being put at risk? *South African Journal of Higher Education* 2015; **29**(5):1-7.
16. WAGHID Y, DAVIDS N. Maximalist Islamic Education as a response to Terror: Some Thoughts on Unconditional Action. *Educational Philosophy and Theory* 2015; **47**(13-14):1477-1492.
17. ZIPIN L. Chasing curricular justice: How complex ethical vexations of re-distributing cultural capital bring dialectics to the door of aporia. *Southern African Review of Education* 2015; **21**(2):91-109.
18. ZIPIN L, FATAAR MA, BRENNAN M. Can Social Realism do Social Justice? Debating the Warrants for Curriculum Knowledge Selection. *Education as Change* 2015; **19**(2):9-36.

Books

1. FATAAR MA. *Engaging Schooling Subjectivities across Post-Apartheid Urban Spaces*. Sun Media, Stellenbosch, South Africa 2015:185 pp.
2. MCDONALD Z. *Expressing Post-Secular Citizenship*. Peter Lang, Bern, Switzerland 2015:128 pp.
3. WAGHID Y. *Dancing with Doctoral Encounters: Democratic Education in Motion*. Sun Press, Stellenbosch, South Africa 2015:158 pp.

Chapters in books

1. COOPER AL. We Need to Talk About Learning: Dialogue and Learning Amongst South African Youth. In: Wyn J, Cahill H (eds.) *Handbook of Children and Youth Studies*, Springer, Singapore, 2015: 419-445.

2. WAGHID Y. Beyond Critical Citizenship Education: On the Transformative Dimension of Critical Citizenship Education. In: Fataar MA (ed.) *Engaging Higher Education Curricula: A Critical Citizenship Education Perspective*, Sun Media, Stellenbosch, South Africa, 2015: 123-129.
3. WAGHID Y. Curriculum and moral debates: On virtue education and multicultural integration. In: du Preez P, Reddy CPS (eds.) *Curriculum Studies: Visions and Imaginings*, Pearson, Cape Town, South Africa, 2015: 76-109.

EDUCATIONAL PSYCHOLOGY

Journal articles

1. BENJAMIN A, CAROLISSEN RL. "They just block it out": Community counsellor's narratives of trauma in a low-income community. *Peace and Conflict* 2015; **21**(3):414-431.
2. CAROLISSEN RL, SHEFER T. A critical review of practices of inclusion and exclusion in the psychology curriculum in higher education. *Pins: Psychology in Society* 2015; **49**:7-24.
3. DANIELS S, BABCOCK RD, DANIELS D. Writing Centers and Disability: Enabling Writers through an Inclusive Philosophy. *Praxis: A Writing Center Journal* 2015; **13**(1):20-26.
4. DREYER LM. Experiences of parents with children diagnosed with reading difficulties. *Southern African Review of Education* 2015; **21**(1):94-111.
5. DREYER LM. Reflective journaling: A tool for teacher professional development. *Africa Education Review* 2015; **12**(2):331-344.
6. DU PLESSIS B, KAMINER D, HARDY A, BENJAMIN A. The contribution of different forms of violence exposure to internalizing and externalizing symptoms among young South African adolescents. *Child Abuse & Neglect* 2015; **45**:80-89.
7. LE ROUX MC, SWARTZ LP, SWART RE. Die effek van 'n troeteldier-ondersteunde leesprogram op woordherkenningsvaardighede van graad 3-kindere. *Tydskrif vir Geesteswetenskappe* 2015; **55**(2):289-303.
8. OSWALD MM, PEROLD MD. A teacher's identity trajectory within a context of change. *South African Journal of Education* 2015; **35**(1):1-8.
9. WILSON L, BITZER EM, NEWMARK R. Community-engaged curricula in higher education: The case of a master's programme in play therapy. *South African Journal of Higher Education* 2015; **29**(4):296-314.

Proceedings international

1. DREYER LM, SINGH SAM. Post-apartheid schooling experiences: voices of those included. In: Joubert R, Björk LG, Browne-Ferrigno T (eds.) *International Symposium on Educational Reform (ISER)*, Pretoria, South Africa, Interuniversity Centre for Education Law and Policy (CELP) 2015: 73-78.

Chapters in books

1. DANIELS D. Allowing Girls into Our Schools Does Not Mean That We Have to Include Them. In: Majhanovich S, Malet R (eds.) *Building Democracy through Education on Diversity*, Sense Publishers, Rotterdam, Netherlands, 2015: 159-171.

2. DREYER LM. Responding to the Diverse Needs of Learners with Disabilities. In: Maguvhe O, Magano MD (eds.) *Disability in Context: A socio-educational perspective in South Africa*, Andrew Ashwin, Hampshire, United Kingdom, 2015: 14-32.
3. WILSON L, NEWMARK R. The University of the Future: Quality-of-Life Platforms Integrated with Effective Practice in Community Engagement. In: Lin PL, Wiegand M, Smith-Tolken AR (eds.) *Service-learning in higher education: building community across the globe*, University of Indianapolis Press, USA, 2015: 255-271.

SPORT SCIENCE

Journal articles

1. AFRICA EK, VAN DEVENTER KJ. Balance and bilateral skills of selected previously disadvantaged children aged 9 to 12 years. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(3):1-13.
2. CLEOPHAS FJ. The contribution of the African People's Organisation to sport in South Africa: July - December 1920. *African Journal for Physical, Health Education, Recreation and Dance (AJPHERD)* 2015; **21**(1:2):444-456.
3. CLEOPHAS FJ. A historical account of Physical Education in the Cape Colony and Province prior to the Second World War. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(2):1-13.
4. CLEOPHAS FJ. From Football to Rugby and Soccer in 19th Century Cape Colony ... *Quarterly Bulletin of the National Library of South Africa* 2015; **69**(1):110-119.
5. COETSEE C, TERBLANCHE E. The time course of changes induced by resistance training and detraining on muscular and physical function in older adults. *European Review of Aging and Physical Activity* 2015; **12**(7):1-8.
6. DE VILLIERS N, VENTER RE. Optimal training loads for the hang clean and squat jump in Under-21 rugby union players. *African Journal for Physical, Health Education, Recreation and Dance (AJPHERD)* 2015; **21**(2):665-674.
7. GROBLER L, FERREIRA S, TERBLANCHE E. Paralympic Sprint Performance between 1992 and 2012. *International Journal of Sports Physiology and Performance* 2015; **10**(8):1052 – 1054.
8. LAWLESS FJ, GROBBELAAR HW. Sport psychological skills profile of track and field athletes and comparisons between successful and less successful track athletes. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(3):123-142.
9. MATHEWSON E, GROBBELAAR R. Tackle-injury epidemiology in koshuis rugby players at Stellenbosch University. *South African Journal of Sport Medicine* 2015; **27**(3):72-75.
10. OLIVIER PE, DU TOIT DE. Isokinetic neck muscle strength-ratios in sagittal and frontal planes: Men and women are different, but age differences are a myth. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(3):143-152.
11. OWEN SM, VENTER RE, DU TOIT S, KRAAK WJ. Acceleratory match-play demands of a Super Rugby team over a competitive season. *Journal of Sports Sciences* 2015; **33**(19):2061-2069.
12. RUNCIMAN P, DERMAN W, FERREIRA S, ALBERTUS-KAJEE Y, TUCKER R. A Descriptive Comparison of Sprint Cycling Performance and Neuromuscular

- Characteristics in Able-Bodied Athletes and Paralympic Athletes with Cerebral Palsy. *American Journal of Physical Medicine & Rehabilitation* 2015; **94**(1):28-37.
14. SCHUTTE KH, MAAS EA, EXADAKTYLOS V, BERCKMANS D, VENTER RE, VANWANSEELE B. Wireless Tri-Axial Trunk Accelerometry Detects Deviations in Dynamic Center of Mass Motion Due to Running-Induced Fatigue. *PLoS ONE* 2015; **10**(10): e0141957, 12 pages.
 15. VAN DER MERWE FJG. Suid-Afrikaanse soldate en hul sport tydens die Eerste Wêreldoorlog. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(1):131-149.
 16. VAN DEVENTER KJ. The voice of Margaret Talbot on Physical Education and School Sport: A tribute. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(2):143-157.
 17. VAZ L, VASILICA I, KRAAK WJ, ARRONES LS. Comparison of scoring profile and game related statistics of the two finalist during the different stages of the 2011 Rugby World Cup. *International Journal of Performance Analysis in Sport* 2015; **15**:967-982.
 18. VILLAREJO D, PALAO JM, ORTEGA E, GOMEZ-RUANO MA, KRAAK WJ. Match-related statistics discriminating between playing positions during the men's 2011 Rugby World Cup. *International Journal of Performance Analysis in Sport* 2015; **15**:97-111.

Books

1. VAN DER MERWE FJG. James R. Couper, Vader van Suid-Afrikaanse Boks. FJG Publikasies, Melkbosstrand, South Africa 2015:119 pp.

Chapters in Books

1. BARNARD R, KRAAK WJ. Rugbyanalise. In: Engelbrecht R (ed.) *Coach Loffie - Wenke vir wenners*, Naledi, Cape Town, South Africa, 2015: 180-211.

SUNCEP (STELLENBOSCH UNIVERSITY CENTRE FOR PEDAGOGY)

Journal Articles

1. GACHAGO D, STRYDOM SC, HANEKOM PW, SIMONS S, WALTERS S. Crossing boundaries: lecturers' perspectives on the use of WhatsApp to support teaching and learning in higher education. *Progressio* 2015; **37**(1):172-187.
2. NDLOVU MC. Learner Perceptions of Inquiry in Science Fair Projects: A case study of a Regional Science Fair in South Africa. *International Journal of Educational Sciences* 2015; **10**(2):347-358.

FACULTY OF ENGINEERING

CIVIL ENGINEERING

Journal articles

1. BABAFEMI AJ, BOSHOFF WP. Tensile creep of macro-synthetic fibre reinforced concrete (MSFRC) under uni-axial tensile loading. *Cement & Concrete Composites* 2015; **55**:62-69.
2. BESTER AJ, JACOBS HE, TULLEKEN J. Conceptual framework for sewer pump problems allowing for fuzzy logic application. *Water SA* 2015; **41**(3):335-342.
3. BURGER GJ, DU PLESSIS JA. Investigation into increasing short-duration rainfall intensities in South Africa. *Water SA* 2015; **41**(3):416-424.
4. DE CLERCQ H. Modelling and analysis of steel structures. *Civil Engineering* 2015; **23**(6):35-41.
5. KEUSER M, GOJ K, LENNER R. Verstärkung historischer Brücken über den Main unter besonderer Berücksichtigung des Schiffanpralls. *Bautechnik* 2015; **92**(7):469-478.
6. LANGMAAK KR, BASSON GR. Incipient Motion of Riprap on Steep Slopes. *Journal of Hydraulic Engineering* 2015; **141**(9):1-7.
7. LENNER R, KEUSER M, BRAML T. Challenges in the assessment of existing concrete bridges. *Beton TKS* 2015; **5**:25-29.
8. PAUL SC, PIRSKAWETZ S, VAN ZIJL GPAG, SCHMIDT W. Acoustic Emission in Determining the Crack Propagation in Strain Hardening Cement-Based Composites (SHCC). *Cement and Concrete Research* 2015; **69**:19-24.
9. PERDUH M, STRASHEIM JAVB. Finite element analysis of the structural behaviour of pylons supporting an inclined coal conveyor. *Journal of the South African Institution of Civil Engineering* 2015; **57**(3):44-56.
10. PHOON KK, RETIEF JV. ISO2394:2015 Annex D (Reliability of Geotechnical Structures). *Georisk: Assessment and Management of Risk for Engineered Systems and Geohazards* 2015; **9**(3):125-127.
11. TURNER DZ. Peridynamics-Based Digital Image Correlation Algorithm Suitable for Cracks and other Discontinuities. *Journal of Engineering Mechanics* 2015; **141**(2):1 - 10.
12. TURNER DZ, NAKSHATRALA KB, MARTINEZ MJ. Framework for Coupling Flow and Deformation of a Porous Solid. *International Journal of Geomechanics* 2015; **15**(5):1 - 13.
13. VAN ZYL WS, VAN ZIJL GPAG. Dynamic behaviour of normally reinforced concrete wind turbine support structures. *Journal of the South African Institution of Civil Engineering* 2015; **57**(4):38-44.
14. VENTER LF, BESTER CJ. Delay and queue lengths at stop/go control during half-width construction. *Journal of the South African Institution of Civil Engineering* 2015; **57**(4):2-11.
15. VOREL J, BOSHOFF WP. Computational modelling of real structures made of strain-hardening cement-based composites. *Applied Mathematics and Computation* 2015; **267**(C):562-570.

16. WAY AC, VAN ZIJL GPAG. A study on the design and material costs of tall wind turbine towers in South Africa. *Journal of the South African Institution of Civil Engineering* 2015; **57**(4):45-54.
17. WU J, YE F, HUGO F, WU Y. Strain response of a semi-rigid base asphalt pavement based on heavy-load full-scale accelerated pavement testing with fibre Bragg grating sensors. *Road Materials and Pavement Design* 2015; **16**(2):316-333.
18. ZANG J, VAN ZIJL GPAG. Developing non-heat treated UHPC with local materials. *Concrete Beton* 2015; **1**(142):12-22.

Proceedings international

1. AKOKU EBOT ENO AKPA N, BOOYSEN MJ, SINCLAIR MD. Efficacy of interventions and incentives to achieve speed compliance in the informal public transport sector. 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 30-37.
2. BABAFEMI AJ, BOSHOFF WP. Crack Widening Response of Cracked Macro Synthetic FRC under Sustained Tensile Loading. In: Banthia N, Miyagawa T, Miao C, Kobayashi K (eds.) *Advances in Construction Materials: Proceedings of the ConMat'15 Conference*, Whistler, Canada, The University of British Columbia 2015: 231-242.
3. BASSON GR, BOSMAN DE, CALITZ JA. Improvement of negative pressure conditions of a stepped spillway of a roller compacted concrete (RCC) dam. *SANCOLD Conference 2015*, Cape Town, South Africa, SANCOLD 2015: 374-381.
4. BASSON GR, DENYS FJM. Design of an economic spillway alternative: Piano Keys Weirs. *SANCOLD Conference 2015*, Cape Town, South Africa, SANCOLD 2015: 231-241.
5. BASSON GR, KIRINGU JK. Impacts of Dams on the hydrology and flooding of the Tana River delta, Kenya. *SANCOLD Conference 2015*, Cape Town, South Africa, SANCOLD 2015: 390-400.
6. BASSON GR, SAWADOGO O. Coupled Fully 3d Numerical Modelling of Local Sediment Flushing Scour at Dam Bottom Outlet. *SANCOLD Conference 2015*, Cape Town, South Africa, SANCOLD 2015: 242-252.
7. BOOYSEN MJ, JACOBS HE, MAKWIZA CN, SKIBBE Y. Correlating sound and flow rate at a tap. 13th Computing and Control for the Water Industry Conference, Leicester, United Kingdom, Elsevier 2015: 864-873.
8. BOTHA J, RETIEF JV, VILJOEN C. Variability of Time Independent Wind Load Components. In: Haukaas T (ed.) *12th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP12)*, Vancouver, Canada, University of British Columbia 2015: 1 - 8.
9. BOWKER IM, JENKINS KJ, DAL BEN M, BEARDMORE R. Brush Testing of Bitumen Stabilised Materials. *CAPSA*, Sun City, South Africa, CAPSA 2015: 1-9.
10. BREDENHANN SJ, JENKINS KJ. Bitumen Stabilised Materials: Comparative Performance of G2 and BSM-foam bases. *CAPSA 2015*, Sun City, South Africa, CAPSA 2015: 1-11.
11. BRIEDENHANN R, JENKINS KJ. Testing the Grey Water Resistance of Popular Bitumen Modifiers. *CAPSA 2015*, Sun City, South Africa, CAPSA 2015: 1-7.
12. COLLINGS D, JENKINS KJ, SOUZA E. Utilising Recycled Material Stabilised with Bitumen to Rehabilitate a Major Highway within Stringent Time Constraints. *CAPSA 2015*, Sun City, South Africa, CAPSA 2015: 1-12.

13. DAL BEN M, JENKINS KJ. Durability properties of cold recycling material using bitumen stabilisation incorporating reclaimed asphalt pavement. CAPSA 2015, Sun City, South Africa, CAPSA 2015: 1-21.
14. DE LA HARPE CWH, WIUM JA. A Procedure for prioritizing seismic risk reduction of load bearing masonry structures. IABSE Conference - Structural Engineering: Providing Solutions to Global Challenges, Geneva, Switzerland, IABSE 2015: 1-8.
15. DITHINDE M, RETIEF JV. Comparison of Methods for Reliability Calibration of Partial Resistance Factors for Pile Foundations. In: Schweckendiek T, van Tol AF, Pereboom D, van Staveren MTh, Cools PMCBM (eds.) The Fifth International Symposium on Geotechnical Safety and Risk (ISGSR2015), Rotterdam, Netherlands, IOS Press BV 2015: 467-472.
16. DU PLESSIS JA, HOFFMAN JJ. Domestic water meter accuracy. 3rd International Conference on Water and Society (Water and Society III), CORUNA, Spain, WIT PRESS 2015: 197-208.
17. DU PLESSIS JA, MATJI MP. Methodology for linking extreme flood events and the cost of damage to water security infrastructure assets. Asset Management Conference 2015 (AMPEAK 2015), Sydney, Australia, TBA 2015: 1-7.
18. DU PLESSIS JLJ, JACOBS HE. Procedure to derive parameters for stochastic modelling of outdoor water use in residential estates. 13th Computing and Control for the Water Industry Conference, Leicester, United Kingdom, Elsevier 2015: 803-812.
19. GERBER JAK, JENKINS KJ. Damage quantifications of Bituminous Surfacing Seals with a Finite Element Modelling Approach. 3rd International Symposium Asphalt Pavements & Environment (ISAP15), Sun City, South Africa, ISAP 2015: 1-5.
20. GREYLING AH, VAN ZYL GD, JENKINS KJ, BOWKER IM. The Development of Grey Water Resistant Asphalt. CAPSA 2015, Sun City, South Africa, CAPSA 2015: 1-13.
21. HOLICKY M, RETIEF JV, DIAMANTIDIS D, VILJOEN C. On Standardization of the Reliability Basis of Structural Design. In: Haukaas T (ed.) 12th International Conference on Applications of Statistics and Probability in Civil Engineering, Vancouver, Canada, University of British Columbia 2015: 1 - 8.
22. HUGO F, HUANG Z, XIONG H, WANG L, STEYN WJVDM. Lessoned Learned During the First Application of MSP for Extracting Asphalt Slabs in Comparative Testing of Fatigue Performance of Warm Mix RAP Asphalt MMLS3 Trafficking. 3rd International Symposium Asphalt Pavements & Environment (ISAP15), Sun City, South Africa, ISAP 2015: 1-15.
23. HUGO F, STEYN WJVDM. A Synthesis of Applications of the MLS as an Innovative System for Evaluating Performance of Asphalt Materials in Pavement Engineering. CAPSA 2015, Sun City, South Africa, CAPSA 2015: 1-8.
24. JENKINS KJ, COLLINGS D. Mix Design of Bitumen Stabilised Materials BSMs – A South African Perspective. 3rd International Symposium Asphalt Pavements & Environment (ISAP15), Sun City, South Africa, ISAP 2015: 1-10.
25. JURGENS CJ. Renewable Energy Storage: Mega Structures. IABSE Conference - Structural Engineering: Providing Solutions to Global Challenges, Geneva, Switzerland, IABSE 2015: 1 - 8.
26. JURGENS CJ, WIUM JA. The Future Engineer: A Structural Architect? IABSE Conference - Structural Engineering: Providing Solutions to Global Challenges, Geneva, Switzerland, IABSE 2015: 1-8.

27. LE ROUX BD, COMBRINCK R, BOSHOF WP. Influence of Admixtures on Plastic Shrinkage Cracking of Concrete. In: Banthia N, Miyagawa T, Miao C, Kobayashi K (eds.) Advances in Construction Materials: Proceedings of the ConMat'15 Conference, Whistler, Canada, The University of British Columbia 2015: 1111-1121.
28. NIEFTAGODIEN R, JENKINS KJ. The Feasibility of Microwave Heating in the Production of Bitumen Stabilised Half Warm Mixtures. CAPSA 2015, Sun City, South Africa, CAPSA 2015: 1-7.
29. PAUL SC, VAN ZIJL GPAG, LEHMAN JM. Influence of cracks in chloride penetration and corrosion of fibre reinforced strain hardening materials under sustained loading condition. In: Banthia N, Miyagawa T, Miao C, Kobayashi K (eds.) Advances in Construction Materials: Proceedings of the ConMat'15 Conference, Whistler, Canada, The University of British Columbia 2015: 978-989.
30. RUDMAN CE, JENKINS KJ. Self-cementing Mechanisms of Recycled Concrete and Masonry Aggregate. CAPSA 2015, SUN CITY, South Africa, CAPSA 2015: 1-7.
31. SINCLAIR MD, IMANIRANZI E. Aggressive driving behaviour: The Case of Minibus Taxi Drivers in Cape Town, South Africa. South African Transport Conference, Pretoria, South Africa, Jukwaa 2015: 1 - 5.
32. SMALLWOOD JJ, WIUM JA. Mass and Density of Materials: Civil Engineering Students Knowledge and Perceptions. 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, Las Vegas, USA, Elsevier 2015: 1 - 6.
33. STRASHEIM JAVB, WIUM JA. Analysis and Evaluation of Curriculum Development for the Construction Management Programme (CMP). In: Othman A, Agumba J, Harinarain N (eds.) The Ninth Built Environment Conference, Durban, South Africa, Association of Schools of Construction of Southern Africa 2015: 1 - 13.
34. SWART E, SINCLAIR MD. Fatigue Management - Lessons from International Legislation and Practice. South African Transport Conference, Pretoria, South Africa, Jukwaa 2015: 1 - 5.
35. TER HUURNE DA, ANDERSEN SJ. A Quantitative Measure of Congestion in Stellenbosch using Probe Data. 1st International Conference on the Use of Mobile ICT in Africa 2014, Stellenbosch, South Africa, Stellenbosch University 2014: 62-67.
36. VAN DEN BERG JA, RUDMAN CE, JENKINS KJ. The Influence of Filler Content on the Performance of Unbound Granular Materials in Pavement Layers. CAPSA 2015, SUN CITY, South Africa, CAPSA 2015: 1-7.
37. VAN NOORDWYK A, DE VILLIERS WI, BOSHOF WP. Environmental Impact of Residential Building Envelope: A Comparison between Thermal Performance and Occupant Energy Usage. In: Banthia N, Miyagawa T, Miao C, Kobayashi K (eds.) Advances in Construction Materials: Proceedings of the ConMat'15 Conference, Whistler, Canada, The University of British Columbia 2015: 1102-1110.
38. VAN ZYL EB, JENKINS KJ, RUDMAN CE. Investigation of the influence of specimen geometry and grading curve on the performance of an unbound granular material. CAPSA 2015, SUN CITY, South Africa, CAPSA 2015: 1-10.
39. VAN ZYL GD, JENKINS KJ. Overview of Long Term Seal Performance. CAPSA 2015, SUN CITY, South Africa, CAPSA 2015: 1-13.

40. VENTER KA, SINCLAIR MD. Review of Research to inform the development of a hazard perception test for novice drivers in SA. South African Transport Conference, Pretoria, South Africa, Jukwaa 2015: 1 - 5.
41. VILJOEN C, REYNOLDS S. Economic Optimization Considerations in South African Dam Rehabilitations. In: Haukaas T (ed.) 12th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP12), Vancouver, Canada, University of British Columbia 2015: 1-7.
42. VILJOEN C, REYNOLDS S. Evaluation of Decisions to Rehabilitate South African Dams in terms of the ANCOLD ALARP Criterion and SWTP for Human Safety. In: Haukaas T (ed.) 12th International Conference on Applications of Statistics and Probability in Civil Engineering, Vancouver, Canada, University of British Columbia 2015: 1 - 8.
43. ZERANKA S, VAN ZIJL GPAG. Multi-Scale Characterisation of the Shear-Dominant Fracture in a Steel Fibre-Reinforced Cement-Based Composite. In: Banthia N, Miyagawa T, Miao C, Kobayashi K (eds.) Advances in Construction Materials: Proceedings of the ConMat'15 Conference, Whistler, Canada, The University of British Columbia 2015: 1801-1813.

Proceedings national

1. DU PLESSIS JA, VON MOLTKE F, BASSON GR. Lessons Learned from the 2013 Floods on the Lourens River, Somerset West. 79th Annual Conference of the Institute of Municipal Engineering of South Africa (IMESA), Cape Town, South Africa, 3S MEDIA 2015: 75-80.
2. ROODT LDV. The Municipal Engineering as Caring Parent: Duty to Manage Risk of Damage and Injury. 79th Annual Conference of the Institute of Municipal Engineering of South Africa (IMESA), Cape Town, South Africa, 3S Media 2015: 133-135.

ELECTRIC AND ELECTRONIC ENGINEERING

Journal articles

1. AKURU UB, KAMPER MJ. Contemporary wind generators. Journal of Energy in Southern Africa 2015; **26**(3):116-124.
2. BARNARD FJW, VILLET WT, KAMPER MJ. Hybrid active-flux and arbitrary injection position sensorless control of reluctance synchronous machines. IEEE Transactions on Industry Applications 2015; **51**(5):3899-3906.
3. BEYERS RD, DE VILLIERS DIL. Corrections to compact conical line combiner design using circuit models. IEEE Transactions on Microwave Theory and Techniques 2015; **63**(7):2391.
4. BOTHA MM. Numerical integration scheme for the near-singular green function gradient on general triangles. IEEE Transactions on Antennas and Propagation 2015; **63**(10):4435-4445.
5. BRAND TG, MEYER P, GESCHKE RH. Designing multiband coupled-resonator filters using reactance transformations. International Journal of Rf and Microwave Computer-Aided Engineering 2015; **25**(1):81-92.
6. COX SM, MOUTON HDT. Ripple compensation for a class-d amplifier. SIAM Journal on Applied Mathematics 2015; **75**(4):1536-1552.

7. DE VILLIERS DIL, LEHMENSIEK R. Rapid calculation of antenna noise temperature in offset Gregorian reflector systems. *IEEE Transactions on Antennas and Propagation* 2015; **63**(4):1564-1571.
8. ENGELBRECHT J, BOOYSEN MJ, VAN ROOYEN G, BRUWER FJ. Survey of smartphone-based sensing in vehicles for ITS applications. *IET Intelligent Transport Systems* 2015; **9**(10):924-935.
9. FOURIE CJ. Full-gate verification of superconductive integrated circuit layouts with InductEx. *IEEE Transactions on Applied Superconductivity* 2015; **25**(1):1-9.
10. FOURIE CJ, PENG X, NUMAGUCHI R, YOSHIKAWA N. Inductance and coupling of stacked vias in a multilayer superconductive IC process. *IEEE Transactions on Applied Superconductivity* 2015; **25**(3):1-4.
11. FOURIE CJ, TAKAHASHI A, YOSHIKAWA N. Fast and accurate inductance and coupling calculation for a multi-layer Nb process. *Superconductor Science & Technology* 2015; **28**:1-10.
12. GERBER S, WANG R. Design and evaluation of a magnetically geared PM machine. *IEEE Transactions on Magnetics* 2015; **51**(8):1-10.
13. GERBER S, WANG R. Evaluation of movement facilitating techniques for finite element analysis of magnetically geared electrical machines. *IEEE Transactions on Magnetics* 2015; **51**(2):1-6.
14. GILMORE J, DAVIDSON DB. Suppressing Undesired Common-Mode Resonances in Connected Antenna Arrays. *IEEE Transactions on Antennas and Propagation* 2015; **63**(11):5245-5250.
15. HOWARD E, KAMPER MJ, GERBER S. Asymmetric flux barrier and skew design optimization of reluctance synchronous machines. *IEEE Transactions on Industry Applications* 2015; **51**(5):3751-3760.
16. ILGNER RG, DAVIDSON DB. The computational performance and power consumption of the parallel FDTD on a smartphone platform. *Applied Computational Electromagnetics Society Journal* 2015; **30**(12):1262-1268.
17. LEHMENSIEK R, DE VILLIERS DIL. Optimization of log-periodic dipole array antennas for wideband omni-directional radiation. *IEEE Transactions on Antennas and Propagation* 2015; **63**(8):3714-3718.
18. LEHMENSIEK R, THERON IP, DE VILLIERS DIL. Deriving an optimum mapping function for the SKA shaped offset Gregorian reflectors. *IEEE Transactions on Antennas and Propagation* 2015; **63**(11):4658-4666.
19. LERATO L, NIESLER TR. Clustering acoustic segments using multi-stage agglomerative hierarchical clustering. *PLoS ONE* 2015; **10**(1371):1-24.
20. MEYER P, PRINSLOO DSVDM. Generalized multi-mode scattering parameter and antenna far-field conversions. *IEEE Transactions on Antennas and Propagation* 2015; **63**(11):4818-4826.
21. PIETERSE CL, PAPKA P, PEROLD WJ. Polarization and corona discharge threshold field calculation of electro spraying point-to-plane geometries. *Journal of Electrostatics* 2015; **75**:104-115.
22. POTGIETER JHJ, KAMPER MJ. Design optimization of directly grid-connected PM machines for wind energy applications. *IEEE Transactions on Industry Applications* 2015; **51**(4):2949-2958.
23. QUINN HM, ROBINSON WH, RECH P, AGUIRRE MA, BARNARD A, DESOGUS M, ENTRENA LA, GARCIA-VALDERAS M, GUERTIN SM, KAELI D, KASTENSMIDT BT, KIDDIE BT, SANCHEZ-CLEMENTE A, SONZA REORDA M, STERPONE L, WIRTHLIN MJ. Using benchmarks for radiation testing of

- microprocessors and FPGAs. *IEEE Transactions on Nuclear Science* 2015; **62**(6):2547-2554.
24. ROBERTS RMC, FOURIE CJ. Layout-versus-schematic verification for superconductive integrated circuits. *IEEE Transactions on Applied Superconductivity* 2015; **25**(3):1-5.
 25. STANDER JN, VENTER G, KAMPER MJ. Structural mass reduction by integrating active material in direct drive generator design. *Structural and Multidisciplinary Optimization* 2015; **52**(2):405-416.
 26. STRYDOM WJ, BOTHA MM. Charge recovery for the RWG-based method of moments. *IEEE Antennas and Wireless Propagation Letters* 2015; **14**:305-308.
 27. VAN ZYL RR, FRANCIS S, PEROLD WJ. An empirical determination of the upper operational frequency limits of the transferred electron mechanism in bulk GaAs and GaN through ensemble Monte Carlo particle simulations. *Indian Journal of Physics* 2015; **89**(8):825-828.
 28. VILLET WT, KAMPER MJ. Position sensorless control of a reluctance synchronous wind generator drive with an LC inverter filter. *Electric Power Components and Systems* 2015; **43**(8-10):1051-1061.
 29. WANG R, BRONN L, GERBER S, TLALI PM. An axial flux magnetically geared PM wind generator. *IEEE Transactions on Electrical and Electronic Engineering* 2015; **10**(S1):123-132.
 30. YOUNG A, WIJNHOLDS SJ, CAROZZI T, MAASKANT R, IVASHINA MV, DAVIDSON DB. Efficient correction for both direction-dependent and baseline-dependent effects in interferometric imaging: An A-Stacking framework. *Astronomy & Astrophysics* 2015; **577**:1-11.

Proceedings international

1. AGENBAG W, NIESLER TR. Automatic segmentation and clustering of speech using sparse coding and metaheuristic search. *Interspeech 2015 - 16th International conference of the International Speech Communication Association, Dresden, Germany, International Speech Communication Association* 2015: 3184-3188.
2. AKOKU EBOT ENO AKPA N, BOOYSEN MJ, SINCLAIR MD. Efficacy of interventions and incentives to achieve speed compliance in the informal public transport sector. *2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE* 2015: 30-37.
3. AKURU UB, KAMPER MJ. Comparative advantage of flux switching PM machines for medium-speed wind drives. *2015 Proceedings of the 23rd Domestic Use of Energy Conference, Cape Town, South Africa, Cape Peninsula University of Technology* 2015: 149-154.
4. AKURU UB, KAMPER MJ. Evaluation of flux switching PM machines for medium-speed wind generator drives. *IEEE Energy Conversion Congress and Expo (ECCE 2015), Montreal, Canada, IEEE* 2015: 1925-1931.
5. AMUHAYA LL, KAMPER MJ. Design analysis of a hybrid-PM synchronous generator for wind energy applications. *2015 Proceedings of the 23rd Domestic Use of Energy Conference, Cape Town, South Africa, Cape Peninsula University of Technology* 2015: 163-167.
6. AMUHAYA LL, KAMPER MJ. Design and optimisation of grid compliant variable-flux PM synchronous generator for wind turbine applications. *IEEE Energy Conversion Congress and Expo (ECCE 2015), Montreal, Canada, IEEE* 2015: 829-836.

7. ANDRIAMBELOSON JA, WIID PG. A 3D-Printed PLA Plastic Conical Antenna with Conductive-Paint Coating for RFI Measurements on MeerKAT Site. Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 945-948.
8. ANDRIAMBELOSON JA, WIID PG. Hyperband conical antenna design using 3D printing technique. 2015 Radio and Antenna Days of the Indian Ocean, Long Beach Resort, Mauritius, IEEE 2015: 1-2.
9. BEUKMAN TS, MEYER P, MAASKANT R, IVASHINA MV. Equivalent circuit of a quadaxial feed for ultra-wide bandwidth quadruple-ridged flared horn antennas. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-5.
10. BEYERS RD, DE VILLIERS DIL. A general isolation network for N-way power combiners/dividers. 2015 MTT-5 International Microwave Symposium, Phoenix, USA, IEEE 2015: 1-4.
11. BOOYSEN MJ, JACOBS HE, MAKWIZA CN, SKIBBE Y. Correlating sound and flow rate at a tap. 13th Computing and Control for the Water Industry Conference, Leicester, United Kingdom, elsevier 2015: 864-873.
12. BOTES E, MEYER P. Tunability of commonly used coupled-line bandpass filter topologies. 14th Conference on Microwave Techniques (COMITE 2015), Pardubice, Czech Republic, IEEE 2015: 1-4.
13. BOTHA MM. Evaluation of near-singularity cancellation quadrature schemes for the green function gradient on higher-order triangles. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-4.
14. BRUWER FJ, BOOYSEN MJ. Vehicle acceleration estimation using smart-phone based sensors. The 34th Annual Southern African Transport Conference, Pretoria, South Africa, IEEE 2015: 118-129.
15. BRUWER FJ, BOOYSEN MJ. Comparison of GPS and MEMS support for smartphone-based driver behavior monitoring. 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 434-441.
16. COMBRINK SL, WIID PG. Frequency and time domain calibration for large rogowski coils. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 989-992.
17. COVERY T, MCNEIL M, VERMEULEN HJ. Water heater technical study to Improve MEPS - South Africa. 8th International Conference on Energy Efficiency in Domestic Appliances and Lighting – EEDAL'15, Lucerne, Switzerland, EEDAL 2015: 1-9.
18. DE BRUIN A, BOOYSEN MJ. Drone-based traffic flow estimation and tracking using computer vision. The 34th Annual Southern African Transport Conference, Pretoria, South Africa, IEEE 2015: 869-878.
19. DE VILLIERS DIL, BEYERS RD. Design of conical transmission line power combiners using space mapping. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 1437-1440.
20. DE VILLIERS DIL, IVASHINA MV. Diffraction and pattern perturbation effects in offset gregorian reflectors antennas with wideband feeds. 2015 IEEE Antennas

- and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1520-1521.
21. DE VILLIERS DIL, IVASHINA MV, MAASKANT R. Fast prediction of aperture efficiency and sidelobe levels in shaped reflector systems through model based output space mapping. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-4.
 22. DE VILLIERS DIL, KOZIEL SM. Multi-Objective optimization of cassegrain reflector feeds using space mapping surrogate models. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 813-816.
 23. DE VILLIERS DIL, KOZIEL SM. Fast multi-objective optimization of shaped offset Gregorian reflector systems. 2015 IEEE Antennas and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1342-1343.
 24. DU PREEZ C, VERMEULEN HJ. Online web application with local database storage for residential energy auditing and education. 8th International Conference on Energy Efficiency in Domestic Appliances and Lighting – EEDAL'15, Lucerne, Switzerland, EEDAL 2015: 1-16.
 25. ENGELBRECHT J, BOOYSEN MJ, VAN ROOYEN G, BRUWER FJ. Performance comparison of dynamic time warping (DTW) and a maximum likelihood (ML) classifier in measuring driver behavior with smartphones. 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Kaapstad, South Africa, IEEE 2015: 427-433.
 26. ERASMUS AS, KAMPER MJ. Analysis for design optimisation of double PM-rotor radial flux eddy current couplers. IEEE Energy Conversion Congress and Expo (ECCE 2015), Montreal, Canada, IEEE 2015: 6503-6510.
 27. FORSHAW JL, AGLIETTI G, NAVARATHINAM N, KADHEM H, SALMON T, JOFFRE E, CHABOT T, RETAT I, AXTHELM R, BARRACLOUGH S, RATCLIFFE R, BERNAL C, CHAUMETTE F, POLLINI A, STEYN WH. An in-orbit active debris removal mission – Remove Debris: pre-launch update. 66th International Astronautical Congress, Jerusalem, Israel, Israel Space Agency 2015: 1-14.
 28. FOTOUHI R, SOROKIN A, KENNEL RM, MOUTON HDT. Online optimization of current distortion for MV drives based on stator flux trajectory predictions. 3rd Symposium on Predictive Control of Electrical Drives and Power Electronics, Valparaiso, Chile, IEEE 2015: 1-6.
 29. FOTOUHI R, SOROKIN A, KENNEL RM, MOUTON HDT. An efficient method to calculate optimal pulse patterns for multi-level converters. 9th International Conference on Power Electronics - ECCE Asia, Seoul, Korea, KIPE 2015: 533-539.
 30. FOURIE CJ, MIYANISHI S, YOSHIKAWA N. Grounding methods to reduce stray coupling in multi-layer layouts. 2015 IEEE 15th International Superconductive Electronics Conference, Nagoya, Japan, IEEE 2015: 1-3.
 31. FOURIE CK, JONES T. An intuitive, aggressive control architecture for an unmanned helicopter in near-hover flight. 2015 IEEE Aerospace Conference, Big Sky, USA, IEEE 2015: 1-8.
 32. FOURIE CK, JONES T. Augmenting the helicopter-ship dynamic interface using an autonomous safe-landing prediction scheme. 2015 International Conference on Unmanned Aircraft Systems (ICUAS'15), Denver, USA, IEEE 2015: 26-33.
 33. FOURIE DR, BOOYSEN MJ. Real time identification of heart sounds using selectional regional correlation of the time frequency domain. 2015 IEEE

- Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 1326-1330.
34. GERBER S, WANG R. Design and evaluation of a PM Vernier machine. IEEE Energy Conversion Congress and Expo (ECCE 2015), Montreal, Canada, IEEE 2015: 5188-5194.
 35. GILMORE J, DAVIDSON DB, NOORDAM JE. A dense dipole array for mid-frequency aperture arrays. 2015 IEEE Antennas and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1524-1525.
 36. GILMORE JS, ENGELBRECHT HA. Predicting object lifetime in finite distributed storage systems under churn. The 7th International Workshop on Massively Multiuser Virtual Environments (MMVE 2015), Portland, USA, Association for Computing Machinery 2015: 1-6.
 37. GUNDA L, GULE N. Brush-DC equivalent control based delta modulation for a PWM inverter-fed nine phase induction machine drive. 2015 IEEE International Conference on Industrial Technology (ICIT), Seville, Spain, IEEE 2015: 646-651.
 38. HOWARD E, KAMPER MJ. Weighted factor multi-objective design optimisation of a reluctance synchronous machine. 2015 IEEE International Electric Machines and Drives Conference (IEMDC), Coeur d'Alene, USA, IEEE 2015: 1781-1789.
 39. JACKMAN K, FOURIE CJ. Fast multicore FastHenry and a Tetrahedral modeling method for inductance extraction of complex 3D geometries. 2015 IEEE 15th International Superconductive Electronics Conference, Nagoya, Japan, IEEE 2015: 1-3.
 40. JACOBS JP, DE VILLIERS DIL. Gaussian process modeling of aperture efficiency ripple in reflector antennas. Loughborough Antennas and Propagation Conference (LAPC), Loughborough, United Kingdom, IEEE 2015: 1-4.
 41. KUJA SO, WIID PG. Characterization of RF signal coupling between MeerKAT telescope structures. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 1004-1007.
 42. LE ROUX J, BARNARD A, WOLHUTER R. Making nano-satellites more sustainable: investigation into an optimal communications protocol using a novel simulation tool. In: de la Harpe R (ed.) 4th International Conference on Design, Development & Research, Cape Town, South Africa, Cape Peninsula University of Technology 2014: 183-201.
 43. LEHMENSIEK R, DE VILLIERS DIL. Accuracy improvement of approximate noise temperature calculations of offset Gregorian reflector systems. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 847-850.
 44. LEHMENSIEK R, THERON IP, DE VILLIERS DIL. An investigation of offset-fed beams on the proposed SKA dishes with various degrees of shaping. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-4.
 45. LEHMENSIEK R, THERON IP, DE VILLIERS DIL. Deriving an optimum shaped reflector system for the SKA single pixel feeds. 2015 IEEE Antennas and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1370-1371.

46. LOUBSER AT, KAMPER MJ. Design optimisation of reluctance synchronous machine for drive system efficiency. IEEE Workshop on Electrical Machines Design, Control and Diagnosis (WEMDCD), Torino, Italy, IEEE 2015: 60-65.
47. LUDICK DJ, DAVIDSON DB, JAKOBUS U. Analysis of finite antenna arrays in the presence of arbitrary electromagnetic structures. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 47-50.
48. MCGRATH B, MOUTON HDT. Spectral analysis of multilevel PWM strategies using a one-dimensional fourier series. 9th International Conference on Power Electronics - ECCE Asia, Seoul, Korea, KIPE 2015: 546-553.
49. MEYER P. Multi-Conductor transmission line analysis using the generalized multi-mode S-parameter transformation. 2015 IEEE 19th Workshop on Signal and Power Integrity (SPI 2015), Berlin, Germany, IEEE 2015: 50-53.
50. MOUTON HDT. Model predictive control of cascaded H-Bridge inverters based on a fast-optimization algorithm. 41st Annual Conference of the IEEE Industrial Electronics Society, Yokohama, Japan, IEEE 2015: 1-6.
51. MUTONKOLE N, DE VILLIERS DIL. Characteristic basis function patterns method for reflector antenna calibration: an extension to multiple frequencies. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-5.
52. NASSAR SO, MEYER P, VAN DER WALT PW. An s-Band combline filter with reduced size and increased pass-band separation. 14th Conference on Microwave Techniques (COMITE 2015), Pardubice, Czech Republic, IEEE 2015: 1-4.
53. NEL PJC, BOOYSEN MJ, VAN DER MERWE AB. Electric water heater energy consumption determination using Outlet temperature and volumetric estimation. In: Kellenberger P (ed.) 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 665-672.
54. NEL PJC, BOOYSEN MJ, VAN DER MERWE AB. Using thermal transients at the outlet of electrical water heaters to recognise consumption patterns for heating schedule optimisation. 7th International Conference on New Technologies, Mobility and Security, Paris, France, IEEE eXpress Conference Publishing 2015: 1-5.
55. NIENABER S, BOOYSEN MJ, KROON RS. Detecting potholes using simple image processing techniques and real-world footage. South African Transport Conference (SATC 2015), Pretoria, South Africa, SATC 2015: 153-164.
56. NIENABER S, KROON RS, BOOYSEN MJ. A Comparison of Low-Cost Monocular Vision Techniques for Pothole Distance Estimation. In: Kellenberger P (ed.) 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 419-426.
57. OOSTHUIZEN GI, RANDEWIJK PJ. Design of an Ironless Double-rotor Radial Flux Permanent Magnet Machine. 2015 IEEE International Electrical Machines & Drives (IEMDC) Conference, Coeur d'Alene, USA, IEEE 2015: 683-688.
58. PHIRI TJ, DAVIDSON DB, WIID PG. Propagation modelling for the South African SKA site. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 1329-1332.
59. PIENAAR H, READER HC. Multicopter metrology platform for propagation measurements. In: Lombardi G (ed.) Proceedings of the 2015 International

- Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 370-374.
60. PIENAAR LJ, JONES T. The application of probability flow for conflict detection near airports. AIAA Guidance, Navigation, and Control Conference, AIAA SciTech, Kissimmee, USA, AIAA 2015: 1-21.
 61. PRINSLOO DSVDM, MEYER P, MAASKANT R, IVASHINA MV. Irregular quad-mode antenna array: field-of-view comparison with the Swedish LOFAR station'. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-5.
 62. PRINSLOO DSVDM, MEYER P, MAASKANT R, IVASHINA MV. Conical quad-mode antenna with integrated tapered slot antennas for wide-field polarimetry. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 1235-1238.
 63. PRINSLOO DSVDM, MEYER P, MAASKANT R, IVASHINA MV. Quad-mode antenna for wide-scan sparse arrays'. 2015 IEEE Antennas and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1516-1518.
 64. SHEIKH SM, WOLHUTER R, ENGELBRECHT HA. An adaptive congestion control and fairness scheduling strategy for wireless mesh networks. 2015 IEEE Symposium Series on Computational Intelligence SSCI 2015, Cape Town, South Africa, IEEE 2015: 1174-1181.
 65. SHEIKH SM, WOLHUTER R, VAN ROOYEN G. Performance and comparative analysis of design schemes for prioritised data in multi-hop wireless mesh backbone networks. WINSYS 2015 Proceedings of the 12th International Conference on Wireless Information Networks and Systems, Alsace, France, SCITEPRESS 2015: 13-23.
 66. SHEIKH SM, WOLHUTER R, VAN ROOYEN G. A comparative analysis of MANET routing protocols for low cost rural telemetry wireless mesh networks. In: Jat DS (ed.) The Proceedings of 2015 International Conference on Emerging Trends in Networks and Computer Communications (ETNCC), Windhoek, Namibia, IEEE 2015: 32-37.
 67. SMITH DMP, DAVIDSON DB, BESTER A. Improved antenna range characterisation using redundant measurements. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 1448-1451.
 68. SMITH DMP, YOUNG A, DAVIDSON DB. Three dimensional formalism of the measurement equation for wide field polarimetric imaging. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 722-725.
 69. SORGDRAGER AJ, WANG R, GROBLER AJ. Retrofit design of a line-start PMSM using the Taguchi method. IEEE International Electric Machines and Drives Conference (IEMDC 2015), Coeur d'Alene, USA, IEEE 2015: 489-495.
 70. SORGDRAGER AJ, WANG R, GROBLER AJ. Transient performance investigation and Taguchi optimization of a line-start PMSM. IEEE International Electric Machines and Drives Conference (IEMDC 2015), Coeur d'Alene, USA, IEEE 2015: 590-595.
 71. STANDER JN, VENTER G, KAMPER MJ. Multidisciplinary optimisation of a slip synchronous PM generator (SS-PMG). DEWEK 2015, 12th German Wind Energy Conference, Bremen, Germany, DEWI 2015: 1-4.

72. STEYN DG, STEYN WH. Development of a dual gimbal control moment gyro for nano-satellites. 66th International Astronautical Congress, Jerusalem, Israel, Israel Space Agency 2015: 1-9.
73. STEYN WH, JORDAAN HW. An active attitude control system for a drag sail satellite. 66th International Astronautical Congress, Jerusalem, Israel, Israel Space Agency 2015: 1-9.
74. STRYDOM WJ, BOTHA MM. Recovery-based a posteriori error estimation for the charge in the method of moments. 9th European Conference on Antennas and Propagation (EuCAP 2015), Lisbon, Portugal, IEEE 2015: 1-4.
75. STRYDOM WJ, BOTHA MM. Ideas on recovery-based a posteriori error estimation for RWG-based currents in the method of moments. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 966-969.
76. TOMLINSON DM, MOUTON HDT, KENNEL RM. Finite-control-set model predictive control with a fixed switching frequency vs. linear control for current control of a single-leg inverter. 3rd Symposium on Predictive Control of Electrical Drives and Power Electronics, Valparaiso, South Africa, IEEE 2015: 1-6.
77. VAN DEN AARDWEG W, ENGELBRECHT JAA, VAN DAALLEN CE. Sampling-based collision avoidance for commercial airliners with intruder aircraft and terrain. 2015 IEEE Aerospace Conference, Montana, USA, IEEE 2015: 1-10.
78. VAN DER WALT PW, STOFBERG A, DE SWARDT JB. Performance limitations of active cancellers for FMCW radars. 2015 IEEE Radar Conference, Johannesburg, South Africa, IEEE 2015: 300-305.
79. VAN GREUNEN M, ENGELBRECHT HA. Forecasting methods for cloud hosted resources, a comparison. 11th International Conference on Network and Service Management, Barcelona, Spain, IEEE 2015: 1-7.
80. VAN VUUREN VZ, TEN BOSCH L, NIESLER TR. Unconstrained speech segmentation using deep neural networks. ICPRAM 2015 4th International Conference on Pattern Recognition Applications and Methods, Lisbon, Portugal, SCITEPRESS 2015: 248-254.
81. VAN WYK PJJ, KAMPER MJ. Simplified analysis technique for double layer non-overlap multiphase slip permanent magnet couplings in wind energy applications. 2015 IEEE International Electric Machines and Drives Conference (IEMDC), Coeur d'Alene, USA, IEEE 2015: 1317-1323.
82. VERMEULEN HJ, NIEUWOUDT T. Optimisation of residential solar PV system rating for minimum payback time using half-hourly profiling. Domestic Use of Energy (DUE), Cape Town, South Africa, Cape Peninsula University of Technology 2015: 215-221.
83. WIID PG. The answer is in fact 41, or how to get 35:1 bandwidth from a cone antenna. In: Lombardi G (ed.) Proceedings of the 2015 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC), Torino, Italy, IEEE 2015: 1060-1063.
84. WIID PG, MATTHYSEN N, KUJA SO, COMBRINK SL. Novel EMC methods for MeerKAT radio telescope. 2015 Radio and Antenna Days of the Indian Ocean, Long Beach Resort, Mauritius, IEEE 2015: 1-2.
85. XIANG D, BOTHA MM. Further progress with fast and reliable shadowing determination for mesh-based PO analysis. In: Lombardi G (ed.) Proceedings of the 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy, IEEE 2015: 958-961.

86. YOUNG A, DAVIDSON DB, WIJNHOLDS SJ, CAROZZI T, MAASKANT R, IVASHINA MV. Efficient wideband gain modeling for interferometric imaging arrays in radio astronomy. 2015 IEEE Antennas and Propagation Society International Symposium, Vancouver, Canada, IEEE 2015: 1374-1375.
87. ZIETSMAN NL, GULE N. Optimal design methodology of a three phase rotary transformer for doubly fed induction generator application. 2015 IEEE International Electric Machines and Drives Conference (IEMDC), Coeur d'Alene, USA, IEEE 2015: 763-768.

Proceedings national

1. BROWN JWK, BOOYSEN MJ. An intelligent geyser with Wi-Fi access to support demand-side management. Proceedings of the 23rd Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 431-436.
2. COETZER A, KAMPER MJ. Modelling and evaluation of single-phase OPTIMISA power transformer. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 508-513.
3. COMBRINK SL, WIID PG. Current probe calibration for Meerkat lightning induced current measurement. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 343-348.
4. DE VILLIERS A, VERMEULEN HJ. Efficiency benchmarking and evaluation of coal fire power stations using data envelopment analysis. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, SAUPEC 2015: 419-424.
5. DE VILLIERS HAC, VAN ZIJL L, NIESLER TR. High-level rapid prototyping of graphical models. Pattern Recognition Association of South Africa (PRASA) 2015, Port Elizabeth, South Africa, IEEE 2015: 130-135.
6. DLAMINI MN, GULE N. Impact of PV generators on power system voltage regulation for distribution networks with very Long Branch networks. Proceedings of the 23rd Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 160-163.
7. ERASMUS AS, AMUHAYA LL, KAMPER MJ. Power factor correction and reactive power control of a slip synchronous permanent magnet wind turbine using variable flux. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 197-202.
8. GUNDA L, GULE N. Experimental evaluation of delta modulation for PWM nine phase inverter with a trapezoidal reference current waveform. Proceedings of the 23rd Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 74-79.
9. LOMBARD CHO, ERASMUS AS, KAMPER MJ. Theoretical and finite element analysis of a double rotor radial flux permanent magnet eddy current coupling. Proceedings of the 23rd Southern African Universities Power Engineering

- Conference (SAUPEC 2015), Johannesburg, South Africa, Southern African Universities Power Engineering Conference 2015: 233-238.
10. MATTHEE A, GERBER S, WANG R. A high performance concentric magnetic gear. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, SAUPEC 2015: 203-207.
 11. SHEIKH SM, WOLHUTER R, VAN ROOYEN G. A cross layer adaptive weighted round robin scheduling strategy for wireless mesh networks. Southern Africa Telecommunication Networks and Applications Conference (SATNAC) 2015, Hermanus, South Africa, TELKOM 2015: 323-328.
 12. SORGDRAGER AJ, SMITH R, WANG R. Rotor design of a line-start permanent magnet synchronous machine using the Taguchi method. Proceedings of the Southern African Universities Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, SAUPEC 2015: 227-231.
 13. SORGDRAGER AJ, WANG R, PFEFFER AK. Optimisation of a line-start permanent magnet synchronous machine for a load specific application. Proceedings of the Southern African Universities' Power Engineering Conference (SAUPEC 2015), Johannesburg, South Africa, SAUPEC 2015: 216-220.

Chapters in books

1. BRAND TG, GESCHKE RH, MEYER P. Techniques for the synthesis of multi-band transfer functions. In: Crnojevic-Bengin V, Meyer P (eds.) Advances in multi-band microstrip filters, Cambridge University Press, Cambridge, United Kingdom, 2015: 67-109.
2. JANKOVIC N, CRNOJEVIC-BENGIN V, MEYER P, HONG J. Design methods of multi-band filters. In: Crnojevic-Bengin V, Meyer P (eds.) Advances in multi-band microstrip filters, Cambridge University Press, Cambridge, United Kingdom, 2015: 5-66.
3. LE ROUX J, HEUNIS AE, JANSE VAN VUUREN GH, BARNARD A, JORDAAN HW, STEYN DG, ROSSOUW NC, BIN OTHMAN M, CALITZ N, JUNAID M, GROENEWALD CJ. A nano-satellite constellation for tracking and monitoring endangered wildlife in developing countries. In: Sandau R (ed.) Inventive Ideas for Micro/Nano-Satellites the MIC3 Report, International Academy of Astronautics, Paris, France, 2015: 37-49.

INDUSTRIAL ENGINEERING

Journal articles

1. ASEKUN OO, FOURIE CJ. Selection of a Decision Model for Rolling Stock Maintenance Scheduling. South African Journal of Industrial Engineering 2015; **26(1)**:135-149.
2. BECKER TH, VAN ROOYEN M, DIMITROV DM. Heat Treatment of TI-6AL-4V produced by LaserCUSING. South African Journal of Industrial Engineering 2015; **26(2)**:93-103.
3. BEZUIDENHOUT MB, DIMITROV DM, VAN STADEN ADP, OOSTHUIZEN GA, DICKS LMT. Titanium-Based Hip Stems with Drug Delivery Functionality through Additive Manufacturing. Biomed Research International 2015; **2015**: Article ID 134093, 11 pages.

4. BEZUIDENHOUT MB, VAN STADEN ADP, OOSTHUIZEN GA, DIMITROV DM, DICKS LMT. Delivery of Antibiotics from Cementless Titanium-Alloy Cubes May Be a Novel Way to Control Postoperative Infections. *Biomed Research International* 2015; **2015**: Article ID 856859, 7 pages.
5. BURGER AP, DE VILLIERS AP, VAN VUUREN JH. Edge criticality in secure graph domination. *Discrete Optimization* 2015; **18**:111-122.
6. BURGER AP, DE VILLIERS AP, VAN VUUREN JH. Edge stability in secure graph domination. *Discrete Mathematics and Theoretical Computer Science* 2015; **17**(1):103-122.
7. BURGER AP, JACOBS CG, VAN VUUREN JH, VISAGIE SE. Scheduling multi-colour print jobs with sequence-dependent setup times. *Journal of Scheduling* 2015; **18**(2):131-145.
8. COETZEE D, BRENT AC. Perceptions of professional practitioners and property developers relating to the costs of green buildings in South Africa. *Journal of the South African Institute of Civil Engineering* 2015; **57**(4):12-19.
9. CONRADIE PDF, FOURIE CJ, VLOK P-J, TREURNICHT NF. Quantifying System Reliability in Rail Transportation in an Ageing Fleet Environment. *South African Journal of Industrial Engineering* 2015; **26**(2):128-142.
10. CONRADIE PJT, OOSTHUIZEN GA, DIMITROV DM, SAXER M. Effect of Milling Strategy and Tool Geometry on Machining Cost when Cutting Titanium Alloys. *South African Journal of Industrial Engineering* 2015; **26**(3):137-151.
11. DIAZ LOPEZ F, MONTALVO C. A comprehensive review of the evolving and cumulative nature of eco-innovation in the chemical industry. *Journal of Cleaner Production* 2015; **2015**(102):30-43.
12. GARIKAYI T, MATOPE S, VAN DEN HEEVER DJ. Development of an adaptive controller for lower limb rehabilitation device. *International Journal of Mechanical Engineering & Automation* 2015; **2**(6):245-256.
13. GEYER RW, FOURIE CJ. Determining the Suitability of a Business Process Modelling Technique for a Particular Application. *South African Journal of Industrial Engineering* 2015; **26**(1):252-266.
14. GIGLMAYR S, BRENT AC, GAUCHE P, FECHNER H. Utility-scale PV power and energy supply outlook for South Africa in 2015. *Renewable Energy* 2015; **83**:779-785.
15. HEYNS AM, VAN VUUREN JH. An Evaluation of the Effectiveness of Observation Camera Placement within the MeerKAT Radio Telescope Project. *South African Journal of Industrial Engineering* 2015; **26**(2):10-25.
16. JOOSTE JL, VLOK P-J. A Decision Support Model to Determine the Critical Success Factors of Asset Management Services. *South African Journal of Industrial Engineering* 2015; **26**(1):27-43.
17. KENNON D, SCHUTTE CSL. A Strategic Framework for Improbable Circumstances. *South African Journal of Industrial Engineering* 2015; **26**(2):68-84.
18. KENNON D, SCHUTTE CSL, LUTTERS D. An alternative view to assessing antifragility in an organisation: A case study in a manufacturing SME. *CIRP Annals-Manufacturing Technology* 2015; **2015**(64):177-180.
19. KRAUSE W, SCHUTTE CSL. A Perspective on Open Innovation in Small- and Medium-Sized Enterprises in South Africa, and Design Requirements for an Open Innovation Approach. *South African Journal of Industrial Engineering* 2015; **26**(1):163-178.

20. LINDNER BG, VLOK P-J, WESSELS CB. Determining optimal primary sawing and ripping machine settings in the wood manufacturing chain. *Southern Forests* 2015; **77** (3):191-201.
21. MUSANGO JK, BRENT AC. A roadmap framework for solar aided power generation in South Africa. *Journal of Energy in Southern Africa* 2015; **26**(4):2-15.
22. POTGIETER L, VAN VUUREN JH, CONLONG DE. The role of heterogeneous agricultural landscapes in the suppression of pest species following random walk dispersal patterns. *Ecological Modelling* 2015; **306**:240-246.
23. ROMMELSPACHER KO, FOURIE CJ. The Applicability of the Centeno, Chaudhary and Lopez Repair Time Standard Methodology in a Rail Maintenance Environment. *South African Journal of Industrial Engineering* 2015; **26**(3):183-193.
24. ROUX A, VAN VUUREN JH. A linear algorithm for (r, s)-domination of a tree. *Utilitas Mathematica* 2015; **96**:209-216.
25. SCHOEMAN JS, VLOK P-J. Estimating residual life of equipment using subjective covariates. *R&D Journal* 2015; **2015**(31):52-59.
26. TORA E, VAN NIEKERK JL, FOUCHE E, BRENT AC. State of the art on modelling techniques for renewable energy integration into the energy mix. *International Journal of Advanced Information Science and Technology (IJAIST)* 2015; **40**(40):204-215.
27. VAN BAALEN SM, SCHUTTE CSL, VON LEIPZIG KH. Capacity self-assessment as a catalyst for improved municipal service delivery. *Journal of the South African Institution of Civil Engineering* 2015; **57**(1):2-15.
28. VAN DEN HONERT AF, VLOK P-J. Estimating the Continuous Risk of Accidents Occurring in the Mining Industry in South Africa. *South African Journal of Industrial Engineering* 2015; **26**(3):71-85.
29. VAN DER MERWE C, VAN RENSBURG A, SCHUTTE CSL. An Engineering Approach to an Integrated Value Proposition Design Framework. *South African Journal of Industrial Engineering* 2015; **26**(1):59-74.
30. VAN HEERDEN MA, VLOK P-J. Proposing a Holistic Physical Asset Management Strategy to Implement in Food and Beverage Industries in South Africa. *Journal of Food Science and Quality Management* 2015; **35**:83-98.
31. VON LEIPZIG KH, DIMITROV DM. Cluster Development in the SA Tooling Industry. *South African Journal of Industrial Engineering* 2015; **26**(3):110-124.
32. WALWYN DR, BRENT AC. Renewable energy gathers steam in South Africa. *Renewable & Sustainable Energy Reviews* 2015; **2015**(41):390-401.

Proceedings international

1. BRADLEY ME, MATOPE S. Improvement of a Production Line through the Application of Lean Techniques: A Case Study of Refrigerator Assembly. In: Muzenda E, Yingthawornsuk T (eds.) 7th International Conference on Latest Trends in Engineering and Technology (ICLTET'2015), Pretoria, South Africa, International Institute of Engineers 2015: 112-115.
2. BRENT AC. Solar Energy RDI Roadmap for South Africa. In: Meyer JP (ed.) SASEC 2015 Third Southern African Solar Energy Conference, Kruger National Park, South Africa, University of Pretoria 2015: 48-53.
3. BUTCHER CE, SCHUTTE CSL. Technology Selection Framework for Port Development Projects. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1064-1081.

4. CONRADIE FW, OOSTHUIZEN GA, SACKS N, SAXER M. The Effect of Titanium Alpha Case on the Wear of Indexable Carbide Cutters. In: De Vaal PL, Fuller G (eds.) Eleventh International Tribology Conference of the South African Institute of Tribology, Pretoria, South Africa, SAIT 2015: (035) 1-10.
5. CONRADIE PDF, FOURIE CJ. Using Reliability Based Maintenance in a Railway Application. In: Forde MC (ed.) Railway Engineering-2015, Edinburgh, United Kingdom, University of Edinburgh 2015: 1409(1-14).
6. CRONJE GF, MATOPE S. Polyurethane Grippers as a Substitute for Vacuum Grippers: A Case Study in an Electronics Environment. In: Muzenda E, Yingthawornsuk T (eds.) 7th International Conference on Latest Trends in Engineering and Technology (ICLTET'2015), Pretoria, South Africa, International Institute of Engineers 2015: 122-125.
7. DE VILLIERS JU, MUSANGO JK, BRENT AC. A system dynamics model of the individual decisions of a salaried employee in saving for retirement. Thirty-second International System Dynamics Conference, Boston, USA, System Dynamics Society 2015: 1-26.
8. DEWA MT, VAN DER MERWE AF, MATOPE S. Holonic Control System: Reference Design Architecture for South African Tooling Industries Clusters. In: Dessouky MI (ed.) 45th International Conference on Computers & Industrial Engineering, Metz, France, Universite De Lorraine 2015: D4 238-245.
9. DEWA MT, VAN DER MERWE AF, MATOPE S. Towards a Competitive South African Tooling Industry. 17th International Conference on Industrial Engineering (ICIE 2015) (Waset, Volume 9 (11)), Cape Town, South Africa, WASET 2015: 13-18.
10. DUMINY L, BRENT AC, MUSANGO JK. Commercial Fishing and Aquaculture Implications of a Green Economy Transition in the Western Cape. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 2011-2025.
11. ENEVER AA, OOSTHUIZEN GA, SACKS N. Wear Effects of Custom Tungsten Carbide Grinding Wheel. In: De Vaal PL, Fuller G (eds.) Eleventh International Tribology Conference of the South African Institute of Tribology, Pretoria, South Africa, SAIT 2015: (041) 1-10.
12. FLYNN JR, VLOK P-J. Lean Approaches in Asset Management within the Mining Industry. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 101-118.
13. GANDURI L, VAN DER MERWE AF, MATOPE S. Economic model for the production of spirit, inulin and syrup from the locally eco-friendly Agave americana. In: Caggiano A (ed.) 3rd CIRP Global Web Conference on Production Engineering (CIRPe2014), Amsterdam, Netherlands, Elsevier 2015: 173-178.
14. HAGEDORN-HANSEN D, CICHON R, BEZUIDENHOUT MB, DE WET P, HUGO PA, OOSTHUIZEN GA. Geometric Deviation of Hybrid Parts Produced by Selective Laser Melting. In: Theron M (ed.) 16th International Rapid Product Development (RAPDASA) Conference, Pretoria, South Africa, CSIR 2015: 1-10.
15. JONKER WD, BRENT AC, MUSANGO JK. Modelling the Production of Biofuel within the Western Cape Province, South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 501-519.
16. JOOSTE C, VAN EEDEN J, VAN DYK E. South African Wine Supply Chain Performance Measurement Framework. In: Kersten W, Blecker T, Ringle CM

- (eds.) Hamburg International Conference of Logistics (HICL) 2015, Hamburg, Germany, University of Hamburg 2015: 305-332.
17. JOOSTE JL, VLOK P-J. Identifying the Critical Success Factors for Engineering Asset Management Services - An Empirical Study. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 397-414.
 18. JURA D, OOSTHUIZEN GA, PRETORIUS JHC. The Evolution of Quality Management Systems to Assist Manufacturing Entrepreneurs in Incubation Clusters. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1-10.
 19. KRAUSE W, SCHUTTE CSL. A Framework towards an Open Innovation Approach for SMES. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1026-1045.
 20. KRIEGE L, VLOK P-J. Human Resources within ISO 55000 - The Hidden Backbone to the Asset Management System. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 435-449.
 21. LEKWANA MTL, MADYIRA DM, OOSTHUIZEN GA, MAKONESE TN. CFD evaluation of premixed and non-premixed models as suitable representatives of fixed-bed biomass combustor freeboard. In: Beute N (ed.) 2015 International Conference on the Domestic Use of Energy, Cape Town, South Africa, CPUT 2015: 203-208.
 22. MABIZELA ST, OOSTHUIZEN GA, PRETORIUS JHC. Continuous Process Improvement Applies to an Engineering Education System. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1-19.
 23. MC NAUGHT MD, FOURIE CJ. Using TQI to quantify the reliability of a section of perway. In: Shpitalni M, Fischer A, Molcho G (eds.) CIRP 25th Design Conference Innovative Product Creation, Haifa, Israel, Elsevier 2015: 1-6.
 24. MC NAUGHT MD, FOURIE CJ. A review of critical problems from the desks of chief executive officers in the passenger railway service industry. In: Brebbia CA (ed.) 21st International Conference on Urban Transport and the Environment (Urban Transport XX1), Valencia, Spain, WIT Press 2015: 411-421.
 25. MUSANGO JK, BRENT AC, VAN NIEKERK JBS, JONKER WD, PIENAAR AP, YORK TA, OOSTHUIZEN J, DUMINY L, DE KOCK IH. A system dynamics approach to understand the implications of a green economy transition in the Western Cape Province of South Africa. Thirty-second International System Dynamics Conference, Boston, USA, System Dynamics Society 2015: 1-19.
 26. MUVUNZI R, DIMITROV DM, MATOPE S, KUFAZVINEI C. Application of Additive Manufacturing for Performance Improvement of Tooling in Moulding and Sheet Metal Forming Processes: A Review. In: Theron M (ed.) 16th International Rapid Product Development (RAPDASA) Conference, Pretoria, South Africa, CSIR 2015: 1-11.
 27. NYANGA L, VAN DER MERWE AF, MATOPE S, DEWA MT. A web based manufacturability agent framework for an E-manufacturing system. In: Caggiano A (ed.) 3rd CIRP Global Web Conference on Production Engineering (CIRPe2014), Amsterdam, Netherlands, Elsevier 2015: 167-172.

28. PIENAAR AP, BRENT AC, MUSANGO JK. Water Resource Implications of a Green Economy Transition in the Western Cape Province of South Africa: A Modelling Approach Review. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 755-771.
29. PRETORIUS MA, SCHUTTE CSL. Cooperative Venture Capital Model: Engineering an Innovation Pipeline. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1325-1347.
30. RAS CI, BOTES J, VERMEULEN MJ, OOSTHUIZEN GA, UYS JW. Social manufacturing business model elements to support local suppliers. In: Theron M (ed.) 16th International Rapid Product Development (RAPDASA) Conference, Pretoria, South Africa, CSIR 2015: 1-12.
31. ROMMELSPACHER KO, CONRADIE FW, FOURIE CJ. The systematic energy management of transport facilities for a holistic reduction of greenhouse emissions. In: Brebbia CA (ed.) Computers in Railways XIV, Rome, Italy, WIT Press 2015: 151-162.
32. SCHLÜNZ EB, BOKOV P, VAN VUUREN JH. On Multiobjective Optimisation Approaches for In-Core Fuel Management Optimisation. In: Maldonado I, Karve A, Ellis R (eds.) Advances in Nuclear Fuel Management V, Hilton Head Island, USA, University of Tennessee 2015: 1-11.
33. SHUMA RM, MADYIRA DM, MAKONESE TN, OOSTHUIZEN GA. Energy Content and Combustion Behaviour of Loose Biomass Available in Limpopo. In: Beute N (ed.) 2015 International Conference on the Domestic Use of Energy, Cape Town, South Africa, CPUT 2015: 93-100.
34. SWART PD, VLOK P-J. Failure Statistics: Budgeting Preventative Maintenance Activities Using Forecasted Work Orders. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 321-338.
35. TENDAYI TG, FOURIE CJ. A life cycle costing framework for effective maintenance management in a rolling stock environment. In: Brebbia CA (ed.) 21st International Conference on Urban Transport and the Environment, Urban Transport (Sustainable Development), Valencia, Spain, WIT Press 2015: 889-900.
36. THERON E, VLOK P-J. Research and Development: Driving Innovation in a Declining Mining Industry. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 363-378.
37. UNGERER GD, SCHUTTE CSL. An Integrated Perspective on Sources of E-Value. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 1082-1101.
38. VAN EEDEN J, LOUW JJ, VAN DYK E, JOOSTE C, ROOS T, SMIT JB. Development of Supply Chain Performance Measurement Framework for the South African Wine Industry. In: Cholette S, Mac Cawley A (eds.) Third International Workshop on Food Supply Chains, San Francisco, USA, San Francisco State College of Business 2014: 1-12.
39. VAN NIEKERK JBS, BRENT AC, MUSANGO JK. Agriculture Sector Implications of a Green Economy Transition in the Western Cape Province of South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International

- Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 591-610.
40. WALKER EJ, VLOK P-J. Scheduled Shutdowns as an Incubator for Inefficiencies. In: Amadi-Echendu J (ed.) 9th World Congress on Engineering Asset Management, Pretoria, South Africa, Springer International 2015: 339-350.
 41. YORK TA, BRENT AC, MUSANGO JK. Infrastructure Implications of a Green Economy Transition in the Western Cape Province of South Africa. In: Pretorius L, Thopil GA (eds.) IAMOT 2015 24th International Association for Management of Technology Conference, Cape Town, South Africa, IAMOT 2015: 80-96.

Proceedings national

1. JANSE VAN RENSBURG J, VAN VUUREN JH. Decision support for the assignment of real-estate agents to suburbs. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 23-32.
2. LINDNER BG, EYGELAAR J, LÖTTER DP, VAN VUUREN JH. Tri-objective generator maintenance scheduling for a national power utility. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 112-122.
3. LÖTTER J, VAN VUUREN JH. A modelling framework for shelf space allocation of fresh produce at a local retailer. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, ORSSA 2015: 62-71.
4. MEYER T, REED R, VAN VUUREN JH. Toward decision support for firebase locations in Table Mountain National Park. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 102-111.
5. MOVIUS SJ, VAN VUUREN JH. An evaluation of self-organisation in traffic control with respect to varying distances between adjacent intersections in a road corridor. 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 44-53.
6. SCHLUNZ EB, BOKOV P, VAN VUUREN JH. Application of artificial neural networks for predicting core parameters for the SAFARI-1 nuclear research reactor. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 12-22.
7. SCHMIDT-DUMONT T, VAN VUUREN JH. Radio transmission tower placement in cellular telephone communication networks. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 91-101.
8. SMITH A, COLMANT A, BAM L, VAN VUUREN JH. A new vehicle routing problem with application to pathology laboratory service delivery. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 72-80.
9. TRUTER ML, VAN VUUREN JH. Value-based methods for threat value fusion within a ground-based air defense environment. 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 123-133.
10. VAN DER WALT JC, VAN VUUREN JH. Decision support for the selection of water release strategies at open-air irrigation reservoirs. In: Kruger HA (ed.)

- 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 33-43.
11. VAN VUUREN BJ, POTGIETER L, VAN VUUREN JH. An agent-based simulation model describing the lek mating process of *Eldana saccharina* Walker. In: Kruger HA (ed.) 44th Annual Conference of the Operations Research Society of South Africa, Hartbeespoort, South Africa, ORSSA 2015: 1-11.

Books

1. LOTZ M, BRENT AC. Carbon Footprinting Guide. Nedbank Limited, Sandton, South Africa 2015:92 pp.

Chapters in books

1. BRENT AC. Appropriate Curricula for Engineering Management Programmes: A South African Approach. In: Christensen SH, Didier C, Jamison A, Et Al (eds.) International Perspectives on Engineering Education, Volume 1, Springer International, Switzerland, 2015: 343-363.
2. BRENT AC, GUY D, MCCALLUM W, MOSDELL S, THOMPSON-SMEDDLE L. Overcoming financial challenges associated with sustainable energy. In: Thompson-Smeddle L (ed.) A South African Renewable Energy Guide for Local Government, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2015: 84-119.
3. BRENT AC, MOSDELL S, GUY D, SCHEEPERS T. Understanding renewable energy law, policy and regulations. In: Thompson-Smeddle L (ed.) A South African Renewable Energy Guide for Local Government, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2015: 21-44.
4. BRENT AC, SPENCER F, THOMPSON-SMEDDLE L. Towards sustainable energy solutions. In: Thompson-Smeddle L (ed.) A South African Renewable Energy Guide for Local Government, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2015: 1-19.

MECHANICAL AND MECHATRONIC ENGINEERING

Journal articles

1. ALLEN KG, VON BACKSTROM TW, KROGER DG. Rock bed pressure drop and heat transfer: Simple design correlations. *Solar Energy* 2015; **115**:525-536.
2. BECKER TH, BECK M, SCHEFFER C. Microstructure and mechanical properties of direct metal laser sintered Ti-6Al-4V. *South African Journal of Industrial Engineering* 2015; **26(1)**:1-10.
3. BECKER TH, VAN ROOYEN M, DIMITROV DM. Heat Treatment of Ti-6Al-4V produced by LaserCUSING. *South African Journal of Industrial Engineering* 2015; **26(2)**:93-103.
4. BEYERS WA, ZAPKE AJ, VENTER G. Improved cover type header box design procedure. *R&D Journal* 2015; **31**:76-85.
5. BROOKS MJ, DU CLOU S, VAN NIEKERK JL, GAUCHE P, LEONARD C, MOUZOURIS M, MEYER AJ, VAN DER WESTHUIZEN N, VAN DYK E, VORSTER FJ. SAURAN: A new resource for solar radiometric data in Southern Africa. *Journal of Energy in Southern Africa* 2015; **26(1)**:1-10.

6. BURGER CJ, VAN DEN HEEVER DJ. Removal of EOG artefacts by combining wavelet neural network and independent component analysis. *Biomedical Signal Processing and Control* 2015; **15**:67-79.
7. CHO KJ, MULLER JH, ERASMUS PJ. Trochlear groove alignment measurement method for surgical applications. *Journal of Mechanics in Medicine and Biology* 2015; **15**(2): Art # 1540033, 7 pages.
8. DAWSON R, DIACON AH, EVERITT D, VAN NIEKERK C, DONALD PR, BURGER DA, SCHALL R, SPIGELMAN M, CONRADIE A, EISENACH K, VENTER A, IVE P, PAGE-SHIPPI L, VARIAVA E, REITHER K, NTINGINYA E, PYM A, VON GROOTE-BIDLINGMAIER FT, MENDEL CM. Efficiency and safety of the combination of moxifloxacin, pretomanid (PA-824), and pyrazinamide during the first 8 weeks of antituberculosis treatment: a phase 2b, open-label, partly randomised trial in patients with drug-susceptible or drug-resistant pulmonary tuberculosis. *Lancet* 2015; **385**(9979):1738-1747.
9. DU PLESSIS A, LE ROUX SG, ELS J, BOOYSEN GJ, BLAINE DC. Application of microCT to the non-destructive testing of an additive manufactured titanium component. *Case Studies in Nondestructive Testing and Evaluation* 2015; **4**:1-7.
10. DUNN D, VON BACKSTROM TW, SNEDDEN G. An unsteady numerical analysis of a generic non-axisymmetric turbine endwall in a 1½ stage turbine test rig. *Aeronautical Journal* 2015; **119**:1-11.
11. FANFONI A, DOBSON RT. Heat transfer simulation modelling for unclothed human infants. *R&D Journal* 2015; **31**:17-26.
12. FOURIE N, VAN DER SPUIY SJ, VON BACKSTROM TW. Simulating the effect of wind on the performance of axial flow fans in air-cooled steam condenser systems. *Journal of Thermal Science and Engineering Applications* 2015; **7**(2):1-12.
13. GARIKAYI T, MATOPE S, VAN DEN HEEVER DJ. Development of an adaptive controller for lower limb rehabilitation device. *International Journal of Mechanical Engineering & Automation* 2015; **2**(6):245-256.
14. GIGLMAYRS, BRENT AC, GAUCHE P, FECHNER H. Utility-scale PV power and energy supply outlook for South Africa in 2015. *Renewable Energy* 2015; **83**:779-785.
15. GILDENHUYS F, DOBSON RT. Force plate balance response of seafarers during still and rough sea conditions. *Journal of Medical & Bioengineering* 2015; **4**(4):275-279.
16. HAMEER SJ, VAN NIEKERK JL. A review of large-scale electrical energy storage. *International Journal of Energy Research* 2015; **39**(9):1179-1195.
17. HINDLEY MP, VAN LITSENBORGH DC, GROENWOLD A, BECKER TH. Failure prediction of full-size reactor components from tensile specimen data on NBG-18 nuclear graphite. *Nuclear Engineering and Design* 2015; **284**:1-9.
18. HOFFMANN JE, MADALY K. On thermal energy storage capacity for CSP plant in South Africa. *R&D Journal* 2015; **31**:27-32.
19. IKUZWE A, SEBITOSI AB. A novel design of a daylighting system for a classroom in rural South Africa. *Solar Energy* 2015; **114**:349-355.
20. JOUBERT EC, HARMS TM, VENTER G. Computational simulation of the turbulent flow around a surface mounted rectangular prism. *Journal of Wind Engineering and Industrial Aerodynamics* 2015; **142**:173-187.
21. LOUW FG, VON BACKSTROM TW, VAN DER SPUIY SJ. Lift and drag characteristics of an air-cooled heat exchanger axial flow fan. *Journal of Fluids Engineering-Transactions of the ASME* 2015; **137**:1-9.

22. MOLTENO MR, BECKER TH. Mode I-III decomposition of the J-integral from DIC displacement data. *Strain* 2015; **51**:492-503.
23. PAYNE BA, HUTCHEON JA, DUNSMUIR D, CLOETE G, DUMONT G, HALL DR, LIM J, MAGEE LA, SIKANDAR R, QURESHI R, VAN PAPENDORP E, ANSERMINO JM, VON DADELSZEN P. Assessing the incremental value of blood oxygen saturation (SpO₂) in the miniPIERS (Pre-eclampsia Integrated Estimate of RiSk) Risk Prediction Model. *Journal of Obstetrics and Gynaecology Canada* 2015; **1**:16-24.
24. PÉREZ G.M, SARANCHUK P, SWART W, MUNYENYEMBE J.K. Barriers to pilot mobile teleophthalmology in a rural hospital in Southern Malawi. *Pan African Medical Journal* 2015; **19**:136:1-8.
25. PRINSLOO GJ, DOBSON RT. Combined solar heat and power with microgrid storage and layered smartgrid control toward supplying off-grid rural villages. *Energy Science & Engineering* 2015; **3**:135-144.
26. RUGBANI A, SCHREVE K. The kinematics and error modelling of a novel micro-CMM. *International Journal of Advanced Manufacturing Technology* 2015; **78**:961-969.
27. SSEBABI B, DOBSON RT, SEBITOSI AB. Characterising a turbine for application in an organic Rankine cycle. *Energy* 2015; **93**:1617-1632.
28. STANDER JN, VENTER G, KAMPER MJ. Structural mass reduction by integrating active material in direct drive generator design. *Structural and Multidisciplinary Optimization* 2015; **52**(2):405-416.
29. TAULO JTL, GONDWE KJ, SEBITOSI AB. Energy supply in Malawi: Options and issues. *Journal of Energy in Southern Africa* 2015; **26**(2):19-32.
30. TORA E, VAN NIEKERK JL, FOUCHE E, BRENT AC. State of the art on modelling techniques for renewable energy integration into the energy mix. *International Journal of Advanced Information Science and Technology (IJAIST)* 2015; **40**(40):204-215.
31. VAN DER SPUY SJ, VON BACKSTROM TW. An evaluation of simplified CFD models applied to primeter fans in air-cooled steam condensers. *Proceedings of the Institution of Mechanical Engineers Part A-Journal of Power and Energy* 2015; **IMEchE** 2015:1-20.
32. VAN ZYL JJ, COWLEY AA, NEVELING R, BUTHELEZI EZ, FÖRTSCH SV, MABIALA J, NEMULODI F, SWARTZ JA, ET AL. Incident-energy dependence of angular distributions of cross section and analyzing power for the ⁵⁸Ni(p,3He)⁵⁶Co reaction between 80 and 120 MeV. *Physical Review C* 2015; **91**:024614-11.

Proceedings international

1. ANDERSON NR, REUTER HCR. Performance evaluation of a bare tube air-cooled heat exchanger bundle in dry and wet mode. 17th IAHR International Conference on Cooling Tower and Heat Exchanger, Queensland, Australia, University of Queensland 2015: 21-40.
2. CRAIG OO, DOBSON RT. Parabolic Solar Cooker: Cooking with Heat Pipe VS Direct Spiral Copper Tubes. SWC 2015, SCW 2015: 1-6.
3. DHANSAY NM, BECKER TH. A Comparative Review of the Mechanical properties of SLM Produced Ti-6Al-4V. 16th International Conference RAPDASA 2015, South Africa, RAPDASA 2015: 1-14.
4. DU PLESSIS J, REUTER HCR. Performance evaluation of water collection systems with a hybrid dephlegmator. 17th IAHR International Conference on

- Cooling Tower and Heat Exchanger, Queensland, Australia, University of Queensland 2015: 474-492.
5. EISENBERG M, OLADIRAN MT, UZIAK J, KIESER E, VAN DEN HEEVER DJ. Promoting entrepreneurship for Southern African youth through localised entrepreneurial academic programme (LEAP). Edulearn 15 7th International Conference on Education and New Learning Technologies, Barcelona, Spain, iated.org/edulearn 2015: 5982-5986.
 6. ERASMUS PJ, CHO KJ, MULLER JH. Additive manufacturing in the experimental development of patient specific instrumentation and prosthesis for patellofemoral knee replacement. In: Theron M (ed.) 16th International Rapid Product Development (RAPDASA) Conference, South Africa, CSIR 2015: 1-8.
 7. HELLER LJ, HOFFMANN JE. A cost and performance evaluation of SUNDISC: a dual-pressure air receiver cycle. In: Wang Z (ed.) International Conference on Concentrating Solar Power and Chemical Energy Systems, SolarPACES 2014(Energy Procedia), Beijing, China, Elsevier 2015: 1287-1295.
 8. KRUGER K, BASSON AH. Implementation of an Erlang-based Resource Holon for a Holonic Manufacturing Cell. In: Borangiu T, Thomas A, Trentesaux D (eds.) SOHOMA'14 Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing (Service Orientation in Holonic and Multi-Agent Manufacturing), Nancy, France, Springer International 2015: 49-58.
 9. LOUW FG, VON BACKSTROM TW, VAN DER SPUY SJ. Experimental investigation of the blade surface pressure distribution in an axial flow fan for a range of flow rates. ASME Turbo Expo 2015, Montreal, Canada, The American Society of Mechanical Engineers 2015: 1-12.
 10. MALAN DJ, DOBSON RT, DINTER F. Solar thermal energy storage in power generation using phase change material with heat pipes and fins to enhance heat transfer. In: Wang Z (ed.) International Conference on Concentrating Solar Power and Chemical Energy Systems, SolarPACES 2014 (Energy Procedia), Beijing, China, Elsevier 2014: 925-936.
 11. MINNAAR NJ, VAN DEN HEEVER DJ. A kicking simulator to investigate the foot-ball interaction during a rugby place kick. 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Milano, Italy, Medline US National Library of Medicine 2015: 95.
 12. MUIYSER J, ELS DNJ, VAN DER SPUY SJ, ZAPKE AJ. The determination of fan blade aerodynamic loading from a measured response. ASME Turbo Expo 2015, Montreal, Canada, The American society of Mechanical Engineers 2015: 1-12.
 13. MULLER JH, VAN DEN HEEVER DJ. The Evolution of the Biomedical Engineering Research Group (BERG) at Stellenbosch University. 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC2015), Milan, Italy, IEEE 2015: 1.
 14. OLADIRAN MT, UZIAK J, VAN DEN HEEVER DJ, EISENBERG M. Industry and University collaboration - the case of global engineering teams. Edulearn 15 7th International Conference on Education and New Learning Technologies, Barcelona, Spain, iated.org/edulearn 2015: 5921-5926.
 15. OMER H, BEKKER A. A study of wave slamming vibrations and analysis in the context of human factors on the S.A. Agulhas II during a voyage to the Southern Ocean. 50th UK Conference on Human responses to Vibration, South Hampton, United Kingdom, Institute of Sound and Vibration Research 2015: 249-260.
 16. OWEN MTF, KROGER DG, REUTER HCR. Enhancing turbine output at dry-cooled power plants using a hybrid (dry/wet) dephlegmator. 17th IAHR

- International Conference on Cooling Tower and Heat Exchanger, Queensland, Australia, University of Queensland 2015: 460-473.
17. ROUX D, REUTER HCR. Performance evaluation and design of a new cooling tower spray system for uniform water distribution. In: Hooman K, Gurgenci H, Guan Z, Lu Y, Lucas M (eds.) 17th IAHR International Conference on Cooling Tower and Heat Exchanger, Queensland, Australia, University of Queensland 2015: 504-515.
 18. SENDA FM, DOBSON RT. Validation of the thermo-fluid characteristics for laminated screens woven copper wire mesh enhancing the regenerative compact heat exchanger heat transfer areas. 13th International Energy Conversion Engineering Conference, Orlando, Florida, USA, American Institute of Aeronautics, Inc 2015: 1-12.
 19. SILINGA CN, GAUCHE P, RUDMAN J, CEBECAUER T. The South African REIPPP two-tier CSP tariff: Implications for a proposed hybrid CSP peaking system. In: Wang Z (ed.) International Conference on Concentrating Solar Power and Chemical Energy Systems, SolarPACES 2014(Energy Procedia), Beijing, China, Journal of Power and Energy 2015: 1431-1440.
 20. SOAL KI, BEKKER A. Operational modal analysis on the polar supply and research vessel the S.A. Agulas II. In: Aenlle ML, Fernández PF, Et Al (eds.) 6th International Operational Modal Analysis Conference (6th IOMAC), Gijon, Spain, IOMAC 2015: 611-618.
 21. SOAL KI, BEKKER A, BIENERT J. Structural vibration analysis on the polar supply and research vessel the S.A. Agulhas II in Antarctica. 23rd International Conference on Port and Ocean under Arctic Conditions (POAC 2015), Trondheim, Norway, POAC 2015: 512-522.
 22. WILKINSON MB, VAN DER SPUIY SJ. The effect of fan tip configuration on air-cooled condenser axial flow fan performance. International Conference on Fan Noise, Technology and Numerical Methods, Lyon, France, Journal of Power and Energy 2015: 89-97.

Proceedings national

1. ALLEN KG, PITOT DE LA BEAUJADIÈRE J, VON BACKSTROM TW, REUTER HCR. The Suitability of the Infinite NTU Model for Long-Term Rock Bed Thermal Storage Performance Simulation. 3rd Southern African Solar Energy Conference, Skukuza, Kruger National Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 1-8.
2. AURET C, GAUCHE P. Replacing intermittent renewable capacity in the 2010 IRP with CSP: Effect on coal fired power station capacity factors in 2030. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
3. CEBECAUER T, SURI M, MEYER AJ, VAN NIEKERK JL. Accuracy-enhanced solar resource maps of South Africa. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 450-456.
4. CRAIG OO, DOBSON RT, DINTER F. Stand-Alone CSP Parabolic Solar Cookers and Rural Industrialisation in Southern Africa. 3rd Southern African Solar Energy Conference, Skukuza, Kruger National Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 1-8.

5. DINTER F. Operation Experience of a 50MW Solar Thermal Parabolic Trough Plant in Spain. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
6. DINTER F, BUSSE KT. Overview of predictive CSP spread scenarios and its opportunities. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 1-6.
7. GROBLER A, GAUCHE P. A Review of Aiming Strategies for Central Receivers. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
8. HAMEER SJ. An assessment of hybrid solar photovoltaic and wind potential of Tanzania using MATLAB. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library 2015: 1-8.
9. HAMEER SJ, VAN NIEKERK JL. A thermodynamic model for comparing thermal energy storage system to electrochemical, chemical, and mechanical energy storage technologies. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 123-128.
10. HELLER LJ, HOFFMANN JE. Comparison of different configurations of a combined cycle CSP plant. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-6.
11. HELLER LJ, MESNIL B, HOFFMANN JE. Initial Investigation of Liquid Glass as a Thermal Medium in CSP Plants. 3rd Southern African Solar Energy Conference, Skukuza, Kruger National Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 1-8.
12. HESS S. Stationary booster reflectors for solar thermal process heat generation. 3rd Southern African Solar Energy Conference, Skukuza, Kruger National Park, South Africa, UPSpace Institutional Library- Dept of Library Services 2015: 153-158.
13. HOFFMANN JE. Identifying the optimum storage capacity for a 100MW CSP plant in South Africa. 2nd Southern African Solar Energy Conference, Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
14. HOFFMANN JE. Optimization of Internally Finned Tubes for Solar Receivers. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
15. JADHAV A, VAN NIEKERK JL. Prospects of inclined solar chimney concept in South Africa. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 159-163.
16. JOUBERT EC, VAN NIEKERK JL. Industrial Solar Process Heat Yield and Feasibility. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 1-6.
17. KRITZINGER K, VAN NIEKERK JL, BEKKER B. Unlocking the rooftop PV market in South Africa. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library 2015: 1-8.
18. LANDMAN WA, GAUCHE P. Analysis of canting strategies using the HFCAL model. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.

19. LARMUTH JN, MALAN KJ, GAUCHE P. Design and Cost Review of 2M² Heliostat Prototypes. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
20. LUBKOLL M, VON BACKSTROM TW, KROGER DG. Survey on Pressurized Air Receiver Development. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
21. LUTCHMAN SL, GAUCHE P, GROENWOLD A. On selecting a method for heliostat field layout optimization. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
22. MALAN KJ, GAUCHE P. A locally developed 40m² wireless heliostat array control system. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
23. MEYER AJ, VAN NIEKERK JL. Towards a verified DNI map for South Africa. 3rd Southern African Solar Energy Conference (SASEC 2015), Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library Services 2015: 445-449.
24. SILINGA CN. Soltrain II - Solar water heating system test and demonstration facility. 3rd Southern African Solar Energy Conference, Skukuza, Kruger National Park, South Africa, UPSpace Institutional Repository - Dept of Library services 2015: 1-8.
25. TORA EAAM, VAN NIEKERK JL. Different designs of nanofluids-based flat-plate solar collectors. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library 2015: 1-8.
26. VAN DER MERWE PC, HOFFMANN JE. Annular solar receiving tube. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.
27. VAN DER WALT RJ, VAN NIEKERK JL, CREWE-BROWN JJ, FAIRHURST J. Design consideration for a solarturtle. 3rd Southern African Solar Energy Conference, Skukuza, Kruger national Park, South Africa, UPSpace Institutional Repository - Dept of Library services 2015: 1-3.
28. WILMS JM, HARMS TM. On the development of OpenFOAM solver to model two-phase horizontal flow in the receiver of a parabolic trough collector. 2nd Southern African Solar Energy Conference (SASEC), Port Elizabeth, South Africa, EDAS, National Library of South Africa 2014: 1-8.

PROCESS ENGINEERING

Journal articles

1. ALDRICH C, UAHENGO FDL, KISTNER M. Estimation of particle size in hydrocyclone underflow streams by use of Multivariate Image Analysis. *Minerals Engineering* 2015; **70**:14-19.
2. ALIMANDEGARI M, FARZAD S, PAHLAVANZADEH H. Exergy Performance Analysis and Optimization of a Desiccant Wheel System. *Journal of Thermal Science and Engineering Applications* 2015; **7**(3):1-10.
3. ANEKE M, GORGENS JF. Evaluation of the separation energy penalty associated with low butanol concentration in the fermentation broth using entropy analysis. *Fuel* 2015; **150**:583-591.

4. BRIENZO M, TYHODA L, BENJAMIN YL, GORGENS JF. Relationship between physicochemical properties and enzymatic hydrolysis of sugarcane bagasse varieties for bioethanol production. *New Biotechnology* 2015; **32**(2):253-262.
5. BRIKA B, BRADSHAW SM, JACOBS EP. Investigation of geometric properties of media particles and operating conditions on floating media filtration. *Desalination and Water Treatment* 2015; **54**(8):2091-2099.
6. CHARIKINYA E, BRADSHAW SM, BECKER M. Characterising and quantifying microwave induced damage in coarse sphalerite ore particles. *Minerals Engineering* 2015; **82**:14-24.
7. CHIBWE DK, AKDOGAN G, TASKINEN P, EKSTEEN JJ. Modelling of fluid flow phenomena in Peirce-Smith copper converters and analysis of combined blowing concept. *Journal of the Southern African Institute of Mining and Metallurgy* 2015; **115**:363-374.
8. CHIBWE DK, KAPUSTA JPT, AKDOGAN G, BEZUIDENHOUT GA, BRADSHAW SM, EDWARDS DW. Sonic injection into a PGM Peirce-Smith converter: CFD modelling and industrial trials. *Journal of the Southern African Institute of Mining and Metallurgy* 2015; **115**:349-354.
9. CHIMPHANGO AFA, GORGENS JF. Postharvest technology for advancing sustainable bioenergy production for food processing. *British Food Journal* 2015; **117**(12):2850-2862.
10. CHIYANZU I, BRIENZO M, GARCIA APARICIO MDP, AGUDELO AGUIRRE RA, GORGENS JF. Spent coffee ground mass solubilisation by steam explosion and enzymatic hydrolysis. *Journal of Chemical Technology and Biotechnology* 2015; **90**:449-458.
11. CHOLLOM MN, RATHILAL S, PILLAY VL, ALFA D. The applicability of nanofiltration for the treatment and reuse of textile reactive dye effluent. *Water SA* 2015; **41**(3):398-405.
12. CLOETE JH, AKDOGAN G, BRADSHAW SM, CHIBWE DK. Physical and numerical modelling of a four-strand steelmaking tundish using flow analysis of different configurations. *Journal of the Southern African Institute of Mining and Metallurgy* 2015; **115**:355-362.
13. CRIPWELL JT, SCHWARZ CE, BURGER AJ. Vapor-Liquid Equilibria Measurements for the Nine n-Alkane/Ketone Pairs Comprising 2-, 3-, and 4-Heptanone with n-Octane, n-Nonane, and n-Decane. *Journal of Chemical and Engineering Data* 2015; **60**:602-611.
14. DANON B, DE VILLIERS AJ, GORGENS JF. Elucidation of the different devolatilisation zones of tyre rubber pyrolysis using TGA-MS. *Thermochimica Acta* 2015; **614**:59-61.
15. DANON B, GORGENS JF. Determining rubber composition of waste tyres using devolatilisation kinetics. *Thermochimica Acta* 2015; **621**:56-60.
16. DANON B, MKHIZE NM, VAN DER GRYP P, GORGENS JF. Combined model-free and model-based devolatilisation kinetics of tyre rubbers. *Thermochimica Acta* 2015; **601**:45-53.
17. DANON B, VAN DER GRYP P, SCHWARZ CE, GORGENS JF. A review of dipentene (DL-limonene) production from waste tire pyrolysis. *Journal of Analytical and Applied Pyrolysis* 2015; **112**:1-13.
18. DEN HAAN R, VAN RENSBURG E, ROSE SH, GORGENS JF, VAN ZYL WH. Progress and challenges in the engineering of non-cellulolytic microorganisms for consolidated bioprocessing. *Current Opinion in Biotechnology* 2015; **33**:32-38.

19. DU PREEZ R, CLARKE KG, CALLANAN LH, BURTON SG. Modelling of immobilised enzyme biocatalytic membrane reactor performance. *Journal of Molecular Catalysis B-Enzymatic* 2015; **119**:48-53.
20. FAHIMIRAD M, FARZAD S, MOGHADDAM SN, SAREMI HS. A three-stage scenario based operational performance test approaches for production capacity enhancement: Case study on the 5th refinery of South Pars Gas Complex in Iran. *Journal of Natural Gas Science and Engineering* 2015; **27**:1758-1770.
21. FOURIE FCVN, SCHWARZ CE, KNOETZE JH. Analytic Setup for Multicomponent High-Pressure Phase Equilibria via Dual Online Gas Chromatography. *Chemical Engineering & Technology* 2015; **38**(7):1165-1172.
22. GENGA RM, AKDOGAN G, POLESE C, GARRET JC, CORNISH LA. Abrasion wear, thermal shock and impact resistance of WC-cemented carbides produced by PECS and LPS. *International Journal of Refractory Metals & Hard Materials* 2015; **49**:133-142.
23. GENGA RM, AKDOGAN G, WESTRAADT JE, CORNISH LA. Microstructure and material properties of PECS manufactured WC-NbC-CO and WC-TiC-Ni cemented carbides. *International Journal of Refractory Metals & Hard Materials* 2015; **49**:240-248.
24. GOMES KRG, CHIMPHANGO AFA, GORGENS JF. Modifying solubility of polymeric xylan extracted from *Eucalyptus grandis* and sugarcane bagasse by suitable side chain removing enzymes. *Carbohydrate Polymers* 2015; **131**:177-185.
25. GOOSEN NJ, DE WET LF, GORGENS JF. Comparison of hydrolysed proteins from different raw materials in diets for Mozambique tilapia *Oreochromis mossambicus*. *Aquaculture International* 2015; **23**:1165-1178.
26. GORGENS JF, BRESSLER DC, VAN RENSBURG E. Engineering *Saccharomyces cerevisiae* for direct conversion of raw, uncooked or granular starch to ethanol. *Critical Reviews in Biotechnology* 2015; **35**(3):369-391.
27. GOTTUMUKKALA LD, SUKUMARAN RK, MOHAN SV, VALAPPIL SK, SARKAR O, PANDEY A. Rice straw hydrolysate to fuel and volatile fatty acid conversion by *Clostridium sporogenes* BE01: bio-electrochemical analysis of the electron transport mediators involved. *Green Chemistry* 2015; **17**:3047-3058.
28. HAMUYUNI J, HELLSTÉN N, AKDOGAN G, TASKINEN P. The Liquidus in Cu-O-CaO System at Metallic Copper Saturation up to 1698 K. *Journal of the American Ceramic Society* 2015; **98**(1):320-323.
29. JOUBERT J, CARRIER M, DAHMEN N, STAHL R, KNOETZE JH. Inherent process variations between fast pyrolysis technologies: a case study on *Eucalyptus grandis*. *Fuel Processing Technology* 2015; **131**:389-395.
30. KRUGER FJ, SCHWARZ CE, DU PREEZ LJ, BURGER AJ. Monomer fraction data of dilute alcohol/acetone systems measured with transmission Fourier transform infrared spectroscopy. *Fluid Phase Equilibria* 2015; **400**:87-94.
31. LYND LR, SOW MARIAM, CHIMPHANGO AFA, CORTEZ LAB, CRUZ CHB, ELMISSIRY M, LASER M, MAYAKI IA, MORAES MAFD, NOGUEIRA LAH, WOLFAARDT GM, WOODS J, VAN ZYL WH. Bioenergy and African transformation. *Biotechnology for Biofuels* 2015; **8**:1-18.
32. MALAN WDT, AKDOGAN G, BRADSHAW SM, BEZUIDENHOUT GA. The recovery of platinum group metals from low-grade concentrates to an iron alloy using silicon carbide as reductant. *Journal of the Southern African Institute of Mining and Metallurgy* 2015; **115**:375-383.

33. MULWANDA J, DORFLING C. Recovery of dissolved platinum group metals from copper sulphate leach solutions by precipitation. *Minerals Engineering* 2015; **80**:50-56.
34. NSAFUL F, COLLARD FX, CARRIER MBN, GORGENS JF, KNOETZE JH. Lignocellulose pyrolysis with condensable volatiles quantification by thermogravimetric analysis – Thermal desorption/gas chromatography-mass spectrometry method. *Journal of Analytical and Applied Pyrolysis* 2015; **116**:86-95.
35. PENGILLY C, GARCIA APARICIO MDP, DIEDERICKS D, BRIENZO M, GORGENS JF. Enzymatic hydrolysis of steam-pretreated sweet sorghum bagasse by combinations of cellulase and endo-xylanase. *Fuel* 2015; **154**:352-360.
36. PETERSEN AM, FARZAD S, GORGENS JF. Techno-economic assessment of integrating methanol of Fischer-Tropsch synthesis in a South African sugar mill. *Bioresource Technology* 2015; **183**:141-152.
37. PETERSEN AM, MELAMU R, KNOETZE JH, GORGENS JF. Comparison of second-generation processes for the conversion of sugarcane bagasse to liquid biofuels in terms of energy efficiency, pinch point analysis and Life Cycle Analysis. *Energy Conversion and Management* 2015; **91**:292-301.
38. PRETORIUS D, VAN ROOYEN J, CLARKE KG. Enhanced production of antifungal lipopeptides by *Bacillus amyloliquefaciens* for biocontrol of postharvest disease. *New Biotechnology* 2015; **32**(2):243-252.
39. RIDOUT AMCJJ, CARRIER MBN, GORGENS JF. Fast pyrolysis of low and high ash paper waste sludge: Influence of reactor temperature and pellet size. *Journal of Analytical and Applied Pyrolysis* 2015; **111**:64-75.
40. SCHWARZ CE, PAULSE QH, KNOETZE JH. Phase equilibria of methyl esters in supercritical propane. *Journal of Supercritical Fluids* 2015; **99**:61-67.
41. SMITH SAM, SCHWARZ CE. High pressure phase behaviour of the CO₂ + 1-decanol + n-dodecane system. *Fluid Phase Equilibria* 2015; **406**:1-9.
42. SNYDERS CA, BRADSHAW SM, AKDOGAN G, EKSTEEN JJ. Determination of the equilibrium and film diffusion constants of the platinum cyanide anions during the elution from activated carbon. *Minerals Engineering* 2015; **80**:57-68.
43. SNYDERS CA, BRADSHAW SM, AKDOGAN G, EKSTEEN JJ. Factors affecting the elution of Pt, Pd and Au cyanide from activated carbon. *Minerals Engineering* 2015; **80**:14-24.
44. SOBIYI K, SIGALAS I, AKDOGAN G, TURAN Y. Performance of mixed ceramics and CBN tools during hard turning of martensitic stainless steel. *International Journal of Advanced Manufacturing Technology* 2015; **77**:861-871.
45. TROLLOPE KM, GORGENS JF, VOLSCHENK H. Semirational Directed Evolution of Loop Regions in *Aspergillus japonicus* β -Fructofuranosidase for Improved Fructooligosaccharide Production. *Applied and Environmental Microbiology* 2015; **81**(20):7319-7329.
46. TROLLOPE KM, VAN WYK N, KOTJOMELA MA, VOLSCHENK H. Sequence and structure-based prediction of fructosyltransferase activity for functional subclassification of fungal GH32 enzymes. *FEBS Journal* 2015; **4782**(96):1-15.
47. TROLLOPE KM, VOLSCHENK H, GORGENS JF, BRO R, NIEUWOUDT HH. Direct, simultaneous quantification of fructooligosaccharides by FT-MIR ATR spectroscopy and chemometrics for rapid identification of superior, engineered β -fructofuranosidases. *Analytical and Bioanalytical Chemistry* 2015; **407**:1661-1671.

48. UYS EC, BURGER AJ, DU PREEZ LJ, KNOETZE JH. The influence of gas physical properties on entrainment inside a sieve tray column. *Chemical Engineering Research & Design* 2015; **104**:429-439.
49. VENA PF, BRIENZO M, GARCIA APARICIO MDP, GORGENS JF, RYPSTRA T. Dilute sulphuric acid extraction of Hemicelluloses from *Eucalyptus grandis* and its effect on Kraft and Soda-AQ pulp and handsheet properties. *Cellulose Chemistry and Technology* 2015; **49**(9-10):819-832.
50. ZAMUDIO M, SCHWARZ CE, KNOETZE JH. Methodology for process modelling of supercritical fluid fractionation processes illustrated for the separation of alkane/alcohol isomer mixtures using CO₂. *Journal of Supercritical Fluids* 2015; **104**:272-280.

Proceedings international

1. AMANKWAH A, ALDRICH C. Motion estimation in flotation froth using the Kalman filter. *Remote Sensing: Understanding the Earth for a Safer World IGARSS 2015 IEEE, Milan, Italy, The Institute of Electrical and Electronics Engineers.Inc.* 2015: 1897-1900.
2. AMANKWAH A, ALDRICH C. A Spatial information measure method for Hyperspectral image visualization. *Remote Sensing: Understanding the Earth for a Safer World IGARSS 2015 IEEE, Milan, Italy, The Institute of Electrical and Electronics Engineers.Inc.* 2015: 4542-4545.
3. BARNARD JP, LINDNER BS, AURET L. Building Operational Performance Monitoring Tools. *IEEE International Conference on Industrial Informatics (INDIN), Cambridge, United Kingdom, IEEE* 2015: 1630-1635.
4. LINDNER BS, AURET L. Application of Data-based Process Topology and Feature Extraction for Fault Diagnosis of an Industrial Platinum Group Metals Concentrator Plant. *4th Workshop on Mining, Mineral & Metal Processing, New Delhi, India, Elsevier* 2015: 102-107.
5. OLADELE TP, SNYDERS CA, BRADSHAW SM. Effect of temperature, contact time, and agitation speed during pre-treatment on gold elution. *The Southern African Institute of Mining and Metallurgy World Gold Conference, Johannesburg, South Africa, SAIMM* 2015: 363-376.
6. STAUNTON WP, MCGRATH T, EKSTEEN JJ. Optimizing carbon management in a CIP/CIL circuit - a better way to measure and manage activated carbon in the circuit. *The Southern African Institute of Mining and Metallurgy World Gold Conference, Johannesburg, South Africa, SAIMM* 2015: 313-319.

FACULTY OF MEDICINE AND HEALTH SCIENCES

ANAESTHESIOLOGY AND CRITICAL CARE

Journal articles

1. BICCARD BM, MADIBA TE, PEARSE RM, ALEXANDRIS P, BHAGWANDASS DR, BOFFARD K, COETZEE AR, ESTERHUIZEN T, FOURIE CE, MACHEKANO R, VAN DER MERWE HD, WARREN BL, ET AL. The South African Surgical Outcomes Study: A 7-day prospective observational cohort study. *SAMJ South African Medical Journal* 2015; **105**(6):456-475.
2. BUYS M, SCHEEPERS PA, LEVIN AI. Lipid emulsion therapy: non-nutritive uses of lipid emulsions in anaesthesia and intensive care. *Southern African Journal of Anaesthesia and Analgesia* 2015; **21**(5):5-11.
3. COETZEE AR, FOURIE PDR. Thoughts on the Intra-Aorta Balloon Pump. *Journal of Cardiothoracic and Vascular Anesthesia* 2015; **29**(6):1405-1407.
4. GOUSSARD P, GIE RP, JANSON JT, LE ROUX PJ, KLING S, ANDRONIKOU S, ROSSOUW GJ. Decompression of Enlarged Mediastinal Lymph Nodes Due to Mycobacterium Tuberculosis Causing Severe Airway Obstruction in Children. *Annals of Thoracic Surgery* 2015; **99**(4):1157-1163.
5. JENKINS L, GUNST C, BLITZ J, COETZEE JF. What keeps health professionals working in rural district hospitals in South Africa? *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #805, 5 pages.
6. LAIGHT NS, LEVIN AI. Transcardiopulmonary Thermodilution-Calibrated Arterial Waveform Analysis: A Primer for Anesthesiologists and Intensivists. *Journal of Cardiothoracic and Vascular Anesthesia* 2015; **29**(4):1051-1064.
7. VOSS M, COETZEE JF, CONRADIE HH, VAN SCHALKWYK SC. 'We have to flap our wings or fall to the ground': The experiences of medical students on a longitudinal integrated clinical model. *African Journal of Health Professions Education* 2015; **7**(1):119-124.

ANATOMICAL PATHOLOGY

Journal articles

1. AFROGHEH A, PELSER A, HILLE J, ATTWOOD R, LOOCK JW, SCHUBERT PT. Application of liquid-based Transepithelial Flexible Brush Cytology in the Detection of High-Grade Laryngeal Mucosal Lesions. *Diagnostic Cytopathology* 2015; **43**(1):21-27.
2. DE WET D, WRIGHT CA, SCHUBERT PT, KOEGELENBERG CFN, LOUW M, DIACON AH. Mediastinal Granulomatous Lymphadenitis in a Population at Risk for HIV and Tuberculosis. *Diagnostic Cytopathology* 2015; **43**(9):696-700.
3. DU TOIT JP, SCHNEIDER JW, VISSER WI, JORDAAN HF. The clinicopathological spectrum of trichoepitheliomas: a retrospective descriptive study. *International Journal of Dermatology* 2016; **55**(2):270-277.

4. GEERTS LTGM, ROSSOUW JN, VAN WYK AC, WRIGHT CA. Limitations of middle cerebral artery peak systolic velocity in the detection of severe anaemia: A case report. *South African Journal of Obstetrics and Gynaecology* 2015; **22**(2):44-45.
5. GOUSSARD P, GIE RP, ANDRONIKOU S, SCHUBERT PT. Rare cause of an anterior mediastinal mass causing airway compression in a young child. *BMJ Case Report* 2015; **2015**: bcr2014208281, 2 pages.
6. GRANT K, PIENAAR FM, BRUNDYN K, SWART G, GERICKE GJ, MYBURGH E, WRIGHT CA, APFFELSTAEDT JP, KOTZE MJ. Incorporating microarray assessment of HER2 status in clinical practice supports individualised therapy in early-stage breast cancer. *Breast* 2015; **24**(2):137-142.
7. KOTZE MJ, LUCKHOFF HK, BRAND T, PRETORIUS J, JANSE VAN RENSBURG S. Apolipoprotein E 3-4 as a genetic determinant of Alzheimer's disease heterogeneity. *Degenerative Neurological and Neuromuscular Disease* 2015; **5**:9-18.
8. KOTZE MJ, LUCKHOFF HK, PEETERS AV, BAATJES KJ, SCHOEMAN M, VAN DER MERWE L, GRANT K, FISHER LR, VAN DER MERWE N, PRETORIUS J, VAN VELDEN DP, MYBURGH E, PIENAAR FM, VAN RENSBURG SJ, YAKO YY, SEPTEMBER AV, MOREMI KE, TIFFIN N, BOUWENS CSH, BEZUIDENHOUT J, APFFELSTAEDT JP, HOUGH FS, ERASMUS RT, SCHNEIDER JW. Genomic medicine and risk prediction across the disease spectrum. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(3):120-137.
9. LUCKHOFF HK, BRAND T, VAN VELDEN DP, KIDD M, FISHER LR, JANSE VAN RENSBURG S, KOTZE MJ. Clinical Relevance of Apolipoprotein E Genotyping Based on a Family History of Alzheimer's disease. *Current Alzheimer Research* 2015; **12**:210-217.
10. MOSALLEUM E, MOHAMED N, BASSA FC, DREYER WP. Oral medicine case book 69: Burkitt lymphoma of the oral cavity. *South African Dental Journal (Journal of the Dental Association of South Africa)* 2015; **70**(4):168-170.
11. VAN TOORN R, DU PLESSIS A, SCHAAF HS, BUYS H, HEWLETT RH, SCHOEMAN JF. Clinicoradiologic Response of Neurologic Tuberculous Mass Lesions in Children Treated with Thalidomide. *Pediatric Infectious Disease Journal* 2015; **34**(2):214-218.
12. VAN VELDEN DP, REUTER H, KIDD M, MULLER FO. Non-allopathic adjuvant management of osteoarthritis by alkalisation of the diet. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-7.
13. VORSTER MJ, SCHUBERT PT, KOEGELENBERG CFN. The real value of endobronchial ultrasound. *SAMJ South African Medical Journal* 2015; **105**(10):876.
14. WOOD A, MENTZEL T, VAN GORP J, FLUCKE U, SCHNEIDER JW, CALONJE E, BRENN T. The spectrum of rare morphological variants of cutaneous epithelioid angiosarcoma. *Histopathology* 2015; **66**(6):856-863.
15. ZEMLIN A, IPP H, RENSBURG M, GERMISHUYS JJ, ESSER MM, JANSEN VAN VUUREN M, ERASMUS RT. Serum free light chains in patients with HIV infection: their association with markers of disease severity and antiretroviral use. *Journal of Clinical Pathology* 2015; **68**:148-153.

ANATOMY AND HISTOLOGY

Journal articles

1. DU TOIT DF, LONGO-MBENZA B, PAGE BJ, TCHOKONTE-NANA V. Efficiency of co-expression of transcription factors Pdx1, Ngn3, NeuroD and Pax6 with insulin: A statistical approach. *International Journal of Diabetes Mellitus* 2015; **3**:57-64.
2. KOTZE SH, MOLE C. Making large class basic histology lectures more interactive: The use of draw-along mapping techniques and associated educational activities. *Anatomical Sciences Education* 2015; **8**(5):463-470.

CARDIOTHORACIC SURGERY

Journal articles

1. GOUSSARD P, GIE RP, JANSON JT, LE ROUX PJ, KLING S, ANDRONIKOU S, ROSSOUW GJ. Decompression of Enlarged Mediastinal Lymph Nodes Due to Mycobacterium Tuberculosis Causing Severe Airway Obstruction in Children. *Annals of Thoracic Surgery* 2015; **99**(4):1157-1163.

CHEMICAL PATHOLOGY

Journal articles

1. ALI AT. Polycystic ovary syndrome and metabolic syndrome. *Ceska Gynekologie* 2015; **80**(4):279-289.
2. ALI AT, CHIRAMBO G, PENNY C, PAIKER JE, IKRAM F, PSARAS G, CROWTHER NJ. Ethnic differences in pre-adipocyte intracellular lipid accumulation and alkaline phosphatase activity. *Clinica Chimica Acta* 2015; **438**:382-387.
3. CHILIZA B, ASMAL L, OOSTHUIZEN PP, VAN NIEKERK E, ERASMUS RT, KIDD M, MALHOTRA A, EMSLEY RA. Changes in body mass and metabolic profiles in patients with first-episode schizophrenia treated for 12 months with a first-generation antipsychotic. *European Psychiatry* 2015; **30**(2):277-283.
4. COETZEE A, HOFFMANN M, ASCOTT-EVANS BH. The role of point-of-care blood testing for ketones in the diagnosis of diabetic ketoacidosis. *SAMJ South African Medical Journal* 2015; **105**(9):756-759.
5. DANAEI G, FAHIMI S, LU Y, ZHOU B, ERASMUS RT, ET AL. Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331 288 participants. *Lancet Diabetes & Endocrinology* 2015; **3**:624-637.
6. HOFFMANN M, VISSER WI, ASCOTT-EVANS BH, HOUGH FS. The prevalence and clinical significance of acanthosis nigricans in diabetic and non-diabetic women of mixed ancestry. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(2):87-91.
7. KIRAKA GN, KUNYIHA N, ERASMUS RT, OJWANG PJ. Family history as a risk for early-onset type 2 diabetes in Kenyan patients. *African Journal of Diabetes Medicine* 2014; **22**(2):15-17.

8. KOTZE MJ, LUCKHOFF HK, BRAND T, PRETORIUS J, JANSE VAN RENSBURG S. Apolipoprotein E 3-4 as a genetic determinant of Alzheimer's disease heterogeneity. *Degenerative Neurological and Neuromuscular Disease* 2015; **5**:9-18.
9. KOTZE MJ, LUCKHOFF HK, PEETERS AV, BAATJES KJ, SCHOEMAN M, VAN DER MERWE L, GRANT K, FISHER LR, VAN DER MERWE N, PRETORIUS J, VAN VELDEN DP, MYBURGH E, PIENAAR FM, VAN RENSBURG SJ, YAKO YY, SEPTEMBER AV, MOREMI KE, TIFFIN N, BOUWENS CSH, BEZUIDENHOUT J, APFFELSTAEDT JP, HOUGH FS, ERASMUS RT, SCHNEIDER JW. Genomic medicine and risk prediction across the disease spectrum. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(3):120-137.
10. LUCKHOFF HK, BRAND T, VAN VELDEN DP, KIDD M, FISHER LR, JANSE VAN RENSBURG S, KOTZE MJ. Clinical Relevance of Apolipoprotein E Genotyping Based on a Family History of Alzheimer's disease. *Current Alzheimer Research* 2015; **12**:210-217.
11. MASCONI KL, MATSHA T, ECHOUFFO-TCHEUGUI JB, ERASMUS RT, KENGNE A. Reporting and handling of missing data in predictive research for prevalent undiagnosed type 2 diabetes mellitus: a systematic review. *The EPMA Journal* 2015; **6**(7):1-11.
12. MASCONI KL, MATSHA T, ERASMUS RT, KENGNE A. Independent external validation and comparison of prevalent diabetes risk prediction models in a mixed-ancestry population of South Africa. *Diabetology & Metabolic Syndrome* 2015; **7**(42):1-10.
13. MOGUEO A, ECHOUFFO-TCHEUGUI JB, MATSHA T, ERASMUS RT, KENGNE A. Validation of two prediction models of undiagnosed chronic kidney disease in mixed-ancestry South Africans. *BMC Nephrology* 2015; **16**(94):1-14.
14. PHATLHANE D, ZEMLIN A. Severe hypercholesterolaemia mediated by lipoprotein X in a patient with cholestasis. *Annals of Hepatology* 2015; **14**(6):924-928.
15. SMIT I, ZEMLIN A, ERASMUS RT. Demand management: an audit of chemical pathology test rejections by an electronic gate-keeping system at an academic hospital in Cape Town. *Annals of Clinical Biochemistry* 2015; **52**(4):481-487.
16. YAKO YY, ECHOUFFO-TCHEUGUI JB, BALTI EV, MATSHA T, SOBNGWI E, ERASMUS RT, KENGNE A. Genetic association studies of obesity in Africa: a systematic review. *Obesity Reviews* 2015; **16**(3):259-272.
17. ZEMLIN A, IPP H, MALEKA S, ERASMUS RT. Serum protein electrophoresis patterns in human immunodeficiency virus-infected individuals not on antiretroviral treatment. *Annals of Clinical Biochemistry* 2015; **52**(3):346-351.
18. ZEMLIN A, IPP H, RENSBURG M, GERMISHUYS JJ, ESSER MM, JANSEN VAN VUUREN M, ERASMUS RT. Serum free light chains in patients with HIV infection: their association with markers of disease severity and antiretroviral use. *Journal of Clinical Pathology* 2015; **68**:148-153.
19. ZEMLIN A, MATSHA T, KENGNE A, ERASMUS RT. Derivation and validation of an HbA1c optimal cutoff for diagnosing prediabetes in a South African mixed ancestry population. *Clinica Chimica Acta* 2015; **448**:215-219.

CLINICAL PHARMACOLOGY

Journal articles

1. AWORTWE C, MANDA VK, AVONTO C, KHAN SI, KHAN IA, WALKER LA, BOUIC PJD, ROSENKRANZ B. In vitro evaluation of reversible and time-dependent inhibitory effects of *Kalanchoe crenata* on CYP2C19 and CYP3A4 activities. *Drug Metabolism Letters* 2015; **9**:48-62.
2. AWORTWE C, MANDA VK, AVONTO C, KHAN SI, KHAN IA, WALKER LA, BOUIC PJD, ROSENKRANZ B. *Echinacea purpurea* up-regulates CYP1A2, CYP3A4 and MDR1 gene expression by activation of pregnane X receptor pathway. *Xenobiotica* 2015; **45**(3):218-229.
3. DECLOEDT EH, ROSENKRANZ B, MAARTENS G, JOSKA JA. Central nervous system penetration of antiretroviral drugs: pharmacokinetic, pharmacodynamic and pharmacogenomic considerations. *Clinical Pharmacokinetics* 2015; **54**:581-598.
4. KERPEL-FRONIUS S, ROSENKRANZ B, ALLEN E, BASS R, MAINARD JD, DODOO A, DUBOIS DJ, HELA M, KERN S, MASSUD J, SILVA H, WHITTY J. Education and training for medicines development, regulation, and clinical research in emerging countries. *Frontiers in Pharmacology* 2015; **6**:1- Article 80, 8 pages.
5. ROSENKRANZ B, REID M, ALLEN E. Medicines development and regulation in Africa. *Journal of Medicines Development Sciences* 2015; **1**(2):33-36.
6. SY SKB, DE KOCK L, DIACON AH, WERELY CJ, XIA H, ROSENKRANZ B, VAN DER MERWE L, DONALD PR. N-Acetyltransferase genotypes and the pharmacokinetics and tolerability of para-aminosalicylic acid in patients with drug-resistant pulmonary tuberculosis. *Antimicrobial Agents and Chemotherapy* 2015; **59**(7):4129-4138.
7. SY SKB, MALMBERG R, MATSUSHIMA A, ASIN-PRIETO E, ROSENKRANZ B, COTTON MF, DERENDORF HARTMUT, INNES SEV. Effect of reducing the paediatric stavudine dose by half: A physiologically-based pharmacokinetic model. *International Journal of Antimicrobial Agents* 2015; **45**:413-419.
8. TICHA LA, KLAASEN JA, GREEN IR, NAIDOO S, BAKER B, PIETERSEN RD. Phytochemical and antimicrobial screening of flavanones and chalcones from *Galenia africana* and *Dicrothamnus rhinocerotis*. *Natural Product Communications* 2015; **10**(7):1185-1190.
9. YING Q, NAIDOO S, VAIVARS G. Function of titanium oxide coated on carbon nanotubes as support for platinum catalysts. *Physica Scripta* 2015; **90**:094021 (5pp).
10. YING Q, NAIDOO S, VAIVARS G. Investigation of activities for Pt-M bimetallic nanoparticles catalysts on the oxygen reduction reaction. *Ferroelectrics* 2015; **484**:101-107.

COMMUNITY HEALTH

Journal articles

1. ADETOKUNBOH OO, SCHOONEES A, BALOGUN TA, WIYSONGE CSU. Efficacy and safety of abacavir-containing combination antiretroviral therapy

- as first-line treatment of HIV infected children and adolescents: a systematic review and meta-analysis. *BMC Infectious Diseases* 2015; **15**(469):1-13.
3. AWOTIDEBE AW, INGLIS-JASSIEM G, YOUNG TN. Low-level laser therapy and exercise for patients with shoulder disorders in physiotherapy practice (a systematic review protocol). *Systematic Reviews* 2015; **4**: 60, 6 pages.
 4. AWOTIWON A, ODUWOLE O, SINHA A, OKWUNDU CI. Zinc supplementation for the treatment of measles in children. *Cochrane Database of Systematic Reviews* 2015; **3**: Art. No.: CD011177, 23 pages.
 5. BALOGUN TA, LOMBARD MJ, MCLACHLAN MH. The nutrient intake of children aged 12-36 months living in two communities in the Breede Valley, Western Cape Province, South Africa. *South African Family Practice* 2015; **57**(1):1-7.
 6. CHACHOU MJ, MUKINDA FK, MOTAZE NV, WIYSONGE CSU. Electronic and postal reminders for improving immunisation coverage in children: protocol for a systematic review and meta-analysis. *BMJ Open* 2015; **2015**(5):1-6.
 7. CHIVESE T, ESTERHUIZEN T, BASSON AR. The Influence of Second-Hand Cigarette Smoke Exposure during Childhood and Active Cigarette Smoking on Crohn's Disease Phenotype Defined by the Montreal Classification Scheme in a Western Cape Population, South Africa. *PLoS ONE* 2015; **10**(1371):1-12.
 8. DAVIDS MR, HALPERIN ML, CHIKTE UME. Optimising cognitive load and usability to improve the impact of e-learning in medical education. *African Journal of Health Professions Education* 2015; **7**(2):147-152.
 9. DAVIDS MR, HARVEY J, HALPERIN ML, CHIKTE UME. Determining the number of participants needed for the usability evaluation of e-learning resources: A Monte Carlo simulation. *British Journal of Educational Technology* 2015; **46**(5):1051-1055.
 10. DRAMOWSKI A, MARAIS F, GOLIATH C, MEHTAR S. Impact of a quality improvement project to strengthen infection prevention and control training at rural healthcare facilities. *African Journal of Health Professions Education* 2015; **7**(1):73-75.
 11. DRAMOWSKI A, MARAIS F, WILLEMS B, MEHTAR S. Does undergraduate teaching of infection prevention and control adequately equip graduates for medical practice? *African Journal of Health Professions Education* 2015; **7**(1):105-110.
 12. DUDLEY LD, YOUNG TN, ROHWER AC, WILLEMS B, DRAMOWSKI A, GOLIATH C, MUKINDA FK, MARAIS F, MEHTAR S, CAMERON NA. Fit for purpose? A review of a medical curriculum and its contribution to strengthening health systems in South Africa. *African Journal of Health Professions Education* 2015; **7**(1):81-85.
 13. DYERS RE, MASH R, NALEDI T. How far does family physician supply correlate with district health system performance? *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #796, 9 pages.
 14. ENARSON PM, GIE RP, MWANSAMBO CC, CHALIRA AE, LUFESI NN, MAGANGA ER, ENARSON DA, CAMERON NA, GRAHAM SM. Potentially Modifiable Factors Associated with Death of Infants and Children with Severe Pneumonia Routinely Managed in District Hospitals in Malawi. *PLoS ONE* 2015; **10**(8): e0133365, 13 pages.
 15. GOLIATH C, MUKINDA FK, DUDLEY LD. Capacity-building needs assessment of rural health managers: The what and the how ... *African Journal of Health Professions Education* 2015; **7**(1):92-97.

16. HOBKIRK AL, WATT MH, GREEN KT, BECKHAM JC, SKINNER DH, MEADE CS. Mediators of interpersonal violence and drug addiction severity among methamphetamine users in Cape Town, South Africa. *Addictive Behaviors* 2015; **42**(10.1016):167-171.
17. IRUSEN PH, ROHWER AC, STEYN DW, YOUNG TN. Treatments for breast abscesses in breastfeeding women. *Cochrane Database of Systematic Reviews* 2015; **8**: Art. No.: CD 010490, 56 pages.
18. KARINJA MN, ESTERHUIZEN T, FRIEDRICH SO, DIACON AH. Sputum volume predicts sputum mycobacterial load during first 2 weeks of antituberculosis treatment. *Journal of Clinical Microbiology* 2015; **53**(4):1087-1091.
19. KASHANGURA R, SENA ES, YOUNG TN, GARNER P. Effects of MVA85A vaccine on tuberculosis challenge in animals: systematic review. *International Journal of Epidemiology* 2015; **44**(6): 1970-1981.
20. KUMURENZI A, GOLIATH C, MJI G, MLENZANA N, JOSEPH C, STATHAM SB, RHODA A. Experiences of patients and service providers with out-patient rehabilitation services in a rehabilitation centre in the Western Cape Province. *African Journal of Disability* 2015; **4**(1): Art. # 64, 7 pages.
21. LUNGENI L, MBEYE N, ADENIYI FB, WIYSONGE CSU. Protocol for a systematic review of the effects of interventions to inform or educate caregivers about childhood vaccination in low and middle-income countries. *BMJ Open* 2015; **2015**(5):1-4.
22. MACHEKANO R, YOUNG TN, RUSAKANIKO S, MUSONDA P, SARTORIUS B, TODD J, FEGAN G, THABANE L, CHIKTE UME. The Africa Center for Biostatistical Excellence: a proposal for enhancing biostatistics capacity for sub-Saharan Africa. *Statistics in Medicine* 2015; **34**(27):3481-3489.
23. MAPURETI P, CHOLA L, SKINNER DH. Factors associated with mothers' decisions on male neonatal circumcision in Swaziland. *African Journal of Aids Research (AJAR)* 2015; **14**(2):127-135.
24. MEADE CS, TOWE SL, WATT MH, LION RR, MYERS B, SKINNER DH, KIMANI S, PASS DO. Addiction and treatment experiences among active methamphetamine users recruited from a township community in Cape Town, South Africa: A mixed-methods study. *Drug and Alcohol Dependence* 2015; **152**:79-86.
25. MUDZIKATI L, DRAMOWSKI A. Neonatal septicaemia: prevalence and antimicrobial susceptibility patterns of common pathogens at Princess Marina Hospital, Botswana. *Southern African Journal of Infectious Diseases (Formerly Southern African Journal of Epidemiology and Infection)* 2015; **30**(3):96-101.
26. MUKINDA FK, GOLIATH C, WILLEMS B, ZUNZA M, DUDLEY LD. Equipping medical graduates to address health systems challenges in South Africa: An expressed need for curriculum change. *African Journal of Health Professions Education* 2015; **7**(1):86-91.
27. NAUDE CE, ZANI B, ONGOLO-ZOGO P, WIYSONGE CSU, DUDLEY LD, KREDO T, GARNER P, YOUNG TN. Research evidence and policy: qualitative study in selected provinces in South Africa and Cameroon. *Implementation Science* 2015; **10**:1-10.
28. NKHATA LA, ESTERHUIZEN T, SIZIYA S, PHIRI PDC, MUNALULA-NKANDU E, SHULA H. The Prevalence and Perceived Contribution Factors for Work-Related Musculoskeletal Disorders among Nurses at the University Teaching Hospital in Lusaka, Zambia. *Science Journal of Public Health* 2015; **3**(4):508-513.

29. RABIE H, FRIGATI LJ, HESSELING AC, GARCIA-PRATS AJ. Tuberculosis: opportunities and challenges for the 90–90–90 targets in HIV-infected children. *Journal of the International Aids Society* 2015; **18**(6):35-45.
30. ROHWER AC, WILLEMS B, YOUNG TN. Taking stock of evidence-based healthcare in the undergraduate medical curriculum at Stellenbosch University: Combining a review of curriculum documents and input from recent graduates. *African Journal of Health Professions Education* 2015; **7**(1):98-104.
31. SCHNEIDER H, SCHAAY N, DUDLEY LD, GOLIATH C, QUKULA T. The challenges of reshaping disease specific and care oriented community based services towards comprehensive goals: a situation appraisal in the Western Cape Province, South Africa. *BMC Health Services Research* 2015; **15**(436):1-11.
32. SIVEREGI A, DUDLEY LD, MAKUMUCHA C, DLAMINI P, MOYO S, BHEMBE S. Does counselling improve uptake of long-term and permanent contraceptive methods in a high HIV-prevalence setting. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #779, 9 pages.
33. TABANA H, NKONKI L, HONGORO C, DOHERTY T, EKSTROM A M, NAIK R, ZEMBE-MKABILE W, JACKSON D, THORSON A. A Cost-Effectiveness Analysis of a Home-Based HIV Counselling and Testing Intervention versus the Standard (Facility Based) HIV Testing Strategy in Rural South Africa. *PLoS ONE* 2015; **10**(8): e0135048, 13 pages.
34. THEE S, GARCIA-PRATS AJ, DRAPER HR, MCILLERON H, WIESNER L, CASTEL S, SCHAAF HS, HESSELING AC. Pharmacokinetics and safety of moxifloxacin in children with multidrug-resistant tuberculosis. *Clinical Infectious Diseases* 2015; **60**(4):549-556.
35. TURAWA EB, MUSEKIWA A, ROHWER AC. Interventions for preventing postpartum constipation (Protocol). *Cochrane Database of Systematic Reviews* 2015; **3**:1-10.
36. TURAWA EB, MUSEKIWA A, ROHWER AC. Interventions for preventing postpartum constipation. *Cochrane Database of Systematic Reviews* 2015; **9**: Art. No.: CD011625, 43 pages.
37. USENBO AO, KRAMER V, YOUNG TN, MUSEKIWA A. Prevalence of Arthritis in Africa: A Systematic Review and Meta-Analysis. *PLoS ONE* 2015; **10**(8):1-19.
38. VAN DER WESTHUIZEN H, KOTZE JCB, NAROTAM H, VON DELFT A, WILLEMS B, DRAMOWSKI A. Knowledge, attitudes and practices regarding TB infection control among health science students in a TB-endemic setting. *International Journal of Infection Control* 2015; **11**(4):1-7.
39. VAN WIJK CH, MEINTJES WAJ. International HIV Dementia Scale: screening for HIV-associated neurocognitive disorders in occupational settings. *Occupational Health Southern Africa* 2015; **21**(4):10-16.
40. VAN WIJK CH, MEINTJES WAJ. Grooved Pegboard for adult employed South Africans: normative data and human immunodeficiency virus associations. *South African Journal of Psychology* 2015; **1**(15):1-15.
41. VAN WIJK CH, MEINTJES WAJ. Grooved Pegboard for adult employed South Africans: socio-demographic influences. *South African Journal of Psychology* 2015; **45**(4):536-550.
42. VELLOZA J, WATT MH, CHOI KW, ABLER L, KALICHMAN SC, SKINNER DH, PASS DO, SIKKEMA KJ. HIV/AIDS-related stigma in South Africa alcohol-serving venues and its potential impact on HIV disclosure, testing and treatment-seeking behaviours. *Global Public Health* 2015; **10**(9):1092-1106.

43. VON DELFT A, DRAMOWSKI A, KHOSA C, KOTZE K, LEDERER P, MOSIDI T, PETERS JA, SMITH J, VAN DER WESTHUIZEN H, VON DELFT D, WILLEMS B, BATES M, CRAIG G, MAEURER M, MARAIS BJ, MWABA P, NUNES EA, NYIRENDA T, OLIVER M, ZUMLA A. Why healthcare workers are sick of TB. *International Journal of Infectious Diseases* 2015; **32**(10.1016):147-151.
44. VOSS M, COETZEE JF, CONRADIE HH, VAN SCHALKWYK SC. 'We have to flap our wings or fall to the ground': The experiences of medical students on a longitudinal integrated clinical model. *African Journal of Health Professions Education* 2015; **7**(1):119-124.
45. ZEMLIN A, IPP H, RENSBURG M, GERMISHUYS JJ, ESSER MM, JANSEN VAN VUUREN M, ERASMUS RT. Serum free light chains in patients with HIV infection: their association with markers of disease severity and antiretroviral use. *Journal of Clinical Pathology* 2015; **68**:148-153.

DERMATOLOGY

Journal articles

1. DU TOIT JP, SCHNEIDER JW, VISSER WI, JORDAAN HF. The clinicopathological spectrum of trichoepitheliomas: a retrospective descriptive study. *International Journal of Dermatology* 2016; **55**(2):270-277.
2. HOFFMANN M, VISSER WI, ASCOTT-EVANS BH, HOUGH FS. The prevalence and clinical significance of acanthosis nigricans in diabetic and non-diabetic women of mixed ancestry. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(2):87-91.
3. WEBB K, HLELA C, JORDAAN HF, SULIMAN S, SCRIBA T, LIPSKER D, SCOTT C. A review and proposed approach to the neutrophilic dermatoses of childhood. *Pediatric Dermatology* 2015; **32**(4):437-446.

EMERGENCY MEDICINE

Journal articles

1. MCCAUL MG, LOURENS A, KREDO T. Cochrane corner: prehospital versus in-hospital thrombolysis for ST-elevation myocardial infarction. *Heart* 2015; **101**:1857-1858.

FAMILY MEDICINE AND PRIMARY CARE

Journal articles

1. BEUTEL BG, JENKINS L. Preventing venous thromboembolism at a district hospital: a quality improvement study. *South African Family Practice* 2015; **57**(2):64-68.
2. BOOYSEN BL, SCHLEMMER AC. Reasons for diabetes patients attending Bishop Lavis Community Health Centre being non-adherent to diabetes care. *South African Family Practice* 2015; **57**(3):166-171.

3. CHINKOYO E, PATHER M. Erectile function in circumcised and uncircumcised men in Lusaka, Zambia: a cross-sectional study. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #766, 7 pages.
4. DYERS RE, MASH R, NALEDI T. How far does family physician supply correlate with district health system performance? *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #796, 9 pages.
5. ESSEL V, VAN VUUREN U, DE SA A, GOVENDER SC, MURIE K, SCHLEMMER AC, GUNST C, NAMANE M, BOULLE A, DE VRIES E. Auditing chronic disease care: Does it make a difference? *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #753, 7 pages.
6. FALLALA MS, MASH R. Cervical cancer screening: Safety, acceptability, and feasibility of a single-visit approach in Bulawayo, Zimbabwe. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #742, 7 pages.
7. JENKINS L, GUNST C, BLITZ J, COETZEE JF. What keeps health professionals working in rural district hospitals in South Africa? (Conference Report). *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #805, 5 pages.
8. KRUGER A, BEZUIDENHOUT CJ. Factors influencing female doctors' career decisions at Tshwane District Hospital, Pretoria. *South African Family Practice* 2015; **57**(1):12-17.
9. LALKHEN H, MASH R. Multimorbidity in non-communicable diseases in South African primary healthcare. *SAMJ South African Medical Journal* 2015; **105**(2):134-138.
10. LUCKHOFF HK, BRAND T, VAN VELDEN DP, KIDD M, FISHER LR, JANSE VAN RENSBURG S, KOTZE MJ. Clinical Relevance of Apolipoprotein E Genotyping Based on a Family History of Alzheimer's Disease. *Current Alzheimer Research* 2015; **12**:210-217.
11. MALAN JE, COOKE R, MASH R. The self-reported learning needs of primary care doctors in South Africa: a descriptive survey. *South African Family Practice* 2015; **57**(1):35-43.
12. MALAN JE, MASH R, EVERETT-MURPHY K. Development of training programme for primary care providers to counsel patients with risky lifestyle behaviours in South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #819, 8 pages.
13. MALAN JE, MASH R, EVERETT-MURPHY K. Qualitative evaluation of primary care provider's experiences of a training programme to offer brief behaviour change counselling on risk factors for non-communicable diseases in South Africa. *BMC Family Practice* 2015; **16**: 101, 10 pages.
14. MALAN JE, MASH R, EVERETT-MURPHY K. A situational analysis of training for behaviour change counselling for primary care providers, South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #731, 10 pages.
15. MASH R. South Africa: A 20-year struggle for primary health care. *British Journal of General Practice* 2015; **65**(635):308-309.
16. MASH R, ALMEIDA M, WONG CW, KUMAR R, VON PRESSENTIN KB. The roles and training of primary care doctors: China, India, Brazil and South Africa. *Human Resources for Health* 2015; **13**(93): 93, 9 pages.
17. MASH R, KROUKAMP R, GAZIANO T, LEVITT N. Cost-effectiveness of a diabetes group education program delivered by health promoters with a guiding style in underserved communities in Cape Town, South Africa. *Patient Education and Counselling* 2015; **98**:622-626.

18. MASH R, OGUNBANJO GA, NAIDOO SS, HELLENBERG D. The contribution of family physicians to district health services: a national position paper for South Africa. (Forum). *South African Family Practice* 2015; **57**(3):54-61.
19. MDALA JF, MASH R. Causes of mortality and associated modifiable health care of factors for children (<5 years) admitted at Onandjokwe Hospital, Namibia. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #840, 8 pages.
20. MGORI NK, MASH R. HIV and/or AIDS-related deaths and modifiable risk factors: A descriptive study of medical admissions at Oshakati Intermediate Hospital in Northern Namibia. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #883, 7 pages.
21. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation Clinics: International* 2015; **2**(7):1-7.
22. NKOMAZANA O, MASH R, PHALADZE N. Understanding the organisational culture of district health services: Mahalapye and Ngamiland health districts of Botswana. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #907, 9 pages.
23. NKOMAZANA O, MASH R, SHAIUB S, PHALADZE N. Stakeholders' perceptions of shortage of healthcare workers in primary healthcare in Botswana: Focus Group Discussions. *PLoS ONE* 2015; **10**(8): e0135846, 15 pages.
24. OGUNDIPE RM, MASH R. Development of Family Medicine training in Botswana: View of key stakeholders in Ngamiland. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #865, 9 pages.
25. RAUBENHEIMER L, JENKINS L. An evaluation of factors underlying suicide attempts in patients presenting at George Hospital emergency centre. *South African Family Practice* 2015; **57**(2):93-99.
26. RHODE HWJ, MASH R. The effect of an automated integrated management of childhood illness guideline on the training of professional nurses in the Western Cape, South Africa. *South African Family Practice* 2015; **57**(2):100-105.
27. SCHAEFER RI, JENKINS L. Reflections on the illness experience of a family physician. *South African Family Practice* 2015; **56**(6):324-325.
28. SCHOEVERS J, JENKINS L. Factors influencing specialist outreach and support services to rural populations in the Eden and Central Karoo districts of the Western Cape. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #750, 9 pages.
29. SNYMAN ISDW, VON PRESSENTIN KB, CLARKE M. International Classification of Functioning disability and Health: catalyst for interprofessional education and collaborative practice. *Journal of Interprofessional Care* 2015; **29**(4): 313-319.
30. VAN SCHALKWYK SC, BEZUIDENHOUT J, DE VILLIERS MR. Understanding rural clinical learning spaces: Being and becoming a doctor. *Medical Teacher* 2015; **37**:589-594.
31. VAN SCHALKWYK SC, KOK NJ, CONRADIE HH, VAN HEERDEN BB. Academic achievement of final-year medical students on a rural clinical platform: Can we dispel the myths? *African Journal of Health Professions Education* 2015; **7**(1):115-118.

32. VISAGIE SJ, MLAMBO T, VAN DER VEEN J, NHUNZVI C, TIGERE D, SCHEFFLER ES. Is any wheelchair better than no wheelchair? A Zimbabwean perspective. *African Journal of Disability* 2015; 4(1):1-10.
33. VON PRESSENTIN KB, HOEDEBECKE K, PINHO-COSTA L. South Africa has joined a global initiative for Family Medicine advocacy. *South African Family Practice* 2016; 58(1): 28-29.
34. VOSS M, COETZEE JF, CONRADIE HH, VAN SCHALKWYK SC. 'We have to flap our wings or fall to the ground': The experiences of medical students on a longitudinal integrated clinical model. *African Journal of Health Professions Education* 2015; 7(1):119-124.
35. WHITESMAN S, MASH R. Examining the effects of a mindfulness-based professional training module on mindfulness, perceived stress, self-compassion and self-determination. *African Journal of Health Professions Education* 2015; 7(2):220-223.
36. WOOD RT, VILJOEN VL, VAN DER MERWE LH, MASH R. Quality of care for patients with non-communicable diseases in the Dedza District, Malawi. *African Journal of Primary Health Care & Family Medicine* 2015; 7(1): Art. #838, 8 pages.

Chapters in Books

1. BLITZ J. Chapter 149: How to assess family function. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 488-489.
2. BLITZ J. Chapter 75: How to do an endometrial biopsy. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 267-268.
3. BLITZ J. Chapter 150: How to hold a family conference. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 490-492.
4. BLITZ J. Chapter 64: How to repair a third-degree tear. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 244-244.
5. BLITZ J. Chapter 88: How to measure the Glasgow Coma Scale. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 304-305.
6. BLITZ J. Chapter 140: How to decontaminate anaesthetic equipment. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 459-461.
7. BLITZ J. Chapter 60: How to conduct a normal vaginal delivery. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 230-231.
8. BLITZ J. Chapter 91: How to calculate the percentage of burn. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 313-313.
9. BLITZ J. Chapter 74: How to treat a Bartholin's cyst or abscess. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 265-266.
10. BLITZ J. Chapter 148: How to assess family structure and resources. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: 486-487.

11. BLITZ J. Chapter 165: How to take on leadership roles and initiate teamwork. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 562-569.
12. BLITZ J. Chapter 93: Algorithms for emergencies. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 315-318.
13. BOTES AS. Chapter 136: How to administer and reverse muscle relaxants. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 447-449.
14. DE VILLIERS MR, VAN SCHALKWYK SC. Chapter 177: How to facilitate small-group learning. In: Mash R, Blitz J (eds.) South African Family Practice Manual; 3rd Edition, Van Schaik, Pretoria, South Africa, 2015: 603-605.
15. BOTES AS. Chapter 134: How to monitor a patient during anaesthesia. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 447-449.
16. DE VILLIERS MR. Chapter 174: How to plan and implement a teaching activity or a continuing professional development meeting. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 594-596.
17. JENKINS L. Chapter 175: How to use a portfolio of learning. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 597-599.
18. KAPP P. Chapter 114: How to reduce dislocations of the shoulder, elbow and hip. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 371-375.
19. KAPP P. Chapter 113: How to do closed reduction of common limb fractures. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 367-370.
20. KAPP P. Chapter 115: How to aspirate or excise ganglia. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 376-377.
21. KAPP P. Chapter 111: How to apply plaster casts and splints. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 360-362.
22. KAPP P. Chapter 112: How to apply traction. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 363-366.
23. KLOCKE VMB. Chapter 129: How to do a pre-anaesthetic assessment. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 422-425.
24. KLOCKE VMB, LALKHEN H. Chapter 132: How to administer general anaesthesia. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 433-436.
25. LOMAS V. Chapter 137: How to administer regional anaesthesia and local blocks. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, South Africa, 2015: 450-452.
26. LOMAS V. Chapter 78: How to intubate a patient and manage the airway. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 280-283.

27. LOMAS V. Chapter 138: How to administer a spinal anaesthetic. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 453-455.
28. LOMAS V. Chapter 131: How to check the anaesthetic machine. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 429-432.
29. LOMAS V. Chapter 139: How to administer procedural sedation and analgesia. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 456-458.
30. MASH R. Chapter 146: How to work with an interpreter. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 481-482.
31. MASH R. Chapter 19: How to perform a brief appropriate neurological examination. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 78-81.
32. MASH R. Chapter 170: How to write a research proposal. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 580-583.
33. MASH R. Chapter 143: How to do brief behaviour change counselling. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 470-475.
34. MASH R. Chapter 52: How to screen for mental problems. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 201-207.
35. MASH R. Chapter 141: How to communicate effectively in the consultation. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 464-466.
36. MASH R. Chapter 110: How to interpret radiographs of arthritic joints. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 358-359.
37. MASH R. Chapter 164: How to audit or improve the quality of your service. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 558-561.
38. MASH R. Chapter 51: How to do a mini mental-state examination. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 198-200.
39. MASH R. Chapter 105: How to examine and assess low back pain. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 347-350.
40. MASH R. Chapter 21: How to examine the feet of patients with diabetes. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 85-85.
41. MASH R. Chapter 27: How to use a peak expiratory flow meter. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 120-122.
42. MASH R. Chapter 25: How to use inhalers and spacers. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 115-116.

43. MASH R. Chapter 53: How to screen for an alcohol drinking problem. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 208-210.
44. MASH R. Chapter 176: How to mentor a colleague. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 168-169.
45. MASH R. Chapter 100: How to do a rapid musculo-skeletal screening examination. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 336-337.
46. MASH R. Chapter 145: How to develop a counselling style. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 478-480.
47. MASH R. Chapter 144: How to break bad news. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 476-477.
48. MASH R. Chapter 46: How to excise a sebaceous cyst. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 177-178.
49. MASH R. Chapter 48: How to remove an ingrowing toenail. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 183-184.
50. PATHER M. Chapter 172: How to develop clinical guidelines. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 586-589.
51. ROSSOUW L, LOMAS V. Chapter 135: How to monitor a patient recovering from anaesthesia. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 443-446.
52. SCHOEVEERS J. Chapter 95: How to transport a critically ill patient from primary to secondary care. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 321-323.
53. SERFONTEIN S. Chapter 133: How to do inhalational induction. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 437-438.
54. VAN VELDEN DP. Chapter 109: How to assess an injured ankle. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 355-357.
55. VILJOEN W. Chapter 166: How to organise and run morbidity and mortality meetings. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 570-571.
56. VILJOEN W. Chapter 70: How to do a medical termination of pregnancy. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 256-257.
57. VILJOEN W. Chapter 163: How to assess drunk driving and the responsibilities of the doctor. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 552-555.
58. VON PRESSENTIN KB. Chapter 178: How to prepare a presentation. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: 606-609.

FORENSIC MEDICINE

Journal articles

1. BURGER EH, GROENEWALD P, ROSSOUW A, BRADSHAW D. Medical certification of death in South Africa moving forward. *SAMJ South African Medical Journal* 2015; **105**(1):27-30.
2. HERBST CI, TIEMENSMA M, WADEE SA. A 10-year review of fatal community assault cases at a regional forensic pathology facility in Cape Town, South Africa. *SAMJ South African Medical Journal* 2015; **105**(10):848-852.

HAEMATOLOGICAL PATHOLOGY

Journal articles

1. ABAYOMI EA, GREWAL RK, SWANEPOEL CC, CUCUIANU A, POP B, TOMULEASA C, DIMA D, PETRUSHEV B, BERINDAN-NEAGOE I. The role of microRNAs in the pathogenesis of HIV-related lymphomas. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(5):232-241.
2. DE VRIES J, TINDANA P, LITTLER K, RAMSAY M, ROTIMI C, ABAYOMI AE, MULDER N, MAYOSI BM. The H3Africa policy framework: negotiating fairness in genomics. *Trends in Genetics* 2015; **31**(3):117-119.
3. NKAMBULE BB, DAVISON G M, IPP H. The evaluation of platelet indices and markers of inflammation, coagulation and disease progression in treatment-naive, asymptomatic HIV-infected individuals. *International Journal of Laboratory Hematology* 2015; **37**:450-458.
4. ROTIMI C, ABAYOMI AE, ABIMIKU A, ADABAYERI V M, ADEBAMOWO C, ADEMOLA A, ADEYEMO A, SWANEPOEL CC, GREWAL RK, VAN ROOYEN BA, ET AL. Enabling the genomic revolution in Africa: H3Africa is developing capacity for health-related genomics research in Africa. *Science* 2014; **344**(6190):1346-1348.
5. SISSOLAK G, BADENHORST PJ, STEENKAMP J, HEANEY M, LOUW VJ, SCHNUGH D, WILLEM P. Treatment outcomes in CML patients treated with Tyrosine Kinase inhibitors at a Tertiary Teaching Hospital in South Africa. *Clinical Lymphoma Myeloma & Leukemia* 2015; **15**(12):803-810.
6. SWANEPOEL CC, SNYDERS CI, ISAACS S, ABAYOMI EA, GREWAL RK. Biomarker discovery for diagnosis and treatment of tuberculosis: a role for biobanking? *Journal of Biorepository Science for Applied Medicine* 2015; **3**:47-56.
7. ZEMLIN A, IPP H, MALEKA S, ERASMUS RT. Serum protein electrophoresis patterns in human immunodeficiency virus-infected individuals not on antiretroviral treatment. *Annals of Clinical Biochemistry* 2015; **52**(3):346-351.
8. ZEMLIN A, IPP H, RENSBURG M, GERMISHUYS JJ, ESSER MM, JANSEN VAN VUUREN M, ERASMUS RT. Serum free light chains in patients with HIV infection: their association with markers of disease severity and antiretroviral use. *Journal of Clinical Pathology* 2015; **68**:148-153.

Chapters in Books

1. ABAYOMI EA, CARBONE A, GREWAL RK, PANTANOWITZ L. Microenvironment in HIV-related lymphomas. In: Carbone A, Younes A (eds.) *Hodgkin and Non-Hodgkin Lymphomas Seen Through Their*

Microenvironment: Impact on Diagnosis, Prognosis and Innovative Therapy, Volume 2, Future Medicine Ltd, Italy, 2015: 132-150.

HUMAN NUTRITION

Journal articles

1. BALOGUN TA, LOMBARD MJ, MCLACHLAN MH. The nutrient intake of children aged 12-36 months living in two communities in the Breede Valley, Western Cape Province, South Africa. *South African Family Practice* 2015; **57**(1):1-7.
2. BLAAUW R. Case study: Pancreas cancer with Whipple's operation. *South African Journal of Clinical Nutrition* 2015; **28**(2):92-96.
3. BLAAUW R. Editorial: Should early enteral nutrition be used in the trauma intensive care unit? *South African Journal of Clinical Nutrition* 2015; **28**(2):60-61.
4. CHILIZA B, ASMAL L, OOSTHUIZEN PP, VAN NIEKERK E, ERASMUS RT, KIDD M, MALHOTRA A, EMSLEY RA. Changes in body mass and metabolic profiles in patients with first-episode schizophrenia treated for 12 months with a first-generation antipsychotic. *European Psychiatry* 2015; **30**(2):277-283.
5. DU PLESSIS LM. Editorial: Lets work together to make breastfeeding work! *South African Journal of Clinical Nutrition* 2015; **28**(3):103-104.
6. HANSEN T, VAN NIEKERK CH, HERSELMAN MG, DU PLESSIS LM, DANIELS LC, BEZUIDENHOUT T, TRUTER L, IVERSEN PO. Evaluation of selected aspects of the Nutrition Therapeutic Programme offered to HIV-positive women of child-bearing age in Western Cape Province, South Africa. *Southern African Journal of HIV Medicine* 2015; **16**(1):1-5.
7. IVERSEN PO, RENDAL KT, EIDE WB, MARAIS ML. The role of grandmothers as the primary caregivers in poor households and their own right to adequate food: Examining two communities in the Breede Valley, Western Cape Province, South Africa. *East African Journal of Peace and Human Rights* 2015; **20**(2):414-436.
8. KLOPPERS M, KOORNHOF HE, BESTER J, BARDIEN F. Students' experiences of inter-professional education through International Classification of Functioning-based activities at a community based rehabilitation centre. *African Journal of Health Professions Education* 2015; **7**(1):22-25.
9. MANDIWANA TC, MBHENYANE XG, MUSHAPHI LF, MABAPA NS. Knowledge and practices of pre-school teachers on growth monitoring program - South Africa. *Health Promotion International* 2015; **30**(1):50-55.
10. M'KAIBI FK, STEYN N, OCHOLA S, DU PLESSIS LM. Effects of agricultural biodiversity and seasonal rain on dietary adequacy and household food security in rural areas of Kenya. *BMC Public Health* 2015; **15**:422, 11 pages.
11. MOTADI SA, MBHENYANE XG, MBHATSANI HV, MABAPA NS, MAMABOLO RL. Prevalence of iron and zinc deficiencies among preschool children ages 3 to 5 y in Vhembe district, Limpopo province, South Africa. *Nutrition* 2015; **31**(3):452-458.
12. MUSHAPHI LF, DANNHAUSER A, WALSH CM, MBHENYANE XG, VAN ROOYEN FC. Effect of a nutrition education programme on nutritional status of children aged 3 - 5 years in Limpopo Province, South Africa. *South African Journal of Child Health* 2015; **9**(3):98-102.

13. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation Clinics: International* 2015; **2**(7):1-7.
14. POTGIETER S. Editorial: Wellness as a Virtue: Are Health Sciences Students Practicing what they preach? *South African Journal of Clinical Nutrition* 2015; **28**(4):152-153.
15. RAUSCH U, LABUSCHAGNE IL, LOMBARD MJ. Development of a diabetes mellitus nutritional management manual for South African healthcare professionals. *South African Family Practice* 2015; **56**(6):320-323.
16. SLEGTENHORST S, VISSER J, BURKE A, MEYER R. Antioxidant intake in paediatric oncology patients. *Clinical Nutrition* 2015; **34**:1210-1214.
17. VAN DER MERWE S, DU PLESSIS LM, JOOSTE H, NEL DG. Comparison of infant-feeding practices in two health subdistricts with different baby-friendly status in Mpumalanga province. *South African Journal of Clinical Nutrition* 2015; **28**(3):121-127.
18. VAN NIEKERK E, NEL DG, BLAAUW R, KIRSTEN GF. Probiotics Reduce Necrotizing Enterocolitis Severity in HIV-exposed Premature Infants. *Journal of Tropical Pediatrics* 2015; **155**(164):61-3.
19. VAN STRUIJVENBERG ME, NEL J, SCHOEMAN SE, LOMBARD CJ, DU PLESSIS LM, DHANSAY MA. Low intake of calcium and vitamin D, but not zinc, iron or vitamin A, is associated with stunting in 2- to 5-year-old children. *Nutrition* 2015; **31**:841-846.

Chapters in Books

1. MCLACHLAN MH, HAMANN R, SAYERS V, KELLY CF, DRIMIE SE. Fostering Innovation for sustainable food security – The Southern Africa Food Lab. In: Bitzer V, Hamann R, Hall M, Griffin-EL EW (eds.) *The Business of Social and Environmental Innovation: New frontiers in Africa*, UCT Press, Cape Town, South Africa, 2015: 163-181.

INTERNAL MEDICINE

Journal articles

1. ALLWOOD BW, CALLIGARO G. Pathogenesis of chronic obstructive pulmonary disease: An African perspective. *SAMJ South African Medical Journal* 2015; **105**(9):1-4.
2. ALLWOOD BW, GOLDIN J, SAID-HARTLEY Q, VAN ZYL-SMIT RN, CALLIGARO G, ESMAIL A, BEYERS N, BATEMAN ED. Assessment of previous tuberculosis status using questionnaires, chest X-rays and computed tomography scans. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(12):1435-1440.
3. ALLWOOD BW, VAN ZYL-SMIT RN. Chronic obstructive pulmonary disease in South Africa: Under-recognised and undertreated. *SAMJ South African Medical Journal* 2015; **105**(9):785.
4. ANDERSSON MI, PREISER W, VAN RENSBURG C, TALJAARD JJ, HOFFMANN CJ. The HIV/HBV co-infected patient: Time for proactive management. *SAMJ South African Medical Journal* 2015; **105**(4):281-282.

5. BARNARD DA, IRUSEN EM, BRUWER J, PLEKKER D, WHITELOW AC, DEETLEFS JD, KOEGELENBERG CFN. The utility of Xpert MTB/RIF performed on bronchial washings obtained in patients with suspected pulmonary tuberculosis in a high prevalence setting. *BMC Pulmonary Medicine* 2015; **15**:103, 5 pages.
6. BOTHA PR, KOEGELENBERG CFN. Risk factors for tuberculosis in patients receiving tumour necrosis factor- α blockers: What do we really know? *Respiration* 2015; **90**(3):185-186.
7. CHOTHIA M, DAVIDS MR. Encapsulating peritoneal sclerosis presenting with haemorrhagic ascites after transfer from peritoneal dialysis to haemodialysis. *African Journal of Nephrology* 2015; **18**(1):23-25.
8. COCKBURN IL, FERRIS WF. Pancreatic islet regeneration: Therapeutic potential, unknowns and controversy. *South African Journal of Science* 2015; **111**(7/8):1-5.
9. COETZEE A, ASCOTT-EVANS BH. Non alcoholic fatty liver disease. *South African Journal of Diabetes* 2015; **8**(2):15-17.
10. COETZEE A, ASCOTT-EVANS BH. Gastrointestinal problems in diabetes. *South African Journal of Diabetes* 2015; **8**(1):21-24.
11. COETZEE A, HOFFMANN M, ASCOTT-EVANS BH. The role of point-of-care blood testing for ketones in the diagnosis of diabetic ketoacidosis. *SAMJ South African Medical Journal* 2015; **105**(9):756-759.
12. CONRADIE M, CONRADIE MM, SCHER AT, KIDD M, HOUGH FS. Vertebral fracture prevalence in black and white South African women. *Archives of Osteoporosis* 2015; **10**(1): Article1, 10 pages.
13. CORNELL M, JOHNSON LF, SCHOMAKER M, TANSER F, MASKEW M, WOOD R, PROZESKY HW, GIDDY J, STINSON K, EGGER M, BOULLE A, MYER L. Age in antiretroviral therapy programmes in South Africa: a retrospective, multicentre, observational cohort study. *The Lancet* 2015; **2**: e368-e375.
14. DAVIDS MR, HALPERIN ML, CHIKTE UME. Optimising cognitive load and usability to improve the impact of e-learning in medical education. *African Journal of Health Professions Education* 2015; **7**(2):147-152.
15. DAVIDS MR, HARVEY J, HALPERIN ML, CHIKTE UME. Determining the number of participants needed for the usability evaluation of e-learning resources: A Monte Carlo simulation. *British Journal of Educational Technology* 2015; **46**(5):1051-1055.
16. DE WET D, WRIGHT CA, SCHUBERT PT, KOEGELENBERG CFN, LOUW M, DIACON AH. Mediastinal Granulomatous Lymphadenitis in a Population at Risk for HIV and Tuberculosis. *Diagnostic Cytopathology* 2015; **43**(9):696-700.
17. DHEDA K, KOEGELENBERG CFN, ESMAIL A, IRUSEN EM, WECHSLER M, NIVEN RM, BATEMAN ED, CHUNG KF. Recommendations for the use of bronchial thermoplasty in the management of severe asthma. *SAMJ South African Medical Journal* 2015; **105**(9):726-732.
18. DHEDA K, KOEGELENBERG CFN, ESMAIL A, IRUSEN EM, WECHSLER M, NIVEN RM, CHUNG KF, BATEMAN ED. Indications for the use of bronchial thermoplasty in severe asthma. *SAMJ South African Medical Journal* 2015; **105**(10):808-809.
19. DU TOIT HR, VON GROOTE-BIDLINGMAIER FT, SHAW JA, IRUSEN EM, WARWICK JM, KOEGELENBERG CFN. The diagnostic accuracy of integrated positron emission tomography/computed tomography in the evaluation of

- pulmonary mass lesions in a tuberculosis-endemic area. *SAMJ South African Medical Journal* 2015; **105**(12):1049-1052.
20. EMSLEY RA, ASMAL L, CHILIZA B, DU PLESSIS S, CARR JA, KIDD M, MALHOTRA AK, VINK M, KAHN RS. Changes in brain regions associated with food-intake regulation, body mass and metabolic profiles during acute antipsychotic treatment in first-episode schizophrenia. *Psychiatry Research-Neuroimaging* 2015; **233**(2):186-193.
 21. EMSLEY RA, ASMAL L, DU PLESSIS S, CHILIZA B, KIDD M, CARR JA, VINK M. Dorsal striatal volumes in never-treated patients with first-episode schizophrenia before and during acute treatment. *Schizophrenia Research* 2015; **169**(1-3):89-94.
 22. GENG EH, NEILANDS TB, THIEBAUT R, BWANA MB, NASH D, NACHEGA JB, PROZESKY HW, ET AL. CD4+ T cell recovery during suppression of HIV replication: an international comparison of the immunological efficacy of antiretroviral therapy in North America, Asia and Africa. *International Journal of Epidemiology* 2015; **44**(1):251-263.
 23. GIULIANO AR, BOTHA MHH, ZEIER MD, ABRAHAMSEN ME, GLASHOFF RH, VAN DER LAAN LE, PAPPENFUSS M, ENGELBRECHT S, SCHIM VAN DER LOEFF MF, SUDENGA L, TORRES BN, KIPPING S, TAYLOR D. High HIV, HPV and STI Prevalence Among Young Western Cape, South African Women: EVRI HIV Prevention Preparedness Trial. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **68**(2):227-235.
 24. HALL DR, DU TOIT MA, MASON D, CONRADIE M. Diabetes mellitus in pregnancy, still changing. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(3):108-114.
 25. HERBST PG. Screening for asymptomatic rheumatic heart disease: Understanding the mechanisms key to the diagnostic criteria. *SA Heart* 2015; **12**(3):134-144.
 26. HOFFMANN M, VISSER WI, ASCOTT-EVANS BH, HOUGH FS. The prevalence and clinical significance of acanthosis nigricans in diabetic and non-diabetic women of mixed ancestry. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(2):87-91.
 27. HUIS IN 'T VELD D, BALESTRE E, BUYZE J, MENTEN J, JAQUET A, PROZESKY HW, ET AL. Determinants of weight evolution among HIV-positive patients initiating antiretroviral treatment in low-resource settings. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **70**(2):146-154.
 28. IRUSEN EM. The Xpert MTB/RIF assay: A game-changer, but not infallible. *South African Respiratory Journal* 2015; **21**(2):34.
 29. JOHNSON LF, DORRINGTON R, LAUBSCHER R, HOFFMANN CJ, WOOD R, FOX MP, CORNELL M, SCHOMAKER M, PROZESKY HW, TANSER F, DAVIES M-A, BOULLE A. A comparison of death recording by health centres and civil registration in South Africans receiving antiretroviral treatment. *Journal of the International Aids Society* 2015; **18**(1): 20628, 7 pages.
 30. KOEGELENBERG CFN, ALLWOOD BW. Gene Xpert in the frontline. *South African Respiratory Journal* 2015; **20**(4):102.
 31. KOEGELENBERG CFN, BALKEMA CA, JOOSTE YL, TALJAARD JJ, IRUSEN EM. Validation of a severity-of-illness score in patients with tuberculosis requiring intensive care unit admission. *SAMJ South African Medical Journal* 2015; **105**(5):389-392.

32. KOEGELENERG CFN, IRUSEN EM, BRUWER J, WILKEN E, BATUBARA EMA, SWART F, MAREE DM. The Effect of Pleural Drainage on Pulmonary Function Testing in Patients with Tuberculous Pleural Effusions. *Pleura* 2015; **2**: 2373997515580760, 3 pages.
33. KOEGELENERG CFN, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, BRUWER J, BATUBARA E, DIACON AH. The utility of ultrasound-guided thoracentesis and pleural biopsy in undiagnosed pleural exudates. *Thorax* 2015; **70**(10):995-997.
34. KOEGELENERG CFN, SLEBOS D-J, SHAH PL, THERON J, DHEDA K, ALLWOOD BW, HERTH FJF. Time for the global rollout of endoscopic lung volume reduction. *Respiration* 2015; **90**:430-440.
35. KOEGELENERG CFN, THERON J, BRUWER JW, ALLWOOD BW, VORSTER MJ, VON GROOTE-BIDLINGMAIER F, DHEDA K. Endoscopic lung volume reduction in severe emphysema. *SAMJ South African Medical Journal* 2015; **105**(9):721-723.
36. KOEGELENERG CFN, THERON J, DHEDA K, BRUWER JW, ALLWOOD BW, VORSTER MJ, VON GROOTE-BIDLINGMAIER F, SLEBOS D-J, SHAH PL, HERTH FJF. Recommendations for the use of endoscopic lung volume reduction in South Africa: Role in the treatment of emphysema. *SAMJ South African Medical Journal* 2015; **105**(10):810-815.
37. KOEGELENERG CFN, VORSTER MJ. Chemical pleurodesis for malignant pleural effusion: How far have we come in 80 years? *Respiration* 2015; **90**:355-356.
38. KOLLER M, FATTI G, CHI BH, KEISER O, HOFFMANN CJ, WOOD R, PROZESKY HW, EGGER M. Risk charts to guide targeted HIV-1 viral load monitoring of ART: Development and validation in patients from resource-limited settings. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **70**(3): e110 - e119.
39. KOTZE MJ, LUCKHOFF HK, PEETERS AV, BAATJES KJ, SCHOEMAN M, VAN DER MERWE L, GRANT K, FISHER LR, VAN DER MERWE N, PRETORIUS J, VAN VELDEN DP, MYBURGH E, PIENAAR FM, VAN RENSBURG SJ, YAKO YY, SEPTEMBER AV, MOREMI KE, TIFFIN N, BOUWENS CSH, BEZUIDENHOUT J, APFFELSTAEDT JP, HOUGH FS, ERASMUS RT, SCHNEIDER JW. Genomic medicine and risk prediction across the disease spectrum. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(3):120-137.
40. MANIE M. Meeting the challenges in the diagnosis of inflammatory myopathies. *SAMJ South African Medical Journal* 2015; **105**(12):1076, 3 pages.
41. MOOSA MR, VAN DER WALT I, NAICKER S, MEYERS AM. Important causes of chronic kidney disease in South Africa. *SAMJ South African Medical Journal* 2015; **105**(4):320, 8 pages.
42. MOSALLEUM E, MOHAMED N, BASSA FC, DREYER WP. Oral medicine case book 69: Burkitt lymphoma of the oral cavity. *South African Dental Journal (Journal of the Dental Association of South Africa)* 2015; **70**(4):168-170.
43. MOUTON JM, PELLIZZON AS, GOOSEN A, KINNEAR CJ, HERBST PG, BRINK PA, MOOLMAN-SMOOK JC. Diagnostic disparity and identification of two TNNI3 gene mutations, one novel and one arising de novo, in South African patients with restrictive cardiomyopathy and focal ventricular hypertrophy. *Cardiovascular Journal of Africa* 2015; **26**(2):63-69.
44. MURUNGA EM, VAN RENSBURG C. Management of refractory gastro-oesophageal reflux. *The South African Gastroenterology Review* 2015; **1**:21-23.

45. PELLIZZON AS, KOEGELENBERG CFN, IRUSEN EM. A 2-year retrospective review of the effect of cigarette smoking status on the histological cell types of lung carcinoma in the Western Cape. *South African Respiratory Journal* 2015; **21**(2):23-28.
46. PORCEL JM, AZZOPARDI M, KOEGELENBERG CFN, MALDONADO F, RAHMAN NM, LEE YCG. The diagnosis of pleural effusions. *Expert Review of Respiratory Medicine* 2015; **9**(6):801-805.
47. PORTA A, GIRARDENGO G, BARI V, GEORGE AL JR, BRINK PA, GOOSEN A, CROTTI L, SCHWARTZ PJ. Autonomic control of heart rate and QT interval variability influences arrhythmic risk in long QT syndrome type 1. *Journal of the American College of Cardiology* 2015; **65**(4):367-374.
48. PRETORIUS JSE, DAVIDS MR, DU TOIT R. Oral v. pulse intravenous cyclophosphamide: A retrospective analysis of adverse events in a setting with a high burden of infectious disease. *SAMJ South African Medical Journal* 2015; **105**(3):209-214.
49. SANDERSON-NOVEMBER M, SADIE-VAN GIJSEN H, HOUGH FS, FERRIS WF. The role of MKP-1 in the anti-proliferative effects of glucocorticoids in primary rat pre-osteoblasts. *PLoS ONE* 2015; **10**(8): e0135358, 19 pages.
50. SCHWARTZ IS, GOVENDER NP, CORCORAN C, DLAMINI S, PROZESKY HW, BURTON R, MENDELSON M, TALJAARD JJ, LEHLOENYA R, CALLIGARO G, COLEBUNDERS R, KENYON C. Clinical characteristics, diagnosis, management, and outcomes of disseminated emmonsiosis: A retrospective case series. *Clinical Infectious Diseases* 2015; **61**(6):1004-1012.
51. SEBASTIAN S, WHITELOW DA. An unusual cause of chronic backache. *Quarterly Journal of Medicine* 2015; **108**:405-407.
52. SHAW JA, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, WARWICK JM, JEREMIC B, DU TOIT HR, KOEGELENBERG CFN. Integrated position emission tomography/computed tomography for evaluation of mediastinal lymph node staging of non-small-cell lung cancer in a tuberculosis-endemic area: A 5-year prospective observational study. *SAMJ South African Medical Journal* 2015; **105**(2):145-150.
53. SISSOLAK G, BADENHORST PJ, STEENKAMP J, HEANEY M, LOUW VJ, SCHNUGH D, WILLEM P. Treatment outcomes in CML patients treated with Tyrosine Kinase inhibitors at a Tertiary Teaching Hospital in South Africa. *Clinical Lymphoma Myeloma & Leukemia* 2015; **15**(12):803-810.
54. SLEBOS D-J, KLOOSTER K, KOEGELENBERG CFN, THERON J, STEYN DM, VALIPOUR A, MAYSE M, BOLLIGER CT. Targeted lung denervation for moderate to severe COPD: a pilot study. *Thorax* 2015; **70**(5):411-419.
55. THOMAS PM, BRITZ M, EASTMAN R, CARR JA, BATEMAN KJ. Listerial brainstem encephalitis - treatable, but easily missed. *SAMJ South African Medical Journal* 2015; **105**(1):17-20.
56. VAN DER BIJL P, DORUYTER AGG, DE DECKER R, LAWRENSEN J, COMITIS G, HEWITSON J. Chest pain on exertion after the Takeuchi repair of anomalous origin of the left coronary artery: Right ventricular ischemia due to severe pulmonary outflow tract obstruction. *World Journal for Pediatric and Congenital Heart Surgery* 2015; **6**(1):90-92.
57. VAN DER BIJL P, HERBST PG, DOUBELL AF, PECORARO AJK. Post-traumatic, intrapulmonary arteriovenous fistula: Diagnosis by trans-oesophageal echocardiography. *SA Heart* 2015; **12**(1):26-27.

58. VAN DEVENTER JD, DOUBELL AF, HERBST PG, PIEK H, PIEK C, MARCOS E, PECORARO AJK. Evaluation of the SUNHEART Cardiology outreach programme. *SA Heart* 2015; **12**(2):82-86.
59. VORSTER MJ. Clinical relevance of genomic signatures of type 2 inflammation in chronic obstructive pulmonary disease. *South African Respiratory Journal* 2015; **21**(1):12.
60. VORSTER MJ, ALLWOOD BW, DIACON AH, KOEGELENBERG CFN. Tuberculous pleural effusions: advances and controversies. *Journal of Thoracic Disease* 2015; **7**(6):981-991.
61. VORSTER MJ, ALLWOOD BW, KOEGELENBERG CFN. Transthoracic ultrasonography for Clinicians. *Eurasian Journal of Pulmonology* 2015; **17**:1-9.
62. VORSTER MJ, BRUWER J, FRANK W, BERNASCONI M, KOEGELENBERG CFN. The use of propofol for sedation in medical thoracoscopy. *Respiration* 2015; **89**(5):435.
63. VORSTER MJ, KOEGELENBERG CFN. Lung volume reduction in chronic obstructive pulmonary disease. *SAMJ South African Medical Journal* 2015; **105**(9):791, 3 pages.
64. VORSTER MJ, SCHUBERT PT, KOEGELENBERG CFN. The real value of endobronchial ultrasound. *SAMJ South African Medical Journal* 2015; **105**(10):876, 2 pages.
65. VORSTER MJ, THERON J, DHEDA K, BRUWER JW, ALLWOOD BW, VON GROOTE-BIDLINGMAIER F, KOEGELENBERG CFN. Endoscopic lung volume reduction with coils. *South African Respiratory Journal* 2015; **21**(2):30-32.
66. WILKEN E. Beta-blockers in portal hypertension. *The South African Gastroenterology Review* 2015; **1**:24-25.
67. ZEIER MD, BOTHA MHH, ENGELBRECHT S, MACHEKANO R, JACOBS GB, ISAACS S, VAN SCHALKWYK M, NACHEGA JB. Combination antiretroviral therapy reduces the detection risk of cervical human papilloma virus infection in women living with HIV. *Aids* 2015; **29**:59-66.

Proceedings international

1. DU TOIT R, IRUSEN EM, SHAW JA. The diagnostic accuracy of PET/CT in the evaluation of pulmonary mass lesion in a tuberculosis-endemic area. Congress of the European Association of Nuclear Medicine, Hamburg, 10 – 14 October 2015, Hamburg, Germany, Springer 2015: 640-641.

MEDICAL MICROBIOLOGY

Journal articles

1. ABRAHAMS MS, WHITELOW AC, ORTH H. Time for a culture change? Suboptimal compliance with blood culture standards at a district hospital in Cape Town. *SAMJ South African Medical Journal* 2015; **105**(12):1039-1042.
2. AWORTWE C, MANDA VK, AVONTO C, KHAN SI, KHAN IA, WALKER LA, BOUIC PJD, ROSENKRANZ B. In vitro evaluation of reversible and time-dependent inhibitory effects of *Kalanchoe crenata* on CYP2C19 and CYP3A4 activities. *Drug Metabolism Letters* 2015; **9**:48-62.
3. AWORTWE C, MANDA VK, AVONTO C, KHAN SI, KHAN IA, WALKER LA, BOUIC PJD, ROSENKRANZ B. *Echinacea purpurea* up-regulates CYP1A2,

- CYP3A4 and MDR1 gene expression by activation of pregnane X receptor pathway. *Xenobiotica* 2015; **45**(3):218-229.
4. BARNARD DA, IRUSEN EM, BRUWER J, PLEKKER D, WHITELAW AC, DEETLEFS JD, KOEGELEBERG CFN. The utility of Xpert MTB/RIF performed on bronchial washings obtained in patients with suspected pulmonary tuberculosis in a high prevalence setting. *BMC Pulmonary Medicine* 2015; **15**: 103, 5 pages.
 5. DAWSON R, NARUNSKY K, CARMAN D, GUPTE N, WHITELAW AC, EFRON A, BARNES GL, HOFFMAN J, CHAISSON RE, MCILLERON H, DORMAN SE. Two-stage activity-safety study of daily rifapentine during intensive phase treatment of pulmonary tuberculosis. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(7):780-786.
 6. DRAMOWSKI A, COTTON MF, RABIE H, WHITELAW AC. Trends in paediatric bloodstream infections at a South African referral hospital. *BMC Pediatrics* 2015; **15**:33, 11 pages.
 7. DRAMOWSKI A, COTTON MF, WHITELAW AC. Utilization of paediatric isolation facilities in a TB-endemic setting. *Antimicrobial Resistance and Infection Control* 2015; **4**:36, 9 pages.
 8. ESSER MM. Primary Immunodeficiency Disorders IgA Deficiency: Fact and Fallacies. *Current Allergy & Clinical Immunology* 2015; **28**(2):138-141.
 9. FANG Z, SAMPSON SL, WARREN RM, GEY VAN PITTIUS NC, NEWTON-FOOT M. Iron acquisition strategies in mycobacteria. *Tuberculosis* 2015; **95**:123-130.
 10. HAMMOND-ARYEE KNO, ESSER MM, VAN HELDEN LS, VAN HELDEN PD. A high seroprevalence of *Toxoplasma gondii* antibodies in a population of feral cats in the Western Cape province of South Africa. *Southern African Journal of Infectious Diseases (Formerly Southern African Journal of Epidemiology and Infection)* 2015; **30**(4):141-144.
 11. LIEBRICH W, EMANUEL S, ESSER MM. History and Clinical Examination. *Current Allergy & Clinical Immunology* 2015; **28**(2):134-136.
 12. LIEBRICH W, EMANUEL S, ESSER MM. Primary Immunodeficiency Treatment. *Current Allergy & Clinical Immunology* 2015; **28**(4):305-307.
 13. LIEBRICH W, EMANUEL S, ESSER MM. The Immune System. *Current Allergy & Clinical Immunology* 2015; **28**(1):62-63.
 14. LIEBRICH W, EMANUEL S, ESSER MM. Laboratory testing in Primary Immunodeficiency. *Current Allergy & Clinical Immunology* 2015; **28**(3):213-215.
 15. MOODLEY P, WHITELAW AC. The Pros, Cons, and Unknown of Search and Destroy for Carbapenem-Resistant Enterobacteriaceae. *Current Infectious Disease Reports* 2015; **17**(6): Article 27, 7 pages.
 16. PEROVIC O, IYALOO S, KULARATNE R, LOWMAN W, BOSMAN N, WADULA J, SEETHARAM S, DUSE A, MBELLE N, BAMFORD CM, DAWOOD H, MAHABEER Y, BHOLA P, ABRAHAMS MS, SINGH-MOODLEY A. Prevalence and Trends of *Staphylococcus aureus* Bacteraemia in Hospitalized Patients in South Africa, 2010 to 2012: Laboratory-based surveillance Mapping of Antimicrobial Resistance and Molecular Epidemiology. *PLoS ONE* 2015; **10**(12): e0145429, 14 pages.
 17. SCHOEMAN M, ESSER MM, URBAN MF. Living with X-linked Agammaglobulinaemia (XLA) in a developing country setting: Clinical and counselling considerations in an affected family. *Current Allergy & Clinical Immunology* 2015; **28**(1):64-69.

18. SOLOMONS RS, VISSER DH, FRIEDRICH SO, DIACON AH, HOEK KGP, MARAIS BJ, SCHOEMAN JF, VAN FURTH AM. Improved diagnosis of childhood tuberculous meningitis using more than one nucleic acid amplification test. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(1):74-80.
19. VAN NIEKERK A, ESSER MM. A diagnostic approach to recurrent respiratory tract infections in childhood: could it be primary immunodeficiency? *Current Allergy & Clinical Immunology* 2015; **4**:308-312.
20. WHITELAW AC. Role of infection control in combating antibiotic resistance. *SAMJ South African Medical Journal* 2015; **105**(5):421, 4 pages.
21. ZEMLIN A, IPP H, RENSBURG M, GERMISHUYS JJ, ESSER MM, JANSEN VAN VUUREN M, ERASMUS RT. Serum free light chains in patients with HIV infection: their association with markers of disease severity and antiretroviral use. *Journal of Clinical Pathology* 2015; **68**:148-153.

MEDICAL PHYSIOLOGY

Journal articles

1. BATUBARA E, KOEGELENBERG CFN, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, BRUWER J, DIACON AH. The utility of ultrasound-guided thoracentesis and pleural biopsy in undiagnosed pleural exudates. *Thorax* 2015; **70**(10):995-997.
2. BOEREE MJ, DIACON AH, DAWSON R, NARUNSKY K, DU BOIS J, VENTER A, PHILLIPS PPJ, GILLESPIE SH, MCHUGH TD, HOELSCHER M, HEINRICH N, REHAL S, VAN SOOLINGEN D, VAN INGEN J, MAGIS-ESCURRA C, BURGER D, PLEMPER VAN BALEN G, AARNOUTSE RE. A Dose-Ranging Trial to Optimize the Dose of Rifampin in the Treatment of Tuberculosis. *American Journal of Respiratory and Critical Care Medicine* 2015; **191**(9):1058-1065.
3. BOWNESS R, BOEREE MJ, AARNOUTSE RE, DAWSON R, DIACON AH, MANGU C, HEINRICH N, NTINGINYA E, KOHLENBERG A, MTAFYA B, PHILLIPS PPJ, RACHOW A, PLEMPER VAN BALEN G, GILLESPIE SH. The relationship between Mycobacterium tuberculosis MGIT time to positivity and cfu in sputum samples demonstrates changing bacterial phenotypes potentially reflecting the impact of chemotherapy on critical sub-populations. *Journal of Antimicrobial Chemotherapy* 2015; **70**:448-455.
4. DAWSON R, DIACON AH, EVERITT D, VAN NIEKERK C, DONALD PR, BURGER DA, SCHALL R, SPIGELMAN M, CONRADIE A, EISENACH K, VENTER A, IVE P, PAGE-SHIPPI L, VARIAVA E, REITHER K, NTINGINYA E, PYM A, VON GROOTE-BIDLINGMAIER FT, MENDEL CM. Efficiency and safety of the combination of moxifloxacin, pretomanid (PA-824), and pyrazinamide during the first 8 weeks of antituberculosis treatment: a phase 2b, open-label, partly randomised trial in patients with drug-susceptible or drug-resistant pulmonary tuberculosis. *Lancet* 2015; **385**(9979):1738-1747.
5. DE WET D, WRIGHT CA, SCHUBERT PT, KOEGELENBERG CFN, LOUW M, DIACON AH. Mediastinal Granulomatous Lymphadenitis in a Population at Risk for HIV and Tuberculosis. *Diagnostic Cytopathology* 2015; **43**(9):696-700.
6. DIACON AH, DAWSON R, VON GROOTE-BIDLINGMAIER F, SYMONS G, VENTER A, DONALD PR, VAN NIEKERK C, EVERITT D, HUTCHINGS J, BURGER DA, SCHALL R, MENDEL CM. Bacterial Activity of Pyrazinamide and

- Clofazimine Alone and in Combinations with Pretomanid and Bedaquiline. *American Journal of Respiratory and Critical Care Medicine* 2015; **191**(8):943-953.
7. DONALD PR, DIACON AH. Para-aminosalicylic acid: the return of an old friend. *Lancet Infectious Diseases* 2015; **3**:1091-1099.
 8. DU PLESSIS SS, AGARWAL A, MOHANTY G, VAN DER LINDE M. Oxidative Phosphorylation versus glycolysis: what fuel do spermatozoa use? *Asian Journal of Andrology* 2015; **17**:230-235.
 9. DU PLESSIS SS, AGARWAL A, SYRIAC A. Marijuana, phytocannabinoids, the endocannabinoid system and male fertility. *Journal of Assisted Reproduction and Genetics* 2015; **32**:1575-1588.
 10. ESPACH Y, LOCHNER A, STRIJDOM JG, HUISAMEN B. ATM protein kinase signaling, type 2 diabetes and cardiovascular disease. *Cardiovascular Drugs and Therapy* 2015; **29**:51-58.
 11. GEORGE C, SMITH C, ISAACS AW, HUISAMEN B. Chronic Prosopis Glandulosa Treatment Blunts Neutrophil Infiltration and Enhances Muscle Repair after Contusion Injury. *Nutrients* 2015; **7**:815-830.
 12. GEORGE C, DIETRICH D, HUISAMEN B. The effect of chronic Prosopis glandulosa treatment on muscle force development and fatigue tolerance in soleus muscle. *British Journal of Applied Science & Technology* 2015; **10**(4):1-10.
 13. HARLEV A, AGARWAL A, GUNES SO, SHETTY A, DU PLESSIS SS. Smoking and Male Infertility: An Evidence-Based Review. *World Journal of Mens Health* 2015; **33**(3):143-160.
 14. HEINRICH N, DAWSON R, DU BOIS J, NARUNSKY K, HORWITH G, PHIPPS AJ, NACY CA, AARNOUTSE RE, BOEREE MJ, GILLESPIE SH, VENTER A, HENNE S, RACHOW A, PHILLIPS PPJ, HOELSCHER M, DIACON AH. Early phase evaluation of SQ109 alone and in combination with rifampicin in pulmonary TB patients. *Journal of Antimicrobial Chemotherapy* 2015; **70**:1558-1566.
 15. KARINJA MN, ESTERHUIZEN T, FRIEDRICH SO, DIACON AH. Sputum volume predicts sputum mycobacterial load during first 2 weeks of antituberculosis treatment. *Journal of Clinical Microbiology* 2015; **53**(4):1087-1091.
 16. KAYIGIRE XAK, FRIEDRICH SO, VAN DER MERWE L, DONALD PR, DIACON AH. Simultaneous staining of sputum smears for acid-fast and lipid containing Mycobacterium tuberculosis can enhance the clinical evaluation of antituberculosis treatments. *Tuberculosis* 2015; **95**:770-779.
 17. MAYORGA-TORRES BJM, CAMARGO M, AGARWAL A, DU PLESSIS SS, CADAVID AP, CARDONA MAYA WD. Influence of ejaculation frequency on seminal parameters. *Reproductive Biology and Endocrinology* 2015; **13**(47):1-7.
 18. OYEYIPO IP, MAARTENS PJ, DU PLESSIS SS. Diet-induced obesity alters kinematics of rat spermatozoa. *Asian Pacific Journal of Allergy and Immunology* 2015; **4**(2):1-6.
 19. RULLAS J, DHARN, MCKINNEY JD, GARCIA-PEREZ A, LELIEVRE J, DIACON AH, HUGONNET J, ARTHUR M, ANGULO-BARTUREN I, BARROS-AGUIRRE D, BALLELL L. Combinations of Beta-Lactam antibiotics currently in clinical trials are efficacious in a DHP-1-deficient mouse model of tuberculosis infection. *Antimicrobial Agents and Chemotherapy* 2015; **59**(8):4997-4999.
 20. SLABBERT M, DU PLESSIS SS, HUYSER C. Large volume cryoprotectant-free vitrification: an alternative to conventional cryopreservation for human spermatozoa. *Andrologia* 2015; **47**:594-599.

21. SOLOMONS RS, VISSER DH, FRIEDRICH SO, DIACON AH, HOEK KGP, MARAIS BJ, SCHOEMAN JF, VAN FURTH AM. Improved diagnosis of childhood tuberculous meningitis using more than one nucleic acid amplification test. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(1):74-80.
22. SY SKB, DE KOCK L, DIACON AH, WERELY CJ, XIA H, ROSENKRANZ B, VAN DER MERWE L, DONALD PR. N-Acetyltransferase genotypes and the pharmacokinetics and tolerability of para-aminosalicylic acid in patients with drug-resistant pulmonary tuberculosis. *Antimicrobial Agents and Chemotherapy* 2015; **59**(7):4129-4138.
23. VORSTER MJ, ALLWOOD BW, DIACON AH, KOEGELENBERG CFN. Tuberculous pleural effusions: advances and controversies. *Journal of Thoracic Disease* 2015; **7**(6):981-991.

Chapters in Books

1. ABOUA YG, MANIRAFASHA C, MOSITO BR, VAN DER LINDE M, DU PLESSIS SS. Potentials of Phytotherapeutic Treatment of Erectile Dysfunction. In: Oguntibeju OO (ed.) *Antioxidant-Antidiabetic Agents and Human health*, InTech, Rijeka, Croatia (local name: Hrvatska), 2014: 279-295.
2. SKOSANA BT, ABOUA YG, DU PLESSIS SS. Buchu-The Multi-Purpose Ethnomedicinally Important Specie and Its Benefits in the Reproductive System. In: Oguntibeju OO (ed.) *Antioxidant-Antidiabetic Agents and Human Health*, InTech, Rijeka, Croatia (local name: Hrvatska), 2014: 297-316.
3. VALENTE CC, ABOUA YG, DU PLESSIS SS. Garlic and Its Effects on Health with Special Reference to the Reproductive System. In: Oguntibeju OO (ed.) *Antioxidant-Antidiabetic Agents and Human Health*, InTech, Rijeka, Croatia (local name: Hrvatska), 2014: 259-277.

MEDICAL VIROLOGY

Journal articles

1. ANDERSSON MI, PREISER W, VAN RENSBURG C, TALJAARD JJ, HOFFMANN CJ. The HIV/HBV co-infected patient: Time for proactive management. *SAMJ South African Medical Journal* 2015; **105**(4):281-282.
2. ANDERSSON MI, RAJBHANDARI R, KEW MC, VENTO S, PREISER W, HOEPELMAN AIM, THERON GB, COTTON MF, COHN J, GLEBE D, LESI O, THURSZ M, PETERS M, CHUNG R, WIYSONGE CSU. Mother-to-child transmission of hepatitis B virus in sub-Saharan Africa: time to act. *Lancet Global Health* 2015; **3**: e-358-e359.
3. ANDERSSON MI, STEAD PA, MAPONGA TG, VAN DER PLAS H, PREISER W. Hepatitis E virus infection: An underdiagnosed infection in transplant patients in Southern Africa? *Journal of Clinical Virology* 2015; **70**:23-25.
4. CHOTUN BN, NEL EDLR, COTTON MF, PREISER W, ANDERSSON MI. Hepatitis B virus infection in HIV-exposed infants in the Western Cape, South Africa. *Vaccine* 2015; **33**(36):4618-4622.
5. DREXLER F, CORMAN VM, MATTHEE S, PREISER W, ET AL. Evolutionary origins of hepatitis A virus in small mammals. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**:15190-15195.

6. FISHER RG, SMITH DM, MURRELL B, SLABBERT R, KIRBY BM, EDSON C, COTTON MF, HAUBRICH R, POND SLK, VAN ZYL GU. Next generation sequencing improves detection of drug resistance mutations in infants after PMTCT failure. *Journal of Clinical Virology* 2015; **62**:48-53.
7. GIULIANO AR, BOTHA MHH, ZEIER MD, ABRAHAMSEN ME, GLASHOFF RH, VAN DER LAAN LE, PAPPENFUSS M, ENGELBRECHT S, SCHIM VAN DER LOEFF MF, SUDENGA L, TORRES BN, KIPPING S, TAYLOR D. High HIV, HPV and STI Prevalence Among Young Western Cape, South African Women: EVRI HIV Prevention Preparedness Trial. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **68**(2):227-235.
8. MOYO S, WILKINSON E, NOVITSKY V, VANDORMAEL A, GASEITSIWE S, ESSEX M, ENGELBRECHT S, DE OLIVEIRA T. Identifying Recent HIV Infections: From Serological Assays to Genomics. *Viruses-Basel* 2015; **7**:5508-5524.
9. MSIMANGA PW, VARDAS E, ENGELBRECHT S. HIV-1 diversity in an antiretroviral treatment naïve cohort from Bushbuckridge, Mpumalanga Province, South Africa. *Virology Journal* 2015; **12**: 24, 13 pages.
10. NELSON A, MARITZ J, GIDDY J, FRIGATI LJ, RABIE H, VAN CUTSEM G, MUTSEYEKWA T, JANGE N, BERNHEIMER JM, COTTON MF, COX V. HIV testing and antiretroviral therapy initiation at birth: Views from a primary care setting in Khayelitsha. *Southern African Journal of HIV Medicine* 2015; **16**(1):1-4.
11. VAN ZYL GU, BEDISON MA, JANSE VAN RENSBURG A, LAUGHTON B, COTTON MF, MELLORS JW. Early Antiretroviral Therapy in South African Children Reduces HIV-1-Infected Cells and Cell-Associated HIV-1 RNA in Blood Mononuclear Cells. *Journal of Infectious Diseases* 2015; **212**(1):39-43.
12. WILKINSON E, ENGELBRECHT S, DE OLIVEIRA T. History and origin of the HIV-1 subtype C epidemic in South Africa and the greater southern African region. *Scientific Reports* 2015; **5**(16897):1-12.
13. WILKINSON E, HOLZMAYER V, JACOBS GB, DE OLIVEIRA T, BRENNAN CA, HACKETT JR J, JANSE VAN RENSBURG E, ENGELBRECHT S. Sequencing and Phylogenetic Analysis of Near Full-Length HIV-1 Subtypes A, B, G and Unique Recombinant AC and AD Viral Strains Identified in South Africa. *Aids Research and Human Retroviruses* 2015; **31**(4):412-420.
14. WITKOWSKI PT, KALLIES R, HOVEKA J, AUSTE B, ITHETE NL, SOLTYS K, SZEMES T, DROSTEN C, PREISER W, KLEMPA B, MFUNE KE, KRUGER DH. Novel Arenavirus Isolates from Namaqua Rock Mice, Namibia, Southern Africa. *Emerging Infectious Diseases* 2015; **21**(7):1213-1216.
15. ZEIER MD, BOTHA MHH, ENGELBRECHT S, MACHEKANO R, JACOBS GB, ISAACS S, VAN SCHALKWYK M, NACHEGA JB. Combination antiretroviral therapy reduces the detection risk of cervical human papilloma virus infection in women living with HIV. *Aids* 2015; **29**:59-66.

MOLECULAR BIOLOGY AND HUMAN GENETICS

Journal articles

1. AXELSSON-ROBERTSON R, RAO M, LOXTON AG, WALZL G, BATES M, ZUMLA A, MAEURER M. Frequency of Mycobacterium tuberculosis-specific

- CD8+ T-cells in the course of anti-tuberculosis treatment. *International Journal of Infectious Diseases* 2015; **32**:23-29.
2. BAUMANN R, KAEMPFER S, CHEGOU NN, OEHLMANN W, SPALLEK R, LOXTON AG, VAN HELDEN PD, BLACK GF, SINGH M, WALZL G. A Subgroup of Latently Mycobacterium tuberculosis Infected Individuals is Characterized by Consistently Elevated IgA Responses to Several Mycobacterial Antigens. *Mediators of Inflammation* 2015; **2015**: Article ID 364758, 10 pages.
 3. BLACK PA, DE VOS M, LOUW GE, VAN DER MERWE RG, DIPPENAAR A, STREICHER EM, ABDALLAH AM, SAMPSON SL, VICTOR TC, DOLBY T, SIMPSON JA, VAN HELDEN PD, WARREN RM, PAIN A. Whole genome sequencing reveals genomic heterogeneity and antibiotic purification in Mycobacterium tuberculosis isolates. *BMC Genomics* 2015; **16**(1):857.
 4. BUSS P, OLEO-POPELKA F, MEYER L, HOFMEYR J, MATHEBULA N, KRUGER M, BRUNS A, MARTIN L, MILLER MA. Evaluation of cardiorespiratory, blood gas, and lactate values during extended immobilization of white rhinoceros (*Ceratotherium simum*). *Journal of Zoo and Wildlife Medicine* 2015; **46**(2):224-233.
 5. CHIGUTSA E, PASIPANODYA JG, VISSER ME, VAN HELDEN PD, SMITH PJ, SIRGEL FA, GUMBO T, MCILLERON H. Impact of non-linear interactions of pharmacokinetics and MICs on sputum bacillary kill rates as a marker of sterilizing effect in tuberculosis. *Antimicrobial Agents and Chemotherapy* 2015; **59**(1):38-45.
 6. CLIFF JM, KAUFMANN SHE, MCSHANE H, VAN HELDEN PD, O'GARRA A. The human immune response to tuberculosis and its treatment: a view from the blood. *Immunological Reviews* 2015; **264**(1):88-102.
 7. DAYA M, VAN DER MERWE L, VAN HELDEN PD, MOLLER M, VAN HELDEN EG. Investigating the Role of Gene-Gene Interactions in TB Susceptibility. *PLoS ONE* 2015; **10**(4): e0123970, 25 pages.
 8. DIPPENAAR A, PARSONS SDC, SAMPSON SL, VAN DER MERWE RG, DREWE JA, ABDALLAH AM, SIAME KK, GEY VAN PITTIUS NC, VAN HELDEN PD, PAIN A, WARREN RM. Whole genome sequence analysis of Mycobacterium suricattae. *Tuberculosis* 2015; **95**:682-688.
 9. DIPPENAAR A, WARREN RM. Tuberculosis: Fighting an old disease with next-generation sequencing. *ELife* 2015; **4**: e06782.
 10. ELMARAACHLI W, SLATER M, BERRADA ZL, LIN SYG, CATANZARO A, DESMONDE E, RODRIGUES C, VICTOR TC, CRUDU V, GLER MT, RODWELL TC. Predicting differential rifamycin resistance in clinical Mycobacterium tuberculosis isolates by specific rpoB mutations. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(10):1222-1226.
 11. ESTERHUYSE MM, WEINER J, CARON E, LOXTON AG, IANNACCONE M, ABRAHAMSE CK, SAIKALI P, STANLEY K, WOLSKI WE, MOLLENKOPF HJ, SCHICK M, AEBERSOLD R, LINHART H, WALZL G, KAUFMANN SHE. Epigenetics and Proteomics Join Transcriptomics in the Quest for Tuberculosis Biomarkers. *mBIO* 2015; **6**(5): e01187 15 pages.
 12. FANG Z, SAMPSON SL, WARREN RM, GEY VAN PITTIUS NC, NEWTON-FOOT M. Iron acquisition strategies in mycobacteria. *Tuberculosis* 2015; **95**:123-130.
 13. FANG Z, VAN DER MERWE RG, WARREN RM, SCHUBERT W-D, GEY VAN PITTIUS NC. Assessing the progress of Mycobacterium tuberculosis H37Rv structural genomics. *Tuberculosis* 2015; **95**(2):131-136.

14. FARHAT MR, MITNICK CD, FRANKE MF, KAUR D, SLOUTSKY A, MURRAY M, JACOBSON KR. Concordance of Mycobacterium tuberculosis fluoroquinolone resistance testing: implications for treatment. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(3):339-341.
15. FERNANDEZ PW, SALIE M, DU TOIT D, VAN DER MERWE A. Analysis of Prostate Cancer Susceptibility Variants in South African Men: Replicating Associations on Chromosomes 8q24 and 10q11. *Prostate Cancer* 2015; **2015**: Article ID 465184, 6 pages.
16. FISHBEIN SRS, VAN WYK N, WARREN RM, SAMPSON SL. Phylogeny to function: PE/PPE protein evolution and impact on Mycobacterium tuberculosis pathogenicity. *Molecular Microbiology* 2015; **96**(5):901-916.
17. FORTUINS, TOMAZELLA GG, NAGARAJ N, SAMPSON SL, GEY VAN PITTIUS NC, SOARES NC, WIKER HG, DE SOUZA GA, WARREN RM. Phosphoproteomics analysis of a clinical Mycobacterium tuberculosis Beijing isolate: Expanding the mycobacterial phosphoproteome catalogue. *Frontiers in Microbiology* 2015; **6**:6, 12 pages.
18. FOURIE HF, KOEN L, NIEHAUS DJH, SCHOEMAN M, BOTHA UA. When apparent schizophrenia is excluded. *South African Journal of Psychiatry* 2015; **21**(1):31-34.
19. GEORGE C, SMITH C, ISAACS AW, HUISAMEN B. Chronic Prosopis Glandulosa Treatment Blunts Neutrophil Infiltration and Enhances Muscle Repair after Contusion Injury. *Nutrients* 2015; **7**:815-830.
20. GOOSEN WJ, COOPER D, MILLER MA, VAN HELDEN PD, PARSONS SDC. IP-10 Is a Sensitive Biomarker of Antigen Recognition in Whole-Blood Stimulation Assays Used for the Diagnosis of Mycobacterium bovis Infection in African Buffaloes (Syncerus caffer). *Clinical and Vaccine Immunology* 2015; **22**(8):974-978.
21. HAMASUR B, BRUCHFELD J, VAN HELDEN PD, KALLENIUS G, SVENSON S. A sensitive urinary lipoarabinomannan test for Tuberculosis in HIV negative patients. *PLoS ONE* 2015; **10**(4): e0123457, 11 pages.
22. HAMMOND-ARYEE KNO, ESSER MM, VAN HELDEN LS, VAN HELDEN PD. A high seroprevalence of Toxoplasma gondii antibodies in a population of feral cats in the Western Cape province of South Africa. *Southern African Journal of Infectious Diseases (Formerly Southern African Journal of Epidemiology and Infection)* 2015; **30**(4):141-144.
23. HAMMOND-ARYEE KNO, VAN HELDEN LS, VAN HELDEN PD. The prevalence of antibodies to Toxoplasma gondii in sheep in the Western Cape, South Africa. *Onderstepoort Journal of Veterinary Research* 2015; **82**(1):1-5.
24. HAW A, HOFMEYR M, FULLER A, BUSS P, MILLER MA, FLEMMING G, MEYER L. Butorphanol with oxygen insufflation improves cardiorespiratory function in field-immobilised white rhinoceros (Ceratotherium simum). *Journal of the South African Veterinary Association* 2015; **86**(1): E1-E10.
25. HESSELING AC, JASPAN HB, BLACK GF, NENE MN, WALZL G. Immunogenicity of BCG in HIV-exposed and non-exposed infants following routine birth or delayed vaccination. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(4):454-462.
26. HOYME HE, HOYME DB, ELLIOT AJ, BLANKENSHIP J, KALBERG WO, BUCKLEY D, ABDUL-RAHMAN O, ADAM MP, ROBINSON LK, MANNING M, BEZUIDENHOUT H, JONES KL, MAY A. A South African mixed race lip/philtrum guide for diagnosis of fetal alcohol spectrum disorders. *American Journal of Medical Genetics Part A* 2015; **167**(4):752-755.

27. JENKINS HE, THERON GDV, COBELENS F, ABUBAKAR I, KHAN AJ, COHEN T, DOWDY D. How to Eliminate Tuberculosis 1 - Data for Action: Collection and use of local data to end tuberculosis. *Lancet* 2015; **15**:10.
28. JONES CE, HESSELING AC, TENA-COKI NG, SCRIBA T, CHEGOU NN, KIDD M, WILKINSON RJ, KAMPMANN B. The impact of HIV exposure and maternal Mycobacterium tuberculosis infection on infant immune responses to bacille Calmette-Guérin vaccination. *Aids* 2015; **29**(2):155-165.
29. JUBULIS J, DIONNE K, OSTERHOUT G, AYUK L, AWASOM C, ACHU P, NOESKE J, WARREN RM, MCARTHUR C, PARRISH N. Mycobacterium tuberculosis resistance in pulmonary TB patients in Cameroon: a phenotypic susceptibility assay. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(7):823-827.
30. KATALE BZ, MBUGI EV, SIAME KK, KEYJU JD, KENDALL SL, KAZWALA RR, DOCKRELL HM, FYUMAGWA RD, MICHEL AL, RWEYEMAMU MM, STREICHER EM, WARREN RM, VAN HELDEN PD, MATEE MI. Isolation and Potential for Transmission of Mycobacterium bovis at Human-livestock-wildlife Interface of the Serengeti Ecosystem, Northern Tanzania. *Transboundary and Emerging Diseases* 2016/17; **10**:11.
31. KOTZE MJ, LUCKHOFF HK, PEETERS AV, BAATJES KJ, SCHOEMAN M, VAN DER MERWE L, GRANT K, FISHER LR, VAN DER MERWE N, PRETORIUS J, VAN VELDEN DP, MYBURGH E, PIENAAR FM, VAN RENSBURG SJ, YAKO YY, SEPTEMBER AV, MOREMI KE, TIFFIN N, BOUWENS CSH, BEZUIDENHOUT J, A. Genomic medicine and risk prediction across the disease spectrum. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(3):120-137.
32. KRIEL M, LOTZ JW, KIDD M, WALZL G. Evaluation of a radiological severity score to predict treatment outcome in adults with pulmonary tuberculosis. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(11):1354-1360.
33. KUIVANIEMI H, RYER E J, ELMORE J R, TROMP GC. Understanding the pathogenesis of abdominal aortic aneurysms. *Expert Review on Cardiovascular Therapy* 2015; **13**(9):975-987.
34. LANDOLFI JA, TERIO KA, MILLER MA, JUNECKO BF, REINHART T. Pulmonary Tuberculosis in Asian Elephants (*Elephas maximus*): Histologic Lesions with Correlation to Local Immune Responses. *Veterinary Pathology* 2015; **52**(3):535-542.
35. LE ROEX N, BERRINGTON C, VAN HELDEN EG, VAN HELDEN PD. Selective breeding: The future of TB management in African buffalo? *Acta Tropica* 2015; **149**:38-44.
36. LE ROEX N, COOPER D, VAN HELDEN PD, VAN HELDEN EG, JOLLES AE. Disease Control in Wildlife: Evaluating a Test and Cull Programme for Bovine Tuberculosis in African Buffalo. *Transboundary and Emerging Diseases* 2016; **63**(6): 647–657.
37. LEMMER Y, KALOMBO L, PIETERSEN RD, JONES AT, SEMETE-MAKOKOTLELA B, VAN WYNGAARDT S, RAMALAPA B, STOLTZ AC, BAKER B, VERSCHOOR JA, SWAI HS, DE CHASTELLIER C. Mycolic acids, a promising mycobacterial ligand for targeting of nanoencapsulated drugs in tuberculosis. *Journal of Controlled Release* 2015; **211**:94-104.
38. LOCHNER CP, JONES SM, HANZELKA BL, PEROLA E, SHOEN CM, CYNAMON MH, NGWANE AH, WIID IJF, VAN HELDEN PD, BETOUDJI F, NUERMBERGER EL, THOMSON JA. A Novel Inhibitor of Gyrase B is a Potent

- Drug Candidate for the Treatment of Tuberculosis and Non-Tuberculosis Mycobacteria. *Antimicrobial Agents and Chemotherapy* 2015; **59**(3):1455-1465.
39. MANDALAKAS AM, KIRCHNER HL, WALZL G, GIE RP, SCHAAF HS, COTTON MF, GREWAL HMS, HESSELING AC. Optimizing the Detection of Recent Tuberculosis Infection in Children in a High TB-HIV Burden Setting. *American Journal of Respiratory and Critical Care Medicine* 2015; **191**(7):820-830.
 40. MASSON L, PASSMORE JS, LIEBENBERG LJ, WERNER L, BAXTER C, ARNOLD KB, WILLIAMSON C, LITTLE F, MANSOOR LE, NARANBHAI V, LAUFFENBURGER DA, RONACHER K, WALZL G, GARRETT NJ, WILLIAMS BL, COUTO-RODRIGUEZ M, HORNIG M, LIPKIN WI, GROBLER A, KARIM QA, KARIM SSA. Genital Inflammation and the Risk of HIV Acquisition in Women. *Clinical Infectious Diseases* 2015; **61**(2):260-269.
 41. MASSON L, SALKINDER AL, OLIVIER AJ, MCKINNON LR, GAMIELDIEN H, MLISANA K, SCRIBA T, LEWIS DA, LITTLE F, JASPAN HB, RONACHER K, DENNY L, ABDOOL KARIM SS, PASSMORE JS. Relationship between female genital tract infections, mucosal interleukin-17 production and local T helper type 17 cells. *Immunology* 2015; **146**:557-567.
 42. MBUGI EV, KATALE BZ, SIAME KK, KEYYU JD, KENDALL SL, DOCKRELL HM, STREICHER EM, MICHEL AL, RWEYEMAMU MM, WARREN RM, MATEE MI, VAN HELDEN PD. Genetic diversity of Mycobacterium tuberculosis isolated from tuberculosis patients in the Serengeti ecosystem in Tanzania. *Tuberculosis* 2015; **95**(2):170-178.
 43. MERKEL M, BLIN C, MONA S, DUFORET-FREBOURG N, LECHER S, WILLERY E, BLUM M, RUSCH-GERDES S, MOKROUSOV I, ALEKSIC E, ALLIX-BEGUEC C, ANTIERENS A, AUGUSTYNOWICZ-KOPEC E, BALLIF M, BARLETTA F, BECK HP, BARRY III CE, BONNET M, BORRONI E, CAMPOS-HERRERO I, ET AL. Evolutionary history and global spread of the Mycobacterium tuberculosis Beijing lineage. *Nature Genetics* 2015; **47**:242-249.
 44. MIKOTA SK, GAIKHE K, GIRI K, HAMILTON K, MILLER MA, PAUDEL S, LYASHCHENKO K, LARSEN RS, PAYEUR JB, WATERS WR, GREENWALD R, DUMONCEAUX G, VINCENT B, KAUFMAN GE. Tuberculosis surveillance of elephants (*Elephas maximus*) in Nepal at the captive-wild interface. *European Journal of Wildlife Research* 2015; **61**(2):221-229.
 45. MILLER MA, BUSS P, HOFMEYER J, OLEO-POPELKA F, PARSONS SDC, VAN HELDEN PD. Antemortem Diagnosis of Mycobacterium bovis Infection in Free-Ranging African Lions (*Panthera leo*) and Implications for Transmission. *Journal of Wildlife Diseases* 2015; **51**(2):493-497.
 46. MILLER MA, BUSS P, WANTY R, PARSONS SDC, VAN HELDEN PD, OLEO-POPELKA F. Baseline hematologic results for free-ranging white rhinoceros (*Ceratotherium simum*) in Kruger National Park, South Africa. *Journal of Wildlife Diseases* 2015; **51**(4):916-922.
 47. MILLER MA, GREENWALD R, LYASHCHENKO K. Potential for serodiagnosis of tuberculosis in black rhinoceros (*Diceros bicornis*). *Journal of Zoo and Wildlife Medicine* 2015; **46**(1):100-104.
 48. MOUTON JM, LOOS B, MOOLMAN-SMOOK JC, KINNEAR CJ. Ascribing novel functions to the sarcomeric protein, myosin binding protein H (MyBPH) in cardiac sarcomere contraction. *Experimental Cell Research* 2015; **331**:338-351.
 49. MOUTON JM, PELLIZZON AS, GOOSEN A, KINNEAR CJ, HERBST PG, BRINK PA, MOOLMAN-SMOOK JC. Diagnostic disparity and identification of two TNNI3 gene mutations, one novel and one arising de novo, in South African

- patients with restrictive cardiomyopathy and focal ventricular hypertrophy. *Cardiovascular Journal of Africa* 2015; **26**(2):63-69.
50. MUTAI P, PAVADAI E, WIID IJF, NGWANE AH, BAKER B, CHIBALE K. Synthesis, antimycobacterial evaluation and pharmacophore modeling of analogues of the natural product formononetin. *Bio-organic & Medicinal Chemistry Letters* 2015; **25**:2510-2513.
 51. NICOL MP, GNANASHANMUGAM D, BROWNING R, CLICK ES, CUEVAS LE, DETJEN AK, GRAHAM SM, LEVIN M, MAKHENE M, NAHID P, PEREZ-VELEZ CM, REITHER K, SONG R, SPIEGEL HML, WORRELL C, ZAR H, WALZL G. A Blueprint to Address Research Gaps in the Development of Biomarkers for Pediatric Tuberculosis. *Clinical Infectious Diseases* 2015; **61**(S3):164-172.
 52. PIETERSEN E, PETER J, STREICHER EM, SIRGEL FA, ROCKWOOD N, MASTRAPA B, TE RIELE J, DAVIDS M, VAN HELDEN PD, WARREN RM, DHEDA K. High frequency of resistance, lack of clinical benefit, and poor outcomes in capreomycin treated South African patients with extensively drug-resistant tuberculosis. *PLoS ONE* 2015; **10**(4): e0123655, 13 pages.
 53. RONACHER K, JOOSTEN SA, VAN CREVEL R, DOCKRELL HM, WALZL G, OTTENHOFF THM. Acquired immunodeficiencies and tuberculosis: Focus on HIV/AIDS and Diabetes Mellitus. *Immunological Reviews* 2015; **264**(1):121-137.
 54. SALIE M, DAYA M, LUCAS LA, WARREN RM, VAN DER SPUY GD, VAN HELDEN PD, VAN HELDEN EG, MOLLER M. Association of toll-like receptors with susceptibility to tuberculosis suggests sex-specific effects of TLR8 polymorphisms. *Infection Genetics and Evolution* 2015; **34**:221-229.
 55. SALIE M, DAYA M, MOLLER M, VAN HELDEN EG. Activating KIRs alter susceptibility to pulmonary tuberculosis in a South African population. *Tuberculosis* 2015; **95**(6):817-821.
 56. SCHOEMAN M, ESSER MM, URBAN MF. Living with X-linked Agammaglobulinaemia (XLA) in a developing country setting: Clinical and counselling considerations in an affected family. *Current Allergy & Clinical Immunology* 2015; **28**(1):64-69.
 57. SCHURZ H, DAYA M, MOLLER M, VAN HELDEN EG, SALIE M. TLR1, 2, 4, 6 and 9 variants associated with tuberculosis susceptibility: a systematic review and meta-analysis. *PLoS ONE* 2015; **10**(10): e0139711, 24 pages.
 58. SIRGEL FA, WARREN RM, KLOPPER M, VICTOR TC, VAN HELDEN PD. Correction: The Rationale for Using Rifabutin in the Treatment of MDR and XDR Tuberculosis Outbreaks. *PLoS ONE* 2015; **10**(7): e0134190.
 59. SOLOMON GAE, JONES G, DE JONG G, MARAIS AD. Biochemical and genetic diagnosis of Smith-Lemli-Opitz syndrome in South Africa. *South African Journal of Child Health* 2015; **9**(1):23-26.
 60. STREICHER EM, SAMPSON SL, DHEDA K, DOLBY T, SIMPSON JA, VICTOR TC, GEY VAN PITTIUS NC, VAN HELDEN PD, WARREN RM. Molecular epidemiological interpretation of the extensively drug resistant tuberculosis epidemic in South Africa. *Journal of Clinical Microbiology* 2015; **53**(11):3650-3653.
 61. SY SKB, DE KOCK L, DIACON AH, WERELY CJ, XIA H, ROSENKRANZ B, VAN DER MERWE L, DONALD PR. N-Acetyltransferase genotypes and the pharmacokinetics and tolerability of para-aminosalicylic acid in patients with drug-resistant pulmonary tuberculosis. *Antimicrobial Agents and Chemotherapy* 2015; **59**(7):4129-4138.
 62. TANNER M, INLAMEIA O, MICHEL AL, MAXLHUZA G, PONDJA A, FAFETINE J, MACACULE B, ZACARIAS M, MANGUELE J, MOIANE I C,

- MARRANANGUMBE AS, MULANDANE F, SCHONFELD C, MOSER I, VAN HELDEN PD, MACHADO ADC. Bovine Tuberculosis and Brucellosis in Cattle and African Buffalo in the Limpopo National Park, Mozambique. *Transboundary and Emerging Diseases* 2015; **62**(6):632-638.
63. THERON GDV. How should laboratories measure bacterial load? *South African Respiratory Journal* 2015; **21**(3):54.
 64. TICHA LA, KLAASEN JA, GREEN IR, NAIDOO S, BAKER B, PIETERSEN RD. Phytochemical and antimicrobial screening of flavanones and chalcones from *Galenia africana* and *Dicerotheramus rhinocerotis*. *Natural Product Communications* 2015; **10**(7):1185-1190.
 65. TORRES JN, PAUL LV, RODWELL TC, VICTOR TC, AMALLRAJA AM, ELGHRAOUI A, GOODMANSON AP, RAMIREZ-BUSBY SM, CHAWLA A, ZADOROZHNY V, STREICHER EM, SIRGEL FA, CATANZARO D, RODRIGUES C, GLER MT, CRUDU V, CATANZARO A, VALAFAR F. Novel katG mutations causing isoniazid resistance in clinical *M. tuberculosis* isolates. *Emerging Microbes & Infections* 2015; **4**(7): e42, 9 pages.
 66. TRINH J, GUELLA I, MCKENZIE M, GUSTAVSSON EK, SZU-TU C, PETERSEN MS, RAJPUT A, RAJPUT AH, MCKEOWN M, JEON BS, AASLY JO, BARDIEN-KRUGER S, FARRER MJ. Novel LRRK2 mutations in Parkinsonism. *Parkinsonism & Related Disorders* 2015; **21**(9):1119-1121.
 67. URBAN MF. Genomics in medicine: From promise to practice. *SAMJ South African Medical Journal* 2015; **105**(7):545-547.
 68. URBAN MF, OLIVIER L, VILJOEN DL, LE ROUX C, LOUW JG, DROTSKY LM, TEMMERMAN M, CHERSICH MF. Prevalence of Fetal Alcohol Syndrome in a South African City with a Predominantly Black African Population. *Alcoholism-Clinical and Experimental Research* 2015; **39**(6):1016-1026.
 69. UYS PW, BRAND H, WARREN RM, VAN DER SPUY GD, VAN HELDEN EG, VAN HELDEN PD. The risk of tuberculosis reinfection soon after cure of a first disease episode is extremely high in a hyperendemic community. *PLoS ONE* 2015; **10**(12):1-4.
 70. VAN DER MERWE C, DASHTI ZJS, CHRISTOFFELS A, LOOS B, BARDIEN-KRUGER S. Evidence for a common biological pathway linking three Parkinson's disease-causing genes: parkin, PINK1 and DJ-1. *European Journal of Neuroscience* 2015; **41**(9):1113-1125.
 71. VAN DER WESTHUYZEN R, WINKS S, WILSON CR, BOYLE GA, GESSNER RK, SOARES DE MELO C, TAYLOR D, DE KOCK C, NJOROGI M, BRUNSCHWIG C, LAWRENCE N, RAO SPS, SIRGEL FA, VAN HELDEN PD, SELDON R, MOOSA A, WARNER DF, ARISTA L, MANJUNATHA UH, SMITH PW, STREET LJ, CHIB. Pyrrolo[3,4-c]pyridine-1,3(2H)-diones: A Novel Antimycobacterial Class Targeting Mycobacterial Respiration. *Journal of Medicinal Chemistry* 2015; **58**:9371-9381.
 72. VAN HELSEMA CL, CHIHOTA V, GEY VAN PITTIUS NC, FIELDING KL, LEWIS JJ, VAN HELDEN PD, CHURCHYARD GJ, GRANT AD. Clinical relevance of non-tuberculous mycobacteria isolated from sputum in a gold mining workforce in South Africa: an observational, clinical study. *Biomed Research International* 2015; **5**(4): 959107 10 pages.
 73. VAN RENSBURG IC, LOXTON AG. Transcriptomics: the key to biomarker discovery during tuberculosis? *Biomarkers in Medicine* 2015; **9**(5):483-495.
 74. VAN RIE A, WARREN RM. MDR tuberculosis control: time to change the dogma? *Lancet* 2015; **3**(12):907-909.

75. VILJOEN IM, VAN HELDEN PD, MILLAR RP. Mycobacterium bovis infection in the lion (*Panthera leo*): Current knowledge, conundrums and research challenges. *Veterinary Microbiology* 2015; **177**(3-4):252-260.
76. VISSER DH, SOLOMONS RS, RONACHER K, VAN WELL GT, HEYMANS MW, WALZL G, CHEGOU NN, SCHOEMAN JF, VAN FURTH AM. Host Immune Response to Tuberculous Meningitis. *Clinical Infectious Diseases* 2015; **60**(2):177-187.
77. WALZL G, HAKS MC, JOOSTEN SA, KLEYNHANS-CORNELISSEN L, RONACHER K, OTTENHOFF THM. Clinical Immunology and Multiplex Biomarkers of Human Tuberculosis. *Cold Spring Harbor Perspectives in Biology* 2015; **5**(4): a018515, 13 pages.
78. WANG L, AASLY JO, ANNESI G, BARDIEN-KRUGER S, BOZI M, BRICE A, CARR JA, CHUNG SJ, CLARKE C, CROSIERS D, DEUTSCHLANDER A, ECKSTEIN G, FARRER MJ, GOLDWURM S, GARRAUX G, HADJIGEORGIOU GM, HICKS AA, HATTORI N, KLEIN C, JEON B, KIM YJ, LESAGE S, LIN JJ, LYNCH. Large-scale assessment of polyglutamine repeat expansions in Parkinson disease. *Neurology* 2015; **85**(15):1283-1292.
79. WHITFIELD MG, SOETERS HM, WARREN RM, YORK T, SAMPSON SL, STREICHER EM, VAN HELDEN PD, VAN RIE A. A Global Perspective on Pyrazinamide Resistance: Systematic Review and Meta-analysis. *PLoS ONE* 2015; **10**(7): e0133869, 16 pages.
80. WHITFIELD MG, WARREN RM, STREICHER EM, SAMPSON SL, SIRGEL FA, VAN HELDEN PD, MERCANTE A, WILLBY M, HUGHES K, BIRKNESS K, MORLOCK G, VAN RIE A, POSEY JE. Mycobacterium tuberculosis pncA polymorphisms that do not confer pyrazinamide resistance at a breakpoint concentration of 100ug/ml in MGIT. *Journal of Clinical Microbiology* 2015; **53**(11):3633-3635.
81. WILLIAMS MJ, SHANLEY CA, ZILAVY A, PEIXOTO B, MANCA C, KAPLAN G, ORME IM, MIZRAHI V, KANA BD. bis-Molybdopterin guanine dinucleotide is required for persistence of Mycobacterium tuberculosis in guinea pigs. *Infection and Immunity* 2015; **83**(2):544-550.

Proceedings International

1. VILJOEN IM, BOUWMAN H. DDT concentrations in *Xenopus* sp. fat and the Grey Heron eggs in the Limpopo Province of South Africa. 7th International Toxicology Symposium in Africa (ISTA7), Johannesburg, South Africa, Hindrik Bouwman 2015: 75-76

Chapters in Books

1. DU PLESSIS-BURGER N, WALZL G. Helminth-M.tb Co-Infection. In: Horsnell W (ed.) *How Helminths Alter Immunity to Infection*, Springer, New York, USA, 2014: 49-74.

NEUROSURGERY

Journal articles

1. JOSEPH C, DELCARME A, VLOK AJ, WAHMAN K, PHILLIPS J, NILSSON WIKMAR L. Incidence and aetiology of traumatic spinal cord injury in Cape Town, South Africa: a prospective, population-based study. *Spinal Cord* 2015; **53**(9):692-696.

NUCLEAR MEDICINE

Journal articles

1. AKUDUGU JM, SERAFIN AM. The role of Bak-mediated dissipation of mitochondrial membrane potential in radiosensitivity of Bax-negative human prostate cancer cells. *Journal of Medical and Scientific Research* 2015; **3**(1):27-32.
2. AKUDUGU JM, SERAFIN AM, BOHM LEJF. Further evaluation of uPA and PAI-1 as biomarkers for prostatic diseases. *Journal of Cancer Research and Clinical Oncology* 2015; **141**(4):627-631.
3. DU TOIT HR, VON GROOTE-BIDLINGMAIER FT, SHAW JA, IRUSEN EM, WARWICK JM, KOEGELENBERG CFN. The diagnostic accuracy of integrated positron emission tomography/computed tomography in the evaluation of pulmonary mass lesions in a tuberculosis-endemic area. *SAMJ South African Medical Journal* 2015; **105**(12):1049-1052.
4. HAMUNYELA RH, SERAFIN AM, HAMID MB, MALEKA S, ACHEL D, AKUDUGU JM. A cocktail of specific inhibitors of HER-2, PI3K, and mTOR radiosensitises human breast cancer cells. *Journal of Cancer Biology and Therapeutics* 2015; **1**(1):46-56.
5. JIMENEZ-HEFFERNAN A, ELLMANN A, SADO H, HUIC D, BAL C, PARAMESWARAN R, GIAMMARILE F, PRUZZO R, KOSTADINOVA I, VORSTER M, ALMEIDA P, SANTIAGO J, GAMBHIR S, SERGIEVA S, CALDERON A, OH YOUNG G, VALDES-OLMOS R, ZAKNUN J, MAGBOO VP, PASCUAL TNB. Results of prospective multicentre International Atomic Energy Agency sentinel node trial on the value of SPECT/CT over planar imaging in various malignancies. *Journal of Nuclear Medicine* 2015; **56**(9):1338-1344.
6. MALEKA S, SERAFIN AM, HAMUNYELA RH, HAMID MB, ACHEL D, AKUDUGU JM. NVP-BEZ235 enhances radiosensitivity of human prostate cancer cells but acts as a radioprotector to normal prostate cells. *Journal of Cancer Biology and Therapeutics* 2015; **1**(1):38-45.
7. SERAFIN AM, AKUDUGU JM, BOHM LEJF. Influence of freeze-drying on the recovery of the tumour invasion markers uPA and PAI-1 from prostate cancer resections. *Annals of Clinical Biochemistry* 2015; **52**(3):387-394.
8. SHAW JA, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, WARWICK JM, JEREMIC B, DU TOIT HR, KOEGELENBERG CFN. Integrated positron emission tomography/computed tomography for evaluation of mediastinal lymph node staging of non-small-cell lung cancer in a tuberculosis-endemic area: A 5-year prospective observational study. *SAMJ South African Medical Journal* 2015; **105**(2):145-150.
9. VAN DER BIJL P, DORUYTER AGG, DE DECKER R, LAWRENSON J, COMITIS G, HEWITSON J. Chest pain on exertion after the Takeuchi repair of anomalous

origin of the left coronary artery: Right ventricular ischemia due to severe pulmonary outflow tract obstruction. *World Journal for Pediatric and Congenital Heart Surgery* 2015; **6**(1):90-92.

NURSING SCIENCE

Journal articles

1. ANTHONIE RFG, VAN DER HEEVER MM. Experiences of critical care nurses regarding the utilization of enrolled nurses as relief staff in critical care units in the private sector. *International Journal of Nursing & Midwifery* 2015; **7**(12):175-181.
2. CROWLEY T, MAYERS P. Trends in task shifting in HIV treatment in Africa: Effectiveness, challenges and acceptability to the health professions. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-9.
3. CROWLEY T, STELLENBERG EL. An evaluation of the adequacy of pharmaceutical services for the provision of antiretroviral treatment in primary health care clinics. *Health SA Gesondheid* 2015; **20**:83-90.
4. CROWLEY T, WOOLGAR HL. Streamlining primary care for HIV/TB co-infected patients through service integration. *HIV Nursing Matters* 2015; **xx**: 28-32.
5. JOYNER K. Intimate partner violence against women and HIV. *HIV Nursing Matters* 2015; **xx**: 12-15.
6. MORGAN JJ, JEGGELS JD. Factors influencing the infant feeding choices of HIV-positive mothers at a level two hospital in Cape Town. *African Jnl of Midwifery and Women's Health* 2015; **9**(2):66-70.
7. M'RITHAA DKM, FAWCUS S, KORPELA M, DE LA HARPE R. The expected and actual communication of health care workers during the management of intrapartum: An interpretive multiple case study. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-8.
8. NEL N, STELLENBERG EL. Nursing students' perception of simulation as a clinical teaching method in the Cape Town Metropole, South Africa. *African Journal of Health Professions Education* 2015; **7**(2):176-179.
9. SNYMAN ISDW, VON PRESSENTIN KB, CLARKE M. International Classification of Functioning disability and Health: catalyst for interprofessional education and collaborative practice. *Journal of Interprofessional Care* 2015; **29**(4): 313-319.
10. STELLENBERG EL. Accessibility, affordability and use of health services in an urban area in South Africa. *Curationis: Research Journal of the Democratic Nursing Organisation of South Africa* 2015; **38**(1):1-7.
11. STELLENBERG EL, ABRAHAMS J. Prevalence of and factors influencing postnatal depression in a rural community in South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-8.
12. STELLENBERG EL, VAN ZYL MA, EYGELAAR JE. Knowledge of community care workers about key family practices in a rural community in South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1):1-7.

OBSTETRICS AND GYNAECOLOGY

Journal articles

1. ADACHI K, KLAUSNER JD, BRISTOW CC, XU J, ANK B, MORGADO MG, WATTS DH, WEIR F, PERSING D, MOFENSON LM, VELOSO VG, PILOTTO JH, JOAO E, NIELSEN-SAINES K, THERON GB, ET AL. Chlamydia and Gonorrhoea in HIV-Infected Pregnant Women and Infant HIV Transmission. *Sexually Transmitted Diseases* 2015; **42**(10):554-565.
2. ANDERSSON MI, RAJBHANDARI R, KEW MC, VENTO S, PREISER W, HOEPELMAN AIM, THERON GB, COTTON MF, COHN J, GLEBE D, LESI O, THURSZ M, PETERS M, CHUNG R, WIYSONGE CSU. Mother-to-child transmission of hepatitis B virus in sub-Saharan Africa: time to act. *Lancet Global Health* 2015; **3**: e358-e359.
3. BICCARD BM, MADIBA TE, PEARSE RM, ALEXANDRIS P, BHAGWANDASS DR, BOFFARD K, COETZEE AR, ESTERHUIZEN T, FOURIE CE, MACHEKANO R, VAN DER MERWE HD, WARREN BL, ET AL. The South African Surgical Outcomes Study: A 7-day prospective observational cohort study. *SAMJ South African Medical Journal* 2015; **105**(6):456-475.
4. BOTHA MHH. Pharmacological options for the protection of ovarian function in patients undergoing chemotherapy. *Southern African Journal of Gynaecological Oncology (Formerly South African Society of Gynaecologic Oncology)* 2015; **7**(1):27-33.
5. BOTHA MHH, RICHTER KL. Cervical cancer prevention in South Africa: HPV vaccination and screening both essential to achieve and maintain a reduction in incidence. *SAMJ South African Medical Journal* 2015; **105**(1):33-34.
6. BOTHA MHH, VAN DER MERWE FH, SNYMAN LC, DREYER G. The Vaccine and Cervical Cancer Screen (VACCS) project: Acceptance of human papillomavirus vaccination in a school-based programme in two provinces of South Africa. *SAMJ South African Medical Journal* 2015; **105**(1):40-43.
7. BOTHA MHH. Natural History of Human Papilloma Virus Infection of the Cervix. *Current Obstetrics and Gynecology Reports* 2015; **4**:189-194.
8. BROWNFOOT F, CLUVER CA, WALKER SP. Persistent reversed end diastolic flow in the fetal middle cerebral artery: an ominous finding. *Ultrasound* 2015; **23**(3):186-189.
9. BUDHRAM S. Cardiac arrest in pregnancy: Case report and review of the literature. *South African Journal of Obstetrics and Gynaecology* 2015; **21**(1):10-11.
10. CLUVER CA, GYTE GML, SINCLAIR M, DOWSWELL T, HOFMEYR GJ. Interventions for helping to turn term breech babies to head first presentation when using external cephalic version (Review). *Cochrane Database of Systematic Reviews* 2015; **2**: Art. No.: CD000184, 104 pages.
11. CLUVER CA, HOFMEYR GJ. Posterior axilla sling traction for shoulder dystocia: case review and a new method of shoulder rotation with the sling. *American Journal of Obstetrics & Gynecology* 2015; **212**:1-7.
12. CLUVER CA, WALKER SP, MOL BW, THERON GB, HALL DR, HISCOCK R, HANNAN N, TONG S. Double blind, randomised, placebo-controlled trial to evaluate the efficacy of esomeprazole to treat early onset pre-eclampsia (PIE Trial): a study protocol. *BMJ Open* 2015; **5**:1-8.
13. DE VILLIERS TJ. The role of menopausal hormone therapy in the management of osteoporosis. *Climacteric* 2015; **18**(Suppl. 2):19-21.

14. DREYER G, VAN DER MERWE FH, BOTHA MHH, SNYMAN LC, CONSTANT D, VISSER C, HARVEY J. School-based human papillomavirus vaccination: An opportunity to increase knowledge about cervical cancer and improve uptake of screening. *SAMJ South African Medical Journal* 2015; **105**(11):912-916.
15. DU TOIT GC. Die identifisering van 'n geskikte vraelys vir die bepaling van lewenskwaliteit by Suid-Afrikaanse vroue met serviekskanker. *South African Journal for Science and Technology / Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2015; **10**(4102):1-5.
16. DU TOIT GC, KIDD M. A prospective study of demographic features and quality of life in HIV-positive women with cervical cancer treated at Tygerberg Hospital. *Southern African Journal of HIV Medicine* 2015; **16**(1):1-5.
17. DU TOIT GC, KIDD M. Prospective quality of life study of South African women undergoing treatment for advanced-stage cervical cancer. *Clinical Therapeutics* 2015; **37**(10):2324-2331.
18. GEBHARDT GS. Preparing for caesarean delivery. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:13-19.
19. GEBHARDT GS, FAWCUS S, MOODLEY J, FARINA Z. Maternal death and caesarean section in South Africa: Results from the 2011 - 2013 Saving Mothers Report of the National Committee for Confidential Enquiries into Maternal Deaths. *SAMJ South African Medical Journal* 2015; **105**(4):287-291.
20. GEBHARDT GS, OBERHOLZER L. Elective delivery at term after a previous unexplained intra-uterine fetal death: Audit of delivery outcome at Tygerberg Hospital, South Africa. *PLoS ONE* 2015; **10**(6):1-11.
21. GEERTS LTGM, ROSSOUW JN, VAN WYK AC, WRIGHT CA. Limitations of middle cerebral artery peak systolic velocity in the detection of severe anaemia: A case report. *South African Journal of Obstetrics and Gynaecology* 2015; **22**(2):44-45.
22. GEERTS LTGM, ROSSOUW JN, WRIGHT CA. Middle cerebral artery peak systolic velocity: Its limitations in the detection of severe anaemia: A case report. *South African Journal of Obstetrics and Gynaecology* 2015; **21**(2):44-45.
23. GIULIANO AR, BOTHA MHH, ZEIER MD, ABRAHAMSEN ME, GLASHOFF RH, VAN DER LAAN LE, PAPENFUSS M, ENGELBRECHT S, SCHIM VAN DER LOEFF MF, SUDENGA L, TORRES BN, KIPPING S, TAYLOR D. High HIV, HPV and STI Prevalence Among Young Western Cape, South African Women: EVRI HIV Prevention Preparedness Trial. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **68**(2):227-235.
24. HALL DR, DU TOIT MA, MASON D, CONRADIE M. Diabetes mellitus in pregnancy, still changing. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(3):108-114.
25. HENN EW, JUUL L, VAN RENSBURG JA. Pelvic organ prolapse in the neonate: report of two cases and review of the literature. *International Urogynecology Journal* 2015; **26**:613-615.
26. HIMES SK, DUKES KA, TRIPP T, PETERSEN JM, RAFFO C, BURD L, ODENDAAL HJ, ET AL. Clinical sensitivity and specificity of meconium fatty acid ethyl ester, ethyl glucuronide, and ethyl sulfate for detecting maternal drinking during pregnancy. *Clinical Chemistry* 2015; **61**(3):523-532.
27. HOFMEYR GJ, SEUC AH, BETRAN AP, PURNAT TD, CIGANDA A, MUNJANJA SP, MANYAME S, SINGATA M, FAWCUS S, FRANK K, HALL DR. The effect of calcium supplementation on blood pressure in non-pregnant women with previous pre-eclampsia: An exploratory, randomized placebo controlled

- study. *Pregnancy Hypertension: An International Journal of Women's Cardiovascular Health* 2015; **5**:273-279.
28. IBRAHIM S, JAREFORS E, NEL DG, VOLLMER L, GROENEWALD CA, ODENDAAL HJ. Effect of maternal position and uterine activity on periodic maternal heart rate changes before elective cesarean section at term. *Acta Obstetrica et Gynecologica Scandinavica* 2015; **17**:1-8.
 29. IRUSEN PH, ROHWER AC, STEYN DW, YOUNG TN. Treatments for breast abscesses in breastfeeding women. *Cochrane Database of Systematic Reviews* 2015; **8**: Art. No.: CD 010490, 56 pages.
 30. LAUBSCHER N, DREYER G, SNYMAN LC, BOTHA MHH, VAN DER MERWE FH, VISSER C, BURDEN R, LINDEQUE BG. The Vaccine and Cervical Cancer Screen project: experiences from a primary school-based vaccine implementation study in Gauteng and the Western Cape, South Africa. *Professional Nursing Today* 2015; **19**(2):28-31.
 31. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. Bcl-2 confers survival in cisplatin treated cervical cancer cells: circumventing cisplatin dose-dependent toxicity and resistance. *Journal of Translational Medicine* 2015; **13**(328):1-8.
 32. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. The role of mTOR during cisplatin treatment in an in vitro and ex vivo model of cervical cancer. *Toxicology* 2015; **335**:72-78.
 33. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. A Nontoxic concentration of cisplatin induces Autophagy in cervical cancer. Selective cancer cell death with autophagy inhibition as an adjuvant treatment. *International Journal of Gynecological Cancer* 2015; **25**(3):380-388.
 34. MOLELEKWA VG, KRUGER TF. The management of a patient with Globozoospermia - A case report. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:19-20.
 35. MOLELEKWA VG, SIEBERT TI. Recurrent implantation failure in the setting of severe endometriosis - Case report. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:15-17.
 36. MUFENDA JK, GEBHARDT GS, VAN ROOYEN R, THERON GB. Introducing a mobile-connected umbilical Doppler device into a primary care maternity setting: Does this reduce unnecessary referrals to specialised care? Results of a pilot study in Kraaifontein, South Africa. *PLoS ONE* 2015; **10**:1-13.
 37. NOVIKOVA N, HOFMEYR GJ, CLUVER CA. Tranexamic acid for preventing postpartum haemorrhage. *Cochrane Database of Systematic Reviews* 2015; **6**: Art. No.: CD007872, 64 pages.
 38. PALACIOS S, SILVERMAN SL, DE VILLIERS TJ, LEVINE AB, GOEMAERE S, BROWN JP, NARDONE FDC, WILLIAMS R, HINES TL, MIRKIN S, CHINES AA. A 7-year randomized, placebo-controlled trial assessing the long-term efficacy and safety of bazedoxifene in postmenopausal women with osteoporosis: effects on bone density and fracture. *Menopause-The Journal of the North American Menopause Society* 2015; **22**(8):806-813.
 39. PAYNE BA, GROEN H, UKAH UV, ANSERMINO JM, BHUTTA Z, GROBMAN W, HALL DR, HUTCHEON JA, MAGEE LA, VON DADELSZEN P. Development and internal validation of a multivariable model to predict perinatal death in pregnancy hypertension. *Pregnancy Hypertension: An International Journal of Women's Cardiovascular Health* 2015; **5**:315-321.

40. PAYNE BA, HUTCHEON JA, DUNSMUIR D, CLOETE G, DUMONT G, HALL DR, LIM J, MAGEE LA, SIKANDAR R, QURESHI R, VAN PAPENDORP E, ANSERMINO JM, VON DADELSZEN P. Assessing the incremental value of blood oxygen saturation (SpO₂) in the miniPIERS (Pre-eclampsia Integrated Estimate of RiSk) Risk Prediction Model. *Journal of Obstetrics and Gynaecology Canada* 2015; **1**:16-24.
41. PRINCE DL, THOMAS V. The pathogenesis of endometriosis: still searching for answers. *O&G Forum* 2015; **25**(4):31-38.
42. ROOS A, GEERTS LTGM, KOEN L, FAURE SC, VYTHILINGUM B, STEIN D. Psychosocial predictors of fetoplacental blood flow during pregnancy. *Comprehensive Psychiatry* 2015; **57**:125-131.
43. SIEBERT TI. The HIV serodiscordant couple. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:33-35.
44. SIEBERT TI. Lifestyle and the influence on semen parameters. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:1-3.
45. SIEBERT TI. Early recurrent pregnancy loss. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:28-31.
46. SNYMAN LC, DREYER G, VISSER C, BOTHA MHH, VAN DER MERWE FH. The Vaccine and Cervical Cancer Screen project 2 (VACCS 2): Linking cervical cancer screening to a two-dose HPV vaccination schedule in the South-West District of Tshwane, Gauteng, South Africa. *SAMJ South African Medical Journal* 2015; **105**(3):191-194.
47. TONG S, KAITU'U-LINO KJ, ONDA K, BEARD S, HASTIE R, BINDER NK, CLUVER CA, TUOHEY L, WHITEHEAD C, BROWNFOOT F, DE SILVA M, HANNAN N. Heme Oxygenase-1 is not decreased in preeclamptic placenta and does not negatively regulate placental soluble fms-like tyrosine kinase-1 or soluble endoglin secretion. *Hypertension* 2015; **66**:1073-1081.
48. VAN RENSBURG JA. Urinary tract infection in elderly women. *Menopause Focus* 2015; **3**(3):17-21.
49. VIOLA MI, HULME VA, SIEBERT TI, KRUGER TF. Anabolic steroid induced hypogonadism. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:9-11.
50. VIOLA MI, VAN DER MERWE JP, SIEBERT TI, KRUGER TF. Spine cord injury and male infertility. *South African Journal of Obstetrics and Gynaecology* 2015; **25**:23-25.
51. YEGANEH N, WATTS DH, CAMARCA M, SOARES G, JOAO E, PILOTTO JH, GRAY G, THERON GB, SANTOS B, FONSECA R. Syphilis in HIV-infected mothers and infants. *Pediatric Infectious Disease Journal* 2015; **34**(3):52-57.
52. ZEIER MD, BOTHA MHH, ENGELBRECHT S, MACHEKANO R, JACOBS GB, ISAACS S, VAN SCHALKWYK M, NACHEGA JB. Combination antiretroviral therapy reduces the detection risk of cervical human papilloma virus infection in women living with HIV. *Aids* 2015; **29**:59-66.

Chapters in Books

1. BOTHA MHH. Cervical Cancer. In: Droz J, Carme B, Couppie P, Nacher M, Thieblemont C (eds.) *Tropical Hemato-Oncology*, Springer, London, United Kingdom, 2015: 303-314.

OCCUPATIONAL THERAPY

Journal articles

1. ATWAL A, SPILIOTOPOULOU G, COLEMAN C, HARDING K, QUIRKE C, SMITH N, OSSEIRAN Z, PLASTOW NA, WILSON L. Polio survivors' perceptions of the meaning of quality of life and strategies used to promote participation in everyday activities. *Health Expectations* 2015; **18**(5):715-726.
2. DE KLERK SM, BUCHANAN H, PRETORIUS B. Occupational therapy hand assessment practices: Cause for concern? *South African Journal of Occupational Therapy* 2015; **45**(2):43-50.
3. DE KLERK SM, COETZEE Z. The inter-rater reliability of the Smith hand function test: A South African perspective. *Hand Therapy* 2015; **20**(3):88-94.
4. KLOPPERS M, KOORNHOF HE, BESTER J, BARDIEN F. Students' experiences of inter-professional education through International Classification of Functioning-based activities at a community based rehabilitation centre. *African Journal of Health Professions Education* 2015; **7**(1):22-25.
5. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation Clinics: International* 2015; **2**(7):1-7.
6. PLASTOW NA, ATWAL A, GILHOOLY M. Food activities and identity maintenance in old age: A systematic review and meta-synthesis. *Aging & Mental Health* 2015; **19**(8):667-678.
7. PLASTOW NA, ATWAL A, GILHOOLY M. Food Activities and Identity Maintenance among Community-living seniors: A Grounded Theory Study. *American Journal of Occupational Therapy* 2015; **19**(8):667-678.
8. VAN NIEKERK L, COETZEE Z, ENGELBRECHT MH, HAJWANI Z, TERREBLANCHE SE. Time utilisation trends of supported employment for people with mental disability in South Africa. *Work* 2015; **52**(9):825-833.

Chapters in Books

1. BESTER J. A Community-Based Service-Learning Project - Reflecting on How the Inputs Given by Students to Volunteers from the Community Have Contributed to Sustainability. In: Lan Lin P, Wiegand MR, Smith-Tolken AR (eds.) *Service-Learning in Higher Education: Building Community Across the Globe*, University of Indianapolis Press, Indianapolis, USA, 2015: 35-41.

OPHTHALMOLOGY

Journal articles

1. ABU-AMERO AK, AL HAGR A, ALMOMANI MO, AZAD TA, ALORAINY IA, OYSTRECK DT, BOSLEY TM. HOXA1 Mutations are not Commonly associated with Non-Syndromic Deafness. *Canadian Journal of Neurological Sciences* 2014; **41**(4):448-451.
2. AREVALO JF. Intraoperative Spectral Domain Optical Coherence Tomography; Its Time has Come. *Journal of Ophthalmic and Vision Research* 2015; **10**(3):209-210.

3. AUNG T, OZAKI M, MIZOGUCHI T, ALLINGHAM RR, HARIPRIYA A, NAKANO S, UEBE S, RAUTENBACH RM, ZISKIND A, ET AL. A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. *Nature Genetics* 2015; **47**(4):387-392.
4. DOLZ-MARCO R, GALLEGO-PINAZO R, DIAZ-LLOPIS M, CUNNINGHAM JR ET, AREVALO JF. Noninfectious uveitis: strategies to optimize treatment compliance and adherence. *Clinical Ophthalmology* 2015; **9**(1):1477-1481.
5. GOODMAN MB, ZISKIND A. Fundus auto fluorescence and spectral domain ocular coherence tomography in the early detection of chloroquine retinopathy. *South African Optometrist* 2015; **74**(1): Art. #297, 5 pages.
6. HARVEY J, LAAKS D, SMIT DP. Polymerase chain reaction to search for Herpes viruses in uveitic and healthy eyes: A South African perspective. *African Health Sciences* 2015; **15**:748-754.
7. MEYER D, GOODING C. Intralesional Bleomycin as an Adjunct Therapeutic Modality in Eyelid and Extraocular Malignancies and Tumors. *Middle East African journal of Ophthalmology* 2015; **22**(4):410-414.
8. NAVARRO RM, MACHADO LM, MAIA JR O, WU L, FARAH ME, MAGALHAES JR O, AREVALO JF, MAIA M. Small-Gauge Pars Plana Vitrectomy for the Management of Symptomatic Posterior Vitreous Detachment after Phacoemulsification and Multifocal Intraocular Lens Implantation: A Pilot Study from the Pan-American Collaborative Retina Study Group. *Journal of Ophthalmology* 2015; **2015**: Article ID 156910, 7 pages.
9. ROIG-REVERT MJ, LLEÓ-PÉREZ A, ZANÓ-MORENO V, VIVAR-LLOPIS B, MARÍN-MONTIEL J, DOLZ-MARCO R, ALONSO-MUÑOZ L, ALBERT-FORT M, AREVALO JF, ET AL AL. Enhanced Oxidative Stress and Other Potential Biomarkers for Retinopathy in type 2 Diabetics: Beneficial Effects of the Nutraceutical Supplements. *BioMed Research International* 2015; **2015**: Article ID 408180, 12 pages.

ORTHOPAEDIC SURGERY

Journal articles

1. KING PR, IKRAM A, LAMBERTS RP. The treatment of clavicle shaft fractures with a novel intramedullary locking device. *Journal of Shoulder and Elbow Surgery* 2015; **42**(1):1-6.
2. MANN TN, PLATT CE, LAMBERTS RP, LAMBERT MI. Faster heart rate recovery with increased RPE after an 87km ultramarathon: paradoxical findings with implications for monitoring athletes. *Journal of Strength and Conditioning Research* 2015; **29**(12):3343-3352.
3. OTTER RT, BRINK MS, LAMBERTS RP, LEMMINK KAPM. A new submaximal ergometer test to predict 2000m rowing performance. *Journal of Strength and Conditioning Research* 2015; **29**(9):2426-2433.
4. VENTER RG, SOLOMON C, BAARTMAN M. Mycobacterium fortuitum as infectious agent in a septic total knee replacement: Case study and literature review. *SA Orthopaedic Journal* 2015; **14**(2):52-56.

OTORHINOLARYNGOLOGY

Journal articles

1. AFROGHEH A, PELSER A, HILLE J, ATTWOOD R, LOOCK JW, SCHUBERT PT. Application of liquid-based Transepithelial Flexible Brush Cytology in the Detection of High-Grade Laryngeal Mucosal Lesions. *Diagnostic Cytopathology* 2015; **43**(1):21-27.
2. KARRO RS, GOUSSARD P, LOOCK JW, GIE RP. The simple bread tag – a menace to society? *SAMJ South African Medical Journal* 2015; **105**(5):342-344.

PAEDIATRIC SURGERY

Journal articles

1. SCHAAF HS, GARCIA-PRATS AJ, DONALD PR. Antituberculosis drugs in children. *Clinical Pharmacology & Therapeutics* 2015; **98**(3):252-265.

PEDIATRICS AND CHILD HEALTH

Journal articles

1. ALHAMUD A, TAYLOR PA, LAUGHTON B, VAN DER MERWE AJW, MEINTJES E. Motion Artifact Reduction in Pediatric Diffusion Tensor Imaging Using Fast Prospective Correction. *Journal of Magnetic Resonance Imaging* 2015; **41**:1353-1364.
2. ALLWOOD BW, GOLDIN J, SAID-HARTLEY Q, VAN ZYL-SMIT RN, CALLIGARO G, ESMAIL A, BEYERS N, BATEMAN ED. Assessment of previous tuberculosis status using questionnaires, chest X-rays and computed tomography scans. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(12):1435-1440.
3. ALSLEBEN N, GARCIA-PRATS AJ, HESSELING AC, WILLEMSE M, DONALD PR, SCHAAF HS. Successful Treatment of a Child with Extensively Drug-Resistant Tuberculous Meningitis. *Journal of the Pediatric Infectious Diseases Society* 2015; **4**(3): e41-e44.
4. ANDERSSON MI, RAJBHANDARI R, KEW MC, VENTO S, PREISER W, HOEPELMAN AIM, THERON GB, COTTON MF, COHN J, GLEBE D, LESI O, THURSZ M, PETERS M, CHUNG R, WIYSONGE CSU. Mother-to-child transmission of hepatitis B virus in sub-Saharan Africa: time to act. *Lancet Global Health* 2015; **3**: e-358-e359.
5. ANDRONIKOU S, ACKERMANN C, LAUGHTON B, COTTON MF, TOMAZOS N, SPOTTISWOODE B, MAUFF K, PETTIFOR JM. Corpus callosum thickness on mid-sagittal MRI as a marker of brain volume: a pilot study in children with HIV-related brain disease and controls. *Pediatric Radiology* 2015; **45**:1016-1025.
6. AZZONI L, BARBOUR R, PAPASAVVAS E, GLENCROSS DK, STEVENS WS, COTTON MF, VIOLARI A, MONTANER LJ. Early ART Results in greater immune reconstitution benefits in HIV-infected infants: working with data missingness in a longitudinal dataset. *PLoS ONE* 2015; **10**(12): e0145320.
7. BEKKER A. Tuberculosis in pregnancy within the context of HIV. *HIV Nursing matters* 2015; **6**(1):25-27.

8. BLAKNEY AK, TCHAKOUTE CT, HESSELING AC, KIDZERU EB, JONES CE, PASSMORE JS, SODORA DL, GRAY C, JASPAN HB. Delayed BCG vaccination results in minimal alterations in T cell immunogenicity of acellular pertussis and tetanus immunizations in HIV-exposed infants. *Vaccine* 2015; **33**:4782-4789.
9. BRINK AJ, COTTON MF, FELDMAN C, FINLAYSON H, FRIEDMAN R, GREEN RJ, HENDSON W, HOCKMAN MH, MAARTENS G, MADHI SA, REUBENSON G, SILVERBAUER EJ, ZIETSMAN IL. Updated recommendations for the management of upper respiratory tract infections in South Africa. *SAMJ South African Medical Journal* 2015; **105**(5):345-352.
10. CHOTUN BN, NEL EDLR, COTTON MF, PREISER W, ANDERSSON MI. Hepatitis B virus infection in HIV-exposed infants in the Western Cape, South Africa. *Vaccine* 2015; **33**(36):4618-4622.
11. COTTON MF, HOLGATE SL, NELSON A, RABIE H, WEDDERBURN C, MIROCHNICK M. The last and first frontier – emerging challenges for HIV treatment and prevention in the first week of life with emphasis on premature and low birth weight infants. *Journal of the International Aids Society* 2015; **18**(Suppl. 6):20271, 5 pages.
12. COTTON MF, MACLOU SN. Comment on: “Adverse Drug Reactions and Clinical Outcomes in Patients Initiated on Antiretroviral Therapy: A Prospective Cohort Study from Ethiopia”. *Drug Safety* 2015; **38** (7): 629-639.
13. COTTON MF, RABIE H. Universal children's day - let's improve current interventions to reduce vertical transmission of HIV now. *Journal of the International Aids Society* 2014; **17**:19875.
14. COTTON MF, RABIE H. Maintenance of antiretroviral efficacy in children. *Lancet* 2015; **2**(4): e120-e121.
15. COTTON MF, RABIE H. Impact of earlier combination antiretroviral therapy on outcomes in children. *Current Opinion in HIV and AIDS* 2015; **10**(1):12-17.
16. DANG NA, MOURAO M, KUIJPER S, WALTERS E, JANSSEN H-G, KOLK AHJ. Direct detection of *Mycobacterium tuberculosis* in sputum using combined solid phase extraction-gas chromatography-mass spectrometry. *Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences* 2015; **986-987**:115-122.
17. DAVIES M-A, FORD N, RABIE H, FATTI G, STINSON K, GIDDY J, TANSER F, TECHNANU K, SAWRY S, ELEY B, WOOD R, MOFENSON LM, KEISER O, BOULLE A. Reducing CD4 Monitoring in Children on Antiretroviral Therapy with Virologic Suppression. *Pediatric Infectious Disease Journal* 2015; **34**:1361-1364.
18. DAWSON R, DIACON AH, EVERITT D, VAN NIEKERK C, DONALD PR, BURGER DA, SCHALL R, SPIGELMAN M, CONRADIE A, EISENACH K, VENTER A, IVE P, PAGE-SHIPPI L, VARIAVA E, REITHER K, NTINGINYA E, PYM A, VON GROOTE-BIDLINGMAIER FT, MENDEL CM. Efficiency and safety of the combination of moxifloxacin, pretomanid (PA-824), and pyrazinamide during the first 8 weeks of antituberculosis treatment: a phase 2b, open-label, partly randomised trial in patients with drug-susceptible or drug-resistant pulmonary tuberculosis. *Lancet* 2015; **385**(9979):1738-1747.
19. DIACON AH, DAWSON R, VON GROOTE-BIDLINGMAIER F, SYMONS G, VENTER A, DONALD PR, VAN NIEKERK C, EVERITT D, HUTCHINGS J, BURGER DA, SCHALL R, MENDEL CM. Bacterial Activity of Pyrazinamide and Clofazimine Alone and in Combinations with Pretomanid and Bedaquiline. *American Journal of Respiratory and Critical Care Medicine* 2015; **191**(8):943-953.

20. DONALD PR. The influence of NAT-1 genotype on Para-aminosalicylic acid (PAS) pharmacokinetics and intolerance following once daily or twice daily PAS dosing. *Journal of infectious diseases & therapy* 2015; **3**(4):51.
21. DONALD PR, DIACON AH. Para-aminosalicylic acid: the return of an old friend. *Lancet Infectious Diseases* 2015; **3**:1091-1099.
22. DRAMOWSKI A, BLOOMBERG L, WEYER J. Protecting frontline health care workers: practical Ebola virus disease prevention and control. *African Newsletter on Occupational Health and Safety* 2015; **25**:11-15.
23. DRAMOWSKI A, COTTON MF, RABIE H, WHITELOW AC. Trends in paediatric bloodstream infections at a South African referral hospital. *BMC Pediatrics* 2015; **15**:33.
24. DRAMOWSKI A, COTTON MF, WHITELOW AC. Utilization of paediatric isolation facilities in a TB-endemic setting. *Antimicrobial Resistance & Infection Control* 2015; **4**:36, 9 pages.
25. DRAMOWSKI A, MADIDE AKM, BEKKER A. Neonatal nosocomial bloodstream infections at a referral hospital in a middle-income country: burden, pathogens, antimicrobial resistance and mortality. *Paediatrics and International Child Health* 2015; **35**(3):265-272.
26. DRAMOWSKI A, MARAIS F, GOLIATH C, MEHTAR S. Impact of a quality improvement project to strengthen infection prevention and control training at rural healthcare facilities. *African Journal of Health Professions Education* 2015; **7**(1):73-75.
27. DRAMOWSKI A, MARAIS F, WILLEMS B, MEHTAR S. Does undergraduate teaching of infection prevention and control adequately equip graduates for medical practice? *African Journal of Health Professions Education* 2015; **7**(1):105-110.
28. ENARSON PM, GIE RP, MWANSAMBO CC, CHALIRA AE, LUFESI NN, MAGANGA ER, ENARSON DA, CAMERON NA, GRAHAM SM. Potentially Modifiable Factors Associated with Death of Infants and Children with Severe Pneumonia Routinely Managed in District Hospitals in Malawi. *PLoS ONE* 2015; **10**(8): e0133365, 13 pages.
29. FISHER RG, SMITH DM, MURRELL B, SLABBERT R, KIRBY BM, EDSON C, COTTON MF, HAUBRICH R, POND SLK, VAN ZYL GU. Next generation sequencing improves detection of drug resistance mutations in infants after PMTCT failure. *Journal of Clinical Virology* 2015; **62**:48-53.
30. FORD N, SHUBBER Z, MEINTJES G, GRINSZTEJN B, EHOIE S, MILLS EJ, DAVIES M-A, VICTORIA M, PENAZZATO M, NSANZIMANA S, FRIGATI LJ, O'BRIEN D, ELLMAN T, AJOSE O, CALMY A, DOHERTY M. Causes of hospital admission among people living with HIV worldwide: a systematic review and meta-analysis. *Lancet HIV* 2015; **2**(10): e438-e444.
31. FURIN J, MAFUKIDZE A, BRIGDEN G, DU CROS P, GOLIN R, HARAUSZ E, SEDDON JA, USTERO P, GARCIA-PRATS AJ. A bitter pill to swallow: the need for better medications for drug-resistant tuberculosis in children. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(12): S55-S60.
32. GIULIANO AR, BOTHA MHH, ZEIER MD, ABRAHAMSEN ME, GLASHOFF RH, VAN DER LAAN LE, PAPENFUSS M, ENGELBRECHT S, SCHIM VAN DER LOEFF MF, SUDENGA L, TORRES BN, KIPPING S, TAYLOR D. High HIV, HPV and STI Prevalence Among Young Western Cape, South African Women: EVRI HIV Prevention Preparedness Trial. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **68**(2):227-235.

33. GOUSSARD P, GIE RP, ANDRONIKOU S, SCHUBERT PT. Rare cause of an anterior mediastinal mass causing airway compression in a young child. *BMJ Case Report* 2015; **2015**: bcr2014208281, 2 pages.
34. GOUSSARD P, GIE RP, JANSON JT, LE ROUX PJ, KLING S, ANDRONIKOU S, ROSSOUW GJ. Decompression of Enlarged Mediastinal Lymph Nodes Due to Mycobacterium Tuberculosis Causing Severe Airway Obstruction in Children. *Annals of Thoracic Surgery* 2015; **99**(4):1157-1163.
35. GRAHAM SM, CUEVAS LE, JEAN-PHILIPPE P, BROWNING R, CASENGHI M, DETJEN AK, GNANASHANMUGAM D, HESSELING AC, KAMPMANN B, MANDALAKAS A, MARAIS BJ, SCHITO M, SPIEGEL HML, STARKE JR, WORRELL C, ZAR H. Clinical Case Definitions for Classification of Intrathoracic Tuberculosis in Children: An Update. *Clinical Infectious Diseases* 2015; **61**(S3): S179-S187.
36. GRAHAM SM, GRZEMSKA M, GIE RP. The background and rationale for a new fixed-dose combination for first-line treatment of tuberculosis in children. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(12): S3-S8.
37. HASSAN H, COTTON MF, RABIE H. Complicated and Protracted Cryptococcal Disease in HIV-infected Children. *Pediatric Infectious Disease Journal* 2015; **34**(1):62-65.
38. HAYES R, FIDLER S, CORI A, FRASER C, FLOYD S, AYLES H, BEYERS N, EL-SADR W. HIV Treatment-As-Prevention Research: Taking the Right Road at the Crossroads. *PloS Medicine* 2015; **12**(3): e1001800, 6 pages.
39. HESSELING AC, JASPAN HB, BLACK GF, NENE MN, WALZL G. Immunogenicity of BCG in HIV-exposed and non-exposed infants following routine birth or delayed vaccination. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(4):454-462.
40. ISMAIL N, SAID HM, PININI Z, OMAR SV, BEYERS N, NAIDOO P. Optimizing Mycobacterial culture in smear-negative, human immunodeficiency virus-infected tuberculosis cases. *PLoS ONE* 2015; **10**(11): e0141851, 9 pages.
41. JONES CE, HESSELING AC, TENA-COKI NG, SCRIBA T, CHEGOU NN, KIDD M, WILKINSON RJ, KAMPMANN B. The impact of HIV exposure and maternal Mycobacterium tuberculosis infection on infant immune responses to bacille Calmette-Guérin vaccination. *Aids* 2015; **29**(2):155-165.
42. KAJEE Z, ZÖLLNER EWA. The impact of a diabetes management team on the metabolic control and prevalence of complications in paediatric patients with type 1 diabetes mellitus. *Journal of Endocrinology, Metabolism and Diabetes of South Africa (JEMDSA)* 2015; **20**(1):28-29.
43. KALI GTJ, BIARGE MM, VAN ZYL J, SMITH J, RUTHERFORD MA. Management of therapeutic hypothermia for neonatal hypoxic ischaemic encephalopathy in a tertiary centre in South Africa. *Archives of Disease in Childhood-Fetal and Neonatal Edition* 2015; **100**(6): F519-523.
44. KARRO RS, GOUSSARD P, LOOCK JW, GIE RP. The simple bread tag – a menace to society? *SAMJ South African Medical Journal* 2015; **105**(5):342-344.
45. KAYIGIRE XAK, FRIEDRICH SO, VAN DER MERWE L, DONALD PR, DIACON AH. Simultaneous staining of sputum smears for acid-fast and lipid containing Mycobacterium tuberculosis can enhance the clinical evaluation of antituberculosis treatments. *Tuberculosis* 2015; **95**:770-779.
46. KEISER O, BLASER N, DAVIES M-A, WESSA P, ELEY B, MOULTRIE H, RABIE H, TECHNAU K, NDIRANGU J, GARONE D, GIDDY J, GRIMWOOD A, GSPONER T, EGGER M. Growth in Virologically Suppressed HIV-Positive

- Children on Antiretroviral Therapy. *Pediatric Infectious Disease Journal* 2015; **34**: e254-e259.
47. KLING S. Advance Directives: Whose will be done? *Current Allergy & Clinical Immunology* 2015; **28**(1):42-44.
 48. KLING S. Is it ethical to treat one's family and friends? *Current Allergy & Clinical Immunology* 2015; **28**(2):118-120.
 49. KLING S. Ethical issues in anaphylaxis. *Current Allergy & Clinical Immunology* 2015; **28**(4):313-315.
 50. KLING S. H1N1 influenza ('swine flu') in the paediatric ICU in South Africa. *Southern African Journal of Critical Care* 2015; **31**(1):3.
 51. KLING S. Unhealthy health care behaviour: Whose responsibility? *Current Allergy & Clinical Immunology* 2015; **28**(3):224-226.
 52. LANGE CM, HUE S, VIOLARI A, COTTON MF, GIBB D, BABIKER A, OTWOMBE K, PANCHIA R, DOBBELS E, JEAN-PHILIPPE P, MCINTYRE JA, PILLAY D, GUPTA RK. Single genome analysis reveals linked, multi-class drug resistance in HIV-1 infected children from the Children with HIV Early Antiretroviral (CHER) study. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **69**(2):138-144.
 53. LAWRIE D, PAYNE HA, NIEUWOUDT MJ, GLENCROSS DK. Observed full blood count and lymphocyte subset values in a cohort of clinically healthy South African children from a semi-informal settlement in Cape Town. *SAMJ South African Medical Journal* 2015; **105**(7):589-595.
 54. LE DOARE K, ALLEN L, KAMPMANN B, HEATH PT, TAYLOR S, HESSELING AC, GORRINGE A, JONES CE. Anti-Group B Streptococcus antibody in infants born to mothers with human immunodeficiency virus (HIV) infection. *Vaccine* 2015; **33**(5):621-627.
 55. MADHI SA, IZU A, NUNES MC, VIOLARI A, COTTON MF, JEAN-PHILIPPE P, KLUGMAN KP, VON GOTTBURG A, VAN NIEKERK N, ADRIAN PV. Longitudinal study on Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus nasopharyngeal colonization in HIV-infected and -uninfected infants vaccinated with pneumococcal conjugate vaccine. *Vaccine* 2015; **33**(23):2662-2669.
 56. MANDALAKAS AM, KIRCHNER HL, WALZL G, GIE RP, SCHAAF HS, COTTON MF, GREWAL HMS, HESSELING AC. Optimizing the Detection of Recent Tuberculosis Infection in Children in a High TB-HIV Burden Setting. *American Journal of Respiratory and Critical Care Medicine* 2015; **191**(7):820-830.
 57. MASON S, VAN FURTH AM, MIENIE LJ, ENGELKE UFH, WEVERERS RA, SOLOMONS RS, REINECKE CJ. A hypothetical astrocyte-microglia lactate shuttle derived from a 1H NMR metabolomics analysis of cerebrospinal fluid from a cohort of South African children with tuberculous meningitis. *Metabolomics* 2015; **11**:822-837.
 58. MEEHAN S, LEON N, NAIDOO P, JENNINGS K, BURGER R, BEYERS N. Availability and acceptability of HIV counselling and testing services. A qualitative study comparing clients' experiences of accessing HIV testing at public sector primary health care facilities or non-governmental mobile services in Cape Town, South Africa. *BMC Public Health* 2015; **15**:845, 10 pages.
 59. MOODLEY K, KLING S. Dual Loyalties, Human Rights Violations, and Physician Complicity in Apartheid South Africa. *American Medical Association Journal of Ethics* 2015; **17**(10):966-972.

60. MORROW BM, ARGENT AC, KLING S. Informed consent in paediatric critical care research- A South African perspective. *BMC Medical Ethics* 2015; **16**(62):1-13.
61. MUDZIKATI L, DRAMOWSKI A. Neonatal septicaemia: prevalence and antimicrobial susceptibility patterns of common pathogens at Princess Marina Hospital, Botswana. *Southern African Journal of Infectious Diseases (Formerly Southern African Journal of Epidemiology and Infection)* 2015; **30**(3):96-101.
62. NACHMAN S, AHMED A, AMANULLAH F, BECERRA C, BOTGROS R, BRIGDEN G, BROWNING R, GARDINER E, HAFNER R, HESSELING AC, HOW C, JEAN-PHILIPPE P, LESSEM E, MAKHENE M, MBELLE N, MARAIS BJ, MCILLERON H, MCNEELY DF, RIGAUD M, SAMSON P, SCHAAF HS, ET AL. Towards early inclusion of children in tuberculosis drugs trials: a consensus statement. *Lancet Infectious Diseases* 2015; **15**(6):711-720.
63. NAIDOO P, VAN NIEKERK M, DU TOIT EJO, BEYERS N, LEON N. Pathways to multidrug-resistant tuberculosis diagnosis and treatment initiation: a qualitative comparison of patients' experiences in the era of rapid molecular diagnostic tests. *BMC Health Services Research* 2015; **15**:488, 13 pages.
64. NEL EDLR, TERBLANCHE AJ. Nutritional support of children with chronic liver disease. *SAMJ South African Medical Journal* 2015; **105**(7):607.
65. NELSON A, MARITZ J, GIDDY J, FRIGATI LJ, RABIE H, VAN CUTSEM G, MUTSEYEKWA T, JANGE N, BERNHEIMER JM, COTTON MF, COX V. HIV testing and antiretroviral therapy initiation at birth: Views from a primary care setting in Khayelitsha. *Southern African Journal of HIV Medicine* 2015; **16**(1):1-4.
66. OSMAN M, SEDDON JA, DUNBAR R, DRAPER HR, LOMBARD C, BEYERS N. The complex relationship between human immunodeficiency virus infection and death in adults being treated for tuberculosis in Cape Town, South Africa. *BMC Public Health* 2015; **15**:556, 13 pages.
67. PAINTSIL V, DAVID H, KAMBUGU J, RENNER L, KOUYA F, EDEN T, HESSELING PB, MOLYNEUX E, ISRAELS T. The Collaborative Wilms Tumour Africa Project; Baseline evaluation of Wilms tumour treatment and outcome in eight institutes in sub-Saharan Africa. *European Journal of Cancer* 2015; **51**:84-91.
68. PANG J, TEETER LD, KATZ DJ, ET AL, SCHAAF HS, DONALD PR. Epidemiology of Tuberculosis in Young Children in the United States. *Pediatrics* 2014; **133**(3): e494 - e504.
69. PAYNE H, MKHIZE L, OTWOMBE K, LEWIS J, PANCHIA R, CALLARD R, MORRIS L, BABIKER A, VIOLARI A, COTTON MF, KLEIN NJ, GIBB D. Reactivity of routine HIV antibody tests in children who initiated antiretroviral therapy in early infancy as part of the Children with HIV Early Antiretroviral Therapy (CHER) trial: a retrospective analysis. *Lancet Infectious Diseases* 2015; **15**(7):803-809.
70. PENAZZATO M, DOMINGUEZ K, COTTON MF, BARLOW-MOSHA L, FORD N. Choice of antiretroviral drugs for postexposure prophylaxis for children: a systematic review. *Clinical Infectious Diseases* 2015; **60**(3): S177-S181.
71. PITCHER RD, LOMBARD CJ, COTTON MF, BENINGFIELD SJ, WORKMAN L, ZAR H. Chest radiographic abnormalities in HIV-infected African children: a longitudinal study. *Thorax* 2015; **70**(9):840-846.
72. PORTER M, DAVIES M-A, MAPANI M, RABIE H, PHIRI S, NUTTALL J, FAIRLIE L, TECHNAU K, STINSON K, WOOD R, WELLINGTON M, HAAS AD,

- GIDDY J, TANSER F, ELEY B. Outcomes of Infants Starting Antiretroviral Therapy in Southern Africa, 2004–2012. *JAIDS-Journal of Acquired Immune Deficiency Syndromes* 2015; **69**(5):593-601.
73. RABIE H, FRIGATI LJ, HESSELING AC, GARCIA-PRATS AJ. Tuberculosis: opportunities and challenges for the 90–90–90 targets in HIV-infected children. *Journal of the International Aids Society* 2015; **18**(6):35-45.
 74. ROSS LL, COTTON MF, CASSIM H, VORONIN E, GIVENS N, SIEVERS J, CHENG KY. Treatment-Emergent Mutations and Resistance in HIV-Infected Children Treated with Fosamprenavir-Containing Antiretroviral Regimens. *The Open AIDS Journal* 2015; **9**:38-44.
 75. SCHAAF HS, GARCIA-PRATS AJ, DONALD PR. Antituberculosis drugs in children. *Clinical Pharmacology & Therapeutics* 2015; **98**(3):252-265.
 76. SEDDON JA, FRED D, AMANULLAH F, SCHAAF HS, STARKE JR, KESHAVJEE S, BURZYNSKI J, FURIN JJ, SWAMINATHAN S, BECERRA C. Post-Exposure management of multidrug-resistant tuberculosis contacts: evidence-based recommendations. *Policy Brief* 2015; **1**:1-16.
 77. SHANAUBE K, BOCK PA. Innovative Strategies for Scale up of Effective Combination HIV Prevention Interventions in Sub-Saharan Africa. *Current HIV/AIDS Reports* 2015; **12**(2):231-237.
 78. SINGH S, SINGH A, PRAJAPATI S, KABRA SK, LODHA R, MUKHERJEE A, SINGH V, HESSELING AC, GREWAL HMS. Xpert MTB/RIF assay can be used on archived gastric aspirate and induced sputum samples for sensitive diagnosis of paediatric tuberculosis. *BMC Microbiology* 2015; **15**:191, 10 pages.
 79. SOLOMONS RS, GOUSSARD P, VISSER DH, MARAIS BJ, GIE RP, SCHOEMAN JF, VAN FURTH AM. Chest radiograph findings in children with tuberculous meningitis. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(2):200-204.
 80. SOLOMONS RS, VISSER DH, DONALD PR, MARAIS BJ, SCHOEMAN JF, VAN FURTH AM. The diagnostic value of cerebrospinal fluid chemistry results in childhood tuberculous meningitis. *Childs Nervous System* 2015; **31**:1335-1340.
 81. SOLOMONS RS, VISSER DH, FRIEDRICH SO, DIACON AH, HOEK KGP, MARAIS BJ, SCHOEMAN JF, VAN FURTH AM. Improved diagnosis of childhood tuberculous meningitis using more than one nucleic acid amplification test. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(1):74-80.
 82. STEFAN DC, STONES DK, WAINWRIGHT RD, KRUGER M, DAVIDSON A, POOLE J, HADLEY GP, FORMAN D, COLOMBET M, STELIAROVA-FOUCHER E. Childhood cancer incidence in South Africa, 1987 - 2007. *SAMJ South African Medical Journal* 2015; **105**(11):939-947.
 83. SY SKB, DE KOCK L, DIACON AH, WERELY CJ, XIA H, ROSENKRANZ B, VAN DER MERWE L, DONALD PR. N-Acetyltransferase genotypes and the pharmacokinetics and tolerability of para-aminosalicylic acid in patients with drug-resistant pulmonary tuberculosis. *Antimicrobial Agents and Chemotherapy* 2015; **59**(7):4129-4138.
 84. SY SKB, MALMBERG R, MATSUSHIMA A, ASIN-PRieto E, ROSENKRANZ B, COTTON MF, DERENDORF HARTMUT, INNES SEV. Effect of reducing the paediatric stavudine dose by half: A physiologically-based pharmacokinetic model. *International Journal of Antimicrobial Agents* 2015; **45**:413-419.
 85. TAMANNAI M, KAAH J, MBAH G, NDIMBA J, DSOUZA C, WHARIN P, HESSELING PB. An evaluation of a palliative care outreach programme for

- children with Burkitt lymphoma in rural Cameroon. *International Journal of Palliative Nursing* 2015; **21**(5):24-30.
86. TANEJA R, GARCIA-PRATS AJ, FURIN J, MAHESHWARI HK. Paediatric formulations of second-line anti-tuberculosis medications: challenges and considerations. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(12):S61-S68.
 87. TCHAKOUTE CT, HESSELING AC, BLAKNEY AK, JASPAN HB. Reply to Thyssen et al. *Journal of Infectious Diseases* 2015; **212**:1342-1343.
 88. THEE S, GARCIA-PRATS AJ, DONALD PR, HESSELING AC, SCHAAF HS. Fluoroquinolones for the treatment of tuberculosis in children. *Tuberculosis* 2015; **95**(3):229-245.
 89. THEE S, GARCIA-PRATS AJ, DRAPER HR, MCILLERON H, WIESNER L, CASTEL S, SCHAAF HS, HESSELING AC. Pharmacokinetics and safety of moxifloxacin in children with multidrug-resistant tuberculosis. *Clinical Infectious Diseases* 2015; **60**(4):549-556.
 90. TORRE P, COOK A, ELLIOTT H, DAWOOD G, LAUGHTON B. Hearing assessment data in HIV-infected and uninfected children of Cape Town, South Africa. *AIDS Care-Psychological and Socio-Medical Aspects of AIDS/HIV* 2015; **27**(8):1037-1041.
 91. VAN DER BIJL P, DORUYTER AGG, DE DECKER R, LAWRENSEN J, COMITIS G, HEWITSON J. Chest pain on exertion after the Takeuchi repair of anomalous origin of the left coronary artery: Right ventricular ischemia due to severe pulmonary outflow tract obstruction. *World Journal for Pediatric and Congenital Heart Surgery* 2015; **6**(1):90-92.
 92. VAN DER WESTHUIZEN H, KOTZE JCB, NAROTAM H, VON DELFT A, WILLEMS B, DRAMOWSKI A. Knowledge, attitudes and practices regarding TB infection control among health science students in a TB-endemic setting. *International Journal of Infection Control* 2015; **11**(4):1-7.
 93. VAN DYK L, SPRINGER PE, KIDD M, STEYN N, SOLOMONS RS, VAN TOORN R. Familial-Environmental Risk Factors in South African Children with Attention-Deficit Hyperactivity Disorder. *Journal of Child Neurology* 2015; **30**:1327-1332.
 94. VAN NIEKERK E, NEL DG, BLAAUW R, KIRSTEN GF. Probiotics Reduce Necrotizing Enterocolitis Severity in HIV-exposed Premature Infants. *Journal of Tropical Pediatrics* 2015; **155**(164):61-63.
 95. VAN TOORN R, DU PLESSIS A, SCHAAF HS, BUYS H, HEWLETT RH, SCHOEMAN JF. Clinicoradiologic Response of Neurologic Tuberculous Mass Lesions in Children Treated with Thalidomide. *Pediatric Infectious Disease Journal* 2015; **34**(2):214-218.
 96. VAN ZYL GU, BEDISON MA, JANSE VAN RENSBURG A, LAUGHTON B, COTTON MF, MELLORS JW. Early Antiretroviral Therapy in South African Children Reduces HIV-1-Infected Cells and Cell-Associated HIV-1 RNA in Blood Mononuclear Cells. *Journal of Infectious Diseases* 2015; **212**(1):39-43.
 97. VANDEN DRIESSCHE K, HENS N, TILLEY P, DE GROOT R, COTTON MF, MARAIS BJ, SPEERT DP. Surgical masks reduce airborne spread of *Pseudomonas aeruginosa* in colonized patients with cystic fibrosis. *American Journal of Respiratory and Critical Care Medicine* 2015; **192**(7):897-899.
 98. VANKER A, BARNETT W, NDURU PM, GIE RP, SLY PD, ZAR H. Home environment and indoor air pollution exposure in an African birth cohort study. *Science of the Total Environment* 2015; **536**:362-367.

99. VISSER DH, SOLOMONS RS, RONACHER K, VAN WELL GT, HEYMANS MW, WALZL G, CHEGOU NN, SCHOEMAN JF, VAN FURTH AM. Host Immune Response to Tuberculous Meningitis. *Clinical Infectious Diseases* 2015; **60**(2):177-187.
100. VON DELFT A, DRAMOWSKI A, KHOSA C, KOTZE K, LEDERER P, MOSIDI T, PETERS JA, SMITH J, VAN DER WESTHUIZEN H, VON DELFT D, WILLEMS B, BATES M, CRAIG G, MAEURER M, MARAIS BJ, MWABA P, NUNES EA, NYIRENDA T, OLIVER M, ZUMLA A. Why healthcare workers are sick of TB. *International Journal of Infectious Diseases* 2015; **32**(10.1016):147-151.
101. VON MOLLENDORF C, COHEN C, DE GOUVEIA L, NAIDOO N, MEIRING S, QUAN V, LINDANI S, MOORE DP, REUBENSON G, MOSHE M, ELEY B, HALLBAUER UM, FINLAYSON H, MADHI SA, CONKLIN L, ZELL ER, KLUGMAN KP, WHITNEY CG, VON GOTTBURG A. Risk Factors for Invasive Pneumococcal Disease Among Children Less Than 5 Years of Age in a High HIV Prevalence Setting, South Africa, 2010 to 2012. *Pediatric Infectious Disease Journal* 2015; **34**:27-34.
102. VON MOLLENDORF C, VON GOTTBURG A, TEMPIA S, MEIRING S, DE GOUVEIA L, QUAN V, LENGANA S, AVENANT T, DU PLESSIS N, ELEY B, FINLAYSON H, REUBENSON G, MOSHE M, O'BRIEN K, KLUGMAN KP, WHITNEY CG, COHEN C. Increased Risk for and Mortality from Invasive Pneumococcal Disease in HIV-Exposed but Uninfected Infants Aged <1 Year in South Africa, 2009–2013. *Clinical Infectious Diseases* 2015; **60**(9):1346-1356.
103. WEBER HC, GIE RP, WILLS K, COTTON MF. Clinical features and lung function in HIV-infected children with chronic lung disease. *South African Journal of Child Health* 2015; **9**(3):72-75.
104. WEINSHEL K, DRAMOWSKI A, HADJU A, JACOB S, KHANAL B, ZOLTAN M, MOUGKOU K, PHUKAN C, STANELONI MI, SINGH N. Gap Analysis of Infection Control Practices in Low- and Middle-Income Countries. *Infection Control and Hospital Epidemiology* 2015; **36**(10):1208-1214.
105. WISEMAN CA, MANDALAKAS AM, KIRCHNER HL, GIE RP, SCHAAF HS, WALTERS E, HESSELING AC. Novel application of NIH case definitions in a paediatric tuberculosis contact investigation study. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(4):446-453.

Books

1. DRAMOWSKI A. Ebola prevention and control. Infection Control Africa Network (ICAN), Cape Town, South Africa 2015:146 pp.

Chapters in books

1. RIBEIRO PC, CHANTADA GL, ARORA RS, ANTILLON F, KRUGER M, BARR RD. Pediatric Oncology in Countries with Limited Resources. In: Pizzo PA, Poplack DG (eds.) *Principles and Practice of Pediatric Oncology*, Seventh Edition, Wolters Kluwer, Hagerstown, USA, 2015: 1256-1266.

PHYSIOTHERAPY

Journal articles

1. ADEREM J, LOUW QA. Biomechanical risk factors associated with iliotibial band syndrome in runners: a systematic review. *BMC Musculoskeletal Disorders* 2015; **16**:356, 16 pages.
2. ALDERSLADE V, CROUS LC, LOUW QA. Correlation between passive and dynamic range of rotation in lead and trail hips during a golf swing. *South African Journal for Research in Sport Physical Education and Recreation* 2015; **37**(3):15-28.
3. AWOTIDEBE AW, INGLIS-JASSIEM G, YOUNG TN. Low-level laser therapy and exercise for patients with shoulder disorders in physiotherapy practice (a systematic review protocol). *Systematic reviews* 2015; **4**: 60, 4 pages.
4. BRINK Y, LOUW QA, GRIMMER KA, JORDAAN E. The relationship between sitting posture and seated-related upper quadrant musculoskeletal pain in computing South African adolescents: A prospective study. *Manual Therapy* 2015; **20**(6):820-826.
5. HANEKOM SD, VAN ASWEGEN H, PLANI N, PATMAN S. Developing minimum clinical standards for physiotherapy in South African intensive care units: the nominal group technique in action. *Journal of Evaluation in Clinical Practice* 2015; **21**(1):118-127.
6. KEILLER L, INGLIS-JASSIEM G. A lesson in listening: Is the student voice heard in the rush to incorporate technology into health professions education? *African Journal of Health Professions Education* 2015; **7**(1):47-50.
7. KUMURENZI A, GOLIATH C, MJI G, MLENZANA N, JOSEPH C, STATHAM SB, RHODA A. Experiences of patients and service providers with out-patient rehabilitation services in a rehabilitation centre in the Western Cape Province. *African Journal of Disability* 2015; **4**(1): Art. #164, 7 pages.
8. LEIBBRANDT DC, LOUW QA. The use of McConnell taping to correct abnormal biomechanics and muscle activation patterns in subjects with anterior knee pain: a systematic review. *Journal of Physical Therapy Science* 2015; **27**(7):2395-2404.
9. LOUW A, DIENER JH, PUENTEDURA EJ. The short term effects of preoperative neuroscience education for lumbar radiculopathy: A case series. *International Journal of Spine Surgery* 2015; **9**: Article 11, 12 pages.
10. LOUW A, PUENTEDURA EJ, DIENER JH, PEOPLES R R. Preoperative therapeutic neuroscience education for lumbar radiculopathy: a single-case fMRI report. *Physiotherapy Theory and Practice* 2015; **31**(7):496-508.
11. LOUW QA, GILLION N, VAN NIEKERK S, MORRIS LD, BAUMEISTER J. The effect of vision on knee biomechanics during functional activities - A systematic review. *Journal of Science and Medicine in Sport* 2015; **18**:469-474.
12. MACHINGAIDZE S, KREDO T, LOUW QA, YOUNG TN, GRIMMER KA. South African Guidelines Excellence (SAGE): Clinical practice guidelines - quality and credibility. *SAMJ South African Medical Journal* 2015; **105**(9):743-745.
13. MONTEIRO MDE O, SA-CAPUTO D C, DO CARMO F S, BERNARDO R M, PACHECO R, ARNOBIO A, GUIMARAES C A S, BERNARDO L C, SANTOS-FILHO S D, ASAD N R, UNGER M, MARIN P, BERNARDO-FILHO M. Effects of short-period whole-body vibration of 20Hz on selected blood biomarkers in wistar rats. *Chinese Journal of Physiology* 2015; **58**(4):211-218.

14. MORRIS LD, LOUW QA, GRIMMER KA, MEINTJES E. Targeting pain catastrophization in patients with fibromyalgia using virtual reality exposure therapy: a proof-of-concept study. *Journal of Physical Therapy Science* 2015; **27**(11):3461-3467.
15. ODUNAIYA NA, GRIMMER KA, LOUW QA. High prevalence and clustering of modifiable CVD risk factors among rural adolescents in southwest Nigeria: implication for grass root prevention. *BMC Public Health* 2015; **15**:661, 9 pages.
16. ODUNAIYA NA, LOUW QA, GRIMMER KA. Are lifestyle cardiovascular disease risk factors associated with pre-hypertension in 15-18 years rural Nigerian youth? A cross sectional study. *BMC Cardiovascular Disorders* 2015; **15**:144, 10 pages.
17. PIENAAR L, UNGER M, HANEKOM SD. A descriptive study of patients admitted with acute exacerbation of chronic obstructive pulmonary disease in three hospitals in Cape Town, South Africa. *The African Journal of Respiratory Medicine* 2015; **10**(2):8-12.
18. ROSS CA, CLIFFORD A, LOUW QA. Intrinsic factors associated with return to sport after anterior cruciate ligament reconstruction: A systematic review. *South African Journal of Physiotherapy* 2015; **71**(1): Art. #230, 8 pages.
19. VAN NIEKERK S, FOURIE M, LOUW QA. Postural dynamism during computer mouse and keyboard use: A pilot study. *Applied Ergonomics* 2015; **50**:170-176.
20. VAN VLEDDER N, LOUW QA. The effect of a workstation chair and computer screen height adjustment on neck and upper back musculoskeletal pain and sitting comfort in office workers. *South African Journal of Physiotherapy* 2015; **71**(1): Art. #279, 10 pages.
21. VISAGIE SJ, DUFFIELD S, UNGER M. Exploring the impact of wheelchair design on user function in a rural South African setting. *African Journal of Disability* 2015; **4**(1): Art. #171, 8 pages.
22. WILLS M, LOUW QA. Ergonomic chair explorative intervention study: effect on chronic upper quadrant musculoskeletal dysfunction, disability and productivity in female computer workers. *Ergonomics SA* 2015; **27**(1):13-32.

Chapters in Books

1. HANEKOM SD, WILSON M, MORROW B, VAN ASWEGEN H. Burn Injuries. In: van Aswegen H, Morrow B (eds.) *Cardiopulmonary Physiotherapy in Trauma. An Evidence-based approach*, Imperial College Press, London, United Kingdom, 2015: 229-308.

PSYCHIATRY

Journal articles

1. ALEXANDER D, SHUTTLEWORTH-EDWARDS AB, KIDD M, MALCOLM CM. Mild traumatic brain injuries in early adolescent rugby players: Long-term neurocognitive and academic outcomes. *Brain Injury* 2015; **29**(9):1113-1125.
2. BROODRYK M, PRETORIUS C. Initial experiences of family caregivers of survivors of a traumatic brain injury. *African Journal of Disability* 2015; **4**(1): Art. #165, 7 pages.
3. BURNHAMS NH, LONDON L, LAUBSCHER R, NEL E, PARRY CDH. Results of a cluster randomised controlled trial to reduce risky use of alcohol, alcohol-

- related HIV risks and improve help-seeking behaviour among safety and security employees in the Western Cape, South Africa. *Substance Abuse Treatment Prevention and Policy* 2015; **10**(1):1-14.
4. BURNHAMS NH, PARRY CDH. The state of interventions to address substance-related disorders in South African workplaces: implications for research, policy, and practice. *South African Journal of Psychology* 2015; **45**(4):495-507.
 5. CARNEY T, PETERSEN WILLIAMS PM, PLUDDERMANN A, PARRY CDH. Sexual HIV risk among substance-using female commercial sex workers in Durban, South Africa. *African Journal of AIDS research* 2015; **14**(2):153-158.
 6. CHILIZA B, ASMAL L, KILIAN S, PHAHLADIRA LS, EMSLEY RA. Rate and predictors of non-response to first-line antipsychotic treatment in first-episode schizophrenia. *Human Psychopharmacology-Clinical and Experimental* 2015; **30**(3):173-182.
 7. CHILIZA B, ASMAL L, OOSTHUIZEN PP, VAN NIEKERK E, ERASMUS RT, KIDD M, MALHOTRA A, EMSLEY RA. Changes in body mass and metabolic profiles in patients with first-episode schizophrenia treated for 12 months with a first-generation antipsychotic. *European Psychiatry* 2015; **30**(2):277-283.
 8. CONNELL A, KOEN L, NIEHAUS DJH, CLOETE KJ, JORDAAN E, BOTHA UA. Religious Delusions in a Xhosa Schizophrenia Population. *Journal of Religion & Health* 2015; **54**:1555-1562.
 9. DADA S, BURNHAMS NH, VAN HOUT MC, PARRY CDH. Codeine misuse and dependence in South Africa – learning from substance abuse treatment admissions. *SAMJ South African Medical Journal* 2015; **105**(9):776-779.
 10. DALVIE S, KOEN N, DUNCAN L, ABBO C, AKENA D, ATWOLI L, CHILIZA B, DONALD A, KINYANDA E, LOCHNER C, MALL S, NAKASUJJA N, NEWTON R, RAMESAR R, SIBEKO G, TEFERRA S, STEIN DJ, KOENEN C. Large Scale Genetic Research on Neuropsychiatric Disorders in African Populations is Needed. *EBioMedicine* 2015; **2**(10):1259-1261.
 11. DE VRIES MM, JOUBERT B, CLOETE ML, ROUX S, BACA A, HASKEN M, BARNARD MP, BUCKLEY D, KALBERG WO, SNELL L, MARAIS AS, SEEDAT S, PARRY CDH, MAY A. Indicated Prevention of Fetal Alcohol Spectrum Disorders in South Africa: Effectiveness of Case Management. *International Journal of Environmental Research and Public Health* 2015; **13**(1):1-14.
 12. DE WET A, SWARTZ LP, CHILIZA B. Hearing their voices: The lived experience of recovery from first-episode psychosis in schizophrenia in South Africa. *International Journal of Social Psychiatry* 2015; **61** (1):27-32.
 13. DELL'OSSO B, NICOLINI N, LANZAGORTA N, BENATTI B, SPAGNOLIN N, PALAZZO C, MARAZZITI D, HOLLANDER RIC, FINEBERG NA, STEIN DJ, PALLANTI S, VAN AMERINGEN A, LOCHNER C, HRANOV G, KARAMUSTAFALIOGLU O, HRANOV L, ZOHAR J, DENYS D, ALTAMURA CA, MENCHON MJ. Cigarette smoking in patients with obsessive compulsive disorder: A report from the International College of Obsessive Compulsive Spectrum Disorders (ICOCS). *CNS Spectrums* 2015; **20**(5):469-473.
 14. DOMINGO AK, ASMAL L, SEEDAT S, ESTERHUIZEN T, LAURENCE C, VOLMINK JA. Investigating the association between diabetes mellitus, depression and psychological distress in a cohort of South African teachers. *SAMJ South African Medical Journal* 2015; **105**(12):1-4.
 15. DONALD A, ROOS A, FOUCHE J, KOEN N, HOWELLS M, WOODS P, ZAR H, NARR L, STEIN D. A study of the effects of prenatal alcohol exposure on white

- matter microstructural integrity at birth. *Acta Neuropsychiatrica* 2015; **27**(4):197-205.
16. DU PLESSIS S, VINK M, JOSKA JA, KOUTSILIERI E, BAGADIA A, STEIN D, EMSLEY RA. HIV Infection Is Associated with Impaired Striatal Function during Inhibition with Normal Cortical Functioning on Functional MRI. *Journal of the International Neuropsychological Society* 2015; **21**:722-731.
 17. DU PLESSIS S, VINK M, JOSKA JA, KOUTSILIERI E, BAGADIA A, STEIN D, EMSLEY RA. HIV infection results in ventral-striatal reward system hypo-activation during cue processing. *Aids* 2015; **29**(11):1335-1343.
 18. DU TOIT ES, THOMAS E, KOEN L, VYTHILINGUM B, GROBLER S, SMITH N, NIEHAUS DJH. SSRI use in pregnancy: Evaluating the risks and benefits. *South African Journal of Psychiatry* 2015; **22**(2):48-53.
 19. EMSLEY RA, ASMAL L, CHILIZA B, DU PLESSIS S, CARR JA, KIDD M, MALHOTRA AK, VINK M, KAHN RS. Changes in brain regions associated with food-intake regulation, body mass and metabolic profiles during acute antipsychotic treatment in first-episode schizophrenia. *Psychiatry Research-Neuroimaging* 2015; **233**(2):186-193.
 20. EMSLEY RA, ASMAL L, DU PLESSIS S, CHILIZA B, KIDD M, CARR JA, VINK M. Dorsal striatal volumes in never-treated patients with first-episode schizophrenia before and during acute treatment. *Schizophrenia Research* 2015; **169**(1-3):89-94.
 21. FERREIRA-BORGES C, DIAS S, BABOR T, ESSER MB, PARRY CDH. Alcohol and public health in Africa: can we prevent alcohol-related harm from increasing? *Addiction* 2015; **110**(9):1373-1379.
 22. FERREIRA-BORGES C, ESSER MB, DIAS S, BABOR T, PARRY CDH. Alcohol Control Policies in 46 African Countries: Opportunities for Improvement. *Alcohol and Alcoholism* 2015; **50**(4):470-476.
 23. FOURIE HF, KOEN L, NIEHAUS DJH, SCHOEMAN M, BOTHA UA. When apparent schizophrenia is excluded. *South African Journal of Psychiatry* 2015; **21**(1):31-34.
 24. GBD 2013 RISK FACTOR COLLABORATORS AL, KENGNE A, MATZOPOULOS R, MAYOSI BM, NAIDOO S, PARRY CDH, SEEDAT S. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015; **386**(9995):743-800.
 25. GBD 2013 RISK FACTOR COLLABORATORS AL, KENGNE A, MATZOPOULOS R, MAYOSI BM, NAIDOO S, PARRY CDH, SEEDAT S, Et Al. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015; **386**(10010):2287-2323.
 26. GOVENDER R, MYERS BJ, KOCH JR, MANDERSCHIED J, JOHNSON K, PARRY CDH. Development and psychometric validation of a novel patient survey to assess perceived quality of substance abuse treatment in South Africa. *Substance Abuse Treatment Prevention and Policy* 2015; **10**(44):1-15.
 27. GUREJE O, NORTJE G, MAKANJUOLA V, OLADEJI D, SEEDAT S, JENKINS R. The role of global traditional and complementary systems of medicine in the treatment of mental health disorders. *Lancet Psychiatry* 2015; **2**(2):166-177.
 28. HOSKINS M, PEARCE J, BETHELL A, DANKOVA L, BARBUI C, TOL A, OMMEREN M, JONG DE, SEEDAT S, CHEN H, BISSON I. Pharmacotherapy for

- post-traumatic stress disorder: systematic review and meta-analysis. *British Journal of Psychiatry* 2015; **206**(2):93-100.
29. HOWELLS M, HATTINGH CJ, SYAL S, BREET E, STEIN D, LOCHNER C. 1H-magnetic resonance spectroscopy in social anxiety disorder. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2015; **58**:97-104.
 30. KADER R, GOVENDER R, SEEDAT S, KOCH JR, PARRY CDH. Understanding the Impact of Hazardous and Harmful Use of Alcohol and/or Other Drugs on ARV Adherence and Disease Progression. *PLoS ONE* 2015; **10**(5):1-12.
 31. KILIAN S, ASMAL L, GOOSEN A, CHILIZA B, PHAHLADIRA LS, EMSLEY RA. Instruments measuring blunted affect in schizophrenia: a systematic review. *PLoS ONE* 2015; **10**(6):1-13.
 32. KILIAN S, SWARTZ LP, CHILIZA B. Doing their best: strategies used by South African clinicians in working with psychiatric inpatients across a language barrier. *Global Health Action* 2015; **8**(1):1-7.
 33. LESCH E, SCHEFFLER F. "I want a better life for her": Father-adolescent daughter relationships in a minority, low-income South African community. *Marriage & Family Review* 2015; **51**(5):441-465.
 34. LIU F, XIE B, WANG Y, GUO W, FOUCHE J, LONG Z, WANG W, CHEN H, LI M, DUAN X, ZHANG J, QIU C, CHEN H. Characterization of post-traumatic stress disorder using resting-state fMRI with a multi-level parametric classification approach. *Brain Topography* 2015; **28**(2):221-237.
 35. LONG W, CHILIZA B, STEIN DJ. Anger and Afrophobia in South Africa: What is a health practitioner to do? *SAMJ South African Medical Journal* 2015; **105**(7):510.
 36. LUND C, ALEM A, SCHNEIDER M, HANLON C, AHRENS J, BANDAWE C, BASS JK, BHANA A, BURNS J, CHIBANDA D, COWAN FM, DAVIES T, DEWEY M, FEKADU A, FREEMAN M, HONIKMAN S, JOSKA JA, KAGEE SA, MAYSTON R, MEDHIN G, MUSISI S, MYER L, NTULO T, NYATSANZA M, OFORI-ATTA A. Generating evidence to narrow the treatment gap for mental disorders in sub-Saharan Africa: rationale, overview ad methods of AFFIRM. *Epidemiology and Psychiatric Sciences* 2015; **24**(3):233-240.
 37. NEWMAN GF, MAGGOTT C, ALEXANDER D. Group drumming as a burnout prevention initiative among staff members at a child and adolescent mental health care facility. *South African Journal of Psychology* 2015; **45**(4):439-451.
 38. NOTHLING J, GANASEN KA, SEEDAT S. Predictors of Depression among a Sample of South African Mortuary Workers. *Journal of Nervous and Mental Disease* 2015; **203**(3):226-230.
 39. NOTHLING J, LAMMERS K, MARTIN LI, SEEDAT S. Traumatic dissociation as a predictor of posttraumatic stress disorder in South African female rape survivors. *Medicine* 2015; **94**(16):1-9.
 40. OJAGBEMI A, AKPA M, ESAN B, EMSLEY RA, GUREJE O. The confirmatory factor structure of neurological soft signs in Nigerians with first episode schizophrenia. *Neuroscience Letters* 2015; **589**:110-114.
 41. OJAGBEMI A, ESAN B, EMSLEY RA, GUREJE O. Motor sequencing abnormalities are the trait marking neurological soft signs of schizophrenia. *Neuroscience Letters* 2015; **600**:226-231.
 42. OLIVIER MR, KILIAN S, CHILIZA B, ASMAL L, SCHOEMAN R, OOSTHUIZEN PP, KIDD M, EMSLEY RA. Cognitive performance during the first year of treatment in first-episode schizophrenia: a case-control study. *Psychological Medicine* 2015; **45**(13):2873-2883.

43. PARRY CDH, DELUCA P, COOPER R, VAN HOUT MC. Do we have sufficient information to optimally inform regulatory or other policy decisions about medications containing codeine? *Addiction* 2015; **110**(10):1690-1691.
44. PETERSEN WILLIAMS PM, PETERSEN Z, SORSDAHL K, MATHEWS C, EVERETT-MURPHY K, PARRY CDH. Screening and Brief Interventions for Alcohol and Other Drug Use Among Pregnant Women Attending Midwife Obstetric Units in Cape Town, South Africa: A Qualitative Study of the Views of Health Care Professionals. *Journal of Midwifery & Womens Health* 2015; **60**(4):401-409.
45. ROOS A, GEERTS LTGM, KOEN L, FAURE SC, VYTHILINGUM B, STEIN D. Psychosocial predictors of fetoplacental blood flow during pregnancy. *Comprehensive Psychiatry* 2015; **57**:125-131.
46. ROOS A, GRANT E, FOCHE J, STEIN D, LOCHNER C. A comparison of brain volume and cortical thickness in excoriation (skin picking) disorder and trichotillomania (hair pulling disorder) in women. *Behavioural Brain Research* 2015; **279**:255-258.
47. ROOS A, KWIATKOWSKI A, FOCHE J, NARR L, THOMAS K, STEIN DJ, DONALD A. White matter integrity and cognitive performance in children with prenatal methamphetamine exposure. *Behavioural Brain Research* 2015; **279**:62-67.
48. STEIN D, KOEN N, DONALD A, ADNAMS CM, KOPOWITZ M, LUND C, MARAIS AS, MYERS B, ROOS A, SORSDAHL K, STERN J, TOMLINSON MR, VAN DER WESTHUIZEN C, VYTHILINGUM B, MYER L, BARNETT W, BRITTAIN K, ZAR HJ. Investigating the psychosocial determinants of child health in Africa: The Drakenstein Child Health Study. *Journal of Neuroscience Methods* 2015; **252**:27-35.
49. SUKERI K, ALONSO BETANCOURT O, EMSLEY RA. Needs-based gap analysis for service transformation in the Eastern Cape. *South African Journal of Psychiatry* 2015; **21**(1):3-7.
50. SUKERI K, ALONSO BETANCOURT O, EMSLEY RA. Service transformation plans in the Eastern Cape informed by a needs-based gap analysis. *South African Journal of Psychiatry* 2015; **21**(2):62-66.
51. SULIMAN S, SEEDAT S, PINGO JK, SUTHERLAND S, ZOHAR J, STEIN DJ. Escitalopram in the prevention of posttraumatic stress disorder: a pilot randomized controlled trial. *BMC Psychiatry* 2015; **15**(24):1-8.
52. THOMAS E, CLOETE KJ, KIDD M, LATEGAN BH. A decentralized model of psychiatric care: Profile, length of stay and outcome of mental healthcare users admitted to a district-level public hospital in the Western Cape. *South African Journal of Psychiatry* 2015; **21**(1):8-12.
53. THOMAS E, DU PLESSIS S, CHILIZA B, LOCHNER C, STEIN D. Olfactory Reference Disorder: Diagnosis, Epidemiology and Management. *CNS Drugs* 2015; **29**(12):999-1007.
54. VAN MOL, MC, KOMPANJE JO, BENOIT D, BAKKER J, NIJKAMP D, SEEDAT S. The prevalence of compassion fatigue and burnout among healthcare professionals in intensive care units: A systematic review. *PLoS ONE* 2015; **10**(8):1-22.
55. VINK M, KALDEWAIJ R, ZANDBELT B, PAS P, DU PLESSIS S. The role of stop-signal probability and expectation in proactive inhibition. *European Journal of Neuroscience* 2015; **41**(8):1086-1094.

Chapters in books

1. BREET E, LOCHNER C. Obsessive-compulsive related disorders. In: Stein DJ, Vythilingum B (eds.) *Anxiety Disorders and Gender*, Springer, Basel, Switzerland, 2015: 89-111.
2. BRUWER BR, LACHMAN A, SEEDAT S. Psychopharmacological Interventions for Childhood Maltreatment. In: Clements T, Seedat S, Gibbings N (eds.) *Mental Health Issues of Child Maltreatment*, STM Learning, Inc., Saint Louis, MO, USA, 2015: 591-605.
3. BRUWER BR, SEEDAT S. Resilience in the Context of Childhood Maltreatment. In: Clements T, Seedat S, Gibbings N (eds.) *Mental Health Issues of Child Maltreatment*, STM Learning, Inc., Saint Louis, MO, USA, 2015: 281-301.
4. EMSLEY RA. Schizophrenia: Remission. *Encyclopedia of Psychopharmacology*. In: Stolerman IP, Price LH (eds.) *Schizophrenia: Remission. Encyclopedia of Psychopharmacology*, Springer, 2015: 1512-1515.
5. EMSLEY RA, SEEDAT S. Psychiatry in the southern African context: problems and challenges. In: Baumann E (ed.) *Primary Care Psychiatry: A practical guide for southern Africa*, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2014: 12-19.
6. FLISHER A, DAWES A, KAFAAR Z, LUND C, SORSDAHL K, MYERS BJ, THOM R, SEEDAT S. Children and Adolescent Mental Health in South Africa. In: Akyeampong E, Hill AG, Kleinman A(eds.) *The Culture of Mental Illness and Psychiatric Practice in Africa*, Indiana University Press, Bloomington, IN, USA, 2015: 144-162.
7. HAWKRIDGE SM, BERG AM, SEEDAT S. The consequences of violence: mental health issues. In: Donnelly PD, Ward CL (eds.) *Oxford Textbook of Violence Prevention Epidemiology, Evidence, and Policy*, Oxford University Press, United Kingdom, 2015: 97-103.
8. SEEDAT S, STEIN DJ, STEIN PDJ. The anxious patient: anxiety and related disorders. In: Baumann E (ed.) *Primary Care Psychiatry: A practical guide for southern Africa*, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2014: 469-492.
9. STEIN DJ, STEIN PDJ, SEEDAT S. Biological causative and protective factors in mental illness. In: Baumann E (ed.) *Primary Care Psychiatry: A practical guide for southern Africa*, Juta and Company (Pty) Ltd, Cape Town, South Africa, 2014: 20-36.
10. STEYN N, BRUWER BR, SEEDAT S. Intimate Partner Violence and Mental Health Outcomes. In: Clements T, Pierce-Weeks J, Holt E, Giardino P, Seedat S, Mortiere M (eds.) *Violence Against Women: Contemporary Examination of Intimate Partner Violence*, STM Learning, Inc., Saint Louis, MO, USA, 2015: 349-372.

RADIOLOGY

Journal articles

1. ACULLU D, FOURIE AE, BAATJES KJ, OPAKAS JE. Results of radioactive iodine (¹³¹I) therapy in well differentiated thyroid carcinoma: a retrospective study from the Tygerberg hospital. *British Journal of Medicine & Medical Research* 2015; **11**(9):1-13.

2. BARNARDT P, RELING M. Gestational trophoblastic neoplasm and women living with HIV and/or AIDS. *Southern African Journal of HIV Medicine* 2015; **16**(1):406-412.
3. LOMBE DC, JEREMIC B. A Review of the Place and Role of Radiotherapy in Thymoma. *Clinical Lung Cancer* 2015; **16**(6):406-412.
4. SHAW JA, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, WARWICK JM, JEREMIC B, DU TOIT HR, KOEGELENBERG CFN. Integrated positron emission tomography/computed tomography for evaluation of mediastinal lymph node staging of non-small-cell lung cancer in a tuberculosis-endemic area: A 5-year prospective observational study. *SAMJ South African Medical Journal* 2015; **105**(2):145-150.
5. SIMONDS HM, NEUGUT AI, JACOBSON JS. HIV status and acute hematologic toxicity among patients with cervix cancer undergoing radical chemoradiation. *International Journal of Gynecological Cancer* 2015; **25**(5):884-890.

RADIATION ONCOLOGY

Journal articles

1. ACULLU D, FOURIE AE, BAATJES KJ, OPAKAS JE. Results of radioactive iodine (¹³¹I) therapy in well differentiated thyroid carcinoma: a retrospective study from the Tygerberg hospital. *British Journal of Medicine & Medical Research* 2015; **11**(9):1-13.
2. BARNARDT P, RELING M. Gestational trophoblastic neoplasm and women living with HIV and/or AIDS. *Southern African Journal of HIV Medicine* 2015; **16**(1):406-412.
3. LOMBE DC, JEREMIC B. A Review of the Place and Role of Radiotherapy in Thymoma. *Clinical Lung Cancer* 2015; **16**(6):406-412.
4. SHAW JA, IRUSEN EM, VON GROOTE-BIDLINGMAIER FT, WARWICK JM, JEREMIC B, DU TOIT HR, KOEGELENBERG CFN. Integrated positron emission tomography/computed tomography for evaluation of mediastinal lymph node staging of non-small-cell lung cancer in a tuberculosis-endemic area: A 5-year prospective observational study. *SAMJ South African Medical Journal* 2015; **105**(2):145-150.
5. SIMONDS HM, NEUGUT AI, JACOBSON JS. HIV status and acute hematologic toxicity among patients with cervix cancer undergoing radical chemoradiation. *International Journal of Gynecological Cancer* 2015; **25**(5):884-890.

RADIODIAGNOSIS

Journal Articles

1. AFROGHEH A, BEZUIDENHOUT AF, HILLE J, MOSALLEUM E, SCHNEIDER J, STOFBERG S. A review of primary osteosarcoma of the larynx and case report. *Head and Neck Pathology* 2015; **9**:158-164.
2. ANDRONIKOU S, ACKERMANN C, LAUGHTON B, COTTON MF, TOMAZOS N, SPOTTISWOODE B, MAUFF K, PETTIFOR JM. Corpus callosum thickness on mid-sagittal MRI as a marker of brain volume: a pilot study in children with HIV-related brain disease and controls. *Pediatric Radiology* 2015; **45**:1016-1025.

3. BENINGFIELD SJ, PITCHER RD, ZAR H. The chest X-ray features of chronic respiratory disease in HIV-infected children - a review. *Paediatric Respiratory Reviews* 2015; **16**:258-266.
4. CONRADIE M, CONRADIE MM, SCHER AT, KIDD M, HOUGH FS. Vertebral fracture prevalence in black and white South African women. *Archives of Osteoporosis* 2015; **10**:1, Article 1, 10 pages.
5. DAVIS R. Editorial: The South African Journal of Radiology growing in leaps and bound. *SA Journal of Radiology* 2015; **19**(1):1.
6. DAVIS R, HURTER D, VAN DER WESTHUIZEN G, VAN ZYL C. Giant peritoneal loose bodies. *SA Journal of Radiology* 2015; **19**(1):1-3.
7. DU PLESSIS JJ, PITCHER RD. Towards task shifting? A comparison of the accuracy of acute trauma-radiograph reporting by medical officers and senior radiographers in an African hospital. *Pan African Medical Journal* 2015; **21**:1-7.
8. DU PLESSIS S, VINK M, JOSKA JA, KOUTSILIERI E, BAGADIA A, STEIN D, EMSLEY RA. HIV Infection Is Associated with Impaired Striatal Function during Inhibition with Normal Cortical Functioning on Functional MRI. *Journal of the International Neuropsychological Society* 2015; **21**:722-731.
9. DU PLESSIS S, VINK M, JOSKA JA, KOUTSILIERI E, BAGADIA A, STEIN D, EMSLEY RA. HIV infection results in ventral-striatal reward system hypo-activation during cue processing. *Aids* 2015; **29**(11):1335-1343.
10. DU PLESSIS V, VLOK SC. Meconium pseudocyst associated with congenital CMV infection. *SA Journal of Radiology* 2015; **19**(2):1-3.
11. DU TOIT J, HATTINGH SM, PITCHER RD. The accuracy of radiology speech recognition reports in a multilingual South African teaching hospital. *BMC Medical Imaging* 2015; **15**(8):1-5.
12. KABONGO JM, NEL S, PITCHER RD. Analysis of licenced South African diagnostic imaging equipment. *Pan African Medical Journal* 2015; **22**:1-9.
13. KRIEL M, LOTZ JW, KIDD M, WALZL G. Evaluation of a radiological severity score to predict treatment outcome in adults with pulmonary tuberculosis. *International Journal of Tuberculosis and Lung Disease* 2015; **19**(11):1354-1360.
14. PITCHER RD, LOMBARD CJ, COTTON MF, BENINGFIELD SJ, WORKMAN L, ZAR H. Chest radiographic abnormalities in HIV-infected African children: a longitudinal study. *Thorax* 2015; **70**(9):840-846.
15. VAN TOORN R, DU PLESSIS A, SCHAAF HS, BUYS H, HEWLETT RH, SCHOEMAN JF. Clinicoradiologic Response of Neurologic Tuberculous Mass Lesions in Children Treated with Thalidomide. *Pediatric Infectious Disease Journal* 2015; **34**(2):214-218.
16. VAWDA Z, PITCHER RD, AKUDUGU JM, GROENEWALD WA. Diagnostic reference levels of paediatric computed tomography. *SA Journal of Radiology* 2015; **19**(2):1-4.

SPEECH-LANGUAGE AND HEARING THERAPY

Journal Articles

1. KLOPPERS M, KOORNHOF HE, BESTER J, BARDIEN F. Students' experiences of inter-professional education through International Classification of Functioning-based activities at a community based rehabilitation centre. *African Journal of Health Professions Education* 2015; **7**(1):22-25.

2. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation Clinics: International* 2015; **2**(7):1-7.
3. OOSTHUIZEN H, KLOP D, VISSER M. Navigating professional roles in early literacy intervention: exploring the experiences of speech language therapy students, teachers and clinical tutors. *South African Journal of Childhood Education* 2015; **5**(3):1-10.
4. TORRE P, COOK A, ELLIOTT H, DAWOOD G, LAUGHTON B. Hearing assessment data in HIV-infected and uninfected children of Cape Town, South Africa. *AIDS Care-Psychological and Socio-Medical Aspects of AIDS/HIV* 2015; **27**(8):1037-1041.

Proceedings International

1. DE WET F, MARAIS L, KLOP D. Text-to-Speech enhanced eBooks for emerging literacy development. In: Batliner A (ed.) *SLaTE Workshop on Speech and Language Technology in Education*, Leipzig, Germany, ISCA 2015: 173-177.

Chapters in Books

1. ACKER T, KLOP D. Partnerships with volunteers: implementing language and literacy intervention programmes in underresourced communities. In: Moonsamy S, Kathard H (eds.) *Speech-language therapy in a school context Principles and practices*, Van Schaik Publishers, Pretoria, South Africa, 2015: 237-257.
2. GAGARINA N, KLOP D, KUNNARI S, TANTELE K, VALIMAA T, BALCIUNIENE I, BOHNACKER U, WALTERS J. Assessment of Narrative Abilities in Bilingual Children. In: Armon-Lotem S, de Jong J, Meir N (eds.) *Assessing Multilingual Children Disentangling Bilingualism from Language Impairment*, Multilingual Matters, Bristol, United Kingdom, 2015: 243-276.

SURGERY

Journal Articles

1. ACULLU D, FOURIE AE, BAATJES KJ, OPAKAS JE. Results of radioactive iodine (¹³¹I) therapy in well differentiated thyroid carcinoma: a retrospective study from the Tygerberg hospital. *British Journal of Medicine & Medical Research* 2015; **11**(9):1-13.
2. BICCARD BM, MADIBA TE, PEARSE RM, ALEXANDRIS P, BHAGWANDASS DR, BOFFARD K, COETZEE AR, ESTERHUIZEN T, FOURIE CE, MACHEKANO R, VAN DER MERWE HD, WARREN BL, ET AL. The South African Surgical Outcomes Study: A 7-day prospective observational cohort study. *SAMJ South African Medical Journal* 2015; **105**(6):456-475.
3. GRANT K, PIENAAR FM, BRUNDYN K, SWART G, GERICKE GJ, MYBURGH E, WRIGHT CA, APFFELSTAEDT JP, KOTZE MJ. Incorporating microarray assessment of HER2 status in clinical practice supports individualised therapy in early-stage breast cancer. *Breast* 2015; **24**(2):137-142.
4. KOTZE MJ, LUCKHOFF HK, PEETERS AV, BAATJES KJ, SCHOEMAN M, VAN DER MERWE L, GRANT K, FISHER LR, VAN DER MERWE N, PRETORIUS J,

- VAN VELDEN DP, MYBURGH E, PIENAAR FM, VAN RENSBURG SJ, YAKO YY, SEPTEMBER AV, MOREMI KE, TIFFIN N, BOUWENS CSH, BEZUIDENHOUT J, A. Genomic medicine and risk prediction across the disease spectrum. *Critical Reviews in Clinical Laboratory Sciences* 2015; **52**(3):120-137.
5. LUBBE J, ARNELO U, LUNDELL L, SWAHN F, TORNQVIST B, JONAS E, LOHR JM, ENOCHSSON L. ERCP-guided cholangioscopy using a single-use system: nationwide register-based study of its use in clinical practice. *Endoscopy* 2015; **47**:802-807.
 6. VALENTE R, BALDAQUE-SILVA F, ANTTI S, LUBBE J, ENOCHSSON L, LOHR JM, ARNELO U. Clip and snare lifting technique to assist cannulation of a papilla hidden behind a mucosal fold. *Endoscopy* 2015; **47**: E1 - E2.

Proceedings International

1. MUVUNZI R, DIMITROV DM, MATOPE S, KUFAZVINEI C. Application of Additive Manufacturing for Performance Improvement of Tooling in Moulding and Sheet Metal Forming Processes: A Review. In: Theron M (ed.) 16th International Rapid Product Development (RAPDASA) Conference, Pretoria, South Africa, CSIR 2015: 1-11.

UKWANDA (CENTRE FOR RURAL HEALTH)

Journal Articles

1. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation - International* 2015; **2**(7):1056, 7 pages.

UROLOGY

Journal articles

1. DU PLESSIS DE, VAN DER MERWE A, HEYNS CF. Penile metastases from primary bronchus carcinoma - A case report and literature review. *African Journal of Urology* 2015; **21**(1):57-61.
2. FERNANDEZ PW, SALIE M, DU TOIT D, VAN DER MERWE A. Analysis of Prostate Cancer Susceptibility Variants in South African Men: Replicating Associations on Chromosomes 8q24 and 10q11. *Prostate Cancer* 2015; **2015**: Article ID 465184, 6 pages.

CENTRE FOR EVIDENCE-BASED HEALTH CARE

Journal articles

1. ABDULLAHI LH, KAGINA BMN, WIYSONGE CSU, HUSSEY G. Improving vaccination uptake among adolescents. *Cochrane Database of Systematic Reviews* 2015; **2015**(9): Art. No.: CD 011895, 18 pages.

2. ADEBAYO EF, UTHMAN O, WIYSONGE CSU, STERN EA, LAMONT KT, ATAGUBA JE. A systematic review of factors that affect uptake of community-based health insurance in low-income and middle-income countries. *BMC Health Services Research* 2015; **15**(543):1-13.
3. ADETOKUNBOH OO, SCHOONEES A, BALOGUN TA, WIYSONGE CSU. Efficacy and safety of abacavir-containing combination antiretroviral therapy as first-line treatment of HIV infected children and adolescents: a systematic review and meta-analysis. *BMC Infectious Diseases* 2015; **15**(469):1-13.
4. ANDERSSON MI, RAJBHANDARI R, KEW MC, VENTO S, PREISER W, HOEPELMAN AIM, THERON GB, COTTON MF, COHN J, GLEBE D, LESI O, THURSZ M, PETERS M, CHUNG R, WIYSONGE CSU. Mother-to-child transmission of hepatitis B virus in sub-Saharan Africa: time to act. *Lancet Global Health* 2015; **3**: e-358-e359.
5. ANYA BPM, MIHIGO R, WIYSONGE CSU, DOCHEZ C, AKANMORI BD. Enhancing capacity of professionals and academics for vaccines and immunization in Africa: The 3rd Regional Vaccinology Course for Francophone Countries, Mbour, Senegal, 12th-19th September 2015. *Annals of Vaccines and Immunisations* 2015; **2**(1):1-4.
6. ARTHUMAN M, KABANYWANYI AM, ROHWER AC. Intermittent preventive antimalarial treatment for children with anaemia. *Cochrane Database of Systematic Reviews* 2015; **1**: Art. No.: CD010767, 53 pages.
7. AWOTIDEBE AW, INGLIS-JASSIEM G, YOUNG TN. Low-level laser therapy and exercise for patients with shoulder disorders in physiotherapy practice (a systematic review protocol). *Systematic Reviews* 2015; **4**: 60, 4 pages.
8. AWOTIWON A, ODUWOLE O, SINHA A, OKWUNDU CI. Zinc supplementation for the treatment of measles in children. *Cochrane Database of Systematic Reviews* 2015; **3**: Art. No.: CD011177, 23 pages.
9. BICCARD BM, MADIBA TE, PEARSE RM, ALEXANDRIS P, BHAGWANDASS DR, BOFFARD K, COETZEE AR, ESTERHUIZEN T, FOURIE CE, MACHEKANO R, VAN DER MERWE HD, WARREN BL, ET AL. The South African Surgical Outcomes Study: A 7-day prospective observational cohort study. *SAMJ South African Medical Journal* 2015; **105**(6):456-475.
10. CHACHOU MJ, MUKINDA FK, MOTAZE NV, WIYSONGE CSU. Electronic and postal reminders for improving immunisation coverage in children: protocol for a systematic review and meta-analysis. *BMJ Open* 2015; **2015**(5):1-6.
11. CHIVESE T, ESTERHUIZEN T, BASSON AR. The Influence of Second-Hand Cigarette Smoke Exposure during Childhood and Active Cigarette Smoking on Crohn's Disease Phenotype Defined by the Montreal Classification Scheme in a Western Cape Population, South Africa. *PLoS ONE* 2015; **10**(1371):1-12.
12. COUSSENS K, NAUDE CE, GOLIATH R, CHAPLIN G, WILKINSON RJ, JABLONKSI NG. High-dose vitamin D₃ reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(26):8052-8057.
13. DALAL S, HOLMES MD, LAURENCE C, BAJUNIRWE F, GUWATUDDE D, NJELEKELA M, ADEBAMOWO C, NANKYA-MUTYOBA J, CHIWANGA FS, VOLMINK JA, AJAYI I, KALYESUBULA R, REID TG, DOCKERY D, HEMENWAY D, ADAMI HO. Feasibility of a large cohort study in sub-Saharan Africa assessed through a four-country study. *Global Health Action* 2015; **8**:1-10.

14. DOMINGO AK, ASMAL L, SEEDAT S, ESTERHUIZEN T, LAURENCE C, VOLMINK JA. Investigating the association between diabetes mellitus, depression and psychological distress in a cohort of South African teachers. *SAMJ South African Medical Journal* 2015; **105**(12):1-4.
15. DRAPER CE, NICOL LA, MICKLESFIELD LK, NORRIS S. Impact of social norms and social support on diet, physical activity and sedentary behaviour of adolescents: a scoping review. *Child Care Health and Development* 2015; **41**(5):654-667.
16. DUDLEY LD, YOUNG TN, ROHWER AC, WILLEMS B, DRAMOWSKI A, GOLIATH C, MUKINDA FK, MARAIS F, MEHTAR S, CAMERON NA. Fit for purpose? A review of a medical curriculum and its contribution to strengthening health systems in South Africa. *African Journal of Health Professions Education* 2015; **7**(1):81-85.
17. DURAO S, AJUMOBI O, KREDO T, NAUDE CE, LEVITT N, STEYN K, BRADSHAW D, YOUNG TN. Evidence insufficient to confirm the value of population screening for diabetes and hypertension in low- and middle-income settings. *SAMJ South African Medical Journal* 2015; **105**(2):98-102.
18. DURAO S, SCHOONEES A, RAMOKOLO V, DE OLIVEIRA JM, KRISTJANSSON E. Community-level interventions for improving access to food in low- and middle-income countries. *Cochrane Database of Systematic Reviews* 2015; **2**: Art. No.: CD011504, 21 pages.
19. FAREBROTHER J, NAUDE CE, NICOL LA, ANDERSON M, ZIMMERMAN M. Iodised salt and iodine supplements for prenatal and postnatal growth: a rapid scoping of existing systematic reviews. *Nutrition Journal* 2015; **14**(89):1-14.
20. FAREBROTHER J, NAUDE CE, NICOL LA, SANG Z, YANG Z, ANDERSON M, JOOSTE P, ZIMMERMAN M. Systematic review of the effects of iodised salt and iodine supplements on prenatal and postnatal growth: study protocol. *BMJ Open* 2015; **2015**(5):1-7.
21. GONZALEZ U, PINART M, SINCLAIR D, FIROOZ A, ENK C, VELEZ ID, ESTERHUIZEN T, TRISTAN M, ALVAR J. Vector and reservoir control for preventing leishmaniasis. *Cochrane Database of Systematic Reviews* 2015; **2015**(8):1-100.
22. GUWATUDDE D, NANKYA-MUTYOBA J, KALYESUBULA R, LAURENCE C, ADEBAMOWO C, AJAYI I, BAJUNIRWE F, NJELEKELA M, CHIWANGA FS, REID TG, VOLMINK JA, ADAMI HO, HOLMES MD, DALAL S. The burden of hypertension in sub-Saharan Africa: a four-country cross sectional study. *BMC Public Health* 2015; **15**(1211):1-8.
23. HOFMEYR GJ, SEUC AH, BETRAN AP, PURNAT TD, CIGANDA A, MUNJANJA SP, MANYAME S, SINGATA M, FAWCUS S, FRANK K, HALL DR. The effect of calcium supplementation on blood pressure in non-pregnant women with previous pre-eclampsia: An exploratory, randomized placebo controlled study. *Pregnancy Hypertension: An International Journal of Women's Cardiovascular Health* 2015; **5**:273-279.
24. IRUSEN PH, ROHWER AC, STEYN DW, YOUNG TN. Treatments for breast abscesses in breastfeeding women. *Cochrane Database of Systematic Reviews* 2015; **8**: Art. No.: CD 010490, 56 pages.
25. KARINJA MN, ESTERHUIZEN T, FRIEDRICH SO, DIACON AH. Sputum volume predicts sputum mycobacterial load during first 2 weeks of antituberculosis treatment. *Journal of Clinical Microbiology* 2015; **53**(4):1087-1091.

26. KASHANGURA R, SENA ES, YOUNG TN, GARNER P. Effects of MVA85A vaccine on tuberculosis challenge in animals: systematic review. *International Journal of Epidemiology* 2015; **44**(6): 1970–1981.
27. KREDO T, MCCAUL MG, VOLMINK JA. Task-shifting from doctors to non-doctors for initiation and maintenance of antiretroviral therapy. *SAMJ South African Medical Journal* 2015; **105**(8):626-627.
28. KREDO T, YOUNG TN, WIYSONGE CSU, MCCAUL MG, VOLMINK JA. The Cochrane Corner in the SAMJ: Summaries of Cochrane systematic reviews for evidence-informed practice. *SAMJ South African Medical Journal* 2015; **105**(7):548.
29. LEWIS JM, MACPHERSON P, ADAMS ER, OCHODO EA, SANDS A, TAEGTMEYER M. Field accuracy of fourth-generation rapid diagnostic tests for acute HIV-1: a systematic review. *Aids* 2015; **29**(18):2465-2471.
30. LUNGUNI L, MBEYE N, ADENIYI FB, WIYSONGE CSU. Protocol for a systematic review of the effects of interventions to inform or educate caregivers about childhood vaccination in low and middle-income countries. *BMJ Open* 2015; **2015**(5):1-4.
31. LUTGE EE, WIYSONGE CSU, KNIGHT SE, SINCLAIR D, VOLMINK JA. Incentives and enablers to improve adherence in tuberculosis. *Cochrane Database of Systematic Reviews* 2015; 9: Art. No.: CD007952, 51 pages.
32. MACHEKANO R, YOUNG TN, CONRADIE WJ, RUSAKANIKO S, THABANE L. Workshop report: building biostatistics capacity in Sub-saharan Africa-taking action. *Pan African Medical Journal* 2015; **21**(167):1-10.
33. MACHINGAIDZE S, KREDO T, LOUW QA, YOUNG TN, GRIMMER KA. South African Guidelines Excellence (SAGE): Clinical practice guidelines - quality and credibility. *SAMJ South African Medical Journal* 2015; **105**(9):743-745.
34. MANGESI L, HOFMEYER GJ, SMITH V, SMYTH RMD. Fetal movement counting for assessment of fetal wellbeing. *Cochrane Database of Systematic Reviews* 2015; **10**: Art. No.: CD004909, 51 pages.
35. MCCAUL MG, LOURENS A, KREDO T. Cochrane corner: prehospital versus in-hospital thrombolysis for ST-elevation myocardial infarction. *Heart* 2015; **101**:1857-1858.
36. MOTAZE N, CHI C, ONGOLO-ZOLO P, NDONGO JS, WIYSONGE CSU. Government regulation of private health insurance (Protocol). *Cochrane Database of Systematic Reviews* 2015; **4**: Art. No.: CD011512, 14 pages.
37. NAIDOO I, CHARLTON K, ESTERHUIZEN T, CASSIM B. High risk of malnutrition associated with depressive symptoms in older South Africans living in KwaZulu-Natal, South Africa: a cross-sectional survey. *Journal of Health Population and Nutrition* 2015; **33**(19):1-8.
38. NAUDE CE, ZANIB, ONGOLO-ZOGO P, WIYSONGE CSU, DUDLEY LD, KREDO T, GARNER P, YOUNG TN. Research evidence and policy: qualitative study in selected provinces in South Africa and Cameroon. *Implementation Science* 2015; **10**:1-10.
39. NICOL LA, MARAIS BJ, MABUNDA SA. Interventions for increasing the proportion of health professionals practising in rural and other underserved areas. *Cochrane Database of Systematic Reviews* 2015; **2015**(6): Art. No.: CD005314, 81 pages.
40. NKHATA LA, ESTERHUIZEN T, SIZIYA S, PHIRI PDC, MUNALULA-NKANDU E, SHULA H. The Prevalence and Perceived Contribution Factors for Work-

- Related Musculoskeletal Disorders among Nurses at the University Teaching Hospital in Lusaka, Zambia. *Science Journal of Public Health* 2015; **3**(4):508-513.
41. OCHODO EA, GOPALAKRISHNA G, SPEK B, REITSMA J, VAN LIESHOUT L, POLMAN K, LAMBERTON P, BOSSUYT PMM, LEEFLANG MMG. Circulating antigen tests and urine reagent strips for diagnosis of active schistosomiasis in endemic areas. *Cochrane Database of Systematic Reviews* 2015; **3**: Art. No.: CD009579, 292 pages.
 42. PULE GD, MOWLA S, NOVITZKY N, WIYSONGE CSU, WONKAM A. A systematic review of known mechanisms of hydroxyurea-induced fetal hemoglobin for treatment of sickle cell disease. *Expert Review of Hematology* 2015; **8**(5):1-11.
 43. ROHWER AC, WILLEMS B, YOUNG TN. Taking stock of evidence-based healthcare in the undergraduate medical curriculum at Stellenbosch University: Combining a review of curriculum documents and input from recent graduates. *African Journal of Health Professions Education* 2015; **7**(1):98-104.
 44. TURAWA EB, MUSEKIWA A, ROHWER AC. Interventions for preventing postpartum constipation. *Cochrane Database of Systematic Reviews* 2015; **9**: Art. No.: CD011625, 43 pages.
 45. TURAWA EB, MUSEKIWA A, ROHWER AC. Interventions for preventing postpartum constipation (Protocol). *Cochrane Database of Systematic Reviews* 2015; **3**:1-10.
 46. USENBO AO, KRAMER V, YOUNG TN, MUSEKIWA A. Prevalence of Arthritis in Africa: A Systematic Review and Meta-Analysis. *PLoS ONE* 2015; **10**(8):1-19.
 47. UTHMAN O, OKWUNDU CI, GBENGA K, VOLMINK JA, DOWDY D, ZUMLA A, NACHEGA JB. Optimal Timing of Antiretroviral Therapy Initiation for HIV-Infected Adults with Newly Diagnosed Pulmonary Tuberculosis. A Systematic Review and Meta-analysis. *Annals of Internal Medicine* 2015; **163**(1):32-45.
 48. VAN ENST WA, NAAKTGEBOREN CA, OCHODO EA, DE GROOT JAH, LEEFLANG MMG, REITSMA J, SCHOLTEN RJPM, MOONS KGM, ZWINDERMAN AH, BOSSUYT PMM, HOOFT L. Small-study effects and time trends in diagnostic test accuracy meta-analyses: a meta-epidemiological study. *Systematic Reviews* 2015; **4**(66):1-7.
 49. WIYSONGE CSU. *Cochrane Column: Improving people's access to HIV treatment. International Journal of Epidemiology* 2015; **44**(3):750-755.
 50. WIYSONGE CSU. *Cochrane Column: Dihydroartemisinin-piperazine for treating uncomplicated falciparum malaria. International Journal of Epidemiology* 2015; **44**(5):1502-1505.
 51. WIYSONGE CSU, YOUNG TN, KREDO T, MCCAUL MG, VOLMINK JA. Interventions for improving childhood vaccination coverage in low-and middle-income countries. *SAMJ South African Medical Journal* 2015; **105**(11):892-893.
 52. YOUNG TN, ROHWER AC, VAN SCHALKWYK SC, VOLMINK JA, CLARKE M. Patience, Persistence and Pragmatism: Experiences and Lessons Learnt from the Implementation of Clinically Integrated Teaching and Learning of Evidence-Based Health Care – A Qualitative Study. *PLoS ONE* 2015; **10**(6):1-19.
 53. YOUNG TN, ROHWER AC, VOLMINK JA, CLARKE M. Perspectives of undergraduate module convenors at a South African academic institution on medical student training in evidence-based health care: a qualitative study. *South African Family Practice* 2015; **57**(6):1-8.
 54. ZEIER MD, BOTHA MHH, ENGELBRECHT S, MACHEKANO R, JACOBS GB, ISAACS S, VAN SCHALKWYK M, NACHEGA JB. Combination antiretroviral

therapy reduces the detection risk of cervical human papilloma virus infection in women living with HIV. *Aids* 2015; **29**:59-66.

CENTRE FOR HEALTH PROFESSIONS EDUCATION

Journal articles

1. FRANTZ MJ, BEZUIDENHOUT J, BURCH VC, MTHEMBU S, ROWE M, TAN PHOAY LAY C, VAN WYK J, VAN HEERDEN BB. The impact of a faculty development programme for health professions educators in sub-Saharan Africa: an archival study. *BMC Medical Education* 2015; **15**(28):1-15.
2. KIGULI-MALWADDE E, TALIB ZM, WOHLTJEN H, CONNORS SC, GANDARI J, BANDA SS, MAGGIO LA, VAN SCHALKWYK SC. Medical education departments: a study of four medical schools in Sub-Saharan Africa. *BMC Medical Education* 2015; **15**:109, 9 pages.
3. LEIBOWITZ B, BOZALEK V, VAN SCHALKWYK SC, WINBERG C. Institutional context matters: the professional development of academics as teachers in South African higher education. *Higher Education* 2015; **69**(2):315-330.
4. LOUW AJN, DE VILLIERS A. Teaching first aid in high schools: The impact on students in the health sciences extended degree programme. *South African Journal of Higher Education* 2015; **29**(1):198-210.
5. SNYMAN ISDW, VON PRESSENTIN KB, CLARKE M. International Classification of Functioning disability and Health: Catalyst for interprofessional education and collaborative practice. *Journal of Interprofessional Care* 2015; **29**(4): 313-319.
6. VAN SCHALKWYK SC, BEZUIDENHOUT J, DE VILLIERS MR. Understanding rural clinical learning spaces: Being and becoming a doctor. *Medical Teacher* 2015; **37**:589-594.
7. VAN SCHALKWYK SC, KOK NJ, CONRADIE HH, VAN HEERDEN BB. Academic achievement of final-year medical students on a rural clinical platform: Can we dispel the myths? *African Journal of Health Professions Education* 2015; **7**(1):115-118.
8. VAN SCHALKWYK SC, LEIBOWITZ BL, HERMAN N, FARMER JL. Reflections on professional learning: Choices, context and culture. *Studies in Educational Evaluation* 2015; **46**:4-10.
9. VOSS M, COETZEE JF, CONRADIE HH, VAN SCHALKWYK SC. 'We have to flap our wings or fall to the ground': The experiences of medical students on a longitudinal integrated clinical model. *African Journal of Health Professions Education* 2015; **7**(1):119-124.
10. YOUNG TN, ROHWER AC, VAN SCHALKWYK SC, VOLMINK JA, CLARKE M. Patience, Persistence and Pragmatism: Experiences and Lessons Learnt from the Implementation of Clinically Integrated Teaching and Learning of Evidence-Based Health Care – A Qualitative Study. *PLoS ONE* 2015; **10**(6):1-19.

Chapters in books

1. BLITZ J. How to do a Caesarean section. In: Mash R, Blitz J (eds.) *South African Family Practice Manual - 3rd Edition*, Van Schaik, Braamfontein, South Africa, 2015: Add page numbers.

2. BLITZ J. How to do a paracervical block. In: Mash R, Blitz J (eds.) South African Family Practice Manual - 3rd Edition, Van Schaik, Braamfontein, South Africa, 2015: Add page numbers.
3. DE VILLIERS MR, VAN SCHALKWYK SC. How to facilitate small-group learning. In: Mash R, Blitz J (eds.) South Africa Family Practice Manual; 3rd Edition, Van Schaik, Pretoria, South Africa, 2015: 603-605.
4. DE VILLIERS MR, VAN SCHALKWYK SC. Chapter 177: How to facilitate small-group learning. In: Mash R, Blitz J (eds.) South Africa Family Practice Manual; 3rd Edition, Van Schaik, Pretoria, South Africa, 2015: 603-605.
5. HEAN S, DOUCET S, BAINBRIDGE L, BALL V, ANDERSON L, BALDWIN C, GREEN C, PITT R, SNYMAN ISDW, SCHMIDT S, CLARK P, GILBERT J, OANDASAN I. Theoretical Approaches to Interprofessional Client-Centered Collaborative Practice. In: Orchard C, Bainbridge L (eds.) Interprofessional Client-Centred Collaborative Practice: What does it Look Like? How can it be achieved? Nova Science Publishers, United Kingdom, 2015: 143-160.
6. VAN SCHALKWYK SC, BEZUIDENHOUT J. Developing the research question: setting the course for your research travels. In: Cleland J, Durning S (eds.) Researching Medical Education, John Wiley, New Jersey, USA, 2015: 35-42.

CENTRE FOR MEDICAL ETHICS & LAW

Journal articles

1. MOODLEY K. The Fabricius decision on the Stransham-Ford case – an enlightened step in the right direction. SAMJ South African Medical Journal 2015; **105**(6):434-435.
2. MOODLEY K, KLING S. Dual Loyalties, Human Rights Violations, and Physician Complicity in Apartheid South Africa. American Medical Association Journal of Ethics 2015; **17**(10):966-972.
3. MORROW BM, ARGENT AC, KLING S. Informed consent in paediatric critical care research- A South African perspective. BMC Medical Ethics 2015; **16**(62):1-13.
4. MWINGA AG, MOODLEY K. Engaging with Community Advisory Boards (CABs) in Lusaka Zambia: perspectives from the research team and CAB members. BMC Medical Ethics 2015; **16**(39):1-11.
5. RENNIE S, SIEDNER M, TUCKER JD, MOODLEY K. The ethics of talking about 'HIV cure'. BMC Medical Ethics 2015; **16**(18):1-8.
6. STAUNTON CL. Informed consent for HIV cure research in South Africa: issues to consider. BMC Medical Ethics 2015; **16**(3):1-7.

CENTRE FOR REHABILITATION STUDY

Journal articles

1. CAWOOD J, VISAGIE SJ. Environmental factors influencing participation of stroke survivors in a Western Cape setting. African Journal of Disability 2015; **4**(1):1-9.
2. EIDE AH, SWARTZ LP, MANNAN H, KHOGALI M, VAN ROOY G, MUNTHALI A, HEM KG, MACLACHLAN M, DYRSTAD K. Perceived barriers for Accessing

- Health Services among individuals with Disability in Four African Countries. *PLoS ONE* 2015; **10**(5):1-9.
3. KHASNABIS C, MIRZA Z, MACLACHLAN M. Opening the GATE to inclusion for people with disabilities. *Lancet* 2015; **386**:2229-2230.
 4. KUMURENZI A, GOLIATH C, MJI G, MLENZANA N, JOSEPH C, STATHAM SB, RHODA A. Experiences of patients and service providers with out-patient rehabilitation services in a rehabilitation centre in the Western Cape Province. *African Journal of Disability* 2015; **4**(1): Art. #164, 7 pages.
 5. MUNTHALI A, MANNAN H, MACLACHLAN M, SWARTZ LP, MAKUPE C, CHILIMAMPUNGA C. Non-use of Formal Health Services in Malawi Perceptions from Non-users. *Malawi Medical Journal* 2014; **26**(4):126-132.
 6. NED LY, MJI G, KRIGE FK, MULLER JV, DUVENAGE CM, RUNOWICZ AN, JOUBERT EM. A Coordinated Collaborative Response to Rehabilitation Needs of Persons with Disabilities. *Physical Medicine and Rehabilitation Clinics: International* 2015; **2**(7):1-7.
 7. SCHEFFLER ES, VISAGIE SJ, SCHNEIDER M. The impact of health service variables on healthcare access in a low resourced urban setting in the Western Cape, South Africa. *African Journal of Primary Health Care & Family Medicine* 2015; **7**(1): Art. #820, 11 pages.
 8. VERGUNST R, SWARTZ LP, MJI G, MACLACHLAN M, MANNAN H. "You must carry your wheelchair" - barriers to accessing healthcare in a South African rural area. *Global Health Action* 2015; **8**:29003, 8 pages.
 9. VISAGIE SJ, DUFFIELD S, UNGER M. Exploring the impact of wheelchair design on user function in a rural South African setting. *African Journal of Disability* 2015; **4**(1):1-8.
 10. VISAGIE SJ, MLAMBO T, VAN DER VEEN J, NHUNZVI C, TIGERE D, SCHEFFLER ES. Is any wheelchair better than no wheelchair? A Zimbabwean perspective. *African Journal of Disability* 2015; **4**(1):1-10.

Chapters in books

1. MACLACHLAN M. Culture, Empowerment and Health. In: Murray M (ed.) *Critical Health Psychology*, 2nd Edition, Palgrave Mac Millan, Hampshire, United Kingdom, 2015: 125-144.

FACULTY OF LAW

MERCANTILE LAW

Journal articles

1. CALITZ KB. The extension of bargaining council agreements to non-parties. SA Mercantile Law 2015; 1(27):1-27.
2. CALITZ KB. The liability of churches for the historical sexual assault of children by priests. Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal 2014; 17(6):2452-2486.
3. COETZEE J. The role and function of trade usage in modern international sales law. Uniform Law Review 2015; 20(2-3):243-270.
4. COETZEE J. CISG and Regional Sales Law: Friends or Foes. Journal of Law, Society and Development 2015; 2(1):29-47.
5. DE LANGE S. The Social and Ethics Committee in Terms of the 2008 Companies Act: Some observations regarding the exemptions and the role of the Companies Tribunal. SA Mercantile Law 2015; 27(3):507-539.
6. DU PLESSIS I. The Incorporation of Double Taxation Agreements into South African Domestic Law. Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal 2015; 18(4):1187-1204.
7. JANSEN VAN RENSBURG EC. The Origins and Development of the General Deduction Formula in Income Tax Legislation of the Cape Colony. SA Mercantile Law 2015; 27(1):92-127.
8. KARJIKER S. The First-Sale Doctrine: Parallel Importation and Beyond. Stellenbosch Law Review 2015; 26(3):633-661.
9. LOUW AM. The Employment Equity Act, 1998 (And Other Myths about the Pursuit of "Equality" and "Dignity" in Post-Apartheid South Africa) Part 1. Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal 2015; 18(3):594-667.
10. LOUW AM. The Employment Equity Act, 1998 (And Other Myths about the Pursuit of "Equality" and "Dignity" In the Post-Apartheid South Africa) Part 2. Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal 2015; 18(3):669-733.

Proceedings International

1. RUPPEL OC. Sustainable Energy Solutions for Southern Africa Powering Growth and Prosperity. Roundtable: The Brenthurst Foundation, Johannesburg, South Africa, Brenthurst Foundation 2015: 3-23.

Books

1. SHUMBA T. Harmonising Regional Trade Law in the Southern African Development Community (SADC): A Critical Analysis of the CISG, OHADA and CSEL. Nomos Verlagsgesellschaft, Germany 2015:357 pp.
2. SUTHERLAND PJ. Competition Law of South Africa: An Introduction to Competition Law. LexisNexis, Durban, South Africa 2015:40 pp.

Chapters in books

1. DEAN OH, KARJIKER S. Chapter 10: Special Remedies. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 110-120.
2. DEAN OH, KARJIKER S. Chapter 2: Works Eligible for Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 6-20.
3. DEAN OH, KARJIKER S. Chapter 3: Conditions for Subsistence of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 21-24.
4. DEAN OH, KARJIKER S. Chapter 5: Ownership of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 39-42.
5. DEAN OH, KARJIKER S. Chapter 12: Disposition of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 141-156.
6. DEAN OH, KARJIKER S. Chapter 17: Counterfeit Goods. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 217-226.
7. DEAN OH, KARJIKER S. Chapter 8: Infringement of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 65-98.
8. DEAN OH, KARJIKER S. Chapter 11: Court Proceedings Relating to Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 121-136.
9. DEAN OH, KARJIKER S. Chapter 1: Copyright: Preliminary Discourse. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 1-5.
10. DEAN OH, KARJIKER S. Chapter 7: Nature and Scope of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 53-64.
11. DEAN OH, KARJIKER S. Chapter 13: International Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 163-166.
12. DEAN OH, KARJIKER S. Chapter 16: Performers' Protection. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 191-200.
13. DEAN OH, KARJIKER S. Chapter 6; Duration of Copyright. In: Dean OH (ed.) Handbook of South African Copyright Law, Juta, Cape Town, South Africa, 2015: 49-50.
14. RUPPEL OC. Climate Change, Law and Development in Africa: A Reflection on Selected Aspects, Relations and Responses. In: Koch HJ, Konig D, Sanden J, Verheyen R (eds.) Legal Regimes for Environmental Protection: Governance of Climate Change and Ocean Resources, Brill Nijhoff, Netherlands, 2015: 89-125.
15. RUPPEL OC, RUPPEL-SCHLICHTING KRS. Comparative Legal Aspects of the Potential or Renewable Energies to Promote Energy Security, Sustainable Development and Climate Change Mitigation: Germany, South Africa and Namibia. In: Ruppel OC (ed.) Perspectives on Energy Security and Renewable Energies in Sub-Saharan Africa: Practical Opportunities and Regulatory Challenges, Macmillan Education Namibia, 2015: 81-131.

16. RUPPEL OC, SHIFOTOKA FO. Foreign Direct Investment Protection for Improved Energy Security in Southern Africa: The Examples of SADC and Namibia. In: Ruppel OC (ed.) Perspectives on Energy Security and Renewable Energies in Sub-Saharan Africa: Practical Opportunities and Regulatory Challenges, Macmillan Education Namibia, 2015: 161-195.

PRIVATE LAW

Journal articles

1. BOGGENPOEL ZT. Applying the mandament van spolie in the case of incorporeals: two recent examples from case law. *Tydskrif vir die Suid-Afrikaanse Reg* 2015; **1**:76-93.
2. BOGGENPOEL ZT. The ambit of the discretion of courts in the case of encroachments: Fedgroup Participation Bond Managers (Pty) Ltd v Trustee of the Capital Property Trust Collective Investment Scheme in Property. *South African Law Journal* 2015; **132**(1):5-15.
3. BOGGENPOEL ZT. Questioning the use of the mandament van spolie in *Ngqukumba v Minister of Safety and Security* 2014 5 SA 112 (CC). *Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal* 2015; **18**(3):735-754.
4. BOOYSEN J, VAN DER MERWE CG. The Rationale for the Imposition of Non-Financial Obligations on Apartment Owners in a Sectional Title Scheme. *Stellenbosch Law Review* 2015; **26**(1):168-189.
5. BROODRYK T, BUITENDAG M. Writing-intensive Courses across the Law Curriculum: Developing Law Students' Critical Thinking and Writing Skills - A Post-Evaluation Assessment. *Obiter* 2015; **36**(3):615-630.
6. DE WAAL MJ. The Law of Succession (Including Administration of Estates) and Trusts. *Annual Survey of South African Law* 2013; **2013**:984-1006.
7. DU PLESSIS JE. Illegal contracts and the burden of proof. *South African Law Journal* 2015; **132**(3):664-688.
8. DU PLESSIS W, OLIVIER NJJ, PIENAAR JM. Onrus en geweld: 2015 (1). *Southern African Public Law (SA Public Law)* 2015; **30**(1):222-236.
9. ERASMUS HJ. Judicial case management and the adversarial mindset - the New Namibian rules of court. *Journal of South African Law/ Tydskrif vir die Suid Afrikaanse Reg (TSAR)* 2015; **2**:259-267.
10. ERASMUS HJ. The Beginnings of a Mixed System; or, Advocates at the Cape Bar during the Early Nineteenth Century. *Fundamina: A Journal of Legal History* 2015; **21**(2):219-233.
11. ERASMUS HJ. Judicial review of inferior court proceedings - or, the ghost of the prerogative writs in South African law. *Journal of South African Law/ Tydskrif vir die Suid Afrikaanse Reg (TSAR)* 2015; **1**:94-104.
12. JANSEN N. Commenting upon European Contract Law. *Zeitschrift für Gemeinschaftsprivatrecht* 2015; **12**(1):2-10.
13. JANSEN N. Auctoritas omnium legum. *Zeitschrift für Historische Forschung* 2015; **42**:1685-1688.
14. JANSEN N. Verwicklungen und Entflechtungen zur Verbindung und Differenzierung von Recht und Religion, Gesetz und rechtlicher Vernunft im frühneuzeitlichen Naturrechtsdiskurs. *Zeitschrift der Savigny-Stiftung für Rechtsgeschichte (Germanistische Abteilung)* 2015; **132**(1):29-81.

15. JANSEN N. Case note on BGH, 16.6.2015 - XI ZR 243/13. *Juristenzeitung* 2015; **2015**:952-956.
16. JANSEN N, RADEMACHER L. Das vertauschte Bankschließfach. *Juristische Schulung* 2015; **11**:1017-1021.
17. PIENAAR JM. Land reform and housing: Reaching for the rafters or struggling with foundations? *Southern African Public Law (SA Public Law)* 2015; **30**(1):1-25.
18. PIENAAR JM. Land reform embedded in the Constitution: legal contextualisation. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**(1):1-20.
19. PIENAAR JM, DU PLESSIS W, OLIVIER NJJ. Land matters and rural development: 2015 (1). *Southern African Public Law (SA Public Law)* 2015; **30**(1):237-271.
20. VAN DER MERWE CG, PIENAAR JM. The Law of Property (Including Real Security). *Annual Survey of South African Law* 2013; **2013**:879-962.
21. VAN DER MERWE SJH. Cautioning the careless writer: The importance of accurate and ethical legal writing. *Journal for Juridical Science* 2014; **39**(2):23-52.
22. WESSELS AB. Reconsidering the Legal Position of Victims of Violent Crime: *DN v MEC for Health* 2014 (3) SA 49 (FB); *MEC for Health v DN* 2015 (1) SA 182 (SCA). *Obiter* 2015; **36**(3):539-556.

Books

1. DE WAAL MJ, SCHOEMAN-MALAN MC. *Erfreg 5de Uitgawe*. Juta, Kaapstad, South Africa 2015:342 pp.
2. DE WAAL MJ, SCHOEMAN-MALAN MC. *Law of Succession 5th Edition*. Juta, Kaapstad, South Africa 2015:304 pp.
3. VAN DER MERWE CG, PIENAAR JM, DE WAAL MJ. *Property and Trust Law: South Africa*. Kluwer Law International, Den Haag, Netherlands 2015:804 pp.

Chapters in books

1. BOOYSEN J, VAN DER MERWE CG. Critical evaluation of the sanctions available to remove chronic troublemakers from sectional title schemes. In: Jansen R, Knobel J, Potgieter J (eds.) *Essays in Honour of / Huldigingsbundel vir Johann Neethling*, LexisNexis, Durban, South Africa, 2015: 483-495.
2. BROODRYK T. A developing mediation minnow: The South African perspective. In: Esplugues C, Marquis L (eds.) *New Developments in Civil and Commercial Mediation: Global Comparative Perspectives*, Springer International Publishing, Switzerland, 2015: 667-692.
3. DE WAAL MJ. Intestate Succession in South Africa. In: De Waal MJ, Reid KGC, Zimmermann R (eds.) *Comparative Succession Law Vol II: Intestate Succession*, Oxford University Press, Oxford, United Kingdom, 2015: 248-273.
4. DE WAAL MJ. Part III: Trust and Fiduciary Mechanisms. In: De Waal MJ (ed.) *International Encyclopaedia of Laws: Property Law (South Africa)*, Kluwer Law International, Den Haag, Netherlands, 2015: 1102-1151.
5. DU PLESSIS JE. Chapter 3: Validity. In: Huber P, Vogenauer S (eds.) *Commentary on the UNIDROIT Principles of International Commercial Contracts (PICC) 2th Edition*, Oxford University Press, Oxford, United Kingdom, 2015: 538-550.
6. DU PLESSIS JE. Chapter 3: Validity. In: Huber P, Vogenauer S (eds.) *Commentary on the UNIDROIT Principles of International Commercial*

- Contracts (PICC) 2th Edition, Oxford University Press, Oxford, United Kingdom, 2015: 472-474.
7. DU PLESSIS JE. Chapter 3: Validity. In: Huber P, Vogenauer S (eds.) *Commentary on the UNIDROIT Principles of International Commercial Contracts (PICC) 2th Edition*, Oxford University Press, Oxford, United Kingdom, 2015: 497-523.
 8. DU PLESSIS JE, JANSEN N. Foreword. In: Fombad CM, Mancuso S (eds.) *Comparative Law in Africa: Methodologies and Concepts*, Juta, Cape Town, South Africa, 2015: I-III.
 9. DU PLESSIS JE, VISSER D. Disgorgement of Profits in South African Law. In: Hondius E, Janssen A (eds.) *Disgorgement of Profits: Gain-based Remedies throughout the World*, Springer International Publishing, Switzerland, 2015: 345-367.
 10. JANSEN N. Katholische Theologie und protestantische Jurisprudenz. Zur Rechtsgeschichte der Restitutionslehre im 16. und 17. Jahrhundert. In: Schmoeckel M, Von Friedeburg R (eds.) *Recht, Konfession und Verfassung im 17. Jahrhundert*, Duncker und Humblot, Berlin, Germany, 2015: 165-188.
 11. JANSEN N. Trapped in categories. On the history of compensation for immaterial damage in European contract law. In: Palmer VV (ed.) *The Recovery of Non-Pecuniary Loss in European Contract Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 23-42.
 12. PIENAAR JM. Land reform and restitution in South Africa: An embodiment of justice? In: De Ville J (ed.) *Memory and Meaning: Lourens du Plessis and the Haunting of Justice*, LexisNexis, Durban, South Africa, 2015: 141-160.
 13. REID KGC, DE WAAL MJ, ZIMMERMANN R. Intestate Succession in Historical and Comparative Perspective. In: De Waal MJ, Reid KGC, Zimmermann R (eds.) *Comparative Succession Law Vol II: Intestate Succession*, Oxford University Press, Oxford, United Kingdom, 2015: 442-512.
 14. VAN DER MERWE CG. Part II - Case 7: No more rules please! South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 426-427.
 15. VAN DER MERWE CG. Part I - Chapter 1: Introduction. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 3-8.
 16. VAN DER MERWE CG. Sectional Titles Share Blocks and Time-sharing Vol 1 Sectional Titles Service Issue 20. In: Van Der Merwe CG (ed.) *Sectional Titles, Share Blocks and Time-sharing*, LexisNexis, Durban, South Africa, 2015: 1-1 — 8-12.
 17. VAN DER MERWE CG. Part II - Case 1: Purchasing a unit based on building plans: South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 120-121.
 18. VAN DER MERWE CG. Part II - Case 8: Are all resolutions binding? South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 486-489.
 19. VAN DER MERWE CG. Part I - Chapter 2: Genesis of condominium. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 9-24.
 20. VAN DER MERWE CG. Part II - Case 1: Purchasing a unit based on building plans. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 81-84.

21. VAN DER MERWE CG. Part II - Case 8: Are all resolutions binding? In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 430-443.
22. VAN DER MERWE CG. *Perspectiva internacional de la propiedad horizontal*. In: Nasarre-Aznar S (ed.) *Bienes en Comun*, Tirant Lo Blanch, Valencia, Spain, 2015: 528-572.
23. VAN DER MERWE CG. Preface. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: xvi-xviii.
24. VAN DER MERWE CG. Part I - Chapter 3: Comparative survey of jurisdictions represented. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 25-54.
25. VAN DER MERWE CG. General Introduction. In: Sagaert S, Verbeke AL (eds.) *International Encyclopedia of Laws: Property and Trust Law*, Kluwer Law International, alphen aan den rijn, Netherlands, 2015: 23-50.
26. VAN DER MERWE CG. Part II - Case 5: How does one deal with the assessment defaulter? South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 363-367.
27. VAN DER MERWE CG. Part II - Case 6: How does one deal with an obnoxious owner? South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 394-396.
28. VAN DER MERWE CG. Part II - Case 4: My apartment is my castle: leave me alone! South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 306-310.
29. VAN DER MERWE CG. Part I - Chapter 4: The many faces of condominiums. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 55-66.
30. VAN DER MERWE CG. Part I. Law of Property. In: Sagaert S, Verbeke AL (eds.) *International Encyclopaedia of Laws: Property Law (South Africa)* 3rd edition, Kluwer Law International, Den Haag, Netherlands, 2015: 51-724.
31. VAN DER MERWE CG. Part II - Case 2: Restrictions on sale and letting of apartments. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 125-132.
32. VAN DER MERWE CG. Part II - Case 3: Who is responsible for maintenance? South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 223-225.
33. VAN DER MERWE CG. Part II - Case 7: No more rules please! In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 399-402.
34. VAN DER MERWE CG. Part II - Case 9: 'We, the tenants in condominium schemes, want more rights!' [What shall we do with the tenants in a condominium scheme?] South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 514-515.
35. VAN DER MERWE CG. Part I - Chapter 5: Establishment and basic condominium concepts. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 67-77.
36. VAN DER MERWE CG. Part II - Case 5: How does one deal with the assessment defaulter? In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 317-326.

37. VAN DER MERWE CG. Part II - Case 9: 'We, the tenants in condominium schemes, want more rights!' [What shall we do with the tenants in a condominium scheme?]. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 494-497.
38. VAN DER MERWE CG. Part II - Case 10: The condominium scheme needs a face lift. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 517-532.
39. VAN DER MERWE CG. Part II - Case 10: The condominium scheme needs a face lift. South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 572-577.
40. VAN DER MERWE CG. Part II - Case 2: Restrictions on sale and letting of apartments: South Africa. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 170-171.
41. VAN DER MERWE CG. Part II - Case 4: My apartment is my castle: leave me alone! In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 230-241.
42. VAN DER MERWE CG. Part II - Case 6: How does one deal with an obnoxious owner? In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 371-376.
43. VAN DER MERWE CG. Part II - Case 3: Who is responsible for maintenance? In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 176-181.
44. VAN DER MERWE CG. Part III - Recent developments in condominium law. In: Van Der Merwe CG (ed.) *European Condominium Law*, Cambridge University Press, Cambridge, United Kingdom, 2015: 583-609.

PUBLIC LAW

Journal articles

1. BOTHA H. Rethinking the Right to Vote. *Stellenbosch Law Review* 2015; **31**(3):485-517.
2. BRITS R. Two decades of special notarial bonds in terms. *SA Mercantile Law* 2015; **27**(2):246-274.
3. BRITS R. The statutory security right in section 118(3) of the Local Government: Municipal System Act 32 of 2000 - does it survive transfer of the land? [Discussion of *City of Tshwane Metropolitan Municipality v Mathabathe* 2013 4 SA 319 (SCA)]. *Stellenbosch Law Review* 2014; **25**:536-548.
4. BRITS R. Protection for homes during mortgage enforcement: human-rights approaches in South African and English law. *South African Law Journal* 2015; **132**(3):566-595.
5. BRITS R. The "reinstatement" of credit agreements: remarks in response to the 2014 amendment of section 129(3)-(4) of the National Credit Act. *De Jure* 2015; **48**(1):75-91.
6. BROODRYK T, BUITENDAG M. Writing-intensive Courses across the Law Curriculum: Developing Law Students' Critical Thinking and Writing Skills - A Post-Evaluation Assessment. *Obiter* 2015; **36**(3):615-630.
7. KAVURO C. Refugees and asylum seekers: Barriers to accessing South Africa's labour market. *Law, Democracy and Development* 2015; **19**:232-260.

8. KAVURO C. Refugee Rights in South Africa: Addressing social injustices in government financial assistance schemes. *Journal of Sustainable Development Law and Policy* 2015; **5**:176-197.
9. LIEBENBERG S. Toward an equality-promoting interpretation of socio-economic rights in South Africa: Insights from the egalitarian liberal tradition. *South African Law Journal* 2015; **132**(2):411-437.
10. LIEBENBERG S. Social rights and transformation in South Africa: Three frames. *South African Journal on Human Rights* 2015; **31**:446-471.
11. MOYO K, LIEBENBERG S. The privatization of water services: The quest for enhanced human rights accountability. *Human Rights Quarterly* 2015; **37**:691-727.
12. NEL M. Violent enforcement of traditional beliefs: witchcraft, vigilantism and state legitimacy. *Acta Criminologica: Southern African Journal of Criminology* 2014; **27**(2):25-42.
13. QUINOT G. Public Procurement Law. *Juta Quarterly Review* 2015; **1**:1-3.
14. QUINOT G. Innovation, state contracting and public procurement law. *Trade, Law and Development* 2015; **7**:1-12.
15. QUINOT G. Public Procurement Law. *Juta Quarterly Review* 2015; **3**:1-5.
16. QUINOT G. Public Procurement Law. *Juta Quarterly Review* 2015; **2**:1-4.
17. QUINOT G. Public Procurement Law. *Juta Quarterly Review* 2015; **4**:1-4.
18. QUINOT G, GREENBAUM L. The Contours of a Pedagogy of Law in South Africa. *Stellenbosch Law Review* 2015; **26**(1):29-62.
19. RUDMAN EA. South Africa's obligations to react to the intensified criminalisation of same-sex conduct in Nigeria and Uganda under Domestic and International Law. *South African Journal on Human Rights* 2015; **31**(2):241-268.
20. RUDMAN EA. The protection against discrimination based on sexual orientation under the African human rights system. *African Human Rights Law Journal* 2015; **15**(1):1-27.
21. SLADE BV. Constitutional Property Law. *Juta Quarterly Review* 2015; **2**:1-4.
22. SLADE BV. Constitutional Property Law. *Juta Quarterly Review* 2015; **1**:1-8.
23. SLADE BV. Constitutional Property Law. *Juta Quarterly Review* 2015; **3**:1-6.
24. VAN DER BERG S. The need for a capabilities-based standard of review for the adjudication of state resource allocation decisions. *South African Journal on Human Rights* 2015; **31**:330-356.
25. VAN DER WALT AJ. Constitutional Property Law 2012. *Annual Survey of South African Law*; **2012**:182-199.
26. VAN DER WALT AJ. Sharing servitudes. *European Property Law journal* 2015; **4**:162-222.
27. VAN DER WALT AJ, KRIEK CA. The right to a view reconsidered. *Tydskrif vir die Suid-Afrikaanse Reg* 2015; **3**:482-515.
28. VAN DER WALT AJ, SIPHUMA NS. Extending the lessor's hypothec to third parties' property. *South African Law Journal* 2015; **132**(3):518-546.
29. VAN DER WALT AJ, VILJOEN S. The Constitutional Mandate for Social Welfare – Systemic Differences and Links between Property, Land Rights and Housing Rights. *Potchefstroomse Elektroniese Regsblad/Potchefstroom Electronic Law Journal* 2015; **18**(4):1035-1090.
30. VAN SCHALKWYK C. Die basiese-struktuur-leerstuk: 'n basis vir die toepassing in Suid-Afrika, of 'n skending van die skeiding van magte? *Litnet Akademies* 2015; **12**(2):1-21.

31. WILLIAMS-ELEGBE SO. Citizens' Response to Irresponsible (or Constrained) Leadership as a Catalyst for Change: a critical assessment of leadership and followership in Nigeria. *Journal of Corporate Citizenship* 2015; **60**:27-40.
32. WILLIAMS-ELEGBE SO. An Introduction to Health Care Procurement in Nigeria and its Relationship to Development. *Unilag Journal of Humanities* 2015; **1**:1-13.
33. WILLIAMS-ELEGBE SO. A Comparative Analysis of the Nigerian Public Procurement Act against International Best Practice. *Journal of African Law* 2015; **59**(1):85-98.
34. WILLIAMS-ELEGBE SO. A Comparative Analysis of Public Procurement Reforms in Africa: Challenges and Prospects. *The Swedish Procurement Law Journal (Upphandlingsrättslig Tidskrift)* 2015; **1**:11-32.

Books

1. KEMP GP, WALKER S, PALMER R, BAQWA D, GEVERS C, LESLIE B, STEYNBERG A. *Criminal Law in South Africa* 2nd ed. Oxford University Press, Cape Town, South Africa 2015:698 pp.
2. QUINOT G. *Administrative Justice in South Africa: An Introduction*. Oxford University Press, Cape Town, South Africa 2015:352 pp.

Chapters in books

1. BOTHA H. (In)dignity remembered. In: De Ville J (ed.) *Memory and meaning: Lourens du Plessis and the haunting of justice*, Lexis Nexis, Cape Town, South Africa, 2015: 47-61.
2. LIEBENBERG S, YOUNG K. Adjudicating social and economic rights: Can democratic experimentalism help? In: Klare K, Garcia HA, Williams L (eds.) *Social and Economic Rights in Theory and Practice: Critical Inquiries*, Routledge, London, United Kingdom, 2015: 237-257.
3. SLADE BV. Less Invasive Means: The relationship between Sections 25 and 36 of the Constitution of the Republic of South Africa, 1996. In: Hoops B, Mostert H, Marais EJ, Verstappen L, Sluysmans J (eds.) *Rethinking Expropriation Law I: Public Interest in Expropriation*, Eleven International Publishing, Den Haag, Netherlands, 2015: 331-347.
4. VANDER WALT AJ. Legal research and legal education 20 years after the advent of democracy. In: De Ville J (ed.) *Memory and meaning: Lourens du Plessis and the haunting of justice*, Lexis Nexis, Cape Town, South Africa, 2015: 203-218.

FACULTY OF MILITARY SCIENCE

ACCOUNTING AND AUDITING (MIL.)

Journal articles

1. GILDENHUIS E, ROOS M. The performance audit: Are there differences in the planning approach and practice followed within the South African public sector? *Southern African Journal of Accountability and Auditing Research* 2015; **17**(1):49-60.

DEAN'S OFFICE (MILITARY SCIENCE)

Journal articles

1. ADESANYA SO, FALADE J, MAKINDE OD. Pulsating flow through vertical porous channel with viscous dissipation effect. *University Politechnica of Bucharest: Scientific Bulletin- Series D: Mechanical Engineering* 2015; **77**(1):25-36.
2. ADESANYA SO, MAKINDE OD. Effects of couple stresses on entropy generation rate in a porous channel with convective heating. *Computational & Applied Mathematics* 2015; **34**:293-307.
3. ADESANYA SO, MAKINDE OD. Thermodynamic analysis for a third grade fluid through a vertical channel with internal heat generation. *Journal of Hydrodynamics* 2015; **27**(2):264-272.
4. ADESANYA SO, MAKINDE OD. Irreversibility analysis in a couple stress film flow along an inclined heated plate with adiabatic free surface. *Physica A-Statistical Mechanics and Its Applications* 2015; **432**:222-229.
5. ADESANYA SO, OLUWADARE EO, FALADE J, MAKINDE OD. Hydromagnetic natural convection flow between vertical parallel plates with time-periodic boundary conditions. *Journal of Magnetism and Magnetic Materials* 2015; **396**:295-303.
6. AINEA N, MASSAWE ES, MAKINDE OD, NAMKINGA L. Mathematical modelling of HCV infectiology in a community with inflow of infected immigrants. *Journal of Mathematical and Computational Science* 2015; **5**(3):394-411.
7. AINEA N, MASSAWE ES, MAKINDE OD, NAMKINGA L. Mathematical Analysis of Control Strategies of HCV in a Community with Inflow of Infected Immigrants. *Advances in Infectious Diseases* 2015; **5**(1):1-13.
8. AINEA N, MASSAWE ES, MAKINDE OD, NAMKINGA L. Optimal Control Analysis of HCV Disease in a Community with Inflow of Infected Immigrants. *American Journal of Computational and Applied Mathematics* 2015; **5**(1):11-17.
9. ALI AO, MAKINDE OD. Modelling the Effect of Variable Viscosity on Unsteady Couette Flow of Nanofluids with Convective Cooling. *Journal of Applied Fluid Mechanics* 2015; **8**(4):793-802.

10. BORNAA CS, MAKINDE OD. Eco-Epidemiological model and optimal control of disease transmission between humans and animals. *Communications in Mathematical Biology and Neuroscience* 2015; **26**:1-28.
11. CHINYOKA T, MAKINDE OD. Buoyancy Effects on Unsteady MHD Flow of a Reactive Third-Grade Fluid with Asymmetric Convective Cooling. *Journal of Applied Fluid Mechanics* 2015; **8**(4):931-941.
12. CHINYOKA T, MAKINDE OD. Unsteady and porous media flow of reactive non-Newtonian fluids subjected to buoyancy and suction/injection. *International Journal of Numerical Methods for Heat & Fluid Flow* 2015; **25**(7):1682-1704.
13. DAS T, BANU AS, JANA RN, MAKINDE OD. Entropy analysis on MHD pseudo-plastic nanofluid flow through a vertical porous channel with convective heating. *Alexandria Engineering Journal* 2015; **54**(3):325-327.
14. DAS T, CHAKRABORTY S, JANA RN, MAKINDE OD. Entropy analysis of unsteady magneto-nanofluid flow past accelerating stretching sheet with convective boundary condition. *Applied Mathematics and Mechanics-English Edition* 2015; **36**(12):1593-1610.
15. DAS T, CHAKRABORTY S, MAKINDE OD. Mixed Convective Couette Flow of Reactive Nanofluids Between Concentric Vertical Cylindrical Pipes. *Journal of Nanofluids* 2015; **4**(4):485-493.
16. DAS T, JANA RN, MAKINDE OD. Mixed convective magnetohydrodynamic flow in a vertical channel filled with nanofluids. *Engineering Science and Technology, an International Journal* 2015; **18**(2):244-255.
17. DAS T, JANA RN, MAKINDE OD. Magneto-Convective Boundary Layer Slip Flow of Nanofluid past a Convectively Heated Vertical Plate. *Journal of Nanofluid* 2015; **4**(4):494-504.
18. DAS T, JANA RN, MAKINDE OD. Radiation Effect on a Fully Developed Mixed Convection in a Vertical Channel Filled with Nanofluids. *Journal of Nanofluids* 2015; **4**(2):362-368.
19. DAS T, JANA RN, MAKINDE OD. Magnetohydrodynamic mixed convective slip flow over an inclined porous plate with viscous dissipation and Joule heating. *Alexandria Engineering Journal* 2015; **54**(2):251-261.
20. DAS T, MANDAL HK, JANA RN, MAKINDE OD. Magneto-Nanofluid Flow past an Impulsively Started Porous Flat Plate in a Rotating Frame. *Journal of Nanofluids* 2015; **4**(2):167-175.
21. DEOGRATIAS G, MASSAWE ES, MAKINDE OD, MUBOFU EB. Analysis of Oxidoreductase enzyme kinetic in an amperometric biosensors. *International Journal of Modern Trends in Engineering and Research (IJMTER)* 2015; **2**(12):307-319.
22. EEGUNJOBI AS, MAKINDE OD. Second law analysis for MHD permeable channel flow with variable electrical conductivity and asymmetric Navier slips. *Open Physics* 2015; **13**:100-110.
23. EEGUNJOBI AS, MAKINDE OD, TSHEHLA MS, FRANKS O. Irreversibility analysis of unsteady Couette flow with variable viscosity. *Journal of Hydrodynamics. Journal of Hydrodynamics* 2015; **27**(2):304-310.
24. IBRAHIM W, MAKINDE OD. Double-Diffusive in Mixed Convection and MHD Stagnation Point Flow of Nanofluid over a Stretching Sheet. *Journal of Nanofluids* 2015; **4**(1):28-37.
25. KHAMIS S, MAKINDE OD, NKANSAH-GYEKYE Y. Unsteady flow of variable viscosity Cu-water and Al₂O₃-water nanofluids in a porous pipe with buoyancy

- force. *International Journal of Numerical Methods for Heat & Fluid Flow* 2015; **25**(7):1638-1657.
26. KHAMIS S, MAKINDE OD, NKANSAH-GYEKYE Y. Buoyancy – driven heat transfer of water based nanofluid in a permeable cylindrical pipe with Navier slip through a saturated porous medium. *Journal of Porous Media* 2015; **18**(12):1169-1180.
 27. KHAN WA, CULHAM JR, MAKINDE OD. Hydromagnetic Blasius flow of power-law nanofluids over a convectively heated vertical plate. *Canadian Journal of Chemical Engineering* 2015; **93**:1830-1837.
 28. KHAN WA, CULHAM JR, MAKINDE OD. Combined heat and mass transfer of third-grade nanofluids over a convectively-heated stretching permeable surface. *Canadian Journal of Chemical Engineering* 2015; **93**:1880-1888.
 29. KIMARO MA, MASSAWE ES, MAKINDE OD. Modelling the Optimal Control of Transmission Dynamics of Mycobacterium Ulceran Infection. *Open Journal of Epidemiology* 2015; **5**(04):229-243.
 30. LEBELO RS, MAKINDE OD. Modelling the impact of radiative heat loss on CO₂ emission, O₂ depletion and thermal stability in a reactive slab. *Iranian Journal of Science and Technology-Transactions of Mechanical Engineering* 2015; **39**(M2):351-365.
 31. LEBELO RS, MAKINDE OD. Numerical investigation of CO₂ emission and thermal stability of a convective and radiative stockpile of reactive material in a cylindrical pipe. *Advances in Mechanical Engineering* 2015; **7**(12):1-11.
 32. MAKINDE OD. Magneto-Nanofluid Flow past an Impulsively Started Porous Flat Plate in a Rotating Frame. *Journal of Nanofluids* 2015; **4**(2):167-175.
 33. MAKINDE OD. Thermal decomposition of unsteady non-Newtonian MHD Couette flow with variable properties. *International Journal of Numerical Methods for Heat & Fluid Flow* 2015; **25**(2):252-264.
 34. MAKINDE OD, AZIZ A. Closure to “Discussion of ‘Mixed Convection from a Convectively Heated Vertical Plate to a Fluid with Internal Heat Generation’” (2011, ASME J. Heat Transfer, 33, p.122501). *Journal of Heat Transfer-Transactions of the ASME* 2015; **137**:036001-1.
 35. MAKINDE OD, EEGUNJOBI AS, TSHEHLA MS. Thermodynamics analysis of variable viscosity hydromagnetic Couette flow in a rotating system with Hall effects. *Entropy* 2015; **17**:7811-7826.
 36. MAKINDE OD, IBRAHIM W. Closure to the discussion on “The effect of double stratification on boundary-layer flow and heat transfer of nanofluid over a vertical plate” [*Comput. Fluids* 86 (2013) 433–441] and on “Hydromagnetic bioconvection of nanofluid over a permeable vertical plate due to gyrostatic microorganisms” [*Comput. Fluids* 95 (2014) 88–97]. *Computers & Fluids* 2015; **123**:183-184.
 37. MASSAWE LN, MASSAWE ES, MAKINDE OD. On Parameter estimation and validation of Dengue epidemic in Tanzania. *International Journal of Current Research* 2015; **7**(10):21720-21724.
 38. MASSAWE LN, MASSAWE ES, MAKINDE OD. Temporal Model for Dengue Disease with Treatment. *Advances in Infectious Diseases* 2015; **5**(01):21-36.
 39. MASSAWE LN, MASSAWE ES, MAKINDE OD. Dengue in Tanzania-Vector Control and Vaccination. *American Journal of Computational and Applied Mathematics* 2015; **5**(2):42-65.

40. MBOYA K, MAKINDE OD, MASSAWE ES. Cytotoxic cells and control strategies are effective in reducing the HBV infection through a mathematical modelling. *International Journal of Prevention and Treatment* 2015; **4**(3):48-57.
41. MGONJA DS, MASSAWE ES, MAKINDE OD. Computational Modelling of Cholera Bacteriophage with Treatment. *Open Journal of Epidemiology* 2015; **5**(3):172-186.
42. MKWIZU MH, MAKINDE OD. Entropy generation in a variable viscosity channel flow of nanofluids with convective cooling. *Comptes Rendus Mecanique* 2015; **343**:38-56.
43. MKWIZU MH, MAKINDE OD, NKANSAH-GYEKYE Y. Numerical investigation into entropy generation in a transient generalized Couette flow of nanofluids with convective cooling. *Sadhana-Academy Proceedings in Engineering Sciences* 2015; **40**(7):2073-2093.
44. PRAKASH O, MAKINDE OD. MHD Oscillatory Couette Flow of Dusty Fluid in a Channel Filled with a Porous Medium with Radiative Heat and Buoyancy Force. *Latin American Applied Research* 2015; **45**(3):185-191.
45. PRAKASH O, MAKINDE OD, JAIN N, SINGH SP, KUMAR D. Effects of stenoses on non-Newtonian flow of blood in blood vessels. *International Journal of Biomathematics* 2015; **8**(1):1550010 (13 pages).
46. PRAKASH O, MAKINDE OD, KUMAR D, DWIVEDI YK. Heat transfer to MHD oscillatory dusty fluid flow in a channel filled with a porous medium. *Sadhana-Academy Proceedings in Engineering Sciences* 2015; **40**(4):1273-1282.
47. RUNDORA L, MAKINDE OD. Effects of Navier slip on unsteady flow of a reactive variable viscosity non-Newtonian fluid through a porous saturated medium with asymmetric convective boundary conditions. *Journal of Hydrodynamics* 2015; **27**(6):934-944.
48. SAGAMIKO TD, SHABAN N, NAHONYO CL, MAKINDE OD. Optimal Control of a Threatened Wildebeest-Lion Prey-Predator System in the Serengeti Ecosystem. *Open Journal of Ecology* 2015; **5**(04):110-119.
49. SARKAR BC, DAS T, JANA RN, MAKINDE OD. Magnetohydrodynamic Peristaltic Flow of Nanofluids in a Convectively Heated Vertical Asymmetric Channel in Presence of Thermal Radiation. *Journal of Nanofluids* 2015; **4**(4):461-473.
50. SEIDU B, MAKINDE OD, SEINI IY. Mathematical Analysis of the Effects of HIV-Malaria Co-infection on Workplace Productivity. *Acta Biotheoretica* 2015; **63**(2):151-182.
51. SEINI IY, MAKINDE OD. MHD Chemically Reacting Viscous Fluid Flow towards a Vertical Surface with Slip and Convective Boundary Conditions. *International Journal of Mathematical, Computational, Physical, Electrical and Computer Engineering* 2015; **9**(10):446-452.
52. SINGH G, MAKINDE OD. Mixed convection slip flow with temperature jump along a moving plate in presence of free stream. *Thermal Science* 2015; **19**(1):119-128.
53. WIAH EN, MAKINDE OD, ADETUNDE IA. A fractional-order HBV infection model with constant vaccination strategy. *Communications in Mathematical Biology and Neuroscience* 2015; **27**:1-21.
54. WIAH EN, MAKINDE OD, ADETUNDE IA. Optimal control of hepatitis b virus disease in a population with infected immigrants. *Engineering Mathematics Letters* 2015; **8**:1-16.

ECONOMICS (MIL.)

Journal articles

1. DE WET HF, MAJAM T. Income Redistribution through Government Expenditure and Taxes in South Africa. *Administratio Publica* 2015; **23**(3):26-47.

EDUCATIONAL TECHNOLOGY (EDUTECH)

Journal Articles

1. KHOZA LM, VAN ZYL G. Disparity: Threat or opportunity to distance education throughput at the South African Military Academy. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):151-173.

INDUSTRIAL PSYCHOLOGY (MIL.)

Journal articles

1. VAN DYK GAJ. Hardiness as predictor of work readiness: A preliminary exploratory study. *Journal of Psychology in Africa* 2015; **25**(1):80-82.
2. VAN'T WOUT MC, VAN DYK GAJ. Managing morale on the battlefield: A psychological perspective. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(1):127-148.

LANGUAGE (MIL)

Journal Articles

1. KHOZA LM, VAN ZYL G. Disparity: Threat or opportunity to distance education throughput at the South African Military Academy. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):151-173.
2. VAN ZYL G. The 'nervous conditions' of neo-liberated higher education students. *South African Journal of Higher Education* 2014; **28**(5):1163-1679.

MATHEMATICS (MIL.)

Journal articles

1. PRINS AL. On the Fischer-Clifford matrices of the non-split extension $2^6\text{G}_2(2)$. *Bulletin of the Iranian Mathematical Society* 2015; **41**(4):857-871.
2. PRINS AL. On the inertia groups of the maximal subgroup $2^7\text{Sp}_6(2)$ in $\text{Aut}(\text{Fi}_{22})$. *Quaestiones Mathematicae* 2015; **38**(1):83-102.

MERCANTILE LAW (MIL.) AND CRIMINAL LAW (MIL.)

Chapters in Books

1. BRITS PF, NEL M. What Piracy did for Good Order at Sea: A Perspective on Lessons Learned. In: Mandrup TM, VREY F (eds.) Towards Good Order at Sea - African Experiences, SUN MeDIA, Stellenbosch, South Africa, 2015: 51-74.

MILITARY HISTORY

Journal articles

1. VAN DER WAAG IJ. South African Defence in the Age of Total War, 1900-1940. *Historia* 2015; **60**(1):129-155.

Books

1. VAN DER WAAG IJ. A Military History of Modern South Africa. Jonathan Ball, Johannesburg and Cape Town, South Africa 2015:388 pp.

MILITARY MANAGEMENT

Journal articles

1. THELETSANE KI. Use of consultants in the public sector: A waste of in-house skills. *Journal of Public Administration* 2015; **50**(2):278-286.

Proceedings International

1. THELETSANE KI. Dynamics of leadership, issues, trends and options. ABRM 5th International Conference on Restructuring of the Global Economy (ROGE) (The Business & Management Review), Italy, ABMR 2015: 158-173.

Proceedings National

1. THELETSANE KI. Private Security Companies in South Africa: Prospects and Challenges. The 4th Annual Conference on Africa Governance: Society, Human Migration, State, Xenophobia and Business Contestation. Limpopo, SAAPAM 2015: 488-501.

MILITARY STRATEGY

Journal articles

1. ESTERHUYSE AJ. From the Editors. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(1): i - iv.
2. ESTERHUYSE AJ. The battle on the Lomba, 1987. The day a South African armoured battalion shattered Angola's last mechanised offensive: a crew commander's account. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):204-207.

3. ESTERHUYSE AJ. From the Editors. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2): i - iv.
4. ESTERHUYSE AJ, HEINECKEN LPT. The Clausewitzian trinity: Reassessing the South African military relationship with its polity and society. *Journal for Contemporary History* 2015; **40**(2):71-95.
5. JORDAAN E. Recce: Small missions behind enemy lines. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):208-215.
6. OLIVIER L, NEETHLING TG, VREY F. Theoretical approaches in International Relations: The South African military as a foreign policy instrument. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):39-64.

Chapters in Books

1. VREY F. Conclusions. In: Mandrup TM, Vrey F (eds.) *Towards good order at sea: African experiences*, Sun Press, Stellenbosch, South Africa, 2015: 265-273.
2. VREY F. Good order at sea off West Africa. In: Vrey F, Mandrup TM (eds.) *Towards good order at sea: African experiences*, Sun Press, Stellenbosch, South Africa, 2015: 183-205.
3. VREY F, MANDRUP TM. Introduction. In: Vrey F, Mandrup TM (eds.) *Towards good order at sea: African experiences*, Sun Press, Stellenbosch, South Africa, 2015: 5-18.

NAUTICAL SCIENCE

Chapters in Books

1. BLAINE MS, SINOVICH J. Ensuring the SADC Maritime Interest through Good Order at Sea. In: VREY F (ed.) *Towards Good Order at Sea - African Experiences*, SUN Media, Stellenbosch, South Africa, 2015: 207-237.

PHYSICS (MIL.)

Journal articles

1. BEZUIDENHOUT J. The investigation of radionuclides distributions in beach sand by means of GIS. *South African Journal of Geomatics* 2015; **4**:450-463.
2. BEZUIDENHOUT J. In situ gamma ray measurements of radionuclides at a disused phosphate mine on the West Coast of South Africa. *Journal of Environmental Radioactivity* 2015; **150**(1):1-8.
3. BEZUIDENHOUT J. Testing and implementation of a transportable and robust radio-element mapping system. *South African Journal of Science* 2015; **111**(9/10): Art. # 2014-0350, 7 pages.
4. BEZUIDENHOUT J, DAMES NR, BOTHA A, FRONTASYEVA MV, GORYAINOVA Z, PAVLOV DF. Trace Elements in Mediterranean Mussels *Mytilus galloprovincialis* from the South African West Coast. *Ecological Chemistry and Engineering S-Chemia I Inzynieria Ekologiczna* 2015; **22**(4):489-498.
5. PAVLOV DF, BEZUIDENHOUT J, FRONTASYEVA MV, GORYAINOVA Z. Differences in Trace Element Content between Non-Indigenous Farmed and

Invasive Bivalve Mollusks of the South African Coast. *American Journal of Analytical Chemistry* 2015; **6**:12.

Proceedings international

1. KAMANIN DV, PYATKOV YV, ALEXANDROV AA, ALEXANDROVA IA, KONDRATIEV NA, KUZNETSOVA EA, MALAZA VD, MKAZA NM, SHVETSOV VN, STREKALOVSKY AO, STREKALOVSKY OV, ZHUCHKO VE. Physical program and status of the VEGA project. 22th International Seminar on Interaction of Neutrons with Nuclei, Dubna, Russian Federation, JINR 2015: 70-76.
2. KAMANIN DV, PYATKOV YV, ALEXANDROV AA, ALEXANDROVA IA, KONDRATIEV NA, KUZNETSOVA EA, MALAZA VD, MKAZA NM, SHVETSOV VN, STREKALOVSKY AO, STREKALOVSKY OV, ZHUCHKO VE. Searching for shape isomeric states leading to ternary decay of heavy nucleus. 22th International Seminar on Interaction of Neutrons with Nuclei, Dubna, Russian Federation, JINR 2015: 77-82.
3. WYNGAARDT SM, NEWMAN RT, LINDSAY R, BUFFLER A, DE MEIJER R, MALEKA PP, BEZUIDENHOUT J, NCHODU MR, VAN ROOY MW, NDLOVU NB. Towards the South African Underground Laboratory (SAUL). In: Avignone F, Haxton W (eds.) 13th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2013) - Physics Procedia, United Kingdom, Elsevier 2015: 586-590.

POLITICAL SCIENCE (MIL)

Journal Articles

1. BREAKFAST NB, MEKOA I, MAPHAZI N. Participatory Democracy in Theory and Practice: A case study of local government in South Africa. *Africa's Public Service Delivery & Performance Review* 2015; **3**(3):31-51.
2. BREAKFAST NB, BRADSHAW G, HAINES R. The Impact of Market-Friendly Policies in the Eastern Cape Municipalities. *Africa Insight* 2014; **44**(3):48-63.
3. BREAKFAST NB, BRADSHAW G, HAINES R. Teaching the philosophy of science to Public Administration Students in South African Universities. *Administratio Publica* 2015; **23**(1):212-231.
4. BREAKFAST NB, OKAFOR C, BRADSHAW G. Market Triumphalism at the Buffalo City and Nelson Mandela Metropolitan Municipalities, South Africa. *Africa's Public Service Delivery & Performance Review* 2014; **2**(4):22-45.

PUBLIC AND DEVELOPMENT MANAGEMENT (MIL)

Journal Articles

1. ERASMUS WD. Public administrators and maladministration: A negation of just administrative action. *Administratio Publica* 2015; **23**(1):102-120.

CENTRE FOR MILITARY STUDIES

Journal articles

1. BEUKES TJN. Two Perspectives on the recent War in Iraq. *Scientia Militaria: South African Journal of Military Studies* 2015; **43**(2):187-198.
2. LIEBENBERG JCR. Penetrating global consciousness: Art, killing as art, art as subversion, peace and the inversion of speed and power. *Cogent Arts & Humanities* 2015; **1015334**:2-22.
3. LIEBENBERG JCR. An integral part of Pretoria: The story of the South African Air Force (SAAF), 1920-2014. *Yearbook - Africana Society of Pretoria. Jaarboek - Africana Vereniging van Pretoria*. 2014; **31**:1-18.
4. MKHIZE MC. Is South Africa's 20 years of democracy in crisis? Examining the impact of unrest incidents in local protests in the post-apartheid South Africa. *African Security Review* 2015; **24**(2):190-206.
5. RAMOKGADI SB. Indigenous Green Vegetables and African Livelihood Practices: Exploring Traditional Knowledge in Indigenous Green Vegetables. *The International Journal of Health, Wellness and Society* 2015; **4**(3-4):47-57.

Chapters in books

1. LIEBENBERG JCR. On our Borders: Namibia seeks its own Destiny. In: Liebenberg JCR, Risquet J, Shubin V (eds.) *A Far-Away War: Angola, 1975-1989*, Sun Media, Stellenbosch, South Africa, 2015: 17-34.
2. LIEBENBERG JCR. Beware, the Reds are upon us: Another View on the Relations between South Africans and Russians. In: Liebenberg JCR, Risquet J, Shubin V (eds.) *A Far-Away War: Angola, 1975-1989*, Sun Media, Stellenbosch, South Africa, 2015: 69-82.
3. LIEBENBERG JCR. The Militarisation of South African Society, 1972-1988. In: Liebenberg JCR, Risquet J, Shubin V (eds.) *A Far-Away War: Angola, 1975-1989*, Sun Media, Stellenbosch, South Africa, 2015: 41-56.
4. MKHIZE MC. Peacebuilding in the Democratic Republic of Congo. In: Lahai JI, Lyons T (eds.) *African Frontiers: Insurgency, Governance and Peacebuilding in Postcolonial States*, Ashgate Publishing, Farnham, United Kingdom, 2015: 167-178.
5. RAMOKGADI SB. International Migration and Power Relationships: Exploring Requirements for Successful Regulatory Framework. In: Ushakov D (ed.) *Urbanization and Migration as Factors Affecting Global Economic Development*, Information Science Reference, Hershey, USA, 2015: 80-93.
6. VAN DER WESTHUIZEN G, LIEBENBERG JCR, DU PLESSIS T. National Service and Resistance to Conscription in South Africa, 1968-1989. In: Liebenberg JCR, Risquet J, Shubin V (eds.) *A Far-Away War: Angola, 1975-1989*, Sun Media, Stellenbosch, South Africa, 2015: 111-134.

FACULTY OF SCIENCE

APPLIED MATHEMATICS

Journal articles

1. BRINK J, GEYER M, HINDERER T. Orbital Resonances around Black Holes. *Physical Review Letters* 2015; **114**:081102-5.
2. BRINK J, GEYER M, HINDERER T. Astrophysics of resonant orbits in the Kerr metric. *Physical Review D* 2015; **91**:083001-25.
3. CLOETE M, SMIT GJ, MARITZ MF. External boundary effects on the velocity profile for generalized Newtonian fluid flow inside a homogeneous porous medium. *Journal of Non-Newtonian Fluid Mechanics* 2015; **215**:40-52.
4. DINGFELDER B, WEIDEMAN JAC. An improved Talbot method for numerical Laplace transform inversion. *Numerical Algorithms* 2015; **68**:167-183.
5. FORNBERG B, WEIDEMAN JAC. A computational overview of the solution space of the imaginary Painlevé II equation. *Physica D-Nonlinear Phenomena* 2015; **309**:108-118.
6. GROBLER PJP. A structure preserving generalization of independence, domination and irredundance. *Quaestiones Mathematicae* 2015; **38**(4):541-551.
7. HALE NP, WEIDEMAN JAC. Contour integral solution of elliptic PDEs in cylindrical domains. *SIAM Journal on Scientific Computing* 2015; **37**(6):2630-2655.
8. ROUX A, VAN VUUREN JH. A linear algorithm for (r, s)-domination of a tree. *Utilitas Mathematica* 2015; **96**:209-216.

Proceedings international

1. FIDDER H, ELS-BOTES A, FIDDER-WOUDBERG S, MCGRATH PJ, OCELIK V, DE HOSSON J TH M. A study of microstructural fatigue and residual stress evolution in titanium plates deformed by mechanical and laser bending. In: de Hosson J Th M, Hadfield M, Brebbia CA (eds.) *WIT Transactions on Engineering Sciences, Volume 91 (Surface Effects and Contact Mechanics including Tribology xii)*, Valencia, Spain, WIT Press 2015: 23-34.
2. HERBST BM, NIEDDU G, TRUBATCH AD. Recurrence in the Korteweg-de Vries equation? In: Curtis CW, Dzhamay A, Hereman W, Prinari B (eds.) *Nonlinear Wave Equations: Analytic and Computational Techniques. AMS Special Session Nonlinear Waves on and Integrable Systems*, Boulder, Colorado, USA, AMS 2015: 1-12.

BIOCHEMISTRY

Journal articles

1. ABRIE JA, MOLERO C, ARIÑO J, STRAUSS E. Complex stability and dynamic subunit interchange modulates the disparate activities of the yeast moonlighting proteins Hal3 and Vhs3. *Scientific Reports* 2015; **5**:15774, 17 pages.

2. BIGGS R, RHODE C, ARCHIBALD S, KUNENE LM, MUTANGA SS, NKUNA N, OCHOLLA PO, PHADIMA LJ. Strategies for managing complex social-ecological systems in the face of uncertainty: examples from South Africa and beyond. *Ecology and Society* 2015; **20**(1):52, 15 pages.
3. BLOEM LM, STORBECK K, SWART P, DU TOIT T, SCHLOMS L, SWART AC. Advances in the analytical methodologies: Profiling steroids in familiar pathways-challenging dogmas. *Journal of Steroid Biochemistry and Molecular Biology* 2015; **153**:80-92.
4. CHRISTENSEN C, HOFMEYR JS, ROHWER JM. Tracing regulatory routes in metabolism using generalised supply-demand analysis. *BMC Systems Biology* 2015; **9**:89, 18 pages.
5. DE VILLIERS M, STRAUSS E. Jump-starting CoA biosynthesis. *Nature Chemical Biology* 2015; **11**:757-758.
6. FISCHER J, GARDNER TA, BENNETT EM, BALVANERA P, BIGGS R, CARPENTER S, DAW TM, FOLKE C, HILL R, HUGHES TP, LUTHE T, SPIERENBURG MJ, ET AL. Advancing sustainability through mainstreaming a social-ecological systems perspective. *Current Opinion in Environmental Sustainability* 2015; **14**:144-149.
7. GABRIELLI M, BUICA AS, FRACASSETTI D, STANDER MA, TIRELLI A, DU TOIT WJ. Determination of sotolon content in South African white wines by two novel HPLC–UV and UPLC–MS methods. *Food Chemistry* 2015; **169**:180-186.
8. HAMANN M, BIGGS R, REYERS B. Mapping social–ecological systems: Identifying ‘green-loop’ and ‘red-loop’ dynamics based on characteristic bundles of ecosystem service use. *Global Environmental Change-Human and Policy Dimensions* 2015; **34**:218-226.
9. HOMER-DIXON T, WALKER B, BIGGS R, CRÉPIN A-S, FOLKE C, LAMBIN EF, PETERSON G, ROCKSTRÖM J, SCHEFFER M, STEFFEN W, TROELL M. Synchronous failure: the emerging causal architecture of global crisis. *Ecology and Society* 2015; **20**(3):6, 16 pages.
10. HOUGH D, STORBECK K, CLOETE SWPVDM, SWART AC, SWART P. Relative contribution of P450c17 towards the acute cortisol response: Lessons from sheep and goats. *Molecular and Cellular Endocrinology* 2015; **408**:107-113.
11. KINFE HH, LONG HS, STANDER MA, VAN WYK B-E. The major phenolic compound of the roots and leaves of *Rafnia amplexicaulis* (Fabaceae), a liquorice substitute and traditional tea used in Cape Herbal Medicine. *South African Journal of Botany* 2015; **100**:75-79.
12. LESOVAYA E, YEMELYANOV A, SWART AC, SWART P, HAEGEMAN G, BUDUNOVA I. Discovery of Compound A – a selective activator of the glucocorticoid receptor with anti-inflammatory and anti-cancer activity. *Oncotarget* 2015; **6**(31):30730-30744.
13. MACUAMULE CJ, TJHIN ET, JANA CE, BARNARD L, KOEKEMOER L, DE VILLIERS M, SALIBA KJ, STRAUSS E. A Pantetheinase-Resistant Pantothenamide with Potent, On-Target, and Selective Antiplasmodial Activity. *Antimicrobial Agents and Chemotherapy* 2015; **59**(6):3666-3668.
14. MAREE H, PIRIE MD, OOSTHUIZEN K, BESTER R, REES DJG, BURGER JT. Phylogenomic Analysis Reveals Deep Divergence and Recombination in an Economically Important Grapevine Virus. *PLoS ONE* 2015; **10**(5): e0126819, 18 pages.
15. MASHAMAITE LN, ROHWER JM, PILLAY CS. The glutaredoxin mono- and dithiol mechanisms for deglutathionylation are functionally equivalent:

- implications for redox systems biology. *Bioscience Reports* 2015; **35**: e00173, 10 pages.
16. MORTIMER M, VISSER JAK, DE BEER D, JOUBERT E, LOUW A. Divide and conquer may not be the optimal approach to retain the desirable estrogenic attributes of the *Cyclopia* nutraceutical extract, SM6Met. *PLoS ONE* 2015; **10**(7): e0132950, 22 pages.
 17. MUGABO P, ABANIWONDA MI, THERON D, VAN ZYL L, HASSAN SM, STANDER MA, MCILLERON H, MADSEN R. Determination of Kanamycin Plasma Levels Using LC-MS and Its Pharmacokinetics in Patients with Multidrug- Resistant Tuberculosis with and without HIV-Infection. *Biochemistry & Pharmacology* 2015; **4**(1):1000160, 7 pages.
 18. MUGRABI DE KUPPLER AL, FAGÚNDEZ J, BELLSTEDT DU, OLIVER EGH, LÉON J, PIRIE MD. Testing reticulate versus coalescent origins of *Erica lusitanica* using a species phylogeny of the northern heathers (Ericaceae, Ericaceae). *Molecular Phylogenetics and Evolution* 2015; **88**:121-131.
 19. MURABITO E, COLOMBO R, WU C, VERMA M, REHMAN S, SNOEP JL, PENG S-L, GUAN N, LIAO X, WESTERHOFF HV. *SupraBiology 2014: Promoting UK-China collaboration on Systems Biology and High Performance Computing. Quantitative Biology* 2015; **3**(1):46-53.
 20. NISHII K, HUGHES M, BRIGGS M, HASTON E, CHRISTIE F, DE VILLIERS MJ, HANEKOM T, ROOS WG, BELLSTEDT DU, MÖLLER M. *Streptocarpus* redefined to include all Afro-Malagasy Gesneriaceae: Molecular phylogenies prove congruent with geographical distribution and basic chromosome numbers and uncover remarkable morphological homoplasies. *Taxon* 2015; **64**(6):1243-1274.
 21. PALMER CG, BIGGS R, CUMMING GS. Applied research for enhancing human well-being and environmental stewardship: using complexity thinking in Southern Africa. *Ecology and Society* 2015; **20**(1):53, 4 pages.
 22. PENKLER GP, DU TOIT F, ADAMS WW, RAUTENBACH M, PALM DC, VAN NIEKERK DD, SNOEP JL. Construction and validation of a detailed kinetic model of glycolysis in *Plasmodium falciparum*. *FEBS Journal* 2015; **282**:1481-1511.
 23. PIANO F, FRACASSETTI D, BUICA AS, STANDER MA, DU TOIT WJ, BORSA D, TIRELLI A. Development of a novel liquid/liquid extraction and ultra-performance liquid chromatography tandem mass spectrometry method for the assessment of thiols in South African Sauvignon Blanc wines. *Australian Journal of Grape and Wine Research* 2015; **21**:40-48.
 24. PIRIE MD. Phylogenies from concatenated data: Is the end nigh? *Taxon* 2015; **64**(3):421-423.
 25. PIRIE MD, LITSIOS G, BELLSTEDT DU, SALAMIN N, KISSLING J. Back to Gondwanaland: can ancient vicariance explain (some) Indian Ocean disjunct plant distributions? *Biology Letters* 2015; **11**:20150086, 4 pages.
 26. RIEDEL S, ABEL S, SWANEVELDER S, GELDERBLUM WCA. Induction of an altered lipid phenotype by two cancer promoting treatments in rat liver. *Food and Chemical Toxicology* 2015; **78**:96-104.
 27. ROCHA J, PETERSON G, BIGGS R. Regime Shifts in the Anthropocene: Drivers, Risks, and Resilience. *PLoS ONE* 2015; **10**(8): e0134639, 16 pages.
 28. ROCHA J, YLETYINEN J, BIGGS R, BLENNCKNER T, PETERSON G. Marine Regime Shifts: Drivers and Impacts on Ecosystems Services. *Philosophical Transactions of the Royal Society B-Biological Sciences* 2015; **370**:20130273, 12 pages.

29. SELOMANE AO, REYERS B, BIGGS R, TALLIS H, POLASKY S. Towards integrated social–ecological sustainability indicators: Exploring the contribution and gaps in existing global data. *Ecological Economics* 2015; **118**:140-146.
30. SNOEP JL, GREEN KA, EICHER JJ, PALM DC, PENKLER GP, DU TOIT F, WALTERS N, BURGER R, WESTERHOFF HV, VAN NIEKERK DD. Quantitative analysis of drug effects at the whole-body level: a case study for glucose metabolism in malaria patients. *Biochemical Society Transactions* 2015; **43**:1157-1163.
31. SPRY C, SALIBA KJ, STRAUSS E. A miniaturized assay for measuring small molecule phosphorylation in the presence of complex matrices. *Analytical Biochemistry* 2014; **451**:76-78.
32. STANFORD NJ, WOLSTENCROFT K, GOLEBIEWSKI M, KANIA R, JUTY N, TOMLINSON C, OWEN S, BUTCHER S, HERMJAKOB H, LE NOVÈRE N, MUELLER W, SNOEP JL, GOBLE C. The evolution of standards and data management practices in systems biology. *Molecular Systems Biology* 2015; **11**:851, 4 pages.
33. STEFFEN W, RICHARDSON K, ROCKSTRÖM J, CORNELL SE, FETZER I, BENNETT EM, BIGGS R, CARPENTER S, DE VRIES W, DE WIT CA, FOLKE C, GERTEN D, HEINKE J, MACE GM, PERSSON LM, RAMANATHAN V, REYERS B, SÖRLIN S. Planetary boundaries: Guiding human development on a changing planet. *Science* 2015; **347**(6223):1259855, 10 pages.
34. STORBECK K, SWART AC, FOX C, SWART P. Cytochrome b5 modulates multiple reactions in steroidogenesis by diverse mechanisms. *Journal of Steroid Biochemistry and Molecular Biology* 2015; **151**:66-73.
35. SWART AC, STORBECK K. 11 β -hydroxyandrostenedione: Downstream metabolism by 11 β HSD, 17 β HSD and SRD5A produces novel substrates in familiar pathways. *Molecular and Cellular Endocrinology* 2015; **408**:114-123.
36. THOMPSON GD, BELLSTEDT DU, RICHARDSON DM, WILSON JR, LE ROUX JJ. A tree well travelled: global genetic structure of the invasive tree *Acacia saligna*. *Journal of Biogeography* 2015; **42**:305-314.
37. VAN DER MERWE JD, DE BEER D, JOUBERT E, GELDERBLOM WCA. Short-term and sub-chronic dietary exposure to aspalathin-enriched green rooibos (*Aspalathus linearis*) extract affects rat liver function and antioxidant status. *Molecules* 2015; **20**:22674-22690.
38. WILLEMSE CM, STANDER MA, VESTNER J, TREDOUX AGJ, DE VILLIERS AJ. Comprehensive two-dimensional hydrophilic interaction chromatography (HILIC) X reversed-phase liquid chromatography coupled to high-resolution mass spectrometry (RP-LC-UV-MS) analysis of anthocyanins and derived pigments in red wine. *Analytical Chemistry* 2015; **87**:12006-12015.
39. WIUM M, BOTES A, BELLSTEDT DU. The identification of oppA gene homologues as part of the oligopeptide transport system in mycoplasmas. *Gene* 2015; **558**:31-40.
40. WOLSTENCROFT K, OWEN S, KREBS O, NGUYEN Q, STANFORD NJ, GOLEBIEWSKI M, WEIDEMANN A, BITTKOWSKI M, AN L, SHOCKLEY D, SNOEP JL, MEULLER W, GOBLE C. SEEK: a systems biology data and model management platform. *BMC Systems Biology* 2015; **9**:33, 12 pages.

Chapters in books

1. BIGGS R, GORDON L, RAUDSEPP-HEARNE C, SCHLÜTER M, WALKER B. Principle 3 – Manage slow variables and feedbacks. In: Biggs R, Schlüter M, Schoon ML (eds.) *Principles for Building Resilience: Sustaining Ecosystem Services in Social–Ecological Systems*, Cambridge University Press, Cambridge, United Kingdom, 2015: 105-141.
2. BIGGS R, SCHLÜTER M, SCHOON ML. An introduction to the resilience approach and principles to sustain ecosystem services in social–ecological systems. In: Biggs R, Schlüter M, Schoon ML (eds.) *Principles for Building Resilience: Sustaining Ecosystem Services in Social–Ecological Systems*, Cambridge University Press, Cambridge, United Kingdom, 2015: 1-31.
3. KOTSCHY K, BIGGS R, DAW TM, FOLKE C, WEST PC. Principle 1 – Maintain diversity and redundancy. In: Biggs R, Schlüter M, Schoon ML (eds.) *Principles for Building Resilience: Sustaining Ecosystem Services in Social–Ecological Systems*, Cambridge University Press, Cambridge, United Kingdom, 2015: 50-79.
4. SCHLÜTER M, BIGGS R, SCHOON ML, ROBARDS MD, ANDERIES JM. Reflections on building resilience – interactions among principles and implications for governance. In: Biggs R, Schlüter M, Schoon ML (eds.) *Principles for Building Resilience: Sustaining Ecosystem Services in Social–Ecological Systems*, Cambridge University Press, Cambridge, United Kingdom, 2015: 251-282.
5. SCHOON ML, ROBARDS MD, BROWN K, ENGLE N, MEEK C, BIGGS R. Politics and the resilience of ecosystem services. In: Biggs R, Schlüter M, Schoon ML (eds.) *Principles for Building Resilience: Sustaining Ecosystem Services in Social–Ecological Systems*, Cambridge University Press, Cambridge, United Kingdom, 2015: 32-49.
6. VISSER JC, BELLSTEDT DU. Potato Virus Y in South Africa: Isolate Characterization and Assessment of Potato Cultivar Resistance. In: Low J, Nyongesa M, Quinn S, Parker M (eds.) *Potato and Sweetpotato in Africa: Transforming the Value Chains for Food and Nutrition Security*, CABI, OXFORDSHIRE, United Kingdom, 2015: 279-288.

BOTANY AND ZOOLOGY

Journal articles

1. IACARELLA JC, DICK JT, ALEXANDER ME, RICCIARDI A. Ecological impacts of invasive alien species along temperature gradients: testing the role of environmental matching. *Ecological Applications* 2015; **25**(3):706–716.
2. POTTS AJ, MONCRIEFF GR, BOND WJ, COWLING RM. An operational framework for biome boundary research with examples from South Africa. *South African Journal of Botany* 2015; **101**:5-15.
3. SCHÜCKEL U, KRÖNCKE I, BAIRD D. Linking long-term changes in trophic structure and function of an intertidal macrobenthic system to eutrophication and climate change using ecological network analysis. *Marine Ecology Progress Series* 2015; **536**:25-38.
4. VILÀ M, ROHR RP, ESPINAR JL, HULME PE, PERGL J, LE ROUX JJ, SCHAFFNER U, PYSEK P. Explaining the variation in impacts of non-native

- plants on local-scale species richness: The role of phylogenetic relatedness. *Global Ecology and Biogeography* 2015; **24**:139-146.
5. ALBERTUS RMC, REINECKE AJ. Biodegradering van sintetiese gas-tot-vloeistof-diesel, biodiesel en hul mengsels. *South African Journal for Science and Technology / Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2015; **34**(1): Art. #1302, 6 pages.
 6. ALEXANDER ME, ADAMS R, DICK JT, ROBINSON T. Forecasting invasions: resource use by mussels informs invasion patterns along the South African coast. *Marine Biology* 2015; **162**:2493–2500.
 7. ALEXANDER ME, DICK JT, O’CONNOR NE. Predation in the marine intertidal amphipod *Echinogammarus marinus* Leach: Implications of inter- and intra-individual variation. *Journal of Experimental Marine Biology and Ecology* 2015; **462**:50–54.
 8. ALEXANDER ME, KAISER H, WEYL OLF, DICK JT. Habitat simplification increases the impact of a freshwater invasive fish. *Environmental Biology of Fishes* 2015; **98**:477-486.
 9. ALEXANDER ME, RAVEN HJ, ROBINSON T. Foraging decisions of a native whelk, *Trochia cingulate* Linnaeus, and the effects of invasive mussels on prey choice. *Journal of Experimental Marine Biology and Ecology* 2015; **470**:26-33.
 10. ALLARDICE RP, KAPP C, BOTHA A, VALENTINE AJ. Optimizing Vermicompost Concentrations for the N Nutrition and Production of the Legume *Lupinus angustifolius*. *Compost Science & Utilization* 2015; **23**(4):217-236.
 11. ALTWEGG R, DE KLERK HM, MIDGLEY GF. Fire-mediated disruptive selection can explain the reseeder-resprouter dichotomy in Mediterranean-type vegetation. *Oecologia* 2015; **177**(2):367-377.
 12. ANDERSON WR, CRUZ MG, FERNANDES PM, MCCAWE L, VEGA JA, BRADSTOCK RA, FOGARTY L, GOULD J, MCCARTHY G, MARSDEN-SMEDLEY JB, MATTHEW S, MATTINGLEY G, PEARCE HG, VAN WILGEN BW. A generic, empirical-based model for predicting rate of fire spread in shrublands. *International Journal of Wildland Fire* 2015; **24**(4):443–460.
 13. AYLWARD J, DREYER LL, STEENKAMP ET, WINGFIELD MJ, ROETS F. Long-distance dispersal and recolonization of a fire-destroyed niche by a mite-associated fungus. *Fungal Biology* 2015; **119**:245-256.
 14. AYLWARD J, DREYER LL, STEENKAMP ET, WINGFIELD MJ, ROETS F. *Knoxdaviesia proteae* is not the only *Knoxdaviesia*-symbiont of *Protea repens*. *IMA Fungus* 2015; **6**(2):471–476.
 15. BAECKENS S, EDWARDS S, HUYGHE K, VAN DAMME R. Chemical signalling in lizards: an interspecific comparison of femoral pore numbers in Lacertidae. *Biological Journal of the Linnean Society* 2015; **114**:44-57.
 16. BASSON CH, CLUSELLA-TRULLAS S. The Behavior-Physiology Nexus: Behavioral and Physiological Compensation Are Relied on to Different Extents Between Seasons. *Physiological and Biochemical Zoology* 2015; **88**(4):384-394.
 17. BELTRÀ A, ADDISON P, ÁVALOS JA, CROCHARD D, GARCIA-MARÍ F, GUERRIERE E, GILIOME E, MALAUSA T, NAVARRO-CAMPOS C, PALERO F, SOTO A. Guiding Classical Biological Control of an Invasive Mealybug Using Integrative Taxonom. *PLoS ONE* 2015; **10**(6): e0128685, 14 pages.
 18. BLANCHARD R, O’FARRELL PJ, RICHARDSON DM. Anticipating potential biodiversity conflicts for future biofuel crops in South Africa: incorporating spatial filters with species distribution models. *Global Change Biology Bioenergy* 2015; **7**:273-287.

19. BONATO M, CHERRY MI, CLOETE SWPVDM. Mate choice, maternal investment and implications for ostrich welfare in a farming environment. *Applied Animal Behaviour Science* 2015; **171**:1–7.
20. BROECKHOVEN C, DIEDERICKS G, MOUTON PLN. What doesn't kill you might make you stronger: functional basis for variation in body armour. *Journal of Animal Ecology* 2015; **84**:1213-1221.
21. BROECKHOVEN C, MOUTON PLN. Hit or miss: Functional mechanisms underlying prey capture efficiency in three cordylid lizards. *Journal of Arid Environments* 2015; **120**:72-74.
22. BROECKHOVEN C, MOUTON PLN. Some like it hot: Camera traps unravel the effects of weather conditions and predator presence on the activity levels of two lizards. *PLoS ONE* 2015; **10**(9): e0137428, 15 pages.
23. CERNOHORSKA H, KUBICKOVA S, KOPECNA O, VOZDOVA M, MATTHEE CA, ROBINSON TJ, RUBES J. Nanger, Eudorcas, Gazella, and Antelope form a well-supported chromosomal clade within Antilopini (Bovidae, Cetartiodactyla). *Chromosoma* 2015; **124**:235-247.
24. CHARLES-DOMINIQUE T, MIDGLEY GF, BOND WJ. An index for assessing effectiveness of plant structural defences against mammal browsing. *Plant Ecology* 2015; **216**:1433–1440.
25. CHARLES-DOMINIQUE T, BECKETT H, MIDGLEY GF, BOND WJ. Bud protection: A key trait for species sorting in a forest-savanna mosaic. *New Phytologist* 2015; **207**:1052-1060.
26. CHARLES-DOMINIQUE T, STAVER AC, MIDGLEY GF, BOND WJ. Functional differentiation of biomes in an African savanna/forest mosaic. *South African Journal of Botany* 2015; **101**:82–90.
27. CHERRY MI. The cradle of humankind revisited. *Human Evolution* 2015; **523**(7558):33-33.
28. COLLING J, TOHGE T, DE CLERCQ R, BRUNOUD G, VERNOUX T, FERNIE AR, MAKUNGA NP, GOOSSENS A, PAUWELS L. Overexpression of the *Arabidopsis thaliana* signalling peptide TAXIMIN1 affects lateral organ development. *Journal of Experimental Botany* 2015; **66**(17):5337–5349.
29. CONLON JM, MECHKARSKA M, COQUET L, LEPRINCE J, JOUENNE T, VAUDRY H, MEASEY GJ. Evidence from peptidomic analysis of skin secretions that allopatric populations of *Xenopus gilli* (Anura: Pipidae) constitute distinct lineages. *Peptides* 2015; **63**:118–125.
30. CRESSEY ER, MEASEY GJ, TOLLEY KA. Fading out of view: The enigmatic decline of Rose's mountain toad *Capensibufo rosei*. *Oryx* 2015; **49**(3):521-528.
31. DANIELS SR, PHIRI EE, KLAUS S, ALBRECHT C, CUMBERLIDGE N. Multilocus Phylogeny of the Afrotropical Freshwater Crab Fauna Reveals Historical Drainage Connectivity and Transoceanic Dispersal Since the Eocene. *Systematic Biology* 2015; **64**:549-567.
32. DANIELS CW, RAUTENBACH F, MARNEWICK J, VALENTINE AJ, BABAJIDE JO, MABUSELA WT. Environmental stress effect on the phytochemistry and antioxidant activity of a South African bulbous geophyte, *Gethyllis multifolia* L. Bolus. *South African Journal of Botany* 2015; **96**:29-36.
33. DAVID A, SIMON CA. The effect of temperature on larval development of two non-indigenous poecilogonous polychaetes (Annelida: Spionidae) with implications for life history theory, establishment and range expansion. *Journal of Experimental Marine Biology and Ecology* 2015; **461**:20-30.

34. DAVIES S, MCGEOCH MA, CLUSELLA-TRULLAS S. Plasticity of thermal tolerance and metabolism but not water loss in an invasive reed frog. *Comparative Biochemistry and Physiology A-Molecular & Integrative Physiology* 2015; **189**:11–20.
35. DE VILLIERS AJ, MOUTON PLN, FLEMMING AF. Generation glands of cordylid lizards: mechanism of secretion transfer to the environment. *Amphibia-Reptilia* 2015; **36**:351-360.
36. DE WAAL C, ANDERSON BC, ELLIS AG. Relative density and dispersion pattern of two southern African Asteraceae affect fecundity through heterospecific interference and mate availability, not pollinator visitation rate. *Journal of Ecology* 2015; **103**:513–525.
37. DOLLION AY, CORNETTE R, TOLLEY KA, BOISTEL R, EURIAT A, BOLLER E, FERNANDEZ V, STYNDER D, HERREL A. Morphometric analysis of chameleon fossil fragments from the Early Pliocene of South Africa: a new piece of the chamaeleonid history. *Science of Nature* 2015; **102**:1-14.
38. DRISCOLL DA, CATFORD JA, BARNEY JN, HULME PE, INDERJIT INDERJIT, MARTIN TG, PAUCHARD A, PYSEK P, RICHARDSON DM, RILEY S, VISSER V. Reply to Proença et al.: Sown biodiverse pastures are not a universal solution to invasion risk. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(14): E1696.
39. ESLER KJ, VON STADEN L, MIDGLEY GF. Determinants of the Fynbos/Succulent Karoo biome boundary: Insights from a reciprocal transplant experiment. *South African Journal of Botany* 2015; **101**:120-128.
40. ESSL F, BACHER S, BLACKBURN T, BOOY O, BRUNDU G, BRUNEL S, CARDOSO AC, ESCHEN R, GALLARDO B, GALIL B, GARCÍA-BERTHOUE E, GENOVESI P, GROOM Q, HARROWER C, HULME PE, KATSANEVAKIS S, KENIS M, KÜHN I, KUMSCHICK S, MARTINOU AF, NENTWIG W, OFLYNN C, PA. Crossing Frontiers in Tackling Pathways of Biological Invasions. *Bioscience* 2015; **65**: 769–782.
41. ESSL F, DULLINGER S, RABITSCH W, HULME PE, PYŠEK P, WILSON JR, RICHARDSON DM. Delayed biodiversity change: no time to waste. *Trends in Ecology & Evolution* 2015; **30**(7):375–378.
42. ESSL F, DULLINGER S, RABITSCH W, HULME PE, PYŠEK P, WILSON JR, RICHARDSON DM. Historical legacies accumulate to shape future biodiversity in an era of rapid global change. *Diversity and Distributions* 2015; **21**:534-547.
43. FARRÉ M, ROBINSON TJ, RUIZ-HERRERA A. An Integrative Breakage Model of genome architecture, reshuffling and evolution: The Integrative Breakage Model of genome evolution, a novel multidisciplinary hypothesis for the study of genome plasticity. *Bioessays* 2015; **37**(5):479-488.
44. FAULKNER KT, SPEAR D, ROBERTSON MP, ROUGET M, WILSON JR. An assessment of the information content of South African alien species databases. *Bothalia* 2015; **45**(1): Art. #1103, 11 pages.
45. GILDENHUYS E, ELLIS AG, CARROLL SP, LE ROUX JJ. From the Neotropics to the Namib: evidence for rapid ecological divergence following extreme long-distance dispersal. *Botanical Journal of the Linnean Society* 2015; **179**:477-486.
46. GILDENHUYS E, ELLIS AG, CARROLL SP, LE ROUX JJ. Combining natal range distributions and phylogeny to resolve biogeographic uncertainties in balloon vines (*Cardiospermum*, Sapindaceae). *Diversity and Distributions* 2015; **21**:163-174.

47. GILIOMEE JH, EDGE DA. The ants and scale insects on which the critically endangered butterfly *Chrysoritis dicksoni* (Gabriel) (Lepidoptera: Lycaenidae: Aphnaeinae) depends for its survival. *Metamorphosis* 2015; **26**:38-43.
48. GILIOMEE JH. Dopluise (Hemiptera: Coccoidea) geassosieer met die wipstertmier, *Crematogaster peringueyi* Emery (Hymenoptera: Formicidae). *South African Journal for Science and Technology / Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2015; **34**(1): Art. #1286, 4 pages.
49. GONZÁLES-MORENO P, DIEZ J, RICHARDSON DM, VILÀ M. Beyond climate: disturbance niche shifts in invasive species. *Global Ecology and Biogeography* 2015; **24**:360-370.
50. GUO D, MIDGLEY GF, AYUK J, MUSIL CF. Hydrological Niche of Restionaceae Species in Silvermine South Africa. *Journal of Water Resource and Hydraulic Engineering* 2015; **4**(3):286-292.
51. HAWKINS CL, BACHER S, ESSL F, HULME PE, JESCHKE JM, KÜHN I, KUMSCHICK S, NENTWIG W, PERGL J, PYŠEK P, RABITSCH W, RICHARDSON DM, VILÀ M, WILSON JR, GENOVESI P, BLACKBURN TM. Framework and guidelines for implementing the proposed IUCN Environmental Impact Classification for Alien Taxa (EICAT). *Diversity and Distributions* 2015; **21**:1360-1363.
52. HEJDA M, CHYTRY M, PERGL J, PYCEK M. Native-range habitats of invasive plants: Are they similar to invaded-range habitats and do they differ according to the geographical direction of invasion? *Diversity and Distributions* 2015; **21**: 312–321.
53. HIGHAM TE, MEASEY GJ, BIRN-JEFFERY AV, HERREL A, TOLLEY KA. Functional divergence between morphs of a dwarf chameleon: Differential locomotor kinematics in relation to habitat structure. *Biological Journal of the Linnean Society* 2015; **116**:27-40.
54. HILL M, MALAN AP, TERBLANCHE JS. Divergent thermal specialisation of two South African entomopathogenic nematodes. *PeerJ* 2015; **3**: e1023, 16 pages.
55. HIRSCH H, WAGNER V, DANIHELKA J, RUPRECHT E, SÁNCHEZ-GÓMEZ P, SEIFERT M, HENSEN I. High genetic diversity declines towards the geographic range periphery of *Adonis vernalis*, a Eurasian dry grassland plant. *Plant Biology* 2015; **17**:1233-1241.
56. HJARDING A, TOLLEY KA, BURGESS ND. Red List assessments of East African chameleons: a case study of why we need experts. *Oryx* 2015; **49**(4):652-658.
57. HOFFMANN V, VERBOOM GA, COTTERILL FPD. Dated Plant Phylogenies Resolve Neogene Climate and Landscape Evolution in the Cape Floristic Region. *PLoS ONE* 2015; **10**(9): e0137847, 25 pages.
58. HULME PE, PAUCHARD A, PYŠEK P, VILÀ M, ALBA C, BLACKBURN TM, BULLOCK JM, CHYTRÝ M, DAWSON W, DUNN A, ESSL F, GENOVESI P, MASKELL LC, MEYERSON LA, NUÑEZ MA, PERGL J, PESCOTT MJO, POCOCK MJO, RICHARDSON DM, ROY HE, SMART SM, STAJEROVÁ K, STOHLGREN T, Et Al. Challenging the view that invasive non-native plants are not a significant threat to the floristic diversity of Great Britain. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(23): E2988-E2989.
59. HUMAIR F, HUMAIR L, KUHN F, KUEFFER M. E-commerce trade in invasive plants. *Conservation Biology* 2015; **29**(6):1658-1665.

60. JACOBS LEO, VAN WYK E, WILSON JR. Recent discovery of small naturalised populations of *Melaleuca quinquenervia* (Cav.) S.T. Blake in South Africa. *BioInvasions Records* 2015; **4**(1):53-59.
61. JANION-SCHEEPERS C, DEHARVENG L, BEDOS A, CHOWN SL. Updated list of *Collembola* species currently recorded from South Africa. *ZooKeys* 2015; **503**: 55–88.
62. JUNKER K, MARIAUX J, MEASEY GJ, MUTAFCHIEV Y. *Meteterakis saotomensis* n. sp. (Nematoda: Heterakidae) from *Schistometopum thomense* (Bocage) (Gymnophiona: Dermophiidae) on São Tomé Island. *Systematic Parasitology* 2015; **92**:131–139.
63. KEIGHTLEY J, VON DER HEYDEN S, JACKSON S. Introduced Pacific oysters *Crassostrea gigas* in South Africa: demographic change, genetic diversity and body condition. *African Journal of Marine Science* 2015; **37**(1):89-98.
64. KELSTRUP HCP, HARTFELDER K, WOSSLER TC. *Polistes smithii* vs. *Polistes dominula*: the contrasting endocrinology and epicuticular signaling of sympatric paper wasps in the field. *Behavioral Ecology and Sociobiology* 2015; **69**(12):2043–2058.
65. KUMSCHICK S, BACHER S, EVANS T, MARKOVÁ Z, PERGL J, PYŠEK P, VAES-PETIGNAT S, VAN DER VEER G, VILÀ M, NENTWIG W. Comparing impacts of alien plants and animals in Europe using a standard scoring system. *Journal of Applied Ecology* 2015; **52**:552-561.
66. KUMSCHICK S, GAERTNER M, VILÀ M, ESSL F, JESCHKE JM, PYŠEK P, RICCIARDI A, BACHER S, BLACKBURN TM, DICK JT, EVANS T, HULME PE, KUHN I, MRUGULA A, PERGL J, RABITSCH W, RICHARDSON DM, SENDEK A, WINTER M. Ecological Impacts of Alien Species: Quantification, Scope, Caveats, and Recommendations. *Bioscience* 2015; **65**(1):55-63.
67. LAVERTY C, DICK JT, ALEXANDER ME, LUCY FE. Differential ecological impacts of invader and native predatory freshwater amphipods under environmental change are revealed by comparative functional responses. *Biological Invasions* 2015; **17**(6):1761–1770.
68. LE ROUX JJ, FOXCROFT LC, HERBST M, MACFADYEN S. Genetic analysis shows low levels of hybridization between African wildcats (*Felis silvestris lybica*) and domestic cats (*F. s. catus*) in South Africa. *Ecology and Evolution* 2015; **5**:288–299.
69. LEINAAS HP, BENGTSSON J, JANION-SCHEEPERS C, CHOWN SL. Indirect effects of habitat disturbance on invasion: Nutritious litter from a grazing resistant plant favors alien over native *Collembola*. *Ecology and Evolution* 2015; **5**(16): 3462–3471.
70. LETTY B, HENSEN I, HIRSCH H, RENISON D. No differences in genetic diversity of *Cotoneaster franchetii* (Rosaceae) shrubs between native and non-native ranges. *Boletín de la Sociedad Argentina de Botánica* 2015; **50**(3):377-384.
71. LEURS G, OCONNELL CPO, ANDREOTTI S, RUTZEN M, VONK NOORDEGRAAF H. Risks and advantages of using surface laser photogrammetry on free-ranging marine organisms: A case study on white sharks *Carcharodon carcharias*. *Journal of Fish Biology* 2015; **86**(6):1713-1728.
72. LOSOSOVÁ Z, DE BELLO F, CHYTRÝ M, KÜHN I, PYCEK M, SÁDLO J, WINTER M, ZELENÝ D. Alien plants invade more phylogenetically clustered community types and cause even stronger clustering. *Global Ecology and Biogeography* 2015; **24**:786-794.

73. MABIN CA, WILSON JR, ROBINSON T. The Chilean black urchin, *Tetrapygus niger* (Molina, 1782) in South Africa: gone but not forgotten. *BioInvasions Records* 2015; **4**(4):261–264.
74. MACHINGAMBI NM, DREYER LL, OBERLANDER KC, ROUX J, ROETS F. Death of endemic *Virgilia oroboides* trees in South Africa caused by *Diaporthe virgiliae* sp. nov. *Plant Pathology* 2015; **64**:1149-1156.
75. MAGADLELA A, VARDIEN W, KLEINERT A, DREYER LL, VALENTINE AJ. The role of phosphorus deficiency in nodule microbial composition, and carbon and nitrogen nutrition of a native legume tree in the Cape fynbos ecosystem. *Australian Journal of Botany* 2015; **63**(5):379-386.
76. MAISTRY PM, MUASYA AM, VALENTINE AJ, CHIMPHANGO SBM. Increasing nitrogen supply stimulates phosphorus acquisition mechanisms in the fynbos species *Aspalathus linearis*. *Functional Plant Biology* 2015; **42**(1):52-62.
77. MAISTRY PM, MUASYA AM, VALENTINE AJ, CHIMPHANGO SBM. Balanced allocation of organic acids and biomass for phosphorus and nitrogen demand in the fynbos legume *Podalyria calyptrata*. *Journal of Plant Physiology* 2015; **174**:16-25.
78. MAKHUBO BG, TOLLEY KA, BATES MF. Molecular phylogeny of the *Afroedura nivaria* (Reptilia: Gekkonidae) species complex in South Africa provides insight on cryptic speciation. *Molecular Phylogenetics and Evolution* 2015; **82**:31-42.
79. MATTHEE CA, VAN DER MESCHT L, MATTHEE S. A genetic perspective on the taxonomy and evolution of the medically important flea, *Dinopsyllus ellobius* (Siphonaptera: Dinopsyllinae), and the resurrection of *Dinopsyllus abaris*. *Biological Journal of the Linnean Society* 2015; **116**:541-557.
80. MATTHEWS T, VAN DIJK DE, ROBERTS DL, SMITH RMH. An early Pliocene (5.1 Ma) fossil frog community from Langebaanweg, south-western Cape, South Africa. *African Journal of Herpetology* 2015; **64**(1):39-53.
81. MC CONNACHIE MM, VAN WILGEN BW, RICHARDSON DM, FERRARO PJ, FORSYTH AT. Estimating the effect of plantations on pine invasions in protected areas: a case study from South Africa. *Journal of Applied Ecology* 2015; **52**:110-118.
82. MEASEY GJ, VIMERCATI G, DE VILLIERS FA, MOKHATLA MM, DAVIES S, EDWARDS S, ALTWEGG R. Frog eat frog: exploring variables influencing anurophagy. *PeerJ* 2015; **3**: e1204, 16 pages.
83. MENEGON M, LOADER SP, DAVENPORT TRB, HOWELL KM, TILBURY CR, MACHAGA S, TOLLEY KA. A new species of Chameleon (Sauria: Chamaeleonidae: Kinyongia) highlights the biological affinities between the Southern Highlands and Eastern Arc Mountains of Tanzania. *Acta Herpetologica* 2015; **10**(2):111-120.
84. MIDGLEY GF, BOND WJ. Future of African terrestrial biodiversity and ecosystems under anthropogenic climate change. *Nature Climate Change* 2015; **5**:823-829.
85. MIRIMIN L, KITCHIN N, IMPSON DN, CLARK PF, RICHARD J, DANIELS SR, ROODT-WILDING R. Genetic and Morphological Characterization of Freshwater Shrimps (*Caridina Africana* Kingsley, 1882) Reveals the Presence of Alien Shrimps in the Cape Floristic Region, South Africa. *Journal of Heredity* 2015; **106**(6):711-718.

86. MOKHATLA MM, RÖDDER D, MEASEY GJ. Assessing the effects of climate change on distributions of Cape Floristic Region amphibians. *South African Journal of Science* 2015; **111**: Art. #2014-0389, 7 pages.
87. MONCRIEFF GR, SCHEITER S, SLINGSBY JA, HIGGINS SI. Understanding global change impacts on South African biomes using Dynamic Vegetation Models. *South African Journal of Botany* 2015; **101**:16-23.
88. MOUTON M, BOTHA A, THORNTON M, MESJASZ-PRZYBY OWICZ J, MESJASZ-PRZYBY OWICZ WJ. Elemental distribution patterns in the skins of false killer whales (*Pseudorca crassidens*) from a mass stranding in South Africa, analysed using micro-PIXE. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms* 2015; **363**:70-74.
89. MOUTON M, PRZYBYLOWICZ W, MESJASZ-PRZYBYLOWICZ J, POSTMA F, THORNTON M, ARCHER E, BOTHA A. Linking the occurrence of cutaneous opportunistic fungal invaders with elemental concentrations in false killer whale (*Pseudorca crassidens*) skin. *Environmental Microbiology Reports* 2015; **7**(5):728-737.
90. MUGRABI DE KUPPLER AL, FAGÚNDEZ J, BELLSTEDT DU, OLIVER EGH, LÉON J, PIRIE MD. Testing reticulate versus coalescent origins of *Erica lusitana* using species phylogeny of the northern heathers (Ericaceae). *Molecular Phylogenetics and Evolution* 2015; **88**:121-131.
91. MUSVUUGWA T, DE BEER ZW, DUONG A, DREYER LL, OBERLANDER KC, ROETS F. New species of Ophiostomatales from Scolytinae and Platypodinae beetles in the Cape Floristic Region, including the discovery of the sexual state of *Raffaelea*. *Antonie Van Leeuwenhoek International Journal of General and Molecular Microbiology* 2015; **108**:933-950.
92. MUTEVERI T, MATTHEE CA, BOWIE RCK, VON DER HEYDEN S. High population connectivity and Pleistocene range expansion in the direct-developing plough shell *Bullia rhodostoma* along the South African coast. *African Journal of Marine Science* 2015; **37**(1):21-31.
93. MYBURGH AM, DANIELS SR. Exploring The Impact of Habitat Size on Phylogeographic Patterning in The Overberg Velvet Worm *Peripatopsis overbergiensis* (onychophora: Peripatopsidae). *Journal of Heredity* 2015; **106**(3):296-305.
94. NEWMAN EL, MANNING J, ANDERSON BC. Local adaptation: Mechanical fit between floral ecotypes of *Nerine humilis* (Amaryllidaceae) and pollinator communities. *Evolution* 2015; **69** (9):2262–2275.
95. NOVOA PEREZ A, KAPLAN H, KUMSCHICK S, WILSON JR, RICHARDSON DM. Soft Touch or Heavy Hand? Legislative Approaches for Preventing Invasions: Insights from Cacti in South Africa. *Invasive Plant Science and Management* 2015; **8**:307-316.
96. NOVOA PEREZ A, LE ROUX JJ, ROBERTSON MP, WILSON JR, RICHARDSON DM. Introduced and invasive cactus species: a global review. *Annals of Botany* 2015; **7**(1): plu078, 14 pages.
97. NUNES AN, TRICARICO E, PANOV VE, CARDOSO AC, KATSANEVAKIS S. Pathways and gateways of freshwater invasions in Europe. *Aquatic Invasions* 2015; **10**(4):359–370.
98. NXELE TC, LAMANI SF, MEASEY GJ, ARMSTRONG AJ, PLISKO JD, WILLOWS-MUNRO S, JANION-SCHEEPERS C, WILSON JR. Studying earthworms (Annelida: Oligochaeta) in South Africa. *African Invertebrates* 2015; **56**(3):779-806.

99. PACIFICI M, FODEN WB, VISCONTI P, WATSON JE, BUTCHART SHM, KOVAKS KM, SCHEFFERS BR, HOLE DG, MARTIN TG, AKÇAKAYA HR, CORLETT RT, HUNTLEY B, BICKFORD D, CARR J, HOFFMANN AA, MIDGLEY GF, PEARCE-KELLY P, PEARSON RG, WILLIAMS SE, WILLIS SG, YOUNG B, RONDININI C. Assessing species vulnerability to climate change. *Nature Climate Change* 2015; **5**:215–224.
100. PANNELL JR, AULD JR, BRANDVAIN Y, BURD M, BUSCH JW, CHEPTOU PO, CONNER JK, GOLDBERG EE, GRANT AG, GROSSENBACHER DL, HOVICK SM, IGIC B, KALISZ S, PETANIDOU T, RANDLE AM, CASAS RR, PAUW CA, VAMOSI JC, WINN AA. The scope of Baker's law. *New Phytologist* 2015; **208**(3):656-667.
101. PAYNE R, GRIFFITHS CL, VON DER HEYDEN S, KOCH E. The cushion–star *Parvulastra exigua* in South Africa: One species or more? *ZooKeys* 2015; **2015**(524):1-16.
102. PEARCE-HIGGINS JW, OCKENDON N, BAKER DJ, CARR J, WHITE EC, ALMOND REA, AMANO T, BERTRAM E, BRADBURY RB, BRADLEY C, BUTCHART SHM, DOSWALD N, FODEN WB, GILL DJC, GREEN RE, SUTHERLAND WJ, TANNER EVJ. Geographical variation in species' population responses to changes in temperature and precipitation. *Proceedings of the Royal Society B-Biological Sciences* 2015; **282**:1-8.
103. PÉREZ-FERNÁNDEZ MA, HILL YJ, CALVO-MAGRO E, VALENTINE AJ. Competing Bradyrhizobia strains determine niche occupancy by two native legumes in the Iberian Peninsula. *Plant Ecology* 2015; **216**:1537–1549.
104. PFAFF MC, BRANCH GM, FISHER JL, HOFFMANN V, ELLIS AG, LARGIER JL. Delivery of marine larvae to shore requires multiple sequential transport mechanisms. *Ecology* 2015; **96**(5): 1399-1410.
105. PHAIR N, BARENDSE J, SMITH MKS, VON DER HEYDEN S. Molecular analyses confirm genetically distinct populations of two indigenous estuarine fish species in an isolated coastal lake: implications for the management of introduced ichthyofauna. *Conservation Genetics* 2015; **16**:801-809.
106. PHIRI EE, MCGEOCH MA, CHOWN SL. The abundance structure of *Azorella selago* Hook. f. on sub- Antarctic Marion Island: testing the peak and tail hypothesis. *Polar Biology* 2015; **38**:1881–1890.
107. PYCEK M, MANCEUR AM, ALBA C, MCGREGOR KF, PERGL J, S TAJEROVA´ K, CHYTRY M, DANIHELKA J, KARTESZ J, KLIMESOVA J, LUCANOVA M, MORAVCOVA L, NISHINO M, SÁDLO J, SUDA J, KUHN I, TICHY L. Naturalization of central European plants in North America: Species traits, habitats, propagule pressure, residence time. *Ecology* 2015; **96**:762–774.
108. RAQUET MA, MEASEY GJ, EXBRAYAT JM. Annual variation of ovarian structures of *Boulengerula taitana* (Loveridge 1935), a Kenyan caecilian. *African Journal of Herpetology* 2015; **64**(2):116-134.
109. REINECKE AJ, REINECKE SA, VAN WYK M. Kan die gevoeligheid van grondlewende organismes bydra om die volhoubaarheid van landbewerking van olieraffinadery afval te beoordeel? *South African Journal for Science and Technology / Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2015; **34**(1): Art. # 1308, 10 pages.
110. RHODIN AGJ, KAISER H, VAN DIJK PP, WÜSTER W, O'SHEA M, ARCHER M, AULIYA M, BOITANI L, MEASEY GJ, ET AL. Comment on *Spracklandus Hoser*, 2009 (Reptilia, Serpentes, ELAPIDAE): request for confirmation of the availability of the generic name and for the nomenclatural validation of the

- journal in which it was published. *Bulletin of Zoological Nomenclature* 2015; **72**(1):65-78.
111. RICHARDSON DM, LE ROUX JJ, WILSON JR. Australian acacias as invasive species: lessons to be learnt from regions with long planting histories. *Southern Forests* 2015; **77**(1):31-39.
 112. RIPLEY B, VISSER V, CHRISTIN P, ARCHIBALD M, MARTIN T, OSBORNE CP. Fire ecology of C3 and C4 grasses depends on evolutionary history and frequency of burning but not photosynthetic type. *Ecology* 2015; **96**(10):2679–2691.
 113. ROBINSON T, POPE HR, HAWKEN LJ, BINNEMAN C. Predation-driven biotic resistance fails to restrict the spread of a sessile rocky shore invader. *Marine Ecology Progress Series* 2015; **522**:169–179.
 114. ROBINSON T, SWART C. Distribution and impact of the alien anemone *Sagarta ornata* in the West Coast National Park. *Koedoe* 2015; **57**(1): Art. #1246, 8pages.
 115. ROBINSON TJ, CERNOHORSKA H, SCHULZE E, DURAN PUIG A. Molecular cytogenetics of tragelaphine and alcelaphine interspecies hybrids: hybridization, introgression and speciation in some African antelope. *Biology Letters* 2015; **11**:1-5.
 116. ROPIQUET A, KNIGHT AT, BORN C, MERTINS Q, BALME G, KIRKENDALL L, HUNTER L, SENEKAL C, MATTHEE CA. Implications of spatial genetic patterns for conserving African leopards. *Comptes Rendus Biologies* 2015; **338**(11):728-737.
 117. ROUGET M, HUI C, RENTERIA J, RICHARDSON DM, WILSON JR. Plant invasions as a biogeographical assay: Vegetation biomes constrain the distribution of invasive alien species assemblages. *South African Journal of Botany* 2015; **101**:24–31.
 118. ROUSSEAU P, VORSTER PJ, AFONSO AV, VAN WYK AE. Taxonomic notes on *Encephalartos ferox* (Cycadales: Zamiaceae), with the description of a new subspecies from Mozambique. *Phytotaxa* 2015; **204**(2):099-115.
 119. ROUX DJ, KINGSFORD RT, MCCOOL SF, MCGEOCH MA, FOXCROFT LC. The Role and Value of Conservation Agency Research. *Environmental Management* 2015; **55**(6):1232-1245.
 120. RUBINOFF D, SAN JOSE M, JOHNSON P, WELLS R, OSBORNE K, LE ROUX JJ. Ghosts of glaciers and the disjunct distribution of a threatened California moth (*Euproserpinus euterpe*). *Biological Conservation* 2015; **184**:278-289.
 121. RUWANZA S, GAERTNER M, ESLER KJ, RICHARDSON DM. Allelopathic effects of invasive *Eucalyptus camaldulensis* on germination and early growth of four native species in the Western Cape, South Africa. *Southern Forests* 2015; **77**:91-105.
 122. SADCHATHEESWARAN S, BRANCH GM, ROBINSON T. Changes in habitat complexity resulting from sequential invasions of a rocky shore: implications for community structure. *Biological Invasions* 2015; **17**:1799–1816.
 123. SAINT-BÉAT B, BAIRD D, ASMUS H, ASMUS R, BACHER C, PACELLA SR, JOHNSON GA, DAVID V, VÉZINA AF, NIQUIL N. Trophic networks: How do theories link ecosystem structure and functioning to stability properties? A review. *Ecological Indicators* 2015; **52**:458–471.
 124. SANDS AF, MATTHEE S, MFUNE KE, MATTHEE CA. The influence of life history and climate driven diversification on the mtDNA phylogeographic structures of two southern African *Mastomys* species (Rodentia: Muridae: Murinae). *Biological Journal of the Linnean Society* 2015; **114**:58-68.

125. SCHMID B, NOTTEBROCK H, ESLER KJ, PAGEL J, PAUW CA, BÖHNING-GAESE K, SCHURR FM, SCHLEUNING M. Reward quality predicts effects of bird-pollinators on the reproduction of African Protea shrubs. *Perspectives in Plant Ecology Evolution and Systematics* 2015; **17**:209-217.
126. SHACKLETON R, LE MAITRE DC, RICHARDSON DM. Stakeholder perceptions and practices regarding *Prosopis* (mesquite) invasions and management in South Africa. *Ambio* 2015; **44**:569-581.
127. SHACKLETON R, LE MAITRE DC, VAN WILGEN BW, RICHARDSON DM. The impact of invasive alien *Prosopis* species (mesquite) on native plants in different environments in South Africa. *South African Journal of Botany* 2015; **97**:25-31.
128. SHACKLETON R, LE MAITRE DC, VAN WILGEN BW, RICHARDSON DM. Use of non-timber forest products from invasive alien *Prosopis* species (mesquite) and native trees in South Africa: implications for management. *Forest Ecosystem* 2015; **2**:16, 11 pages.
129. SHACKLETON RT, LE MAITRE DC, RICHARDSON DM. *Prosopis* invasions in South Africa: Population structures and impacts on native tree population stability. *Journal of Arid Environments* 2015; **114**:70-78.
130. SHARPE LL. Handstand scent marking: Height matters to dwarf mongooses. *Animal Behaviour* 2015; **105**:173-179.
131. SIEG AE, GAMBONE MM, WALLACE BP, CLUSELLA-TRULLAS S, SPOTILA JR, AVERY HW. Mojave desert tortoise (*Gopherus agassizii*) thermal ecology and reproductive success along a rainfall cline. *Integrative Zoology* 2015; **10**:282-294.
132. SIMON CA. Observations on the composition and larval developmental modes of polydorid pests of farmed oysters (*Crassostrea gigas*) and abalone (*Haliotis midae*) in South Africa. *Invertebrate Reproduction & Development* 2015; **59**(3):124-130.
133. SIMON CA, SATO-OKOSH W. Polydorid polychaetes on farmed molluscs: distribution, spread and factors contributing to their success. *Aquaculture Environment Interactions* 2015; **7**:147-166.
134. SOUZA-ALONSO P, NOVOA PEREZ A, GONZALES L. Soil biochemical alterations and microbial community responses under *Acacia dealbata* Link invasion. *Soil Biology & Biochemistry* 2014; **79**(1):100-108.
135. STANWAY R, PAUW CA. Unrivalled specialization in a pollination network from South Africa reveals that specialization increases with latitude only in the Southern Hemisphere. *Journal of Biogeography* 2015; **42**:652-661.
136. STEVENSON BC, BORCHERS DL, ALTWEGG R, SWIFT RJ, GILLESPIE DM, MEASEY GJ. A general framework for animal density estimation from acoustic detections across a fixed microphone array. *Methods in Ecology and Evolution* 2015; **6**:38-48.
137. STOELTING RE, MEASEY GJ, DREWES RC. Population genetics of the Sao Tomé (*Gymnophiona*: *Dermophiidae*: *Schistometopum thomense*) reveals strong geographic structuring. *PLoS ONE* 2014; **9**(8): e104628, 13 pages.
138. SWART BL, VON DER HEYDEN S, VAN DER MERWE AE, ROODT-WILDING R. Molecular systematics and biogeography of the circumglobally distributed genus *Seriola* (Pisces: Carangidae). *Molecular Phylogenetics and Evolution* 2015; **93**:274-280.
139. TE BEEST M, ESLER KJ, RICHARDSON DM. Linking functional traits to impacts of invasive plant species: a case study. *Plant Ecology* 2015; **216**:293-305.

140. TERERAI F, GAERTNER M, JACOBS SM, RICHARDSON DM. Resilience of Invaded Riparian Landscapes: The Potential Role of Soil-Stored Seed Banks. *Environmental Management* 2015; **55**:86-99.
141. TERERAI F, GAERTNER M, JACOBS SM, RICHARDSON DM. Eucalyptus camaldulensis invasion in riparian zones reveals few significant effects on soil physico-chemical properties. *River Research and Applications* 2015; **31**(5):590-601.
142. THOMPSON GD, BELLSTEDT DU, RICHARDSON DM, WILSON JR, LE ROUX JJ. A tree well travelled: global genetic structure of the invasive tree *Acacia saligna*. *Journal of Biogeography* 2015; **42**:305-314.
143. TILBURY CR, TOLLEY KA. Contributions to the herpetofauna of the Albertine Rift: Two new species of chameleon (Sauria: Chamaeleonidae) from an isolated montane forest, south eastern Democratic Republic of Congo. *Zootaxa* 2015; **3905** (3):345-364.
144. TRUTER JC, VAN WYK JH, NEWMAN BK. In vitro screening for endocrine disruptive activity in selected South African harbours and river mouths. *African Journal of Marine Science* 2015; **37**(4):567-574.
145. VAN DER COLFF D, DREYER LL, VALENTINE AJ, ROETS F. Invasive plant species may serve as a biological corridor for the invertebrate fauna of naturally isolated hosts. *Journal of Insect Conservation* 2015; **19**:863–875.
146. VAN DER MESCHT L, MATTHEE S, MATTHEE CA. Comparative phylogeography between two generalist flea species reveal a complex interaction between parasite life history and host vicariance: parasite-host association matters. *BMC Evolutionary Biology* 2015; **15**: 105, 15 pages.
147. VAN NIEUKERKEN E, GEERTSEMA H. A new leafminer on grapevine and *Rhoicissus* (Vitaceae) in South Africa within an expanded generic concept of *Holocacista* (Insecta, Lepidoptera, Heliozelidae). *ZooKeys* 2015; **2015**(507): 41-97.
148. VAN WILGEN BW. Plantation forestry and invasive pines in the Cape Floristic Region: Towards conflict resolution. *South African Journal of Science* 2015; **7/8**(111):1-2.
149. VAN WYK E, JACOBS LEO. Prospects for extirpating small populations of the wetland invader *Melaleuca quinquenervia* from South Africa: a case study from the Western Cape region. *African Journal of Aquatic Science* 2015; **40**(3):299-306.
150. VANHOOYDONCK B, MEASEY GJ, EDWARDS S, MAKHUBO B, TOLLEY KA, HERREL A. The effects of substratum on locomotor performance in lacertid lizards. *Biological Journal of the Linnean Society* 2015; **115**(4):869-881.
151. VISSER V, MOLOFSKY J. Ecological niche differentiation of polyploidization is not supported by environmental differences among species in a cosmopolitan grass genus. *American Journal of Botany* 2015; **102**:36-49.
152. VON DER HEYDEN S, TOMS JA, TESKE P, LAMBERTH SJ, HOLLEMAN W. Contrasting signals of genetic diversity and historical demography between two recently diverged marine and estuarine fish species. *Marine Ecology Progress Series* 2015; **526**: 157-167.
153. WALLER PA, ANDERSON P, HOLMES PM, NEWTON RJ. Developing a species selection index for seed-based ecological restoration in Peninsula Shale Renosterveld, Cape Town. *South African Journal of Botany* 2015; **99**:62-68.
154. WEISS JD, COTTERILL FPD, SCHLIEWEN UK. Lake Tanganyika—A 'Melting Pot' of Ancient and Young Cichlid Lineages (Teleostei: Cichlidae)? *PLoS ONE* 2015; **10**(4):e0125043, 29 pages.

155. WOOD LE, DE GRAVE S. Functional morphology of the first pereopod in crangonoid shrimps (Crustacea, Decapoda, Caridea, Crangonoidea). *Zoomorphology* 2015; **134**:469-486.
156. WRIGHT D, BISHOP JM, MATTHEE CA, VON DER HEYDEN S. Genetic isolation by distance reveals restricted dispersal across a range of life histories: Implications for biodiversity conservation planning across highly variable marine environments. *Diversity and Distributions* 2015; **21**(6):698-710.
157. YANG J, LA SORTE FA, PYCEK M, NOWAK D, YAN Y, MCBRIDE J. The compositional similarity of urban forests among the world's cities is scale dependent. *Global Ecology and Biogeography* 2015; **24**:1413-1423.

Proceedings International

1. CANAVAN S, WILSON JR, RICHARDSON DM. Understanding the risks of an emerging global market for cultivating bamboo: considerations for a more responsible dissemination of alien bamboos. 10th World Bamboo Congress, USA, World Bamboo Organization 2015: 679-684.

Books

1. MONADJEM A, TAYLOR PJ, DENYS CD, COTTERILL FPD. *Rodents of Sub-Saharan Africa: A biogeographic and taxonomic synthesis*. De Gruyter, Berlin, Germany 2015:1092 pp.

Chapters in books

1. DANIELS SR. Crabs, prawns and crayfish - Order Decapoda. In: Griffiths CL, Day JA, Picker MD (eds.) *Freshwater Life: a Field guide to the plants and animals of southern Africa*, Struik Publishers (Pty) Ltd, Century City, South Africa, 2015: 244-248.
2. FLÜGEL TJ, ECKARDT FD, COTTERILL FPD. The Present Day Drainage Patterns of the Congo River System and their Neogene Evolution. In: De Wit MJ, Guillocheau F, De Wit MCJ (eds.) *Geology and Resource Potential of the Congo Basin*, Springer, Berlin, Germany, 2015: 315-337.

CHEMISTRY & POLYMER SCIENCE

Journal articles

1. AGGARWAL H, DAS RK, BHATT P, BARBOUR LJ. Isolation of a structural intermediate during switching of degree of interpenetration in a metal-organic framework. *Chemical Science* 2015; **6**(8):4986-4992.
2. AGGARWAL H, LAMA P, BARBOUR LJ. Transformation from non- to double-interpenetration in robust Cd(II) doubly-pillared-layered metal-organic frameworks. *Chemical Communications* 2014; **50**:14543-14546.
3. ALIWANI S, PERES J, KRÖGER WL, BLANCKENBERG A, DE LA MARE J, EDKINS AL, MAPOLIE SF, PRINCE S. The palladacycle, AJ-5, exhibits anti-tumour and anti-cancer stem cell activity in breast cancer cells. *Cancer Letters* 2015; **357**:206-218.
4. AMER ISA, VAN REENEN AJ, BRAND M. Use of solution crystallization analysis by laser light scattering for studying the solution crystallization of

- various Ziegler-Natta-catalysed polypropylenes. *Polymer International* 2015; **64**:466-476.
5. AMER ISA, VAN REENEN AJ, MOKRANI T. Molecular weight and tacticity effect on morphological and mechanical properties of Ziegler–Natta catalyzed isotactic polypropylenes. *Polimeros-Ciencia e Tecnologia* 2015; **25**(6):556-563.
 6. BABAJIDE JO, MABUSELA WT, GREEN IR. Some alkaloids and flavonoids from *Cissampelos capensis*. *Journal of Medicinal Plants Research* 2015; **9**(2):16-29.
 7. BARBOUR LJ. Organic cage crystals: Supramolecular joinery. *Nature Chemistry* 2015; **7**:97-99.
 8. BARNARD A, DU PREEZ I, MAHLANGU T, CHETTY A, KLUMPERMAN L. Development of bioconjugated dye-doped poly(styrene-co-maleimide) nanoparticles as a new bioprobe. *Journal of Materials Chemistry B* 2015; **3**:2635-2640.
 9. BATISAI E, SMITH VJ, BOURNE SA, BÁTHORI NB. Solid state structures of p-cresol revisited. *CrystEngComm* 2015; **17**(28):5134-5138.
 10. BEZUIDENHOUT CX, SMITH VJ, BHATT P, ESTERHUYSEN C, BARBOUR LJ. Extreme carbon dioxide sorption hysteresis in open-channel rigid metal-organic frameworks. *Angewandte Chemie-International Edition* 2015; **54**:2079-2083.
 11. BOTHA L, SINHA PP, DUVESKOG H, VAN REENEN AJ. The use of solid-state NMR to investigate the development of segmental mobility in commercial heterophasic ethylene propylene copolymers (HEPCs). *Macromolecular Reaction Engineering* 2015; **9**:313-324.
 12. BRIKA B, BRADSHAW SM, JACOBS EP. Investigation of geometric properties of media particles and operating conditions on floating media filtration. *Desalination and Water Treatment* 2015; **54**(8):2091-2099.
 13. CAI W, GLADYSIAK A, ANIOLA M, SMITH VJ, BARBOUR LJ, KATRUSIAK A. Giant negative area compressibility tunable in a soft porous framework material. *Journal of the American Chemical Society* 2015, **137**(29):9296-9301.
 14. CHERUTHAZHEKATT S, PASCH H. High temperature size exclusion-liquid adsorption chromatography (HT-SEC-LAC): Full isocratic separation of parent isotactic polypropylene homopolymer from ethylene-propylene copolymers. *Polymer* 2015; **64**:1-7.
 15. CLEMENTS MJ, LE ROEX T, BLACKIE MAL. Multicomponent crystal systems of known antimalarial drug molecules. *ChemMedChem* 2015; **10**:1786-1792.
 16. CLOETE J, MAPOLIE SF, MALGAS-ENUS R. Facile synthesis and characterization of PTA stabilized hydrophylic Au₅₅ nanoparticles via a DEN-MPC method. *Polyhedron* 2015; **102**:469-478.
 17. DANON B, DE VILLIERS AJ, GORGENS JF. Elucidation of the different devolatilisation zones of tyre rubber pyrolysis using TGA-MS. *Thermochimica Acta* 2015; **614**:59-61.
 18. DAS RK, AGGARWAL H, BARBOUR LJ. Anomalous anisotropic thermal expansion in a one-dimensional coordination polymer driven by conformational flexibility. *Inorganic Chemistry* 2015; **54**(17):8171-8173.
 19. DASARI R, DE CARVALHO A, MEDELLIN DC, MIDDLETON KN, HAGUE F, VOLMAR MNM, FROLOVA LV, ROSSATO MF, DE LA CHAPA JJ, DYBDAL-HARGREAVES NF, PILLAI A, KÄLIN RE, MATHIEU V, PELLY SC, VAN OTTERLO WAL, ET AL. Wittig derivatization of sesquiterpenoid polygodial leads to cytostatic agents with activity against drug resistant cancer cells and

- capable of pyrrolylation of primary amines. *European Journal of Medicinal Chemistry* 2015; **103**:226-237.
20. DASARI R, DE CARVALHO A, MEDELLIN DC, MIDDLETON KN, HAGUE F, VOLMAR MNM, FROLOVA LV, ROSSATO MF, DE LA CHAPA JJ, DYBDAL-HARGREAVES NF, PILLAI A, MATHIEU V, ROGELJ S, PELLY SC, VAN OTTERLO WAL, ET AL. Synthetic and biological studies of sesquiterpene polygodial: Activity of 9-epipolygodial against drug-resistant cancer cells. *ChemMedChem* 2015; **10**:2014-2026.
 21. DE SMET S, MISEREZ B, ALEGRE MR, YAPA MT, DE VILLIERS AJ, SANDRA P, LYNEN F. Optimization of a high-resolution radical scavenging assay coupled on-line to reversed-phase liquid chromatography for antioxidant detection in complex natural extracts. *Journal of Separation Science* 2015; **38**:724-731.
 22. DILLEN JLM. The topology of the Ehrenfest force density revisited: A different perspective based on Slater-type orbitals. *Journal of Computational Chemistry* 2015; **36**(12):883-890.
 23. DOBROWSKY PH, LOMBARD M, CLOETE WJ, SAAYMAN M, CLOETE TE, CARSTENS M, KHAN S, KHAN W. Efficiency of microfiltration systems for the removal of bacterial and viral contaminants from surface and rainwater. *Water Air and Soil Pollution* 2015; **226**(3): Article 33, 14 pages.
 24. DOBRZANSKA L. Concomitant, genuine 1D supramolecular isomers of an Ag(I) complex with 1,3-bis(imidazol-1-ylmethyl)-2,4,6-trimethylbenzene and BF_4^- as counterion. *Inorganic Chemistry Communications* 2015; **55**:21-24.
 25. EDDAOUDI M, BARBOUR LJ. CO_2 separation, capture and reuse: a web themed issue. *Chemical Communications* 2015; **51**:5554-5555.
 26. ELHRARI WKS, DUVESKOG H, MALLON PE. Correlation between positron annihilation lifetime parameters and $T_{1\rho}$ relaxation times determined from solid state NMR at the compositional phase segregation point of graft copolymers. *Polymer* 2015; **77**:95-101.
 27. ENGELBRECHT L, MURRAY P, KOCH KR. Isotope effects in ^{195}Pt NMR spectroscopy: Unique $^{35/37}\text{Cl}$ and $^{16/18}\text{O}$ -resolved "fingerprints" for all $[\text{PtCl}_{6-n}(\text{OH})_n]^{2-}$ ($n = 1-5$) anions in an alkaline solution and the implications of the trans influence. *Inorganic Chemistry* 2015; **54**:2752-2764.
 28. GERBER WJ, VAN WYK P, VAN NIEKERK DME, KOCH KR. The fundamental flaw of the HSAB principle is revealed by a complete speciation analysis of the $[\text{PtCl}_{6-n}\text{Br}_n]^{2-}$ ($n = 0-6$) system. *Physical Chemistry Chemical Physics* 2015; **17**:5712-5724.
 29. GILDENHUYS J, SAMMY CJ, MÜLLER R, STRELTSOV VA, LE ROEX T, KUTER D, DE VILLIERS K. Alkoxide coordination of iron(III) protoporphyrin IX by antimalarial quinoline methanols: A key interaction observed in the solid-state and solution. *Dalton Transactions* 2015; **44**(38):16767-16777.
 30. GOVENDER D, ISLAM RU, DE KONING CB, VAN OTTERLO WAL, ARBUTHNOT P, ARIATTI M, SINGH M. Stealth lipoplex decorated with triazole-tethered galactosyl moieties: a strong hepatotropic gene vector. *Biotechnology Letters* 2015; **37**:567-575.
 31. GREYLING GH, PASCH H. Multidetector thermal field-flow fractionation as a unique tool for the tacticity-based separation of poly(methyl methacrylate)-polystyrene block copolymer micelles. *Journal of Chromatography A* 2015; **1414**:163-172.

32. GREYLING GH, PASCH H. Fractionation of poly(butyl methacrylate) by molecular topology using multidetector thermal field-flow fractionation. *Macromolecular Rapid Communications* 2015; **36**(24):2143-2148.
33. GREYLING GH, PASCH H. Tacticity separation of poly(methyl methacrylate) by multidetector thermal field-flow fractionation. *Analytical Chemistry* 2015; **87**:3011-3018.
34. HARMSE L, DAHAN-FARKAS N, PANAYIDES J, VAN OTTERLO WAL, PENNY C. Aberrant apoptotic response of colorectal cancer cells to novel nucleoside analogues. *PLoS ONE* 2015; **10**(9):e0138607, 31 pages.
35. HEHN M, SINHA PP, PASCH H, HILLER W. Onflow liquid chromatography at critical conditions coupled to ¹H and ²H nuclear magnetic resonance as powerful tools for the separation of poly(methylmethacrylate) according to isotopic composition. *Journal of Chromatography A* 2015; **1387**:69-74.
36. HERBERT SA, JANIAC A, THALLAPALLY PK, ATWOOD JL, BARBOUR LJ. Diffusion of vaporous guests into a seemingly non-porous organic crystal. *Chemical Communications* 2014; **50**:15509-15512.
37. HUSSAIN H, AL-HARRASI A, AL-RAWAHI A, GREEN IR, CSUK R, AHMED I, SHAH A, ABBAS G, REHMAN NU, ULLAH R. A fruitful decade from 2005 to 2014 for anthraquinone patents. *Expert Opinion on Therapeutic Patents* 2015; **25**(9):1053-1064.
38. HUSSAIN H, DROGIES K, AL-HARRASI A, HASSAN Z, SHAH A, RANA UA, GREEN IR, DRAEGER S, SCHULZ B, KROHN K. Antimicrobial constituents from endophytic fungus *Fusarium* sp. *Asian Pacific Journal of Tropical Disease* 2015; **5**(3):186-189.
39. HUSSAIN H, JABEEN F, AL-HARRASI A, AHMAD M, MABOOD F, HUSSAIN J, SHAH A, HASSAN Z, REHMAN NU, GREEN IR, KHAN A, DZEHA T, DRAEGER S, SCHULZ B, KROHN K. Seimisochromenes A and B: two new dihydroisochromenes from the endophytic fungus, *Seimatosporium* sp. *Journal of Asian Natural Products Research* 2015; **17**(4):348-351.
40. HUSSAIN H, JABEEN F, KROHN K, AL-HARRASI A, AHMAD M, MABOOD F, SHAH A, BADSHAH A, REHMAN NU, GREEN IR, ALI I, DRAEGER S, SCHULZ B. Antimicrobial activity of two mellein derivatives isolated from an endophytic fungus. *Medicinal Chemistry Research* 2015; **24**:2111-2114.
41. HUSSAIN H, JOHN M, AL-HARRASI A, SHAH A, HASSAN Z, ABBAS G, RANA UA, GREEN IR, SCHULZ B, KROHN K. Phytochemical investigation and antimicrobial activity of an endophytic fungus *Phoma* sp. *Journal of King Saoud University* 2015; **27**:92-95.
42. HUSSAIN H, RAEES MA, REHMAN NU, AL-RAWAHI A, CSUK R, KHAN HY, ABBAS G, AL-BROUMI MA, GREEN IR, ELYASSI A, MAHMOOD T, AL-HARRASI A. Nizwaside: a new anticancer pregnane glycoside from the sap of *Desmidorchis flava*. *Archives of Pharmacal Research* 2015; **38**:2137-2142.
43. HUSSAIN H, ROOT N, JABEEN F, AL-HARRASI A, AHMAD M, MABOOD F, HASSAN Z, SHAH A, GREEN IR, SCHULZ B, KROHN K. Microsphaerol and seimatorone: Two new compounds isolated from the endophytic fungi, *Microsphaeropsis* sp. and *Seimatosporium* sp. *Chemistry & Biodiversity* 2015; **12**:289-294.
44. ILCHEV AA, PFUKWA R, HLALELE L, SMIT M, KLUMPERMAN L. Improved control through a semi-batch process in RAFT-mediated polymerization utilizing relatively poor leaving groups. *Polymer Chemistry* 2015; **6**:7945-7948.

45. JACOBS L, DE KOCK C, DE VILLIERS K, SMITH PJ, SMITH VJ, VAN OTTERLO WAL, BLACKIE MAL. Design, synthesis, and evaluation of novel ferroquine and phenylequine analogues as potential antiplasmodial agents. *ChemMedChem* 2015; **10**:2099-2110.
46. KANE CM, UGONO O, BARBOUR LJ, HOLMAN KT. Many simple molecular cavitands are intrinsically porous (zero-dimensional pore) materials. *Chemistry of Materials* 2015; **27**:7337-7354.
47. KORNIENKO A, EVIDENTE A, VURRO M, MATHIEU V, CIMMINO A, EVIDENTE M, VAN OTTERLO WAL, DASARI R, LEFRANC F, KISS R. Toward a cancer drug of fungal origin. *Medicinal Research Reviews* 2015; **35**(5):937-967.
48. LOOTS L, O'CONNOR JP, LE ROEX T, HAYNES DA. Solid-state supramolecular chemistry of a benzylpyridine-functionalized zwitterion: Polymorphism, interconversion, and porosity. *Crystal Growth & Design* 2015; **15**:5849-5857.
49. MAIKO KG, PASCH H. Comprehensive microstructure and molar mass analysis of polybutadiene by multidimensional liquid chromatography. *Macromolecular Rapid Communications* 2015; **36**(24):2137-2142.
50. MAKAN NO, RHODE K, SIMPSON JM, PASCH H. Characterization of complex phthalic acid/propylene glycol based polyesters by the combination of 2D chromatography and MALDI-TOF mass spectrometry. *Analytical and Bioanalytical Chemistry* 2015; **407**:217-230.
51. MALGAS-ENUS R, MAPOLIE SF. Corrigendum to "Nickel metallodendrimers as catalyst precursors in the tandem oligomerization of ethylene and Friedel-Crafts alkylation of its olefinic products" [*Inorg. Chim. Acta* 409 (2014) 96-105]. *Inorganica Chimica Acta* 2015; **428**:212.
52. MATSINHA LC, MAO J, MAPOLIE SF, SMITH GS. Water-soluble palladium(II) sulfonated thiosemicarbazone complexes: Facile synthesis and preliminary catalytic studies in the Suzuki-Miyaura cross-coupling reaction in water. *European Journal of Inorganic Chemistry* 2015; **24**:4088-4094.
53. MATSINHA LC, MAPOLIE SF, SMITH GS. Recoverable and recyclable water-soluble sulphonated salicylaldehyde Rh(I) complexes for 1-octene hydroformulation in aqueous biphasic media. *Dalton Transactions* 2015; **44**:1240-1248.
54. MOHAMMAD H, TAHER A, ARNOTT GE, GREEN IR, VAN OTTERLO WAL. Isomerization of allylbenzenes. *Chemical Reviews* 2015; **115**(11):5462-5569.
55. MONNIER XG, DELPOUVE N, BASSON N, GUINAULT A, DOMENEK S, SAITER A, MALLON PE, DARGENT E. Molecular dynamics in electrospun amorphous plasticized polylactide fibers. *Polymer* 2015; **73**:68-78.
56. MOTSOENENG TS, VAN REENEN AJ, LUYT AS. Structure and properties of a beta-nucleated polypropylene impact copolymer. *Polymer International* 2015; **64**:222-228.
57. NDIRIPO A, PASCH H. On the multimodality of preparative TREF fractionation as detected by advanced analytical methods. *Analytical and Bioanalytical Chemistry* 2015; **407**:6493-6503.
58. NGAZA N, BRAND M, PASCH H. Multidetector-ThF3 as a novel tool for the investigation of solution properties of amphiphilic block copolymers. *Macromolecular Chemistry and Physics* 2015; **216**:1355-1364.
59. PASCH H. Advanced fractionation methods for the microstructure analysis of complex polymers. *Polymers for Advanced Technologies* 2015; **26**(7):771-784.
60. PASCH H. Polymer Science education - A (southern) African perspective. *Macromolecular Symposia* 2015; **355**(1):96-103.

61. PHIRI JM, CHERUTHAZHEKATT S, DIMESKA A, PASCH H. Molecular heterogeneity of ethylene-propylene rubbers: New insights through advanced crystallization-based and chromatographic techniques. *Journal of Polymer Science Part A-Polymer Chemistry* 2015; **53**:863-874.
62. PHIRI JM, DIMESKA A, PASCH H. On the homogeneity of metallocene ethylene-propylene copolymers as investigated by multiple fractionation techniques. *Macromolecular Chemistry and Physics* 2015; **216**(15):1619-1628.
63. RAEES MA, HUSSAIN H, REHMAN NU, KHAN HY, ABBAS G, AL-RAWAHI A, ELYASSI A, AL-AMRI IS, GREEN IR, AL-BROUMI MA, MAHMOOD T, AL-HARRASI A. Desmiflavasides A and B: Two new bioactive pregnane glycosides from the sap of *Desmidorchis flava*. *Phytochemistry Letters* 2015; **12**:153-157.
64. RASSIE C, VAN WYK J, WILSON L, MAKELANE HR, FELENI U, SIDWABA U, MAPOLIE SF, BAKER PGL, IWUOHA E. Microscopy and electroanalysis of a first generation copper-poly(propyleneimine) metallodendrimer system. *International Journal of Electrochemical Science* 2015; **10**:432-444.
65. RAUBENHEIMER HG. Gold acyl complex formation and decarbonylation during indene synthesis from catalytically active vinylidene complexes. *ChemCatChem* 2015; **7**(8):1261-1262.
66. SLABBER CA, GRIMMER CD, ROBINSON RS, NIKOLAYENKO VI. Crystal structure of 1-[2-(benzyloxy)phenyl]ethanone, $C_{15}H_{14}O_2$. *Zeitschrift Fur Kristallographie-New Crystal Structures* 2015; **230**:121-122.
67. SMITH VJ, MARAIS CG, SUWIŃSKA K, LIPKOWSKI J, SZUMNA A, ESTERHUYSEN C, BARBOUR LJ. Concomitant polymorphs of p-isopropylcalix[4]arene. *CrystEngComm* 2015; **17**(28):5129-5133.
68. SWART M, VAN REENEN AJ. The effect of controlled degradation on the molecular characteristics of heterophasic ethylene-propylene copolymers. *Journal of Applied Polymer Science* 2015; **132**(14): 41783, 10 pages.
69. TALELI L, DE KOCK C, SMITH PJ, PELLY SC, BLACKIE MAL, VAN OTTERLO WAL. In vitro antiplasmodial activity of triazole-linked chloroquinoline derivatives synthesized from 7-chloro-N-(prop-2-yn-1-yl)quinolin-4-amine. *Bioorganic & Medicinal Chemistry* 2015; **23**(15):4163-4171.
70. TELLA AC, AMEEN OA, AJIBADE PA, ALIM LO. Template metal-organic frameworks: solvent-free synthesis, characterization and powder X-ray diffraction studies of $[Cu(NO_3)_2(bipy)_2](py)_2$. *Journal of Porous Materials* 2015; **22**:1599-1605.
71. TICHA LA, KLAASEN JA, GREEN IR, NAIDOO S, BAKER B, PIETERSEN RD. Phytochemical and antimicrobial screening of flavanones and chalcones from *Galenia africana* and *Dicrothamnus rhinocerotis*. *Natural Product Communications* 2015; **10**(7):1185-1190.
72. VALA RMK, TICHAGWA L, PASCH H, DIKIO ED. Solid state NMR characterization and adsorption properties of lignocellulose-clinoptilolite composites prepared with siloxanes coupling agents. *South African Journal of Chemistry-Suid-Afrikaanse Tydskrif vir Chemie* 2015; **68**:143-152.
73. VAN WIJK J, SALARI JWO, MEULDIJK J, KLUMPERMAN L. Determination of the shell growth direction during the formation of silica microcapsules by confocal fluorescence microscopy. *Journal of Materials Chemistry B* 2015; **3**(39):7745-7751.
74. VERMONDEN T, KLUMPERMAN L. The past, present and future of hydrogels. *European Polymer Journal* 2015; **72**:341-343.

75. VIVIERS MZ, BEKKER JPI, BURGER BV, LE ROUX NJ, MORRIS JDV, LE ROUX M. Characterization of amniotic fluid of Dohne Merino ewes (*Ovis aries*) and its possible role in neonatal recognition. *Zeitschrift für Naturforschung Section A-A Journal of Physical Sciences* 2015; **70**(5-6):115-128.
76. WAHL H, HAYNES DA, LE ROEX T. A highly selective host based on the pamoate ion. *CrystEngComm* 2015; **17**:1549-1555.
77. WEISNER J, GONTLA R, VAN DER WESTHUIZEN L, OECK S, KETZER J, JANNING P, RICHTERS A, MÜHLENBERG T, FANG Z, TAHER A, JENDROSSEK V, PELLY SC, BAUER S, VAN OTTERLO WAL, RAUH D. Covalent-allosteric kinase inhibitors. *Angewandte Chemie-International Edition* 2015; **54**:10313-10316.
78. WILLEMSE CM, STANDER MA, VESTNER J, TREDoux AGJ, DE VILLIERS AJ. Comprehensive two-dimensional hydrophilic interaction chromatography (HILIC) X reversed-phase liquid chromatography coupled to high-resolution mass spectrometry (RP-LC-UV-MS) analysis of anthocyanins and derived pigments in red wine. *Analytical Chemistry* 2015; **87**:12006-12015.
79. WILSON L, VAN WYK J, RASSIE C, ROSS N, SUNDAY C, MAKELANE HR, BILIBANA M, WARYO T, MAPOLIE SF, BAKER PGL, IWUOHA E. Electrochemical immunosensor based on the interactions between polypyrrole and cobalt (II) salicylaldimine dendrimer. *International Journal of Electrochemical Science* 2015; **10**:3207-3222.
80. WRIGHT TG, PASCH H. A simple route to deuterated polystyrene block copolymers by reverse iodine transfer polymerisation. *Polymer Chemistry* 2015; **6**:3236-3244.
81. WRIGHT TG, PFUKWA H, PASCH H. Advanced analytical methods for the structure elucidation of polystyrene-b-poly(n-butyl acrylate) block copolymers prepared by reverse iodine transfer polymerisation. *Analytica Chimica Acta* 2015; **892**:183-194.
82. WRIGHT TG, WEBER WG, PFUKWA H, PASCH H. Synthesis and characterization of four-arm star polystyrene based on a novel tetrafunctional RAFT agent. *Macromolecular Chemistry and Physics* 2015; **216**(14):1562-1572.
83. YADAV DB, TALELI L, VAN DER WESTHUYZEN A, FERNANDES MA, DRAGOUN M, PROKOP A, SCHMALZ H, DE KONING CB, VAN OTTERLO WAL. Synthesis of diverse 6-oxa-allocolchicinoids by a Suzuki-Miyaura coupling, acid-catalyzed intramolecular transacetalization strategy. *European Journal of Organic Chemistry* 2015; **23**:5167-5182.
84. ZHENG F, HUTTON AT, VAN SITTEERT CGCE, GERBER WJ, MAPOLIE SF. Cyclometallated platinum(II) complexes of benzyldiene-2,6-diisopropylphenylamine containing bidentate phosphines: synthesis, structural properties and reactivity studies. *Dalton Transactions* 2015; **44**:1969-1981.

Chapters in books

1. COSTANDIUS E, BLACKIE MAL, LEIBOWITZ BL, NELL IA, MALGAS RR, ROSOCHACKI SO, YOUNG G. Stumbling over the first hurdle? Exploring notions of critical citizenship at Stellenbosch University. In: Davies M, Barnett R (eds.) *The Palgrave Handbook of Critical Thinking in Higher Education*, Palgrave Macmillan, London, United Kingdom, 2015: 545-558.
2. HUSSAIN H, AL-HARRASIE A, GREEN IR, ABBAS G, AHMED I. Chapter 10: Recent advances in the chemistry and biology of natural dimeric quinones. In:

Rahman A (ed.) *Studies in Natural Products Chemistry*, Vol 46, Elsevier, Amsterdam, Netherlands, 2015: 447-517.

COMPUTER SCIENCE

Journal articles

1. ARDIS M, BUDGEN D, HISLOP GW, OFFRINGA G, SEBERN MJ, VISSER WC. SE 2014: Curriculum Guidelines for undergraduate degree programs in software engineering. *Computer* 2015; **2015**(11):106-109.
2. MINOARIVELO HO, HUI C. An introduction to phylogenetic analyses and modelling in ecology. *Computational Ecology and Software* 2015; **5**:328-339.
3. MORSE J, CORDEIRO L, NICOLE D, FISCHER B. Model checking LTL properties over ANSI-C programs with bounded traces. *Software and Systems Modeling* 2015; **14**:65-81.
4. ROHWER EJ, MINDA I, TAUSCHER GE, RICHTER C, MIURA H, SCHLETTWEIN D, SCHWOERER HPH. Ultrafast Charge-Transfer Reactions of Indoline Dyes with Anchoring Alkyl Chains of Varying Length in Mesoporous ZnO Solar Cells. *Chemphyschem* 2015; **16**:943-948.
5. ROSNER N, GELDENHUYS J, AGUIRRE N, VISSER WC, FRIAS MF. BLISS: Improved Symbolic Execution by Bounded Lazy initialization with SAT Support. *IEEE Software* 2015; **41**(7):639-660.

Proceedings international

1. BERGLUND M, VAN DER MERWE AB. On the Semantics of regular expression parsing in the wild. 20th International Conference on Implementation and Application of Automata, Umea, Sweden, Springer 2015: 292-304.
2. BIRCH G, FISCHER B, POPPLETON MR. Fast model-based fault localisation with test suites. In: Blanchette JC, Kosmatov N (eds.) 9th International Conference on Tests and Proofs (TAP 2015) (Lecture Notes in Computer Science), L'Aquila, Italy, Springer 2015: 38-57.
3. DREWES F, HOLZER M, JAKOBI S, VAN DER MERWE AB. Tight bounds for cut-operations on deterministic finite automata. 7th International Conference, Machines, Computations and Universality, Famagusta, Cyprus, Springer 2015: 45-60.
4. FILIERI A, FRIAS MF, PASAREANU CS, VISSER WC. Model counting for complex data structures. 22nd International Symposium, SPIN 2015 (Lecture Notes in Computer Science), Stellenbosch, South Africa, Springer 2015: 222-241.
5. GREENE GJ. A Generic Framework for Concept-Based Exploration of Semi-Structured Software Engineering Data. 30th IEEE/ACM International Conference on Automated Software Engineering, Lincoln, Nebraska, USA, IEEE 2015: 894-897.
6. GREENE GJ, FISCHER B. Interactive Tag Cloud Visualization of Software Version Control Repositories. *Software Visualization (VISSOFT)*, 2015 IEEE 3rd Working Conference, Bremen, Germany, IEEE 2015: 56-65.
7. INVERSO O, NGUYEN TL, FISCHER B, LA TORRE S, PARLATO G. Lazy-CSeq: A Context-Bounded Model Checking Tool for Multi-Threaded C-Programs. 30th IEEE/ACM International Conference on Automated Software Engineering, Lincoln, Nebraska, USA, Springer 2015: 807-812.

8. KRUGER RP, VAN ZIJL L. Virtual world accessibility with the perspective viewer. International Conference Enabling Access for Persons with Visual Impairment ICEAPVI, Athens, Greece, ICEAPVI 2015: 105-110.
9. NEL PJC, BOOYSEN MJ, VAN DER MERWE AB. Electric water heater energy consumption determination using Outlet temperature and volumetric estimation. In: Kellenberger P (ed.) 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 665-672.
10. NEL PJC, BOOYSEN MJ, VAN DER MERWE AB. Using thermal transients at the outlet of electrical water heaters to recognise consumption patterns for heating schedule optimisation. 7th International Conference on New Technologies, Mobility and Security, Paris, France, IEEE eXpress Conference Publishing 2015: 1-5.
11. NGUYEN TL, FISCHER B, LA TORRE S, PARLATO G. Unbounded Lazy-CSeq: A Lazy sequentialization tool for C programs with unbounded context switches. 21st International Conference, TACAS 2015, London, United Kingdom, Springer 2015: 461-463.
12. NIENABER S, BOOYSEN MJ, KROON RS. Detecting potholes using simple image processing techniques and real-world footage. South African Transport Conference (SATC 2015), Pretoria, South Africa, SATC 2015: 153-164.
13. NIENABER S, KROON RS, BOOYSEN MJ. A Comparison of Low-Cost Monocular Vision Techniques for Pothole Distance Estimation. In: Kellenberger P (ed.) 2015 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2015), Cape Town, South Africa, IEEE 2015: 419-426.
14. TOMASCO E, INVERSO O, FISCHER B, LA TORRE S, PARLATO G. MU-CSeq 0.3: Sequentialization by Read-Implicit and coarse-grained memory unwindings (Competition Contribution). 21st International Conference, TACAS 2015, London, United Kingdom, Springer 2015: 436-438.
15. TOMASCO E, INVERSO O, FISCHER B, LA TORRE S, PARLATO G. Verifying concurrent programs by memory unwinding. 21st International Conference, TACAS 2015, London, United Kingdom, Springer 2015: 551-565.
16. VAN DER MERWE H. Verification of Android Applications. 2015 IEEE/ACM 37th IEEE International Conference on Software Engineering (ICSE 2015), Florence, Italy, IEEE 2015: 931-934.
17. VAN DER MERWE H, TKACHUK O, NEL SEA, VAN DER MERWE AB, VISSER WC. Environment Modeling using Runtime Values for JPF-Android. JPF Workshop 2015, Lincoln, Nebraska, USA, ACM SIGSOFT Software Engineering Notes 2015: 1-5.
18. VAN DER MERWE H, TKACHUK O, VAN DER MERWE AB, VISSER WC. Generation of library Models for verification of android applications. In: Georgas J (ed.) ACM SIGSOFT Software Engineering Notes (JPF Workshop 2014), Utah, USA, ACM SIGSOFT Software Engineering Notes 2015: 1-5.

Proceedings national

1. BRAND DJ, KROON RS, VAN DER MERWE AB, CLEOPHAS LGWA. N-Gram Representations for comment filtering. In: BARNETT RJ, CLEOPHAS LGWA, KOURIE DG, LE ROUX DB, WATSON BW (eds.) Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-10.

2. DE VILLIERS HAC, VAN ZIJL L, NIESLER TR. High-level rapid prototyping of graphical models. Pattern Recognition Association of South Africa (PRASA) 2015, Port Elizabeth, South Africa, IEEE 2015: 130-135.
3. GOEBEL J, GROENEWALD GP, KRZESINSKI AES, MWALE M. Simulation Modelling of Bitcoin Blockchain Dynamics. Southern Africa Telecommunication Networks and Applications Conference (SATNAC), Kogelberg Biosphere Reserve, Hermanus, South Africa, SATNAC 2015: 201-206.
4. VAN ZIJL L. Clustering in 1D binary elementary cellular automata. Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), Stellenbosch, South Africa, ACM 2015: 1-7.

EARTH SCIENCES

Journal articles

1. ABBO A, AVIGAD D, GERDES A, GÜNGÖR T. Cadomian basement and Paleozoic to Triassic siliciclastics of the Taurides (Karacahisar dome, south-central Turkey): Paleogeographic constraints from U–Pb–Hf in zircons. *Lithos* 2015; **227**:122-139.
2. ALBERT R, ARENAS R, GERDES A, SANCHEZ MARTINEZ S, FERNANDES-SUAREZ J, FUENLABRADA J M. Provenance of the Variscan Upper Allochthon (Cabo Ortegal Complex, NW Iberian Massif). *Gondwana Research* 2015; **28**:1434-1448.
3. ALBERT R, ARENAS R, GERDES A, SANCHEZ MARTINEZ S, MARKO L. Provenance of the HP–HT subducted margin in the Variscan belt (Cabo Ortegal Complex, NW Iberian Massif). *Journal of Metamorphic Geology* 2015; **33**:959-979.
4. ASAAH AV, ZOHEIR B, LEHMANN B, FREI D, BURGESS R, SUH CE. Geochemistry and geochronology of the ~620 Ma gold-associated Batouri granitoids, Cameroon. *International Geology Review* 2015; **57**(11-12):1485-1509.
5. BIAL J, BÜTTNER SH, FREI D. Formation and emplacement of two contrasting types of late-Mesoproterozoic magmas in the central Namaqua Metamorphic Complex (South Africa): Evidence from geochemistry and geochronology. *Lithos* 2015; **224-225**:272-294.
6. BIGGS R, RHODE C, ARCHIBALD S, KUNENE LM, MUTANGA SS, NKUNA N, OCHOLLA PO, PHADIMA LJ. Strategies for managing complex social-ecological systems in the face of uncertainty: examples from South Africa and beyond. *Ecology and Society* 2015; **20**(1):52, 15 pages.
7. BOEKHOUT F, ROBERTS NMW, GERDES A, SCHALTEGGER U. A Hf-isotope perspective on continent formation in the south Peruvian Andes. *Geological Society, London, Special Publications* 2015; **389**:305-321.
8. CLEMENS JD. Magmatic life at low Reynolds number. *Geology* 2015; **43**:357.
9. CLEMENS JD, STEVENS G. Comment on 'Water-fluxed melting of the continental crust: A review' by RF Weinberg and P. Hasalova. *Lithos* 2015; **234-235**:100-101.
10. CORNELL DH, VAN SCHIJNDEL V, SIMONSEN SL, FREI D. Geochronology of Mesoproterozoic hybrid intrusions in the Konkiep Terrane, Namibia, from passive to active continental margin in the Namaqua-Natal Wilson Cycle. *Precambrian Research* 2015; **265**:166-188.

11. CUTTS K, STEVENS G, KISTERS AFM. Reply to “Paleo- to Meosoarchean polymetamorphism in the Barberton granite-greenstone belt, South Africa: Constraints from U-Pb monazite and Lu-Hf garnet geochronology on tectonic processes that shaped the belt: Discussion” by M. Brown. *Geological Society of America Bulletin* 2015; **127**(11/12):1558-1563.
12. DAS SK, ROUTH J, ROYCHOUDHURY AN. Biogeochemistry of shallow lake sediments: A case study from Verlorenvlei, South Africa. *Current Science* 2015; **109**(8):1486-1491.
13. DÖRR W, ZULAUF G, GERDES A, LAHAYE Y, KOWALCZYK G. A hidden Tonian basement in the eastern Mediterranean: Ageconstraints from U–Pb data of magmatic and detrital zircons of the External Hellenides (Crete and Peloponnesus). *Precambrian Research* 2015; **258**:83-108.
14. ERICKSON TM, PEARCE MA, TAYLOR RJM, TIMMS NE, CLARK C, REDDY SM, BUICK IS. Deformed monazite yields high-temperature tectonic ages. *Geology* 2015; **43**(5):383-386.
15. GEE DG, ANDRÉASSON P G, LORENZ H, FREI D, MAJKA J. Detrital zircon signatures of the Baltoscandia margin along the Arctic Circle in Sweden: The Sveconorwegian connection. *Precambrian Research* 2015; **265**:40-56.
16. GUMSLEY A., OLSSON JR, SÖDERLUND U, DE KOCK M, HOFMANN A, KLAUSEN MB. Precise U-Pb baddeleyite age dating of the Usushwana Complex, southern Africa – Implications for the Mesoarchean magmatic and sedimentological evolution of the Pongola Supergroup, KaapvaalCraton. *Precambrian Research* 2015; **267**:174-185.
17. HOFMANN M, LINNEMANN U, HOFFMANN K-H, GERMS G, GERDES A, MARKO L, ECKELMANN K, GÄRTNER A, KRAUSE R. The four Neoproterozoic glaciations of southern Namibia and their detrital zircon record: The fingerprints of four crustal growth events during two supercontinent cycles. *Precambrian Research* 2015; **259**:176-188.
18. HUGHES MJ, PHILLIPS N. Mineralogical domains within gold provinces. *Applied Earth Science (Trans. Inst. Min. Metall. B)* 2015; **124**(3):191-204.
19. KEY RM, COTTERILL FPD, MOORE AE. The Zambezi River: an archive of tectonic events linked to the amalgamation and disruption of Gondwana and subsequent evolution of the African Plate. *South African Journal of Geology* 2015; **118**(4):425-438.
20. KISTERS AFM, AGENBACH C, FREI D. Age and tectonic significance of the volcanic Bloubergstrand Member in the Pan-African Saldania Belt, South Africa. *South African Journal of Geology* 2015; **118**(3):213-224.
21. KNIES J, CABEDO-SANZ P, BELT ST, BARANWAL S, FIETZ S, ROSELL-MELÉ A. The emergence of modern sea ice cover in the Arctic Ocean. *Nature Communications* 2014; **5**:5608, 7 pages.
22. KOEGELENBERG C, KISTERS AFM, KRAMERS JD, FREI D. U-Pb detrital zircon and ³⁹Ar/⁴⁰Ar muscovite ages from the eastern parts of the Karagwe-Ankole Belt: Tracking Paleoproterozoic basin formation and Mesoproterozoic amalgamation along the western margin of the Tanzania Craton. *Precambrian Research* 2015; **269**:147-161.
23. LAM PJ, TWINING BS, JEANDEL C, ROYCHOUDHURY AN, RESING JA, SANTSCHI PH, ANDERSON RF. Methods for analyzing the composition and speciation of marine particles. *Progress in Oceanography* 2015; **133**:32-42.

24. LE ROUX SG, DU PLESSIS A, ROZENDAAL A. The quantitative analysis of tungsten ore using X-ray microCT: Case study. *Computers & Geosciences* 2015; **85**(Part A):75-80.
25. MILANI L, KINNAIRD J A, LEHMANN J, NAYDENOV K V, SAALMANN K, FREI D, GERDES A. Role of crustal contribution in the early stage of the Damara Orogen, Namibia: new constraints from combined U-Pb and Lu-Hf isotopes from the Goas Magmatic Complex. *Gondwana Research* 2015; **28**:961-986.
26. MILANI L, LEHMANN J, NAYDENOV K V, SAALMANN K, KINNAIRD JA, DALY JS, FREI D, LOBO-GUERRERO SANZ A. A-type magmatism in a syn-collisional setting: the case of the Pan-African Hook Batholith in Central Zambia. *Lithos* 2015; **216-217**:48-72.
27. NICOLI G, STEVENS G, MOYEN J-F, FREI D. Rapid evolution from sediment to anatexitic granulite in an Archean continental collision zone: the example of the Bandelierkop Formation metapelites, South Marginal Zone, Limpopo Belt, South Africa. *Journal of Metamorphic Geology* 2015; **33**:177-202.
28. PHILANDER C, ROZENDAAL A. Detrital zircon geochemistry and U-Pb geochronology as an indicator of provenance of the Namakwa Sands heavy mineral deposit, west coast of South Africa. *Sedimentary Geology* 2015; **328**:1-16.
29. PHILANDER C, ROZENDAAL A. Geology of the Cenozoic Namakwa Sands Heavy Mineral Deposit, West Coast of South Africa: A World-Class Resource of Titanium and Zircon. *Economic Geology* 2015; **110**(6):1577-1623.
30. PHILLIPS N. Can you teach gold discovery? *Australasian Institute Mining Metallurgy* 2014; **6**(57-58):60-61.
31. PHILLIPS N, POWELL R. Hydrothermal alteration in the Witwatersrand goldfields. *Ore Geology Reviews* 2015; **65**:245-273.
32. PHILLIPS N, POWELL R. A practical classification of gold deposits: with a theoretical basis. *Ore Geology Reviews* 2015; **65**:568-573.
33. SCHNEIDER S, HAMMERSCHMIDT K, ROSENBERG CL, GERDES A, FREI D, BERTRAND A. U-Pb ages of apatite in the western Tauern Window (Eastern Alps): Tracing the onset of collision-related exhumation in the European plate. *Earth and Planetary Science Letters* 2015; **418**:53-65.
34. STEVEN N, CREASER R, WULFF K, KISTERS AFM, EGLINGTON B, MILLER JA. Implications of high-precision Re-Os molybdenite dating of the Navachab orogenic gold deposit, Namibia. *Geochemistry-Exploration Environment Analysis* 2014; **15**(2-3):125-130.
35. VON DER HEYDEN BP, ROYCHOUDHURY AN. Application, Chemical Interaction and Fate of Iron Minerals in Polluted Sediment and Soils. *Current Pollution Reports* 2015; **1**(4):265-279.
36. VON DER HEYDEN BP, ROYCHOUDHURY AN. A review of colloidal iron partitioning and distribution in the open ocean. *Marine Chemistry* 2015; **177**(1):9-19.

Proceedings international

1. EILERS A, MILLER JA, SWANA KA, BOTHA R, TALMA S, NEWMAN RT, MURRAY R, VENGOSH A. Characterisation of radon concentrations in Karoo groundwater, South Africa, as a prelude to potential shale-gas development. In: Millot R, Négrel P (eds.) 11th Applied Isotope Geochemistry Conference, AIG-11, BRGM - Procedia Earth and Planetary Science, Orléans, France, Elsevier 2015: 269-272.

2. MILLER JA, SWANA KA, TALMA S, VENGOSH A., TREDoux G, MURRAY R, BUTLER M. O, H, CDIC, Sr, B and 14C isotope fingerprinting of deep groundwaters in the Karoo Basin, South Africa as a precursor to shale gas exploration. In: Millot R, Négrel P (eds.) 11th Applied Isotope Geochemistry Conference, AIG-11, BRGM - Procedia Earth and Planetary Science, Orléans, France, Elsevier 2015: 211-214.
3. RUDNICK T, ROZENDAAL A, EICKMANN B, STRAUSS H. Multiple-isotope analysis of barite: clues to the origin of the Swartberg base-metal sulphide deposit, South Africa. In: André-Mayer AS (ed.) Proceeding of the 13th Biennial SGA Meeting, Nancy, France, Society for Geology Applied to Mineral Deposits 2015: 2005-2010.
4. SWANA KA, MILLER JA, TALMA S, DARRAH T H, BUTLER M, FIFIELD K. Comparing the residence time of deep vs shallow groundwater in the Karoo Basin, South Africa using 3H, 14C, 36Cl and 4He isotopes. In: Millot R, Négrel P (eds.) 11th Applied Isotope Geochemistry Conference, AIG-11, BRGM - Procedia Earth and Planetary Science, Orléans, France, Elsevier 2015: 215-218.

MATHEMATICS

Journal articles

1. ANGUELOV R, BUTLER P, ROHWER CH, WILD MMW. Calculating the Output Distribution of Stack Filters that are Erosion-Dilation Cascades, in particular LULU-Filters. *Quaestiones Mathematicae* 2015; **38**:463-482.
2. AUDRITO A, TOMESCU AI, WAGNER S. Enumeration of the adjunctive hierarchy of hereditarily finite sets. *Journal of Logic and Computation* 2015; **25**:943-963.
3. BALASUBRAMANIAN R, LUCA F, RALAIVAOSAONA D. Arithmetic properties of the sum of the first n values of the Euler function. *Boletín de la Sociedad Matemática Mexicana* 2015; **21**:9-17.
4. BAMUNOBA AS. A Note on Lerch's Formulae for Euler Quotients. *Integers* 2015; **15**:1-14.
5. BLECHER A, BRENNAN C, KNOPFMACHER A, PRODINGER H. The Height and width of bargraphs. *Discrete Applied Mathematics* 2015; **180**:36-44.
6. BONYAH E, NYABADZA F. On the transmission dynamics of Buruli ulcer in Ghana: Insights through a mathematical model. *BMC Research Notes* 2015; **8**:1-15.
7. BOYERO L, PEARSON RG, SWAN CM, HUI C, ALBARINO RJ, ARUNACHALAM M, CALLISTO M, CHARA J, CHARA-SERNA AM, CHAUVET E, CORNEJO A, DUDGEON D, ENCALADA AC, FERREIRA V, GESSNER MO, GONCALVES JF, GRACA MAS, HELSON JE, MATHOOKO JM, MCKIE BG, MORETTI MS, YULE CM. Latitudinal gradient of nestedness and its potential drivers in stream detritivores. *Ecography* 2015; **38**:949-955.
8. CHENG X, SHI P, HUI C, WANG F, LIU G, LI B. An optimal proportion of mixing broad-leaved forest for enhancing the effective productivity of moso bamboo. *Ecology and Evolution* 2015; **5**(8):1576-1584.
9. CIGOLI AS, GRAY JRA, VAN DER LINDEN T. Algebraically coherent categories. *Theory and Applications of Categories* 2015; **30**(54):1864-1905.
10. CIGOLI AS, GRAY JRA, VAN DER LINDEN T. On the normality of Higgins commutators. *Journal of Pure and Applied Algebra* 2015; **219**:897-912.

11. EBENEZER B, NYABADZA F, KWESI AAS. Fractional Dynamics of Computer Virus Propagation. *Science Journal of Applied Mathematics and Statistics* 2015; **3**(3):63-69.
12. GAITHER J, LOUCHARD G, WAGNER S, WARD MD. Resolution of T. Ward's Question and the Israel-Finch Conjecture: Precise Analysis of an Integer Sequence Arising in Dynamics. *Combinatorics Probability & Computing* 2015; **24**(1):195-215.
13. GAO G, WANG X, HUI C, YI H, ZHANG C, WU X, BI X, WANG Y, XIAO L, WANG D. Assembly of plant communities in coastal wetlands - the role of saltcedar *Tamarix chinensis* during early succession. *Journal of Plant Ecology* 2015; **8**(5):539-548.
14. GRAY JRA. Normalizers, Centralizers and Action Accessibility. *Theory and Applications of Categories* 2015; **30**(12):410-432.
15. GRAY JRA, VAN DER LINDEN T. Peri-abelian categories and the universal central extension condition. *Journal of Pure and Applied Algebra* 2015; **219**:2506-2520.
16. HAN X, GAO G, HUI C. Pattern recognition and simulation in ecology. *Computational Ecology and Software* 2015; **5**:271-275.
17. HAN X, HUANG Y, HUI C. Spatial distributions of niche-constructing populations. *Computational Ecology and Software* 2015; **5**:286-298.
18. HEUBERGER C, KRENN D, WAGNER S. Canonical Trees, Compact Prefix-Free Codes, and sums of unit Fractions: A probabilistic Analysis. *SIAM Journal on Discrete Mathematics* 2015; **29**(3):1600-1653.
19. HEUBERGER C, KROPF S, PRODINGER H. Output sum of transducers: Limiting distribution and periodic fluctuation. *Electronic Journal of Combinatorics* 2015; **22**(2):1-53.
20. HEUBERGER C, KROPF S, WAGNER S. Variances and covariances in the Central Limit Theorem for the output of a transducer. *European Journal of Combinatorics* 2015; **49**:167-187.
21. HOWELL K. On Subspaces and Mappings of Near-Vector Spaces. *Communications in Algebra* 2015; **43**(6):2524-2540.
22. KILIC E, PRODINGER H. Formulae related to the q-Dixon formula with applications to Fibonomial sums. *Periodica Mathematica Hungarica* 2015; **70**:216-226.
23. KILIC E, PRODINGER H. Sums of Products of Generalized Fibonacci and Lucas Numbers. *Acta Mathematica Hungarica* 2015; **145**(1):17-25.
24. KRENN D, RALAIVAOSAONA D, WAGNER S. Multi-Base Representations of Integers: Asymptotic Enumeration and Central Limit Theorems. *Applicable Analysis and Discrete Mathematics* 2015; **9**:285-312.
25. LANDI P, HUI C, DIECKMANN U. Fisheries-induced disruptive selection. *Journal of Theoretical Biology* 2015; **365**:204-216.
26. LATOMBE G, HUI C, MCGEOCH MA. Beyond the continuum: a multidimensional phase space for neutral-niche community assembly. *Proceedings of the Royal Society B-Biological Sciences* 2015; **282**:1-10.
27. LAURIE DP, ROHWER CH, WAGNER S. The number of cones generated by a multiresolution analysis with a sequence of LULU operators. *Quaestiones Mathematicae* 2015; **38**(2):297-305.
28. LOUCHARD G, PRODINGER H. Approximate counting with m counters: A probabilistic analysis. *Journal of Algebra Combinatorics Discrete Structure and Applications* 2015; **2**(3):191-209.

29. MANSOUR T, SHATTUCK M, WAGNER S. Counting subwords in flattened partitions of sets. *Discrete Mathematics* 2015; **338**:1989-2005.
30. MARKI L, MEYER J, SZIGETI J, VAN WYK L. Matrix Representations of Finitely Generated Grassmann Algebras and some Consequences. *Israel Journal of Mathematics* 2015; **208**:373-384.
31. MINOARIVELO HO, HUI C. An introduction to phylogenetic analyses and modelling in ecology. *Computational Ecology and Software* 2015; **5**:328-339.
32. MOUTON S. Applications of the scarcity theorem in ordered Banach algebras. *Studia Mathematica* 2014; **225**:219-234.
33. MUSHANYU J, NYABADZA F, STEWART G. Modelling the trends of inpatient and outpatient rehabilitation for methamphetamine in the Western Cape province of South Africa. *Biomed Central* 2015; **8**:1-13.
34. NJAGARAH HJB, NYABADZA F. Modelling Optimal control of cholera in communities linked by migration. *Computational and Mathematical Methods in Medicine* 2015; **1**:12.
35. NOUTCHIE SCO, KWUIMY CAK, TEWA JJ, NYABADZA F, BILDIK M. Computational and Theoretical Analysis of Human Diseases Associated with Infectious Pathogens. *Biomed Research International* 2015; **2015**:2.
36. NUWAGABA S, HUI C. The architecture of antagonistic networks: Node degree distribution, compartmentalization and nestedness. *Computational Ecology and Software* 2015; **5**:317-327.
37. NUWAGABA S, ZHANG F, HUI C. A hybrid behavioural rule of adaptation and drift explains the emergent architecture of antagonistic networks. *Proceedings of the Royal Society B-Biological Sciences* 2015; **282**:1-8.
38. NYABADZA F, BEKELE BT, RUA MA, MALONZA DM, CHIDUKU N, KGOSIMORE M. The Implications of HIV Treatment on the HIV-Malaria Coinfection Dynamics: A Modeling Perspective. *Biomed Research International* 2015; **2015**:1-14.
39. OCHIAGA EO, HUI C. Forms and genesis of species abundance distributions. *Computational Ecology and Software* 2015; **5**:340-353.
40. OKOTH IO, WAGNER S. Locally Oriented noncrossing trees. *Electronic Journal of Combinatorics* 2015; **22**(3):1-15.
41. OLIVER K, PRODINGER H. Depth and Path Length of m-Plane Oriented Recursive Trees. *Journal for Algebra and Number Theory Academia* 2015; **5**(1):33-45.
42. OLIVER K, PRODINGER H. The inverse Filbert matrix. *Afrika Matematika* 2015; **26**:663-671.
43. PRODINGER H. Two Families of Series for the Generalized Golden Ratio. *The Fibonacci Quarterly* 2015; **53**:74-77.
44. PRODINGER H. The reciprocal super Catalan matrix. *Special Matrices* 2015; **3**:111-117.
45. PRODINGER H, WAGNER S. On Identities by Larcombe-Fennessey and Cassini. *The Fibonacci Quarterly* 2015; **53**(3):219-220.
46. PRODINGER H, WAGNER S. Bootstrapping and double-exponential limit laws. *Discrete Mathematics and Theoretical Computer Science* 2015; **17**(1):123-144.
47. RALAIVAOSAONA D, TAHA SMOH. On the average path length of a cycle plus random edges. *Electronic Notes in Discrete Mathematics* 2015; **50**:287-292.
48. RAMANANTOANINA A, HUI C. Modelling spread with context-based dispersal strategies. *Computational Ecology and Software* 2015; **5**:354-366.

49. REDDY GVP, SHI P, HUI C, CHENG X, OUYANG F, GE F. The seesaw effect of winter temperature change on the recruitment of cotton bollworms *Helicoverpa armigera* through mismatched phenology. *Ecology and Evolution* 2015; **5**(23):5652-5661.
50. ROUGET M, HUI C, RENTERIA J, RICHARDSON DM, WILSON JR. Plant invasions as a biogeographical assay: Vegetation biomes constrain the distribution of invasive alien species assemblages. *South African Journal of Botany* 2015; **101**:24-31.
51. SHI P, HUANG J, HUI C, GRISSINO-MAYER HD, TARDIF JC, ZHAI L, WANG F, LI B. Capturing spiral radial growth of conifers using the superellipse to model tree-ring geometric shape. *Frontiers in Plant Science* 2015; **6**:1-13.
52. SHINODA M, TEUFL E, WAGNER S. Uniform spanning trees on Sierpinski graphs. *ALEA-Latin American Journal of Probability and Mathematical Statistics* 2014; **11**(2):737-780.
53. SU M, HUI C, LIN Z. Effects of the transmissibility and virulence of pathogens on intraguild predation in fragmented landscapes. *Biosystems* 2015; **129**:44-49.
54. SZIGETI J, VAN WYK L. On Lie Nilpotent Rings and Cohen's Theorem. *Communications in Algebra* 2015; **43**:4783-4796.
55. WAGNER S. Central Limit Theorems for Additive Tree Parameters with Small Toll Functions. *Combinatorics Probability & Computing* 2015; **24**(1):329-353.
56. WANG L, HUI C, SANDHU HS, LI Z, ZHAO Z. Population dynamics and associated factors of cereal aphids and armyworms under global change. *Scientific Reports* 2015; **5**:1-8.
57. ZHAO Z, HUI C, HE D-H, LI B. Effects of agricultural intensification on ability of natural enemies to control aphids. *Scientific Reports* 2015; **5**:1-7.
58. ZHAO Z, HUI C, LI Z, LI B. Habitat heterogeneity stabilizes the spatial and temporal interactions between cereal aphids and parasitic wasps. *Basic and Applied Ecology* 2015; **16**:510-518.

Proceedings International

1. KRZESINSKI AES. Promoting Cooperation in Mobile Ad Hoc Networks. *International Telecommunication Networks and Applications Conference ITNAC 2015, Sydney, Australia, IEEE* 2015: 226-231.
2. RALAIVAOSAONA D, WAGNER S. Repeated fringe subtrees in random rooted trees. In: Sedgewick R, Ward MD (eds.) *2015 Proceedings of the Twelfth Workshop on Analytic Algorithmics and Combinatorics (ANALCO15), USA, Society for Industrial and Applied Mathematics (SIAM)* 2015: 78-88.
3. SHOWA SP, HOVE-MUSEKWA SD, NYABADZA F, MAGOMBEDZE G. Increasing drug efficacy or proper treatment adherence to curb emergence of HIV drug resistance strains. In: Nhachi CFB (ed.) *10th Zimbabwe International Research Symposium, Harare, Zimbabwe, Research Council of Zimbabwe* 2015: 819-831.

Proceedings National

1. GOEBEL J, GROENEWALD GP, KRZESINSKI AES, MWALE M. Simulation Modelling of Bitcoin Blockchain Dynamics. *Southern Africa Telecommunication Networks and Applications Conference (SATNAC), Kogelberg Biosphere Reserve, Hermanus, South Africa, SATNAC* 2015: 201-206.

Books

1. ORLOWSKA E, RADZIKOWSKA AM, REWITZKY IM. Dualities for Structures of Applied Logics. College Publications, United Kingdom 2015:381 pp.

Chapters in Books

1. HUI C. Carrying Capacity of the Environment. In: Wright JD (ed.) International Encyclopedia of the Social and Behavioral Sciences, Oxford, United Kingdom, 2015: 155-160.
2. HUI C, MINOARIVELO HO, NUWAGABA S, RAMANANTOANINA A. Adaptive diversification in coevolutionary systems. In: Pontarotti P (ed.) Evolutionary Biology: Biodiversification from Genotype to Phenotype, Springer, Berlin, Germany, 2015: 167-186.
3. PRODINGER H. Analytic Methods. In: Bona M (ed.) Handbook of Enumerative Combinatorics, CRC Press, Taylor & Francis Group, New York, 2015: 173-252.

MICROBIOLOGY**Journal articles**

1. AHIRE J, DICKS LMT. Nisin incorporated with 2,3-dihydroxybenzoic acid in nanofibers inhibits biofilm formation by a methicillin-resistant strain of *Staphylococcus aureus*. Probiotics and Antimicrobial Proteins 2015; **7**:52-59.
2. AHIRE J, NEVELING D, DICKS LMT. Co-spinning of silver nanoparticles with nisin increases the antimicrobial spectrum of PDLA: PEO nanofibers. Current Microbiology 2015; **71**:24-30.
3. AHIRE J, NEVELING D, HATTINGH M, DICKS LMT. Ciprofloxacin-eluting nanofibers inhibits biofilm formation by *Pseudomonas aeruginosa* and a methicillin-resistant *Staphylococcus aureus*. PLoS ONE 2015; **10**(4): e0123648, 13 pages.
4. ALLARDICE RP, KAPP C, BOTHA A, VALENTINE AJ. Optimizing Vermicompost Concentrations for the N Nutrition and Production of the Legume *Lupinus angustifolius*. Compost Science & Utilization 2015; **23**(4):217-236.
5. BANDA K, CALEB OJ, JACOBS K, OPARA UL. Effect of active-modified atmosphere packaging on the respiration rate and quality pomegranate arils (cv. Wonderful). Postharvest Biology and Technology 2015; **109**:97-105.
6. BELLAVANCE J, GASHTI MP, KROUKAMP O, WOLFAARDT GM, TAGHAVI SM, GREENER J. Live-streaming: evidence of novel streamer formation mechanism and time-varying viscosity from time lapse videos. Biomicrofluidics 2015; **9**:041101, 4 pages.
7. BEZUIDENHOUT J, DAMES NR, BOTHA A, FRONTASYEVA MV, GORYAINOVA Z, PAVLOV DF. TRACE ELEMENTS IN MEDITERRANEAN MUSSELS *Mytilus galloprovincialis* from the South African West Coast. Ecological Chemistry and Engineering S-Chemia I Inzynieria Ekologiczna 2015; **22**(3):10.
8. BEZUIDENHOUT MB, DIMITROV DM, VAN STADEN ADP, OOSTHUIZEN GA, DICKS LMT. Titanium-Based Hip Stems with Drug Delivery Functionality through Additive Manufacturing. Biomed Research International 2015; **2015**: Article ID 134093, 11 pages.

9. BEZUIDENHOUT MB, VAN STADEN ADP, OOSTHUIZEN GA, DIMITROV DM, DICKS LMT. Delivery of Antibiotics from Cementless Titanium-Alloy Cubes May Be a Novel Way to Control Postoperative Infections. *Biomed Research International* 2015; **2015**: Article ID 856859, 7 pages.
10. CASTRO M, DEANE SM, RUIZ L, RAWLINGS DE, GUILIANI N. Diguanylate Cyclase Null Mutant Reveals That C-Di-GMP Pathway Regulates the Motility and Adherence of the Extremophile Bacterium *Acidithiobacillus caldus*. *PLoS ONE* 2015; **10(2)**: e0116399, 23 pages.
11. CRIPWELL RA, FAVARO L, ROSE SH, BASAGLIA M, CAGNIN L, CASELLA S, VAN ZYL WH. Utilisation of wheat bran as a substrate for bioethanol production using recombinant cellulases and amyolytic yeast. *Applied Energy* 2015; **160**:610-617.
12. DE LIMA ALVES F, STEVENSON A, BAXTER E, GILLION JLM, HEJAZI F, HAYES S, MORRISON IEG, PRIOR BA, MCGENITY TJ, RANGEL DEN, MAGAN N, TIMMIS KN, HALLSWORTH JE. Concomitant osmotic and chaotropicity-induced stresses in *Aspergillus wentii*: compatible solutes determine the biotic window. *Current Genetics* 2015; **61(3)**:457-477.
13. DEN HAAN R, VAN RENSBURG E, ROSE SH, GORGENS JF, VAN ZYL WH. Progress and challenges in the engineering of non-cellulolytic microorganisms for consolidated bioprocessing. *Current Opinion in Biotechnology* 2015; **33**:32-38.
14. DICKS LMT, BOTHA M, LOOS B, SMITH C. Adhesion of *Lactobacillus reuteri* strain Lr1 to equine epithelial cells and competitive exclusion of *Clostridium difficile* from the gastro-intestinal tract of horses. *Annals of Microbiology* 2015; **65**:1087-1096.
15. DOBROWSKY PH, CARSTENS M, DE VILLIERS J, CLOETE TE, KHAN W. Efficiency of a closed-coupled solar pasteurization system in treating roof harvested rainwater. *Science of the Total Environment* 2015; **536**:206-214.
16. DOBROWSKY PH, LOMBARD M, CLOETE WJ, SAAYMAN M, CLOETE TE, CARSTENS M, KHAN S, KHAN W. Efficiency of Microfiltration Systems for the Removal of Bacterial and Viral Contaminants from Surface and Rainwater. *Water Air and Soil Pollution* 2015; **226(3)**: Article 33, 14 pages.
17. DUMITRACHE A, EBERL HJ, ALLEN G, WOLFAARDT GM. Mathematical modeling to validate on-line CO₂ measurements as a metric for cellulolytic biofilm activity in continuous-flow bioreactors. *Biochemical Engineering Journal* 2015; **101**:55-77.
18. ENDO A, TANIZAWA Y, TANAKA N, MAENO S, KUMAR H, SHIWA Y, OKADA S, YOSHIKAWA H, DICKS LMT, NAKAGAWA J, ARITA M. Comparative genomics of *Fructobacillus* spp. and *Leuconostoc* spp. reveals niche-specific evolution of *Fructobacillus* spp. *BMC Genomics* 2015; **16(1117)**: PMC4696137, 13 pages.
19. FAVARO L, VIKTOR MJ, ROSE SH, VILJOEN-BLOOM M, VAN ZYL WH, BASAGLIA M, CAGNIN L, CASELLA S. Consolidated bioprocessing of starchy substrates into ethanol by industrial *Saccharomyces cerevisiae* strains secreting fungal amylases. *Biotechnology and Bioengineering* 2015; **112(9)**:1751-1760.
20. HATTINGH M, ALEXANDER A, MEIJERING I, VAN REENEN CA, DICKS LMT. Amyolytic strains of *Lactobacillus plantarum* isolated from barley. *African Journal of Biotechnology* 2015; **14(4)**:310-318.
21. HECTOR SBE, WILLARD K, BAUER R, MULAKO I, SLABBERT E, KOSSMANN JM, GEORGE GM. Diverse Exopolysaccharide Producing Bacteria Isolated from

- Milled Sugarcane: Implications for Cane Spoilage and Sucrose Yield. *PLoS ONE* 2015; **10**(12): e0145487, 4 pages.
22. HUSSEIN ZH, CALEB OJ, JACOBS K, MANLEY M, OPARA UL. Effect of perforation-mediated modified atmosphere packaging and storage duration of physiocochemical properties and microbial quality of fresh minimally processed 'Acco' pomegranate arils. *LWT-Food Science and Technology* 2015; **64**:911-918.
 23. JACKSON LMD, KROUKAMP O, WOLFAARDT GM. Effect of carbon on whole-bio lm metabolic response to high doses of streptomycin. *Frontiers in Microbiology* 2015; **6**: Article 953, 14 pages.
 24. JACOBS K, POSTMA A. Gedeeltelike beskrywing van bakterieë in die SVK van *Halotia midae*, met die fokus op potensiële probiotika. *Litnet Akademies* 2015; **12**(2):455-475.
 25. KHAN N, LEROES-HILL M, WELZ P, GRANDIN KA, KUDANGA T, VAN DYK JS, OHLHOFF C, VAN ZYL WH, PLETSCHKE BI. Fruit waste streams in South Africa and their potential role in developing a bio-economy. *South African Journal of Science* 2015; **111**(5/6):1-11.
 26. LIU Z, INOKUMA K, HO SH, DEN HAAN R, HASUNUMA T, VAN ZYL WH, KONDO A. Combined cell-surface display- and secretion-based strategies for production of cellulosic ethanol with *Saccharomyces cerevisiae*. *Biotechnology for Biofuels* 2015; **8**:162, 12 pages.
 27. LYND LR, SOW MARIAM, CHIMPHANGO AFA, CORTEZ LAB, CRUZ CHB, ELMISSIRY M, LASER M, MAYAKI IA, MORAES MAFD, NOGUEIRA LAH, WOLFAARDT GM, WOODS J, VAN ZYL WH. Bioenergy and African transformation. *Biotechnology for Biofuels* 2015; **8**:1-18.
 28. MHLONGO SI, DEN HAAN R, VILJOEN-BLOOM M, VAN ZYL WH. Lignocellulosic Hydrolysate Inhibitors Selectively Inhibit/Deactivate Cellulase Performance. *Enzyme and Microbial Technology* 2015; **18**:16-22.
 29. MOUTON M, BOTHA A, THORNTON M, MESJASZ-PRZYBY OWICZ J, MESJASZ-PRZYBY OWICZ WJ. Elemental distribution patterns in the skins of false killer whales (*Pseudorca crassidens*) from a mass stranding in South Africa, analysed using micro-PIXE. *Nuclear Instruments & Methods in Physics Research Section B-Beam Interactions with Materials and Atoms* 2015; **363**:70-74.
 30. MOUTON M, PRZYBYLOWICZ W, MESJASZ-PRZYBYLOWICZ J, POSTMA F, THORNTON M, ARCHER E, BOTHA A. Linking the occurrence of cutaneous opportunistic fungal invaders with elemental concentrations in false killer whale (*Pseudorca crassidens*) skin. *Environmental Microbiology Reports* 2015; **7**(5):728-737.
 31. NDLOVU T, LE ROUX M, KHAN W, KHAN S. Co-Detection of Virulent *Escherichia coli* Genes in Surface Water Sources. *PLoS ONE* 2015; **10**(2): e0116808, 12 pages.
 32. ROETS C, ROSE SH, MULLER M, MANLEY M. Laboratory and commercial-scale evaluation of the effect of pure and commercial endoxylanases and endoglucanases on wheat flour bread quality. *Acta Alimentaria* 2015; **44**(2):276-288.
 33. SCHWARTZ I, KENYON C, FENG P, GOVENDER NP, DUKIK K, SIGLER L, JIANG Y, STIELOW JB, MUNOZ JF, CUOMO CA, BOTHA A, STCHIGEL AM, DE HOOG GS. 50 years of *Emmonsia* disease in humans: the dramatic emergence of a cluster of novel fungal pathogens. *PLoS Pathogens* 2015; **10**: e1005198, 8 pages.
 34. SOUSA AJ, DROPPA IG, LISS SN, WARREN L, WOLFAARDT GM. Influence of Wave Action on the Partitioning and Transport of Unattached and Floc-

- Associated Bacteria in Freshwater. *Canadian Journal of Microbiology* 2015; **61**:584-596.
35. TROLLOPE KM, GORGENS JF, VOLSCHENK H. Semirational Directed Evolution of Loop Regions in *Aspergillus japonicus* β -Fructofuranosidase for Improved Fructooligosaccharide Production. *Applied and Environmental Microbiology* 2015; **81**(20):7319-7329.
 36. TROLLOPE KM, VAN WYK N, KOTJOMELA MA, VOLSCHENK H. Sequence and structure-based prediction of fructosyltransferase activity for functional subclassification of fungal GH32 enzymes. *FEBS Journal* 2015; **4782**(96):1-15.
 37. TROLLOPE KM, VOLSCHENK H, GORGENS JF, BRO R, NIEUWOUDT HH. Direct, simultaneous quantification of fructooligosaccharides by FT-MIR ATR spectroscopy and chemometrics for rapid identification of superior, engineered β -fructofuranosidases. *Analytical and Bioanalytical Chemistry* 2015; **407**:1661-1671.
 38. VAN ZYL WF, DEANE SM, DICKS LMT. Reporter systems for in vivo tracking of lactic acid bacteria in animal model studies. *Gut Microbes* 2015; **6**(5):291-299.
 39. VAN ZYL WF, DEANE SM, DICKS LMT. Use of mCherry fluorescent protein to study intestinal colonization by *Enterococcus mundtii* ST4SA and *Lactobacillus plantarum* 423 in mice. *Applied and Environmental Microbiology* 2015; **81**(17):5993-6002.
 40. VISAGIE CM, HOUBRAKEN J, SEIFERT KA, SAMSON RA, JACOBS K. Four new *Penicillium* species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section Lanata-Divaricata. *Mycological Progress* 2015; **14**:96-119.
 41. VISAGIE CM, YILMAZ N, FRISVAD JC, HOUBRAKEN J, SEIFERT KA, SAMSON RA, JACOBS K. Five new *Talaromyces* species with ampulliform-like phialides and globose rough walled conidia resembling *T. verruculosus*. *Mycoscience* 2015; **56**:486-502.

Chapters in books

1. DICKS LMT, ENDO A. Family Lactobacillaceae: Genera other than *Lactobacillus*, *Pediococcus*, *Sharpeae* and *Paralactobacillus*. In: Rosenberg E, de Long EF, Thompson FM (eds.) *The Prokaryotes* 4th edition, Springer, New York, USA, 2015: 203-212.

PHYSICS

Journal articles

1. BASSA H, GOYAL SK, CHOUDHARY SK, UYS H, DIOSI L, KONRAD T. Process tomography via sequential measurements on a single quantum system. *Physical Review A* 2015; **92**(3):032102-6.
2. BOTHA L, DE CLERCQ LE, SMIT AM, BOTHA GN, RONANDER E, STRYDOM HJ. Quantum coherent control of the vibrational dynamics of a polyatomic molecule using adaptive feedback control of a femtosecond laser. *Pramana-Journal of Physics* 2014; **82**(2):249-253.
3. BOTHA RC, KOEN WS, ESSER MJD, BOLLIG C, COMBRINCK WL, VON BERGMANN HM, STRAUSS HJ. High average power Q-switched 1314 nm two-crystal Nd: YLF laser. *Optics Letters* 2015; **40**(4):495-497.

4. BURGER L, LITVIN I, NGCOBO S, FORBES A. Implementation of a spatial light modulator for intracavity beam shaping. *Journal of Optics* 2015; **17**:015604-7.
5. BURHEIM OS, CRYMBLE GA, BOCK R, HUSSAIN N, PASUPATHI S, DU PLESSIS A, LE ROUX SG, SELAND F, SU H, POLLET BG. Thermal conductivity in the three layered regions of micro porous layer coated porous transport layers for the PEM fuel cell. *International Journal of Hydrogen Energy* 2015; **40**:16775-16785.
6. DU PLESSIS A, LE ROUX SG, ELS J, BOOYSEN GJ, BLAINE DC. Application of microCT to the non-destructive testing of an additive manufactured titanium component. *Case studies in nondestructive testing and evaluation* 2015; **4**:1-7.
7. DU PLESSIS A, LE ROUX SG, STEYN FB. X-Ray Computed Tomography of Consumer-Grade 3D-Printed Parts. *3D printing and additive manufacturing* 2015; **2**(4):191-195.
8. DU PLESSIS A, LE ROUX SG, VAN ROOYEN H. 3D X-ray Inspection of a Radio Controlled Airplane Engine. *Materials Science Forum* 2015; **828-829**:433-438.
9. DU PLESSIS A, ROSSOUW P. X-ray computed tomography of a titanium aerospace investment casting. *Case Studies in Nondestructive Testing and Evaluation* 2015; **3**:21-26.
10. DU PLESSIS A, ROSSOUW P. Investigation of Porosity Changes in Cast Ti6Al4V Rods After Hot Isostatic Pressing. *Journal of Materials Engineering and Performance* 2015; **24**(8):3137-3141.
11. DU PLESSIS A, SLABBERT R, SWANEPOEL LC, ELS J, BOOYSEN GJ, IKRAM S, CORNELIUS I. Three-dimensional model of an ancient Egyptian falcon mummy skeleton. *Rapid Prototyping Journal* 2015; **21**(4):368-372.
12. DU TOIT EJ, WYNGAARDT SM, PEREZ SM. Cluster decay of ^{234}U and ^{232}Th by the emission of neon isotopes. *Journal of Physics G-Nuclear and Particle Physics* 2015; **42**:015103-8.
13. FOURIE H, NEWMAN RT, SLABBERT JP. Microdosimetry of the Auger electron emitting ^{123}I radionuclide using Geant4-DNA simulations. *Physics in Medicine and Biology* 2015; **60**:3333-3346.
14. GUELPA A, DU PLESSIS A, KIDD M, MANLEY M. Non-destructive Estimation of Maize (*Zea mays* L.) Kernel Hardness by Means of an X-ray Micro-computed Tomography (μCT) Density Calibration. *Food and Bioprocess Technology* 2015; **8**:1419-1429.
15. IKRAM S, SLABBERT R, CORNELIUS I, DU PLESSIS A, SWANEPOEL LC, WEBER H. Fatal force-feeding or Gluttonous Gagging? The death of Kestrel SACHM 2575. *Journal of Archaeological Science* 2015; **63**:72-77.
16. KHESWA BV, WIEDEKING M, GIACOPPO F, GORIELY S, GUTTORMSEN M, PAPKA P, ET AL. Galactic production of ^{138}La : Impact of $^{138,139}\text{La}$ statistical properties. *Physics Letters B* 2015; **744**:268-272.
17. LANDSCHOFF J, DU PLESSIS A, GRIFFITHS CL. A dataset describing brooding in three species of South African brittle stars, comprising seven high-resolution, micro X-ray computed tomography scans. *GigaScience* 2015; **4**(52):1-4.
18. LE ROUX SG, DU PLESSIS A, ROZENDAAL A. The quantitative analysis of tungsten ore using X-ray microCT: Case study. *Computers & Geosciences* 2015; **85**(Part A):75-80.
19. LIANG HZ, MENG J, ZHOU S-G. Hidden pseudospin and spin symmetries and their origins in atomic nuclei. *Physics Reports-Review Section of Physics Letters* 2015; **570**:1-84.

20. LITVIN I, BURGER L, FORBES A. Self-healing of Bessel-like beams with longitudinally dependent cone angles. *Journal of Optics* 2015; **17**:105614-6.
21. LU KQ, LI Z, LI ZP, YAO JM, MENG J. Global study of beyond-mean-field correlation energies in covariant energy density functional theory using a collective Hamiltonian method. *Physical Review C* 2015; **91**(2):027304-4.
22. MENG J, ZHOU SG. Halos in medium-heavy and heavy nuclei with covariant density functional theory in continuum. *Journal of Physics G-Nuclear and Particle Physics* 2015; **42**(9):093101-52.
23. ONGORI JN, LINDSAY R, NEWMAN RT, MALEKA PP. Determining the radon exhalation rate from a gold mine tailings dump by measuring the gamma radiation. *Journal of Environmental Radioactivity* 2015; **140**:16-24.
24. PAPKA P, KHESWA NY, MSIMANGA M, PINEDA-VARGAS CA, SOIC NS. Characterisation of natural and enriched oxygen targets in lithium carbonate foils. *Journal of Radioanalytical and Nuclear Chemistry* 2015; **305**:713-716.
25. PIETERSE CL, PAPKA P, PEROLD WJ. Polarization and corona discharge threshold field calculation of electro-spraying point-to-plane geometries. *Journal of Electrostatics* 2015; **75**:104-115.
26. REN X-L, GENG L-S, MENG J. Scalar strangeness content of the nucleon and baryon sigma terms. *Physical Review D* 2015; **91**(5):051502-7.
27. RODRIGUES D, HOJMAN D, LENZI SM, CARDONA MA, FARNEA E, PAPKA P, ET AL . High-spin states and band terminations in ^{49}V . *Physical Review C* 2015; **92**:024323-7.
28. ROHWER EJ, MINDA I, TAUSCHER GE, RICHTER C, MIURA H, SCHLETTWEIN D, SCHWOERER HPH. Ultrafast Charge-Transfer Reactions of Indoline Dyes with Anchoring Alkyl Chains of Varying Length in Mesoporous ZnO Solar Cells. *Chemphyschem* 2015; **16**:943-948.
29. SPANGENBERG D, NEETHLING PH, ROHWER EG, BRUGMANN MH, FEURER T. Time-domain ptychography. *Physical Review A* 2015; **91**(2):021803-4.
30. SPANGENBERG D, ROHWER EG, BRUGMANN MH, FEURER T. Ptychographic ultrafast pulse reconstruction. *Optics Letters* 2015; **40**(6):1002-1005.
31. SWARTZ JA, BROWN BA, PAPKA P, SMIT FD, NEVELING R, MIRA JP, NEMULODI F, ET AL. Spectroscopy of narrow, high-lying, low-spin states in ^{20}Ne . *Physical Review C* 2015; **91**:034317-7.
32. TRICHILI A, MHLANGA T, ISMAIL Y, ROUX FS, MCLAREN MG, ZGHAL M, FORBES A. Detection of Bessel beams with digital axicons. *Optics Express* 2014; **22**(14):17553-17560.
33. VAN ZYL JJ, COWLEY AA, NEVELING R, BUTHELEZI EZ, FÖRTSCH SV, MABIALA J, NEMULODI F, SWARTZ JA, ET AL. Incident-energy dependence of angular distributions of cross section and analyzing power for the $^{58}\text{Ni}(p,3\text{He})^{56}\text{Co}$ reaction between 80 and 120 MeV. *Physical Review C* 2015; **91**:024614-11.
34. XU C, LI XQ, MENG J, ZHANG SQ, HUA H, WYNGAARDT SM, PAPKA P, KAMBLAWE A, KHALEEL EAMA, NDAYISHIMYE J, ET AL. Spectroscopy of ^{76}Se : Prolate-to-oblate shape transition. *Physical Review C* 2015; **91**(6):061303-6.
35. YAO JM, SONG LS, HAGINO K, RING P, MENG J. Systematic study of nuclear matrix elements in neutrinoless double-beta decay with a beyond mean-field covariant density functional theory. *Physical Review C* 2015; **91**(2):024316-8.
36. ZHANG Y, MCLAREN MG, ROUX FS, FORBES A. Simulating quantum state engineering in spontaneous parametric down-conversion using classical light. *Optics Express* 2014; **22**(14):17039-17049.

37. ZHAO P-W, ITAGAKI N, MENG J. Rod-shaped Nuclei at Extreme Spin and Isospin. *Physical Review Letters* 2015; **115**(2):022501-6.
38. ZHAO P-W, ZHANG SQ, MENG J. Impact of pairing correlations on the orientation of the nuclear spin. *Physical Review C* 2015; **92**(3):034319-5.
39. ZONGO S, DHLAMINI MS, NEETHLING PH, YAO A, MAAZA M, ET AL. Synthesis, characterization and femtosecond nonlinear saturable absorption behavior of copper phthalocyanine nanocrystals doped-PMMA polymer thin films. *Optical Materials* 2015; **50**:138-143.

Proceedings international

1. BURGER L, LITVIN I, NGCOBO S, FORBES A. How to make a digital laser. In: Du Plessis M (ed.) *Proceedings of SPIE: Sensors, MEMS and Electro-Optical Systems*, Skukuza, Kruger National Park, South Africa, SPIE 2014: 925706-6.
2. BURGER L, LITVIN I, NGCOBO S, FORBES A. Intracavity beam shaping using an SLM. In: FORBES A, Lizotte TE (eds.) *Laser Beam Shaping XVI*, Proceedings of SPIE, San Diego, California, USA, SPIE 2015: 95810A-5.
3. DUDLEY A, LI Y, MHLANGA T, ESCUTI M, FORBES A. Generating and measuring nondiffracting vector Bessel beams. In: Andrews DL, Galvez EJ, Glückstad J (eds.) *Complex Light and Optical Forces VIII (Proceedings of SPIE)*, San Francisco, California, USA, SPIE 2014: 89990K-7.
4. DUDLEY A, MAFU M, GOYAL SK, GIOVANNINI D, MCLAREN MG, KONRAD T, PADGETT MJ, PETRUCCIONE F, LUTKENHAUS N, FORBES A. Encoding mutually unbiased bases in orbital angular momentum for quantum key distribution. In: Andrews DL, Galvez EJ, Glückstad J (eds.) *Complex Light and Optical Forces VIII (Proceedings of SPIE)*, San Francisco, California, USA, SPIE 2014: 89991I-9.
5. EILERS A, MILLER JA, SWANA KA, BOTHA R, TALMA S, NEWMAN RT, MURRAY R, VENGOSH A. Characterisation of radon concentrations in Karoo groundwater, South Africa, as a prelude to potential shale-gas development. In: Millot R, Négrel P (eds.) *11th Applied Isotope Geochemistry Conference, AIG-11, BRGM - Procedia Earth and Planetary Science*, Orléans, France, Elsevier 2015: 269-272.
6. FORBES A, NAIDOO D, NGCOBO S, LITVIN I, BURGER L. Tailoring light at the source: structured light from laser resonators. *Proceedings CLEO: 2015 (Conference on Lasers and Electro-Optics)*, San Jose, California, USA, OSA Publishing 2015: STu1L-2.
7. FORBES A, NGCOBO S, BURGER L, LITVIN I. The digital laser: on-demand laser modes with the click of a button. In: Kudryashov AV, Paxton AH, ET AL (eds.) *Laser Resonators, Microresonators, and Beam Control XVI (Proceedings of SPIE)*, San Francisco, California, USA, SPIE 2014: 89601K-5.
8. GEBRU AK, BRYDEGAARD M, ROHWER EG, NEETHLING PH. Applied kHz Optical Remote Sensing for Determination of Insect Flight Direction and Relative Size. *Proceedings Frontiers in Optics 2015 (Frontiers in Optics/Laser Science 2015)*, San Jose, California, USA, OSA Publishing 2015: JTU4A.54-2.
9. IBRAHIM AH, ROUX FS, GOYAL SK, MCLAREN MG, KONRAD T, FORBES A. The evolution of OAM entanglement between two qubits in turbulence. In: Andrews DL, Galvez EJ, Glückstad J (eds.) *Complex Light and Optical Forces VIII (Proceedings of SPIE)*, San Francisco, California, USA, SPIE 2014: 899919-7.
10. MCLAREN MG, MHLANGA T, PADGETT MJ, ROUX FS, FORBES A. Recovery of quantum-entanglement after encountering an obstruction. In: Andrews DL,

- Galvez EJ, Glückstad J (eds.) Complex Light and Optical Forces VIII (Proceedings of SPIE), San Francisco, California, USA, SPIE 2014: 899918-7.
11. NDEBEKA WI, NEETHLING PH, STEENKAMP CM, STAFASTH, ROHWER EG. Investigation of Free Charge Carrier Effects in Silicon Membranes. *Frontiers in Optics/Laser Science 2015*, San Jose, California, USA, OSA Publishing 2015: JTU4A.84-3.
 12. NGCOBO S, LITVIN I, BURGER L, FORBES A. Digital control of laser modes with an intra-cavity spatial light modulator. *Laser Resonators, Microresonators, and Beam Control XVI*, San Francisco, California, USA, SPIE 2014: 89601X-5.
 13. SPANGENBERG D, NEETHLING PH, ROHWER EG, BRUGMANN MH, FEURER T. A novel pulse characterization technique implemented using time domain ptychography. *2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference*, Munich, Germany, OSA Publishing 2015: CF_P_34-1.
 14. VAN DER VENDEL BIS, NEWMAN RT. The use of the iPads in a First-Year Introductory Physics Course. In: Souleles N (ed.) *iPads in Higher Education: Proceedings of the 1st International Conference on the use of iPads in Higher Education (ihe2014)*, Paphos, Cyprus, Cambridge Scholars Publishing 2015: 70-84.
 15. VON BERGMANN HM, MORTEL F. Continuously wavelength tunable high pressure CO₂ lasers. In: Tang C, Tang X (eds.) *XX International Symposium on High-Power Laser Systems and Applications 2014 (Proceedings of SPIE)*, Chengdu, China, SPIE 2015: 92551Y-8.
 16. VON BERGMANN HM, MORTEL F, STEHMANN T. High repetition rate solid-state switched CO₂ TEA laser employed in industrial ultrasonic testing of aircraft parts. In: Tang C, Tang X (eds.) *XX International Symposium on High-Power Laser Systems and Applications 2014 (Proceedings of SPIE)*, SPIE 2015: 92552U-6.
 17. WYNGAARDT SM, NEWMAN RT, LINDSAY R, BUFFLER A, DE MEIJER R, MALEKA PP, BEZUIDENHOUT J, NCHODU MR, VAN ROOY MW, NDLOVU NB. Towards the South African Underground Laboratory (SAUL). In: Avignone F, Haxton W (eds.) *13th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2013) - Physics Procedia*, United Kingdom, Elsevier 2015: 586-590.

Proceedings national

1. DU TOIT EJ. Cluster model analysis of exotic decay in actinide nuclei. In: Karataglidis S (ed.) *Proceedings of SAIP2014*, Johannesburg, South Africa, The South African Institute of Physics 2015: 185-191.
2. ZIMBA GL, BVUMBI S, MASITENG PL, JONES P, MAJOLA SNT, PAPKA P, ET AL. Octupole correlation and collective coupling in the rare earth nucleus ¹⁵⁴Dy. *Proceedings of SAIP2014*, South Africa, The South African Institute of Physics 2015: 281-284.

PHYSIOLOGICAL SCIENCE

Journal articles

1. ADAMS B, MAPANGA RF, ESSOP MF. Partial inhibition of the ubiquitin-proteasome system ameliorates cardiac dysfunction following ischemia-

- reperfusion in the presence of high glucose. *Cardiovascular Diabetology* 2015; **14**(94):1-15.
2. AFRICA LD, SMITH C. *Sutherlandia frutescens* may exacerbate HIV-associated neuroinflammation. *Journal of Negative Results in BioMedicine* 2015; **14**:1-9.
 3. AFRICA LD, SMITH C. Using a simulated blood-brain barrier to investigate potential modulators of HIV-1-associated neuro-inflammatory processes in vitro. *Journal of Research in Biology* 2015; **5**:5-20.
 4. BOYER F, VIDOT JB, DUBOURG AG, RONDEAU P, ESSOP MF, BOURDON E. Oxidative Stress and Adipocyte Biology: Focus on the Role of AGEs. *Oxidative Medicine and Cellular Longevity* 2015; **2015**:1-9.
 5. BROOKS NE, MYBURGH KH, STOREY KB. Muscle satellite cells increase during hibernation in ground squirrels. *Comparative Biochemistry and Physiology B-Biochemistry & Molecular Biology* 2015; **189**:55-61.
 6. DICKS LMT, BOTHA M, LOOS B, SMITH C. Adhesion of *Lactobacillus reuteri* strain Lr1 to equine epithelial cells and competitive exclusion of *Clostridium difficile* from the gastro-intestinal tract of horses. *Annals of Microbiology* 2015; **65**:1087-1096.
 7. GEORGE C, SMITH C, ISAACS AW, HUISAMEN B. Chronic *Prosopis Glandulosa* Treatment Blunts Neutrophil Infiltration and Enhances Muscle Repair after Contusion Injury. *Nutrients* 2015; **7**:815-830.
 8. GOETSCH KP, SNYMAN C, MYBURGH KH, NIESLER CU. Simultaneous isolation of enriched myoblasts and fibroblasts for migration analysis within a novel co-culture assay. *Biotechniques* 2015; **58**(1):25-32.
 9. GOVENDER Y, LOOS B, ENGELBRECHT AM. Melatonin: a protective role against doxorubicin-induced cardiotoxicity. *Future Oncology* 2015; **11**(14):2003-2006.
 10. HE J, QUINTANA MT, SULLIVAN J, PARRY TL, GREVENGOED T, SCHISLER JC, HILL JA, YATES CC, MAPANGA RF, ESSOP MF, STANSFIELD WE, BAIN JR, NEWGARD CB, MUEHLBAUER MJ, HAN Y, CLARKE BA, WILLIS MS. MuRF2 regulates PPAR γ 1 activity to protect against diabetic cardiomyopathy and enhance weight gain induced by a high fat diet. *Cardiovascular Diabetology* 2015; **14**(97):1-24.
 11. HELGELAND E, BREIVIK L, SISHI BJN, ENGELBRECHT AM, JONASSEN AK. Intermittent insulin treatment mimics ischemic postconditioning via MitoKAP1 channels, ROS, and RISK. *Scandinavian Cardiovascular Journal* 2015; **49**(5):270-279.
 12. HORSBURGH S, ROBSON-ANSLEY P, ADAMS RCM, SMITH C. Exercise and inflammation-related epigenetic modifications: focus on DNA methylation. *Exercise Immunology Review* 2015; **21**:26-41.
 13. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. A Nontoxic concentration of cisplatin induces Autophagy in cervical cancer. Selective cancer cell death with autophagy inhibition as an adjuvant treatment. *International Journal of Gynecological Cancer* 2015; **25**(3):380-388.
 14. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. Bcl-2 confers survival in cisplatin treated cervical cancer cells: circumventing cisplatin dose-dependent toxicity and resistance. *Journal of Translational Medicine* 2015; **13**(328):1-8.
 15. LEISCHING GR, LOOS B, BOTHA MHH, ENGELBRECHT AM. The role of mTOR during cisplatin treatment in an in vitro and ex vivo model of cervical cancer. *Toxicology* 2015; **335**:72-78.

16. LEISCHING GR, LOOS B, NELL TA, ENGELBRECHT AM. *Sutherlandia frutescens* treatment induces apoptosis and modulates the PI3-kinase pathway in colon cancer cells. *South African Journal of Botany* 2015; **100**:20-26.
17. MITCHELL MI, ENGELBRECHT AM. Circadian rhythms and breast cancer: The role of Per2 in doxorubicin-induced cell death. *Journal of Toxicology* 2015; **2015**:1-11.
18. MOUTON JM, LOOS B, MOOLMAN-SMOOK JC, KINNEAR CJ. Ascribing novel functions to the sarcomeric protein, myosin binding protein H (MyBPH) in cardiac sarcomere contraction. *Experimental Cell Research* 2015; **331**:338-351.
19. NELL TA, KRUGER MJ, BEUKES DC, CALITZ E, ESSOP R, ESSOP MF. Distinct gender differences in anthropometric profiles of a peri-urban South African HIV population: a cross sectional study. *BMC Infectious Diseases* 2015; **15**(85):1-10.
20. OPPERMAN C, SISHI BJN. Tumor necrosis factor alpha stimulates p62 accumulation and enhances proteasome activity independently of ROS. *Cell Biology and Toxicology* 2015; **31**:83-94.
21. QUINTANA MT, HE J, SULLIVAN J, GREVENGOED T, SCHISLER JC, HAN Y, HILL JA, YATES CC, STANSFIELD WE, MAPANGA RF, ESSOP MF, MUEHLBAUER MJ, NEWGARD CB, BAIN JR, WILLIS MS. Muscle ring finger-3 protects against diabetic cardiomyopathy induced by a high fat diet. *BMC Endocrine Disorders* 2015; **15**(36):1-18.
22. VAN DER MERWE C, DASHTI ZJS, CHRISTOFFELS A, LOOS B, BARDIEN-KRUGER S. Evidence for a common biological pathway linking three Parkinson's disease-causing genes: parkin, PINK1 and DJ-1. *European Journal of Neuroscience* 2015; **41**(9):1113-1125.
23. VAN NIEKERK G, DAVIS TA, ENGELBRECHT AM. Was the evolutionary road towards adaptive immunity paved with endothelium? *Biology Direct* 2015; **10**(47):1-7.
24. VAN NIEKERK G, ENGELBRECHT AM. Commentary on: "A common origin for immunity and digestion". *Frontiers in Microbiology* 2015; **6**: Article 531, 3 pages.
25. VAN NIEKERK G, ENGELBRECHT AM. On the evolutionary origin of the adaptive immune system - The adipocyte hypothesis. *Immunology Letters* 2015; **164**:81-87.

Chapters in books

1. LOOS B. Autophagic flux and cell death. In: Lockshin RA, Zakeri Z (eds.) *20 Years of Cell Death*, ICDS, New York, USA, 2015: 256-273.
2. SISHI BJN. Autophagy upregulation reduces doxorubicin-induced cardiotoxicity. In: Hayat MA (ed.) *Autophagy. Cancer, Other pathologies, inflammation, Immunity, Infection and Aging*, Volume 5, Elsevier, London, United Kingdom, 2015: 157-173.

CENTRAL ANALYTICAL FACILITY

Journal articles

1. BOTHA L, SINHA PP, DUVESKOG H, VAN REENEN AJ. The use of solid-state NMR to investigate the development of segmental mobility in commercial heterophasic ethylene propylene copolymers (HEPCs). *Macromolecular Reaction Engineering* 2015; **9**:313-324.

2. BURHEIM OS, CRYMBLE GA, BOCK R, HUSSAIN N, PASUPATHI S, DU PLESSIS A, LE ROUX SG, SELAND F, SU H, POLLET BG. Thermal conductivity in the three layered regions of micro porous layer coated porous transport layers for the PEM fuel cell. *International Journal of Hydrogen Energy* 2015; **40**:16775-16785.
3. DE BEER D, MALHERBE CJ, BEELDERS T, WILLENBURG EL, BRAND DJ, JOUBERT E. Isolation of aspalathin and nothofagin from rooibos (*Aspalathus linearis*) using high-performance countercurrent chromatography: Sample loading and compound stability considerations. *Journal of Chromatography A* 2015; **1381**:29-36.
4. DU PLESSIS A, LE ROUX SG, ELS J, BOOYSEN GJ, BLAINE DC. Application of microCT to the non-destructive testing of an additive manufactured titanium component. *Case Studies in Nondestructive Testing and Evaluation* 2015; **4**:1-7.
5. DU PLESSIS A, LE ROUX SG, STEYN FB. X-Ray Computed Tomography of Consumer-Grade 3D-Printed Parts. *3D Printing and Additive Manufacturing* 2015; **2**(4):191-195.
6. DU PLESSIS A, LE ROUX SG, VAN ROOYEN H. 3D X-ray Inspection of a Radio Controlled Airplane Engine. *Materials Science Forum* 2015; **828-829**:433-438.
7. ELHRARI WKS, DUVEKOG H, MALLON PE. Correlation between positron annihilation lifetime parameters and $T_{1\rho}$ relaxation times determined from solid state NMR at the compositional phase segregation point of graft copolymers. *Polymer* 2015; **77**:95-101.
8. HECTOR SBE, WILLARD K, BAUER R, MULAKO I, SLABBERT E, KOSSMANN JM, GEORGE GM. Diverse Exopolysaccharide Producing Bacteria Isolated from Milled Sugarcane: Implications for Cane Spoilage and Sucrose Yield. *PLoS ONE* 2015; **10**(12): e0145487, 4 pages.
9. LE ROUX SG, DU PLESSIS A, ROZENDAAL A. The quantitative analysis of tungsten ore using X-ray microCT: Case study. *Computers & Geosciences* 2015; **85**(Part A):75-80.

Proceedings international

1. CALEB OJ, AINDONGO WV, OPARA UL, MOKWENA LM. Effect of pre-treatment and modified atmosphere packaging on quality attributes and volatile composition of pomegranate arils ('Bhagwa'). In: Manganaris GA, Toivonen PM, Kalaitzis P (eds.) *V International Conference Postharvest Unlimited*, Lemesos, Cyprus, International Society for Horticultural Science 2015: 165-171.

INSTITUTE OF THEORETICAL PHYSICS

Journal articles

1. AZARI A, MULLER-NEDEBOCK KK. Entropic competition in polymeric systems under geometrical confinement. *EPL* 2015; **110**:68004-6.
2. BLANCKENBERG JP, WEIGEL H. Heavy baryons with strangeness in a soliton model. *Physics Letters B* 2015; **39**:230-236.
3. BRINK J, GEYER M, HINDERER T. Astrophysics of resonant orbits in the Kerr metric. *Physical Review D* 2015; **91**:083001-25.
4. BRINK J, GEYER M, HINDERER T. Orbital Resonances around Black Holes. *Physical Review Letters* 2015; **114**:081102-5.

5. CHETRITE R, TOUCHETTE H. Nonequilibrium Markov processes conditioned on large deviations. *Annales Henri Poincare* 2015; **16**:2005-2057.
6. CHETRITE R, TOUCHETTE H. Variational and optimal control representations of conditioned and driven processes. *Journal of Statistical Mechanics-Theory and Experiment* 2015; **December**: P12001, 42 pages.
7. DANG AK, TABI CB, EKOBENA FOUDA HP, KOFANE TC. Discrete charge patterns in a Holstein-SSH DNA lattice. *International Journal of Quantum Chemistry* 2015; **115**(1):34-41.
8. DE KOCK MB, EGGERS HC, TRAINOR TA. Optimal modeling of 1D azimuth correlations in the context of Bayesian inference. *Physical Review C* 2015; **92**(3):034908-22.
9. DEVI YC, PRAJAPAT S, MUKHOPADHYAY AK, CHAKRABORTY B, SCHOLTZ FG. Connes distance function on fuzzy sphere and the connection between geometry and statistics. *Journal of Mathematical Physics* 2015; **56**:041707-25.
10. DIAZ-MENDEZ R, MEZZACAPO F, CINTI F, LECHNER W, PUPILLO G. Monodisperse cluster crystals: Classical and quantum dynamics. *Physical Review E* 2015; **92**:052307-7.
11. HEISS WD. Green's Functions at Exceptional Points. *International Journal of Theoretical Physics* 2015; **54**:3954-3959.
12. HEISS WD, WUNNER G. Resonance scattering at third-order exceptional points. *Journal of Physics A-Mathematical and Theoretical* 2015; **48**:345203-8.
13. KASTNER M. Entanglement-enhanced spreading of correlations. *New Journal of Physics* 2015; **17**:123024-15 pages.
14. KASTNER M, VAN DEN WORM M. Relaxation timescales and prethermalization in d-dimensional long-range quantum spin models. *Physica Scripta* 2015; **T165**:014039, 5 pages.
15. KRIEL JN, VAN ZYL HJR, SCHOLTZ FG. Duality constructions from quantum state manifolds. *Journal of High Energy Physics* 2015; **11**:140-25.
16. LECHNER W, CINTI F, PUPILLO G. Tunable defect interactions and supersolidity in dipolar quantum gases on a lattice potential. *Physical Review A* 2015; **92**(5):053625-9.
17. MEYLAHN JM, SABHAPANDIT S, TOUCHETTE H. Large deviations for Markov processes with resetting. *Physical Review E* 2015; **92**(6):062148-7.
18. ROHWER CM, ANGELETTI FJL, TOUCHETTE H. Convergence of large-deviation estimators. *Physical Review E* 2015; **92**:052104-12.
19. ROHWER CM, MULLER-NEDEBOCK KK. Operator formalism for topology-conserving crossing dynamics in planar knot diagrams. *Journal of Statistical Physics* 2015; **159**(1):120-157.
20. SCHOLTZ FG, KRIEL JN, GROENEWALD HW. Thermodynamics of Fermi gases in three dimensional fuzzy space. *Physical Review D* 2015; **92**(12):125013-16.
21. SCHWARZ L, CARTARIUS H, WUNNER G, HEISS WD, MAIN J. Fano resonances in scattering: an alternative perspective. *European Physical Journal D* 2015; **69**(196):196-199.
22. STORCH D-M, VAN DEN WORM M, KASTNER M. Interplay of soundcone and supersonic propagation in lattice models with power law interactions. *New Journal of Physics* 2015; **17**:063021-14.
23. TABI CB, DANG AK, EKOBENA FOUDA HP, KOFANE TC. Discrete Polaron Solutions for Charge Transport in Helicoidal DNA Molecules. *Quantum Matter* 2015; **4**(6):1-8.

24. TOUCHETTE H. Equivalence and Nonequivalence of Ensembles: Thermodynamic, Macrostate, and Measure Levels. *Journal of Statistical Physics* 2015; **159**:987-1016.
25. WEIGEL H, QUANDT M, GRAHAM N. Quantum Stabilization of Cosmic Strings. *Modern Physics Letters A* 2015; **A30**(27): 1530022, 18 pages.

Proceedings international

1. WEIGEL H, BLANCKENBERG JP. Heavy baryons with strangeness in soliton models. In: Dubnička S, Dubničková AZ, Bartoš E (eds.) *International Journal of Modern Physics: Conference Series (The 9th Joint International Hadron Structure '15 Conference)*, London, United Kingdom, World Scientific 2015: 1560088-1 - 1560088 -7.

Proceedings national

1. WEIGEL H. Vacuum energies and frequency dependent interactions. In: Engelbrecht C, Karataglidis S (eds.) *Proceedings of SAIP2014*, Johannesburg, South Africa, SAIP 2014: 643-648.

SACEMA (SA CENTRE FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS)

Journal articles

1. BEAUCLAIR RN, HENS N, DELVA W. Concurrent partnerships in Cape Town, South Africa: race and sex differences in prevalence and duration of overlap. *Journal of the International AIDS Society* 2015; **18**(1):1-9.
2. BROOK CE, BEAUCLAIR RN, NGWENYA O, WORDEN L, NDEFFO-MBAH M, LIETMAN TM, SATPATHY SK, GALVANI AP, PORCO TC. Spatial heterogeneity in projected leprosy trends in India. *Parasites & Vectors* 2015; **8**(1):1-11.
3. CHAMPREDON D, BELLAN SE, DELVA W, HUNT S, SHI C, SMIEJA M, DUSHOFF J. The effect of sexually transmitted co-infections on HIV viral load amongst individuals on antiretroviral therapy: a systematic review and meta-analysis. *BMC Infectious Diseases* 2015; **15**(1):249, 11 pages.
4. CHILDS LM, ABUELEZAM NN, DYE C, GUPTA S, MURRAY MB, WILLIAMS BG, BUCKEE CO. Modelling challenges in context: Lessons from malaria, HIV, and tuberculosis. *Epidemics* 2015; **10**:102-107.
5. DUONG YT, KASSANJEE R, WELTE A, MORGAN M, DE A, DOBBS T, ROTTINGHAUS E, NKENGASONG J, CURLIN ME, KITTINUNVORAKOON C, RAENGSAKULRACH B, MARTIN M, CHOOPANYA K, VANICHSENI S, JIANG Y, QIU M, YU H, HAO Y, SHAH N, LE L, KIM AA, NGUYEN TA, AMPOFO W, PAREKH BS. Recalibration of the Limiting Antigen Avidity EIA to Determine Mean Duration of Recent Infection in Divergent HIV-1 Subtypes. *PLoS ONE* 2015; **10**(2): e0114947, 15pages.
6. HARGROVE J, ACKLEY SF. Mortality estimates from ovarian age distributions of the tsetse fly *Glossina pallidipes* Austen sampled in Zimbabwe suggest the need for new analytical approaches. *Bulletin of Entomological Research* 2015; **105**(3):294-304.

7. HARGROVE J, MUZARI MO. Nutritional levels of pregnant and postpartum tsetse *Glossina pallidipes* Austen captured in artificial warthog burrows in the Zambezi Valley of Zimbabwe. *Physiological Entomology* 2015; **40**(2):138-148.
8. HARGROVE J, MUZARI MO. Artificial Warthog Burrows Used to Sample Adult and Immature Tsetse (*Glossina* spp) in the Zambezi Valley of Zimbabwe. *PloS Neglected Tropical Diseases* 2015; **9**(3): e0003565 19 pages.
9. HUGHES GD, ABOYADE OM, BEAUCLAIR RN, MBAMALU ON, PUOANE TR. Characterizing Herbal Medicine use for Noncommunicable Diseases in Urban South Africa. *Evidence-based Complementary and Alternative Medicine* 2015; **2015**:1-10.
10. KAVANAGH MM, COHN J, MABOTE L, MEIER BM, WILLIAMS BG, RUSSELL A, SIKWESE K, BAKER BK. Evolving Human Rights and the Science of Antiretroviral Medicine. *Health and Human Rights* 2015; **17**(1):76-90.
11. KHARSANY ABM, CAWOOD C, KHANYILE D, GROBLER A, MCKINNON LR, SAMSUNDER N, FROHLICH JA, KARIM QA, PUREN A, WELTE A, GEORGE G, GOVENDER K, TOLEDO C, CHIPETA Z, ZEMBE L, GLENSHAW MT, MADURAI L, DEYDE VM, BERE A. Strengthening HIV surveillance in the antiretroviral therapy era: rationale and design of a longitudinal study to monitor HIV prevalence and incidence in the uMgungundlovu District, KwaZulu-Natal, South Africa. *BMC Public Health* 2015; **15**:1-11.
12. LAWRIE D, PAYNE HA, NIEUWOUDT MJ, GLENCROSS DK. Observed full blood count and lymphocyte subset values in a cohort of clinically healthy South African children from a semi-informal settlement in Cape Town. *SAMJ South African Medical Journal* 2015; **105**(7):589-595.
13. LONGOSZ AF, MORRISON CS, CHEN P, BRAND H, ARTS E, NANKYA I, SALATA RA, QUINN TC, ESHLEMAN SH, LAEYENDECKER O. Comparison of Antibody Responses to HIV Infection in Ugandan Women Infected with HIV Subtypes A and D. *Aids Research and Human Retroviruses* 2015; **31**(4):421-427.
14. NYABADZA F, BEKELE BT, RUA MA, MALONZA DM, CHIDUKU N, KGOSIMORE M. The Implications of HIV Treatment on the HIV-Malaria Coinfection Dynamics: A Modeling Perspective. *Biomed Research International* 2015; **2015**:1-14.
15. OBAID HA, OUIFKI R, PATIDAR KC. Analysis of an HIV model with distributed delay and behavior change. *International Journal of Biomathematics* 2015; **8**(2):1-23.
16. TIRADOS I, ESTERHUIZEN J, KOVACIC V, MANGWIRO TNC, VALE GA, HASTINGS I, SOLANO P, LEHANE MJ, TORR SJ. Tsetse Control and Gambian Sleeping Sickness; Implications for Control Strategy. *PloS Neglected Tropical Diseases* 2015; **9**(8):1-22.
17. TORR SJ, VALE GA. Know your foe: lessons from the analysis of tsetse fly behaviour. *Trends in Parasitology* 2015; **31**(3):95-99.
18. UYS PW, BRAND H, WARREN RM, VAN DER SPUY GD, VAN HELDEN EG, VAN HELDEN PD. The risk of tuberculosis reinfection soon after cure of a first disease episode is extremely high in a hyperendemic community. *PLoS ONE* 2015; **10**(12):1-4.
19. VALE GA, HARGROVE J, CHAMISA A, GRANT IF, TORR SJ. Pyrethroid Treatment of Cattle for Tsetse Control: Reducing Its Impact on Dung Fauna. *PloS Neglected Tropical Diseases* 2015; **9**(2):1-11.

20. VALE GA, HARGROVE J, CULLIS NA, CHAMISA A, TORR SJ. Efficacy of Electrocuting Devices to Catch Tsetse Flies (Glossinidae) and Other Diptera. *PloS Neglected Tropical Diseases* 2015; **9**(10):1-18.
21. VALE GA, HARGROVE J, LEHANE MJ, SOLANO P, TORR SJ. Optimal Strategies for Controlling Riverine Tsetse Flies Using Targets: A Modelling Study. *PloS Neglected Tropical Diseases* 2015; **9**(3):1-20.
22. VALE GA, TORR SJ. Surveillance and sampling of disease vectors. *Revue Scientifique et Technique-Office International des Epizooties* 2015; **34**(1):227-233.
23. WILLIAMS BG, GOUWS E, SOMSE P, MMELESI M, LWAMBA C, CHIKOKO T, FAZITO E, TURAY M, KIWANGO E, CHIKUKWA P, DAMISONI H, GBOUN M. Epidemiological Trends for HIV in Southern Africa: Implications for Reaching the Elimination Targets. *Current HIV/AIDS Reports* 2015; **12**(2):196-206.

FACULTY OF THEOLOGY

OLD AND NEW TESTAMENT

Journal articles

1. ADAMO D. The burning bush: An ecological sin? An African reading of Exodus 3:1-3. *Theologia Viatorum: Journal of Theology and Religion in Africa* 2015; **39**(1):1-29.
2. ADAMO D. Semiotic Interpretation of Selected Psalms Inscriptions (23, 35, 121) on Motor Vehicles in Nigeria. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**:13 pages.
3. BOSMAN HL. Ants, Spiders or Bees ... and Ticks? A Typology of Old Testament Scholarship in South Africa since 1994 within Its African Context. *Old Testament Essays (New Series)* 2015; **28**(3):636-654.
4. BREYTENBACH JC. Bousset's Kyrios Christos: Imperfections of a Benchmark. *Early Christianity* 2015; **6**(1):5-16.
5. BREYTENBACH JC. Lights from the Ancient near East. Illumination of exterior and interior space in the New Testament. *Svensk Teologisk Kvartalskrift* 2015; **91**:101-108.
6. BREYTENBACH JC. 'Metaphorical' Redefinition of Church Space through LXX Texts on Christian monuments from Asia Minor. *Deuterocanonical and Cognate Literature Yearbook* 2015; **2014/2015**:471-485.
7. BREYTENBACH JC. Fundamental rights and religion: The space between Cathedral and Parliament. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. # 2989, 5 pages.
8. CEZULA NS. Reading the Bible in African Context: Assessing Africa's Love Affair with Prosperity Gospel. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):131-153.
9. CLAASSENS LJM. Rethinking Humour in the Book of Jonah: Tragic Laughter as Resistance in the Context of Trauma. *Old Testament Essays (New Series)* 2015; **28**(3):655-673.
10. CLAASSENS LJM. Reading for the Dignity of All: Overcoming the troubling legacy of the Old Testament. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):155-174.
11. CLAASSENS LJM. Tragic Laughter: Laughter as Resistance in the Book of Job. *Interpretation-A Journal of Bible and Theology* 2015; **69**(2):143-155.
12. CLAASSENS LJM. Memories of Midwives. *Journal of Biblical Literature* 2015; **134**(4):877-881.
13. DU TOIT PLG. Paul's reference to the "keeping of the commandments of God" in 1 Corinthians 7:19. *Neotestamentica: Journal of the New Testament Society of South Africa (NTSSA)* 2015; **49**(1):21-45.
14. DU TOIT PLG. The Hermeneutical Dilemma behind 'Anti-Judaism' in the New Testament: An Evangelical Perspective. *Conspectus (The Journal of the South African Theological Seminary)* 2015; **20**:43-88.

15. DU TOIT PLG. Envisioning a Celestial Millennium: Implications for Perceiving the Middle East Conflict. *South African Baptist Journal of Theology* 2015; **24**:116-133.
16. ELLIS E. Reconsidering the Fear of God in Job 37:14-24 and Qohelet 3:1-17 in the Light of Rudolf Otto's *Das Heilige*. *Old Testament Essays (New Series)* 2015; **28**(1):53-69.
17. JONKER LC. From Pentateuch to Chronicles. What does the End (Chronicles) of the Hebrew Bible Canon Imply for the Understanding of its Beginning (Pentateuch)? *Biblische Zeitschrift* 2015; **59**(1):39-53.
18. MCKAY N. Apartheid Resistance and Biblical Interpretation: From Christian Confession to Materialist Analysis. *Politics and Religion* 2015; **8**(2):358-378.
19. MICHAEL M. Jürgen Moltmann and the Theology of the Cross in the Johannine Priestly Prayer. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**:1-12.
20. MICHAEL M. The Art of Persuasion and the Book of Ruth: Literary Devices in the Persuasive Speeches of Ruth 1:6-18. *Hebrew Studies* 2015; **56**:145-162.
21. MICHAEL M. Anger Management and Biblical Characters: A Study of "Angry Exchange" among Characters of Hebrew Narrative. *Old Testament Essays (New Series)* 2015; **28**(2):451-480.
22. MICHAEL M. Secret talk and Eavesdropping Scenes: Its Literary Effect and Significance in Biblical Narrative. *Vetus Testamentum* 2015; **65**(1):91-113.
23. NEL MJ. The renouncement of possessions according to Matthew 19:16-30. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. # 2928, 8 pages.
24. NEL MJ. Interpersoonlike vergifnes in Matteus 18:15-35. In *Die Skriflig* 2015; **49**(2): Art. # 1935, 8 pages.
25. NEL MJ. The motive of forgiveness in the Gospel according to Matthew. In *Die Skriflig* 2015; **49**(1): Art. #1917, 9 pages.
26. OLOJEDE FO. "... What of the Night?" Theology of Night in the Book of Job and the Psalter. *Old Testament Essays (New Series)* 2015; **28**(3):724-737.
27. PUNT J. Teaching Mark through a postcolonial optic. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. #2970, 9 pages.
28. SCHOLTZ JJ. Reading Matthew 13 as a prophetic discourse: The four parables presented in public. In *Die Skriflig* 2015; **49**(1): Art. # 1870, 7 pages.
29. SCHOLTZ JJ. Behold the glory of the King: The chiasmic structures of Matthew 21-25. In *Die Skriflig* 2015; **49**(1): Art. #1856, 8 pages.
30. SCHOLTZ JJ. Reading Matthew 13 as a prophetic discourse: The four parables presented in private. In *Die Skriflig* 2015; **49**(1): Art. # 1887, 7 pages.
31. SCHOLTZ JJ. Matthew 13 and the feasts of the Lord. In *Die Skriflig* 2015; **49**(1): Art. #1900, 8 pages.
32. SEGOVIA FF. Criticism in Critical Times: Reflections on Vision and Task. *Journal of Biblical Literature* 2015; **134**(1):6-29.
33. SMIT GH. Investigating John 13-17 as a missional narrative. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(1):255-271.
34. SMIT GH. Pastoral ministry in a missional age: Towards a practical theological understanding of missional pastoral care. *Verbum et Ecclesia (Skrif en Kerk)* 2015; **36**(1): Art. # 1382, 8 pages.
35. SMIT GH. Living in Three Worlds: A Relational Hermeneutic for the Development of a Contextual Practical Theological Approach towards a

- Missional Ecclesiology. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**:1-15.
36. SPOELSTRA JJ. The BəTŪLĀ Loophole: Mary's Journey in Light of Deuteronomy 22. *Neotestamentica: Journal of the New Testament Society of South Africa (NTSSA)* 2015; **49**(1):125-144.
 37. SPOELSTRA JJ. Hebrew תּוֹלָדָה: A Kompositions-und Redaktionsgeschichte. *Journal for Semitics/Tydskrif vir Semitistiek* 2014; **23**(2i):484-499.
 38. SPOELSTRA JJ. Surviving the Agagites: A Postcolonial Reading of Esther 8-9. *Old Testament Essays (New Series)* 2015; **28**(1):168-181.
 39. VAN HENTEN JW. Josephus, fifth evangelist, and Jesus on the Temple. *HTS Teologiese Studies-Theological Studies* 2015; **71**(1): Art. #2944, 11 pages.
 40. WILSON MW. Barnabas, or Saul: Who is describing Saul's Conversion in Act 9:27? *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**:1-6.

Proceedings international

1. BREYTENBACH JC. Die Briefe des Paulus: Kreuzpunkt griechisch-römischer Traditionen. In: BREYTENBACH JC (ed.) *Paul's Graeco-Roman Context (62 Colloquium Biblicum Lovaniense)*, Leuven, Belgium, Peeters 2015: 3-28.

Books

1. PUNT J. *Postcolonial biblical interpretation (Reframing Paul)*. BRILL, Leiden, Netherlands 2015:400 pp.

Chapters in books

1. BOSMAN HL. The Hebrew Bible / Old Testament Studies in Africa. In: Sæbø M (ed.) *Hebrew Bible / Old Testament: The History of Its Interpretation III/2: The Twentieth Century*, Vandenhoeck & Ruprecht, Göttingen, Germany, 2015: 253-268.
2. BREYTENBACH JC. Crossing Boundaries in New Testament Studies: Abraham J. Malherbe and European Scholarship. In: Nel M, Van der Watt JG, Van Rensburg FJ (eds.) *The New Testament in the Graeco-Roman World: Articles in Honour of Abe Malherbe*, LITVerlag, Zürich, Switzerland, 2015: 35-44.
3. CEZULA NS. De-Ideologizing Ezra-Nehemia: Challenging Discriminatory Ideologies. In: CLAASSENS LJM, Birch BC (eds.) *Restorative Readings: The Old Testament, Ethics, and Human Dignity*, Pickwick Publications, USA, 2015: 117-138.
4. CLAASSENS LJM. Violence, Mourning, Politics: Rizpah's Lament in Conversation with Judith Butler. In: CLAASSENS LJM, Birch BC (eds.) *Restorative Readings: The Old Testament, Ethics, and Human Dignity*, Pickwick Publications, Eugene, Oregon, USA, 2015: 19-36.
5. CLAASSENS LJM. Introduction. In: CLAASSENS LJM, Birch BC (eds.) *Restorative Readings: The Old Testament, Ethics, and Human Dignity*, Pickwick Publications, Eugene, Oregon, USA, 2015: xix-xxv.
6. GILMOUR GH. Iconism and Aniconism in the Period of the Monarchy (Was There and Image of the Deity in the Jerusalem Temple?). In: Ewence HE, Spurling H (eds.) *Visualizing Jews through the Ages: Literary and Material Representations of Jewishness and Judaism*, Routledge, New York, USA, 2015: 91-103.

7. GILMOUR GH. A Late Iron Age Cult Stand from Gezer. In: Spencer JR, Mullins RA, Brody AJ (eds.) *Material Culture Matters: Essays on the Archaeology of the Southern Levant in Honor of Seymour Gitin*, Eisenbrauns, Winona Lake, Indiana, USA, 2014: 81-93.
8. HOLTER K. Am I My Brother's Keeper? Justice and Transformation in a Malagasy-Norwegian Dialogue (Genesis 4). In: De Wit H, Dyk JW (eds.) *Bible and Transformation: The Promise of Intercultural Bible Reading*, SBL Press, Atlanta, USA, 2015: 355-368.
9. JONKER LC. Who's Speaking? On Whose Behalf? The Book of Haggai from the Perspective of Identity Formation in the Persian Period. In: Wilson ID, Edelman DV (eds.) *History, Memory, Hebrew Scriptura: A Festschrift for Ehud Ben Zvi*, Eisenbrauns, Winona Lake, Indiana, USA, 2015: 197-214.
10. JONKER LC. Agrarian Economy through City-Elites' Eyes: Reflections of Late Persian Period Yehud Economy in the Genealogies of Chronicles. In: Miller ML, Ben Zvi E, Knoppers GN (eds.) *The Economy of Ancients Judah in Its Historical Context*, Eisenbrauns, Winona Lake, Indiana, USA, 2015: 77-101.
11. JONKER LC. "The Ark of the Covenant of the Lord": The Place of Covenant in the Chronicler's Theology. In: Bautch J, Knoppers GN (eds.) *Covenant in the Persian Period: From Genesis to Chronicles*, Eisenbrauns, Winona Lake, Indiana, USA, 2015: 409-429.
12. JONKER LC. Of Writers and Readers: Facilitating the Intercultural Encounter between (Ancient) Texts and (Contemporary) Readers. In: Schipani DS, Brinkman ME, Snoek J (eds.) *New Perspectives on Intercultural Reading of the Bible*, Dom Hélder Camara Chair, Elkhart, Indiana, USA, 2015: 239-255.
13. JONKER LC. On becoming a Family in South Africa: Intercultural Bible Reading as a Transformative Power in Society (Luke 11:1-13). In: De Wit H, Dyk JW (eds.) *Bible and Transformation: The Promise of Intercultural Bible Reading*, SBL Press, USA, 2015: 387-413.
14. MWANIKI L, MOUTON AEJ. From patriarchy to participatory freedom: The transformative potential of the Ephesians household code in view of changing gender roles in Kenyan families. In: Mouton AEJ, Kapuma GA, Hansen LD, Togom T (eds.) *Living with Dignity: African Perspectives on Gender Equality*, SUN PRESS, Stellenbosch, South Africa, 2015: 343-375.
15. PUNT J. Discerning Empire in Biblical Studies: Tools of the Trade. In: Nel M, Van der Watt JG, Van Rensburg FJ (eds.) *The New Testament in the Graeco-Roman World: Articles in Honour of Abe Malherbe*, LITVerlag, Zürich, Switzerland, 2015: 197-225.
16. SEGOVIA FF. Intercultural Bible Reading as Transformation for Liberation: Intercultural Hermeneutics and Biblical Studies. In: De Wit H, Dyk JW (eds.) *Bible and Transformation: The Promise of Intercultural Bible Reading*, SBL Press, Atlanta, USA, 2015: 19-51.
17. SEGOVIA FF. Intercultural bible Reading and Liberation: In the Steps of Dom Hélder Câmara. In: Schipani DS, Brinkman ME, Snoek J (eds.) *New Perspectives on Intercultural Reading of the Bible*, Dom Hélder Camara Chair, Elkhart, Indiana, USA, 2015: 7-37.
18. VAN DER WALT C. Power Games: Using Foucault to Shed Light on Power Dynamics of Intercultural Bible Study Groups: Discussion of a Qualitative Research Project. In: Schipani DS, Brinkman ME, Snoek J (eds.) *New Perspectives on Intercultural Reading of the Bible*, Dom Hélder Camara Chair, Elkhart, Indiana, USA, 2015: 217-238.

19. VAN DER WALT C. "It's the Price I Guess for the Lies I've Told that the Truth It No Longer Thrills Me..." Reading Queer Lies to Reveal Straight Truth in Genesis 38. In: Claassens LJM, Birch BC (eds.) *Restorative Readings: The Old Testament, Ethics, and Human Dignity*, Pickwick Publications, Eugene, Oregon, USA, 2015: 57-75.
20. VAN DER WALT C, BARKER K. Making the Circle Safer: Intercultural Bible Reading in the Context of Sexual Violence (A Dialogue within South Africa). In: De Wit H, Dyk JW (eds.) *Bible and Transformation: The Promise of Intercultural Bible Reading*, SBL Press, Atlanta, USA, 2015: 215-239.
21. VAN ZYL DC. Toward Transformation: Factors in Transformative Reading. In: De Wit H, Dyk JW (eds.) *Bible and Transformation: The Promise of Intercultural Bible Reading*, SBL Press, Atlanta, USA, 2015: 117-129.
22. ZULU E. Masks and the men behind them: Unmasking culturally-sanctioned gender inequality. In: Mouton AEJ, Kapuma GA, Hansen LD, Togom T (eds.) *Living with Dignity: African Perspectives on Gender Equality*, SUN PRESS, Stellenbosch, South Africa, 2015: 81-95.

PRACTICAL THEOLOGY AND MISSIOLOGY

Journal articles

1. BOWERS - DU TOIT NF, FORSTER DA. Activating moral imagination: Exposed 2013 as a fourth generation faith-based campaign? *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(1):19-40.
2. CHIROMA NH. Ministry to Youth in the culture violence in Northern Nigeria. *UMCATC Journal of Theological Studies* 2015; **11**:177-192.
3. CHIROMA NH. The role of the Mosaic covenant in its historical context and its relevance for today. *African Journal of Humanities* 2015; **2**(1):210-223.
4. CHIROMA NH. Potential of mentoring in theological seminaries. *KAIROS - Evangelical Journal of Theology* 2015; **IX** (2):201-220.
5. CHIROMA NH. The role of mentoring in adolescents' spiritual formation. *Journal of Youth and Theology* 2015; **14**:72-90.
6. CHIROMA NH. The menace of Boko Haram and the violation of young people's dignity in Northern Nigeria. *South African Baptist Journal of Theology* 2015; **24**:77-93.
7. CHIROMA NH, CLOETE AL. Mentoring as a supportive pedagogy in theological training. *HTS Teologiese Studies-Theological Studies* 2015; **71**(3): Art. #2695, 8 pages.
8. CILLIERS JH. Glaube zwischen Spiel und Ziel. *Göttinger Predigtmeditationen* 2015; **1**(70):112-118.
9. CILLIERS JH. Where have all the prophets gone? Perspectives on political preaching. *NGTT: Ned Geref Teologiese Tydskrif* 2015; **1**(2):367-383.
10. CILLIERS JH. God in granite? Aesthetic-theological perspectives on the monumentalisation of religion. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**(1):1-13.
11. CILLIERS JH. Between separation and celebration: Perspectives on the ethical-political preaching of Desmond Tutu. *NGTT: Ned Geref Teologiese Tydskrif* 2015; **1**(1):41-56.

12. CILLIERS JH, NORD I. Die kunst, öffentliche konflikte inszenatorisch aufzugreifen: Erkundungsgänge zur politischen Predigt. Deutsches Pfarrerblatt 2015; 1(1):4-8.
13. CLOETE AL. Living in a digital culture: The need for theological reflection. HTS Teologiese Studies-Theological Studies 2015; 71(2): Art. # 2073, 7 pages.
14. CLOETE AL. Youth unemployment in South Africa. A theological reflection through the lens of human dignity. Missionalia: Journal of the Southern African Missiological Society 2015; 43(3):513-525.
15. CLOETE AL. Creative tensions in youth ministry in a congregational context. HTS Teologiese Studies-Theological Studies 2015; 71(2): Art. # 2107, 7 pages.
16. COUNTED AV. Understanding God images and God concepts: Towards a pastoral hermeneutics of the God attachment experience. Verbum et Ecclesia (Skrif en Kerk) 2015; 36(1): Art. #1389, 14 pages.
17. EURICH J. Love as the core of the diaconal dimension of the church. HTS Teologiese Studies-Theological Studies 2015; 71(2): Art. #2778, 6 pages.
18. GRAB W. Kultur-Religion- Entwicklung. Die Bedeutung des Verstehens von Religion als Factor von Kultur für die Entwicklungszusammenarbeit. Entwicklungsethnologie 2015; 21:164-182.
19. HENDRIKS HJ. Who do you want: Barabbas or Jesus? Power and empowerment in theological education. Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(2):427-446.
20. LOUW DJ. Poetic seeing in visual arts and theology. Aesthetics as a spiritual and loving gaze within the human quest for meaning. Koers: Bulletin for Christian Scholarship 2015; 80(1): Art. # 2207, 13 pages.
21. LOUW DJ. On facing the God-question in a pastoral theology of compassion: From imperialistic Omni-categories to theopaschitic pathos-categories. In Die Skriflig 2015; 49(1): Art. # 1996, 15 pages.
22. LOUW DJ. Compassion fatigue: Spiritual exhaustion and the cost of caring in the pastoral ministry. Towards a 'pastoral diagnosis' in caregiving. HTS Teologiese Studies-Theological Studies 2015; 71(2): Art. # 3032, 10 pages.
23. LOUW DJ. Identity and dignity within the human rights discourse: An anthropological and praxis approach. Verbum et Ecclesia (Skrif en Kerk) 2014; 35(2): Art. # 876, 9 pages.
24. NELL IA. Learning, changing and doing - critical citizenship through ecumenical exposure. NGTT: Ned Geref Teologiese Tydskrif 2015; 1(2):531-549.
25. NELL IA. Women on leadership? Perspectives from postgraduate theology students through the lenses of social identity. Acta Theologica 2015; 35(1):115-133.
26. NELL IA. Blended learning: Innovation in the teaching of practical theology to undergraduate students from diverse African backgrounds. Online Journal of African Affairs 2015; 4(2):26-32.
27. NELL IA. 'Preaching from the pews'. A case study in vulnerable theological leadership. Verbum et Ecclesia (Skrif en Kerk) 2015; 36(1): Art. # 1376, 9 pages.
28. NELL IA. The end of leadership? The shift of power in local congregations. HTS Teologiese Studies-Theological Studies 2015; 71(3): Art. # 2934, 8 pages.
29. NELL IA. Transforming congregational culture: Suburban leadership perspectives within a circuit of the DRC. Scriptura: International Journal of Bible, Religion and Theology in Southern Africa 2015; 114(1):1-18.
30. NELL IA. Building missional leadership and spiritual formation. Missionalia: Journal of the Southern African Missiological Society 2015; 43(1):82-104.

31. NORD I, CILLIERS JH. Über die Kunst, Konflikte inzenarisch aufzugreifen. Eine deutsch-südafrikanische Spurensuche anlässlich des 20. Jahrestages freier wahlen in Südafrika. *Informationes Theologiae Europae* 2015; **18**:83-108.
32. SAUER C. Zwölf Thesen zum Verhältnis von Martyrium und Mission aus missionstheologischer Perspektive. *Deutsches Pfarrerblatt* 2015; **1**(1):14-18.
33. SAUER C. Todesstrafe für glaubenswechsel? Aktuelle Herausforderungen im Umgang mit Diskriminierung und Verfolgung religiöser Minderheiten. *Deutsches Pfarrerblatt* 2015; **1**(1):1-10.
34. VAN DER WESTHUIZEN MA, GREUEL T, THESNAAR CH. In search of a theoretical framework towards intercultural awareness and tolerance. *Scriptura: International Journal of Bible, Religion and Theology in Southern Africa* 2015; **114**(1):1-16.
35. VAN DER WESTHUIZEN MA. Relapse prevention for chemically addicted adolescents in recovery: So which model works? *Journal of Evidence-Informed Social work* 2015; **12**(4):400-411.
36. VAN DER WESTHUIZEN MA, SWART I. The struggle against poverty, unemployment and social injustice in present -day South Africa: Exploring the involvement of the Dutch Reformed Church at congregational. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):731-759.
37. VAN NIEKERK PI. God en armoede in die Karoo - 'n Besinning oor 'n teologie van transformasie. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(1):321-343.
38. WEBER SM. A (South) African voice on youth ministry research: Powerful or powerless? *HTS Teologiese Studies-Theological Studies* 2015; **71**(2): Art. # 2973, 6 pages.

Proceedings international

1. GRAB W. Wagners empirische Wende. Die Hinwendung zur soziokulturellen Lebenswelt der Christlichen Religion – und die Praktische Theologie In: Danz C, Murrmann-Kahl M (eds.) *Spekulative Theologie und gelebte Religion*. Falk Wagner und die Diskurse der Moderne, Tübingen, Germany, Mohr Siebeck 2015: 149-162.
2. LANGERMAN PD. The tower of Babel and the shaping of South Africa. In: COERTZEN P, Green M C, HANSEN LD (eds.) *Law and Religion in Africa. The Quest for the Common Good in Pluralistic Societies*, Stellenbosch, South Africa, Sun Media 2015: 63-74.
3. SAUER C, VISSCHER F, PETRI D P. Understanding dimensions of religious freedom and persecution dynamics in sub-Saharan Africa. In: COERTZEN P, Green M C, HANSEN LD (eds.) *Law and Religion in Africa. The Quest for the Common Good in Pluralistic Societies*, Stellenbosch, South Africa, Sun Media 2015: 347-368.

Books

1. CAMPBELL CA, CILLIERS JH. *Was die Welt zum Narren hält*. Evangelische Verlagsanstalt, Leipzig, Germany 2015:255 pp.
2. LOUW DJ. *Wholeness in hope care. On Nurturing the beauty of the human soul in spiritual healing*. Lit Verlag, Zürich, Switzerland 2015:609 pp.

Chapters in books

1. CILLIERS JH. Ubuntu, Ubunye, Amandla Afrikanische Perspektiven. In: Meyer P, Oxen K (eds.) Predigen lehren: Methoden für die homiletische Aus- und Weiterbildung, Evangelische verlagsanstalt, Leipzig, Germany, 2015: 314-324.
2. CILLIERS JH. Streiten, Staunen, Sehnen, Spielen. In: Schwier H (ed.) Ethische und politische Predigt, Evangelische Verlagsanstalt, Leipzig, Germany, 2015: 42-60.
3. CILLIERS JH. The dignity of disability. In: Nord I (ed.) Inklusion im Studium Evangelische Theologie, Evangelische Verlagsanstalt, Leipzig, Germany, 2015: 84-96.
4. CILLIERS JH. The role of reconciliation in the search for identity in post-Apartheid South Africa. In: Couture P, Mager R, McCarroll P R, Wigg-Stevenson N (eds.) Complex identities in a shifting world. Practical Theological Perspectives, Lit Verlag, Zurich, Germany, 2015: 231-241.
5. CILLIERS JH. The role of the Eucharist in human dignity: A South African story. In: Grab W, Charbonnier L (eds.) Religion and human rights. Global Challenges from Intercultural Perspectives, De Gruyter, Berlin, Germany, 2015: 201-220.
6. CLOETE AL. Educational technologies: Exploring the ambiguous effect on the training of ministers. In: Naidoo M (ed.) Contested Issues in Training Ministers in South Africa, Sun Media, Stellenbosch, South Africa, 2015: 143-155.
7. COSTANDIUS E, BLACKIE MAL, LEIBOWITZ BL, NELL IA, MALGAS RR, ROSOCHACKI SO, YOUNG G. Stumbling over the first hurdle? Exploring notions of critical citizenship at Stellenbosch University. In: Davies M, Barnett R (eds.) The Palgrave Handbook of Critical Thinking in Higher Education, Palgrave Macmillan, London, United Kingdom, 2015: 545-558.
8. EURICH J. Diakonie als kirchlicher Ort in der Gesellschaft. In: Kunz R, Schlag T (eds.) Handbuch für Kirchen- und Gemeindeentwicklung, Neukirchener verlagsgesellschaft, Neukirchen-Vluyn, Germany, 2014: 261-268.
9. GRAB W. Ökumene in der Sicht liberaler Theologie. In: Flogaus R, Wasmuth J (eds.) Orthodoxie im Dialog: Historische und Aktuelle Perspektiven, De Gruyter, Berlin, Germany, 2015: 445-460.
10. GRAB W. Der mündige Christ und das Dogma. In: Lindemann A, Rausch R, Spehr C (eds.) Toleranz und Wahrheit. Philosophische, theologische und juristische Perspektiven, Lutherisches Verlaghaus, Hannover, Germany, 2014: 141-155.
11. GRAB W. Kirche als Ort der religion. In: Kunz R, Schlag T (eds.) Handbuch für Kirchen- und Gemeindeentwicklung, Neukirchener Verlagsgesellschaft, Neukirchen-Vluyn, Germany, 2015: 189-197.
12. GRAB W. Kirchentheorie: Praktisch-theologische Perspektiven auf die Kirche. In: Weyel B, Bubmann P (eds.) Kirchentheorie: Praktisch-Theologische Perspektiven auf die Kirche, Evangelische Verlagsanstalt, Leipzig, Germany, 2014: 267-275.
13. GRAB W. The "universal declaration of human rights": A confessional basis of a universal religion? In: Grab W, Charbonnier L (eds.) Religion and human rights. Global Challenges from Intercultural Perspectives, De Gruyter, Berlin, Germany, 2015: 39-52.
14. GRAB W. Göttliche Rechtfertigung – ein lebensdienlicher Akt humaner Selbstdeutung. Die Funktion der Dogmatik in der Praxis religiöser Kommunikation. In: Barth R, Kubik A, Von Scheliha A (eds.) Erleben und Deuten: Dogmatische Reflexionen im Anschluss an Ulrich Barth. Festschrift zum 70. Geburtstag, Mohr Siebeck, Tübingen, Germany, 2015: 305-324.

15. GRAB W. Schleiermachers Theorie religiöser Erfahrung und die Aufgabe der Theologie als Religionhermeneutik. In: Schmidt S, Karydas D, Zovko J (eds.) *Begriff und Interpretation im Zeichen der Moderne*, De Gruyter, Berlin, Germany, 2015: 173-186.
16. GRAB W. Religion "ist nicht anders möglich als in einer unendlichen Menge verschiedener Formen". Schleiermacher und die Vielfalt der Formen des Religiösen. In: Hermanni F, Nonnenmacher B, Schick F (eds.) *Religion und Religionen im Deutschen Idealismus*, Mohr Siebeck, Tübingen, Germany, 2015: 65-84.
17. GRAB W, CHARBONNIER L. Die Individualität der ästheischen Erfahrung und die religion. In: Grab W, Charbonnier L (eds.) *Wer lebt mich? Die Praxis der Individualität zwischen Fremd-und Selbstbestimmung*, Berlin University Press, Berlin, Germany, 2015: 278-297.
18. LOUW DJ. Cura Animarum, cura terrae and eco-spirituality: Towards an Aesthetics of humality in an Eschatological approach to land, nature and environment. In: Federschmidt K, Louw DJ (eds.) *Intercultural and interreligious Pastoral caregiving*, Herstellung und Verlag, Norderstedt, Germany, 2015: 117-140.
19. LOUW DJ. Homo aestheticus within the framework of Inhabitational theology. In: Grab W, Charbonnier L (eds.) *Religion and Human Rights. Global Challenges from Intercultural Perspectives*, De Gruyter, Berlin, Germany, 2015: 87-129.
20. NELL IA, GROBLER RP. A movement seeking appropriate forms of Christian gathering and worship other than through congregational structures. In: Conradie E M, Pillay MN (eds.) *Ecclesial Reform and Movement in the South African Context*, Sun Media, Stellenbosch, South Africa, 2015: 95-116.
21. NELL IA, NELL E. Transforming identities in African faith communities and leadership: One continent, many stories. In: Couture P, Mager R, McCarroll P R, Wigg-Stevenson N (eds.) *Complex identities in a shifting world. Practical Theological Perspectives*, Lit Verlag, Zurich, Germany, 2015: 31-41.
22. SAUER C. Christian solidarity in the face of discrimination and persecution. In: Gravaas HA, SAUER C, Engelsviken T, Kamil M, Jorgensen K (eds.) *Freedom of Belief & Christian Mission*, Regnum Books International, Oxford, United Kingdom, 2015: 452-464.
23. SAUER C, HANDAYANI DM. A doxological framework for interpreting discrimination, persecution and martyrdom. In: Gravaas HA, SAUER C, Engelsviken T, Kamil M, Jorgenson K (eds.) *Freedom of Belief & Christian Mission*, Regnum Books International, Oxford, United Kingdom, 2015: 47-57.
24. THESNAAR CH, JOUBERT J. Die rol van die Kerk in die hantering van gemarginaliseerde jongmense met risikogedrag. In: Nel M, van der Westhuizen Z (eds.) *Skokkend Positief*, Bybelkor, Wellington, South Africa, 2015: 115-131.
25. WEBER SM. Nadenke oor jeugkultuur in middelklas-kerke. In: Nel M, van der Westhuizen Z (eds.) *Skokkend Positief*, Bybelkor, Wellington, South Africa, 2015: 97-114.

SYSTEMATIC THEOLOGY AND ECCLESIOLOGY

Journal articles

1. AKPER GI. An ethos of hospitality as public morality in the face of the disorderly process in Nigeria today? *Stellenbosch Theological Journal/ Stellenbosch*

- Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(2):283-298.
2. BEERMAN H. Vrooms hermeneutiek: zijn Eigen insteek. KERK EN THEOLOGIE 2015; 66:247-312.
 3. BOWERS - DU TOIT NF, FORSTER DA. Activating moral imagination: Exposed 2013 as a fourth generation faith-based campaign? Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(1):19-40.
 4. BRUMMER V. Die Kaapse kerk en die Boereoorlog. Litnet Akademies 2015; 12(1):206-225.
 5. COERTZEN P. A perspective on marriages and civil unions in South Africa Part 2 - Civil unions. Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(2):385-400.
 6. DE LANGE F. Learning by Doing. Being a Public Theologian in the Debate on Ageing. International Journal of Public Theology 2015; 9(4):465-476.
 7. FORSTER DA. What hope is there for South Africa? A public theological reflection on the role of the church as a bearer of hope for the future. HTS Teologiese Studies-Theological Studies 2015; 71(1): Art. #2814, 13 pages.
 8. FORSTER DA, OOSTENBRINK JW. Where is the church on Monday? Awakening the church to the theology and practice of ministry and mission in the marketplace. In Die Skriflig 2015; 49(3): Art. #1944, 8 pages.
 9. HOUSTON PC. Inclusion and Exclusion at the Lord's Table in the Anglican Church of Southern Africa. Journal of Theology for Southern Africa 2015; 151(1):41-58.
 10. HUBER W. Why ethics? Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(1):151-166.
 11. KATTS DJ. The prophetic voice of the ecumenical church in South Africa and the role of the Volkskerk van Afrika. Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(1):187-200.
 12. KOFFEMAN LJ. The Ecumenical Potential of Church Polity. Ecclesiastical Law Journal 2015; 17(2):182-193.
 13. KOFFEMAN LJ. A New Ecumenical Reference Text? Exchange 2015; 1(44):221-230.
 14. KOOPMAN NN. Citizenship in South Africa today. Some insights from Christian ecclesiology. Missionalia: Journal of the Southern African Missiological Society 2015; 43(3):425-437.
 15. LEENE AMJ. Triniteit, mannelijkheid en vrouwelijkheid - Een kritische analyse en zoektocht naar een verantwoordelijke methode. Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ). (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; 1(2):491-510.
 16. MARAIS N. Happy? A critical analysis of salvation in Ellen Charry that portrays human flourishing as healing, beauty and pleasure. Verbum et Ecclesia (Skrif en Kerk) 2015; 36(1): Art. #1359, 10 pages.
 17. MARAIS N. Graced? A Critical Analysis of Salvation in Serene Jones that Portrays Human Flourishing as Open to Relation, Beautiful and Healed. Journal of Theology for Southern Africa 2015; 151(1):74-95.

18. MULLER R. Sacralisation and the Colonial-indigenous encounter in Southern African Christian history: The memory and legacy of Johannes du Plessis as case study. *Studia Historiae Ecclesiasticae: Journal of the Church History Society of Southern Africa* 2015; **41**(2):82-99.
19. MULLER R. Early Afrikaner Missionaries and the Central African Natural Ecology: A History of Ambiguous Interactions. *Toronto Journal of Theology* 2015; **31**(1):39-54.
20. MULLER R. The Zion Christian Church and Global Christianity: negotiating a tightrope between localisation and globalisation. *Religion* 2015; **45**(2):174-190.
21. MULLER R. Incarnation theology versus the sacralisation of authority. *HTS Teologiese Studies-Theological Studies* 2015; **71**(3): Art. #2707, 9 pages.
22. MULLER R. Beyers Naudé (1915-2004): Christianity, violence, and reconciliation in South Africa. *Theology Today* 2015; **72**(3):299-311.
23. SMIT DJ. 'No Polycarps among Us'? Questions for Reformed Political Theology Today. *Studies in Christian Ethics* 2015; **28**(2):187-200.
24. SMIT DJ. "Making history for the coming generation" - on the theological logic of Russel Bothman's commitment to transformation. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):607-632.
25. SMIT DJ. Reading the Bible through the ages? Historical and hermeneutical perspectives. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):175-194.
26. VAN DER MERWE IJ. Biblical happiness and baptismal identity. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):695-710.
27. VAN DER MERWE IJ. Happiness - a primer for theological engagement. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(1):291-319.
28. VAN HUYSSTEEN JWV. A response to my colleagues. *Theology Today* 2015; **72**(2):206-226.
29. VON SINNER RE. Citizenship in the Brazilian Context. *Missionalia: Journal of the Southern African Missiological Society* 2015; **43**(3):438-459.
30. VOSLOO RR. Tyd in ons tyd: Oor teologie en toekomsgeoriënteerde herinnering. *Litnet Akademies* 2015; **12**(3):461-486.
31. VOSLOO RR. The Bible and the justification of apartheid in Reformed circles in the 1940's in South Africa: Some historical, hermeneutical and theological remarks. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):195-215.
32. VOSLOO RR. Between the Prose of Justice and the Poetics of Love? Reading Ricoeur on Mutual Recognition in the Light of Harmful Strategies of "Othering". *Etudes Ricoeuriennes / Ricoeur Studies* 2015; **6**(2):105-117.
33. VOSLOO RR. Difficult Forgiveness? Engaging Paul Ricoeur on Public Forgiveness within the Context of Social Change in South Africa. *International Journal of Public Theology* 2015; **9**(2):360-378.
34. WARD GJ. Cities, corporeality and consciousness. *Stellenbosch Theological Journal/ Stellenbosch Teologiese Joernaal (STJ)*. (Formerly NGTT: Ned Geref Teologiese Tydskrif) 2015; **1**(2):113-129.
35. WRIGHT JA. With Whose Voice and What Language? *International Journal of Public Theology* 2015; **9**(2):156-175.

Books

1. DE LANGE F. *Loving Later Life: An Ethics of Aging*. WM Eerdmans, Grand Rapids, USA 2015:159 pp.
2. HUBER W. *Ethics - The fundamental questions of our lives*. University Press, Georgetown, USA 2015:250 pp.

Chapters in books

1. FORSTER DA. In *Conversation: The Old Testament, Ethics and Human Dignity*. In: Claassens LJM, Birch BC (eds.) *Restorative Readings: The Old Testament, Ethics, and Human Dignity*, Pickwick Publications, Eugene, Oregon, USA, 2015: 149-153.
2. HUBER W. *Human Rights and Globalization*. In: Grab W, Charbonnier L (eds.) *Religion and human rights. Global Challenges from Intercultural Perspectives*, De Gruyter, Berlin, Germany, 2015: 7-23.
3. KOOPMAN NN. *Human dignity, Human Rights and Socio-Economic Exclusion?* In: Grab W, Charbonnier L (eds.) *Religion and human rights. Global Challenges from Intercultural Perspectives*, De Gruyter, Berlin, Germany, 2015: 131-148.
4. PLAATJIES-VAN HUFFEL MA. *A Chronology of the Political and Theological Activity at the University of the Western Cape during the Heyday of the Struggle against Apartheid*. In: Lessing H, Smit DJ, Dederling T, Kampmann J (eds.) *Umstrittene Beziehungen. Protestantismus zwischen dem südlichen Afrika und Deutschland von den 1930er Jahren bis in die Apartheidzeit / Contested Relations. Protestantism between Southern African and Germany from the 1930s to the Apartheid Era*, Harrassowitz Verlag, Wiesbaden, Germany, 2015: 500-508.
5. SMIT DJ. "Whose Law?" *South African Struggles with Notions of Justice*. In: Grab W, Charbonnier L (eds.) *Religion and human rights. Global Challenges from Intercultural Perspectives*, De Gruyter, Berlin, Germany, 2015: 149-174.

GENERAL

BOTANICAL GARDEN

Journal articles

1. DAVIS K, SMIT MF, KIDD M, SHARROCK S, ALLENSTEIN P. An access and benefit-sharing awareness survey for botanic gardens: Are they prepared for the Nagoya Protocol? *South African Journal of Botany* 2015; **98**:148-156.

CAMPUS HEALTH SERVICE

Chapters in books

1. VIVIERS PL. Verbode middels - die omvang van die probleem. In: Engelbrecht R (ed.) *Coach Loffie - Wenke vir weners*, Naledi, Cape Town, South Africa, 2015: 167-173.

CENTRE FOR LEARNING TECHNOLOGIES

Journal articles

1. GACHAGO D, STRYDOM SC, HANEKOM PW, SIMONS S, WALTERS S. Crossing boundaries: lecturers' perspectives on the use of WhatsApp to support teaching and learning in higher education. *Progressio* 2015; **37**(1):172-187.
2. KEILLER L, INGLIS-JASSIEM G. A lesson in listening: Is the student voice heard in the rush to incorporate technology into health professions education? *African Journal of Health Professions Education* 2015; **7**(1):47-50.
3. WAGHID F. Cultivation democratic e-learning through action research: Facebook as educational technology. *Progressio* 2014; **36**(2):145-171.
4. WAGHID F. On the democratisation of science education through Facebook: Implications for autonomy, equality and teacher education in universities. *South African Journal of Higher Education* 2015; **29**(2):298-314.

CENTRE FOR PROSPECTIVE STUDENTS

Journal articles

1. VAN DER MERWE E, GREEFF AP. Infertility-Related Stress within the Marital Relationship. *International Journal of Sexual Health* 2015; **27**(4):522-531.

CENTRE FOR STUDENT COUNSELLING AND DEVELOPMENT (CSCD)

Journal articles

1. SYMINGTON S, DUNN-COETZEE M. A Psycho-Educational Strategy as Tool for Educating Adolescents on Internet Safety. *Social Work Practitioner Researcher* 2015; **27**(3):306-321.

CENTRE FOR TEACHING AND LEARNING

Journal articles

1. VAN SCHALKWYK SC, LEIBOWITZ BL, HERMAN N, FARMER JL. Reflections on professional learning: Choices, context and culture. *Studies in Educational Evaluation* 2015; **46**:4-10.

Proceedings International

1. JACOBS C. Mapping the Terrains of ICLHE: A View from the South. In: Wilkinson R, Walsh ML (eds.) *Integrating Content in Language in Higher Education: From Theory to Practice (Selected Papers from the 2013 ICLHE Conference)*, Frankfurt am Main, Germany, Peter Lang 2015: 21-38.

Chapters in books

1. COSTANDIUS E, BLACKIE MAL, LEIBOWITZ BL, NELL IA, MALGAS RR, ROSOCHACKI SO, YOUNG G. Stumbling over the first hurdle? Exploring notions of critical citizenship at Stellenbosch University. In: Davies M, Barnett R (eds.) *The Palgrave Handbook of Critical Thinking in Higher Education*, Palgrave Macmillan, London, United Kingdom, 2015: 545-558.
2. JACOBS C. Opening up The Curriculum: Moving from The Normative to The Transformative in Teachers' Understandings of Disciplinary Literacy Practices. In: Lillis T, Harrington K, Lea MR, Mitchell S (eds.) *Working with Academic Literacies - Case studies towards transformative practice*, Parlour Press and WAC Clearinghouse, South Carolina and Colorado, USA, 2015: 131-141.

DIVISION FOR COMMUNITY INTERACTION

Chapters in books

1. LIN PL, WIEGAND MR, SMITH-TOLKEN AR. Service-Learning: Preparing students for the future. In: Lin PL, Wiegand MR, SMITH-TOLKEN AR (eds.) *Service-Learning in Higher Education: Building Community Across the Globe*, University of Indianapolis Press, Indianapolis, USA, 2015: 1-12.
2. MCKAY MA, SMITH-TOLKEN AR, ALESSANDRI AF, NELL M. The Impact of Service-Learning on Professionalism in Undergraduate Viticulture and Oenology Students. In: Lan Lin P, Wiegand MR, SMITH-TOLKEN AR (eds.) *Service-Learning in Higher Education: Building Community Across the Globe*, University of Indianapolis Press, Indianapolis, USA, 2015: 63-77.

3. SMITH-TOLKEN AR, DU PLESSIS JMJ. The Affective-Cognitive Model of Reflection: International Service-Learning in Community Development. In: Delano-Oriaran O, Penick-Parks MW, Fondrie S (eds.) The SAGE Sourcebook of Service-Learning and Civic Engagement, SAGE publications, Los Angeles, USA, 2015: 365-377.

LANGUAGE CENTRE

Journal articles

1. DANIELS S, BABCOCK RD, DANIELS D. Writing Centers and Disability: Enabling Writers through an Inclusive Philosophy. *Praxis: a Writing Center Journal* 2015; **13**(1):20-26.
2. RICHARDS RJ. Celebrities and spiritual gurus: Comparing two biographical accounts of kidney transplantation and recovery. *African Journal of Disability* 2015; **4**(1):1-10.

LIBRARY & INFORMATION SERVICE

Journal articles

1. TISE ER. Introduction. *Library Trends* 2015; **64**(1):1-2.
2. TISE ER, RAJU R. African Librarianship: A Relic, a Fallacy, or an Imperative? *Library Trends* 2015; **64**(1):3-18.

Proceedings International

1. TISE ER, RAJU R, ADAM A. From Research Support to Research Partners. In: Raju R (ed.) The quest for a deeper meaning of research support: The International Federation of Library Associations and Institutions' Academic and Research Libraries Standing Committee's Preconference, Cape Town, South Africa, University of Cape Town 2015: 1-12.

STELLENBOSCH INSTITUTE FOR ADVANCED STUDY (STIAS)

Journal articles

1. ADAM HA. Migrants as an Indicator of Global and Local Inequality: The Case of African Refugees. *Understanding Inequality: Social Costs and Benefits* 2015; **2015**:410-423.
2. ADAM HA. Xenophobia, Asylum Seekers, and Immigration Policies in Germany. *Nationalism and Ethnic Politics* 2015; **21**:446-464.
3. ADAM HA, ADAM-MOODLEY K. Realities and discourses on South African Xenophobia. *Strategic Review of Southern Africa* 2015; **37**(1):200-205.
4. ALM R, WALTEMATH D, WOLFIEN M, WOLKENHAUER O, HENKEL R. Annotation-based feature extraction from sets of SBML models. *Journal of Biomedical Semantics* 2015; **6**(1):20, 13 pages.

5. AMIRKHAH R, FARAZMAND A, GUPTA S K, AHMADI H, WOLKENHAUER O, SCHMITZ U. Naïve Bayes classifier predicts functional microRNA target interactions in colorectal cancer. *Molecular BioSystems* 2015; **11**(8):2126-2134.
6. AMIRKHAH R, SCHMITZ U, LINNEBACHER M, WOLKENHAUER O, FARAZMAND A. MicroRNA-mRNA interactions in colorectal cancer and their role in tumor progression. *Genes, Chromosomes and Cancer* 2015; **54**(3):129-141.
8. APPELBAUM R. Shakespeare and terrorism. *Criticism* 2015; **57**(1):23-45.
9. BARBIERI M. Evolution of the Genetic Code: The Ribosome-Oriented Model. *Biological Theory* 2014; **10**(4):301-310.
10. BARBIERI M. From Biosemiotics to Code Biology. *Biological Theory* 2014; **9**(2):239-249.
11. BARNUM HN, MÜLLER MP, UDUDEC C. Higher-order interference and single-system postulates characterizing quantum theory. *New Journal of Physics* 2014; **16**:1-44.
12. BESSONNARD S, DE MOT L, GONZE D, BARRIOL M, DENNIS C, GOLDBETER A, DUPONT G, CHAZAUD C. Gata6, Nanog and Erk signaling control cell fate in the inner cell mass through a tristable regulatory network. *Development* 2014; **141**(19):3637-3648.
13. BOSSUYT MJM. The European court of Human rights and irreducible life Sentences. *Human Rights Law Journal* 2014; **34**:269-276.
14. CHAUHAN A, WEISS H, KOCH F, IBRAHIM S M, VERA J, WOLKENHAUER O, TIEDGE M. Dissecting Long-Term Glucose Metabolism Identifies New Susceptibility Period for Metabolic Dysfunction in Aged Mice. *PLoS ONE* 2015; **10**(11): e0140858, 16 pages.
15. CHILD G, CHILD BA. The conservation movement in Zimbabwe: an early experiment in devolved community based regulation. *South African Journal of Wildlife Research* 2015; **45**(1):1-16.
16. COUSSENS K, NAUDE CE, GOLIATH R, CHAPLIN G, WILKINSON RJ, JABLONKSI NG. High-dose vitamin D₃ reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(26):8052-8057.
17. CUNNAR GE, HÖGBERG LAI. The child is now 25 - A short introduction to a special issue. *Childhood in the Past: An International Journal* 2015; **8**(2):75-77.
18. DE WET E. The Modern Practice of Intervention by Invitation in Africa and its Implications for the Prohibition of the Use of Force. *European Journal of International Law* 2015; **26**(4):979-998.
19. DEY C, LINDSTEDT E, OLOFSSON BM. Metal-Free C -Arylation of Nitro Compounds with Diaryliodonium Salts. *Organic Letters* 2015; **17**(18):4554-4557.
20. DUMONT GAM. Signal Processing and Automation in Anesthesia. *IEEE Signal Processing Magazine* 2015; **32**(4):138-144.
21. FOSSÈPRÈ M, LEHERTE L, LAAKSONEN AI, VERCAUTEREN DP. On the Modularity of the Intrinsic Flexibility of the μ Opioid Receptor: A Computational Study. *PLoS ONE* 2014; **9**(12): e115856, 29 pages.
22. FUCHS CA, SCHACK R. QBism and the Greeks: why a quantum state does not represent an element of physical reality. *Physica Scripta* 2015; **90**:015104, 6 pages.
23. GÄRDENFORS BP, HÖGBERG LAI. Evolutionary mechanisms of teaching. *Behavioral and Brain Sciences* 2015; **38**:25-26.
24. GOEDECKE J H, KESWELL D, WEINREICH C, FAN J, HAUKSSON J, VICTOR H, UTZSCHNEIDER K, LEVITT N, LAMBERT E V, KAHN S E, OLSSON T.

- Ethnic differences in hepatic and systemic insulin sensitivity and their associated determinants in obese black and white South African women. *Diabetologia* 2015; **58**(11):2647-2652.
25. GRAEDEL TE, HARPER E M, NASSAR N T, NUSS P, RECK B K. Criticality of metals and metalloids. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(14):4257-4262.
 26. GRANLUND MZ, JANSSON K, NILSSON M, DAWODY J, PETTERSSON LJ. Evaluation of Co, La, and Mn promoted Rh catalysts for autothermal reforming of commercial diesel: Aging and characterization. *Applied Catalysis B-Environmental* 2015; **172-173**:145-153.
 27. GRANLUND MZ, ZACHERL S, PETTERSSON LJ. Comparison between Ceria–Zirconia and Alumina as Supports for Oxidative Steam Reforming of Biodiesel. *Topics in Catalysis* 2015; **58**(14-17):933-938.
 28. HAIDLE M N, BOLUS M, COLLARD M, CONARD N J, GAROFOLI D, LOMBARD M, NOWELL A, TENNIE C, WHITEN A. The Nature of Culture: an eight-grade model for the evolution and expansion of cultural capacities in hominins and other animals. *Journal of Anthropological Sciences* 2015; **93**:43-70.
 29. HENKEL R, WOLKENHAUER O, WALTEMATH D. Combining computational models, semantic annotations and simulation experiments in a graph database. *Database-The Journal of Biological Databases and Curation* 2015; **2015**: Article ID, bau130, 16 pages.
 30. HÖGBERG LAI, GÄRDENFORS BP. Children, Teaching and the Evolution of Humankind. *Childhood in the Past: An International Journal* 2015; **8**(2):113-121.
 31. HÖGBERG LAI, LARSSON LOG, GÄRDENFORS BP. Knowing, Learning and Teaching—How Homo Became Docens. *Childhood in the Past: An International Journal* 2015; **8**(2):113-121.
 32. IKRAM S, SLABBERT R, CORNELIUS I, DU PLESSIS A, SWANEPOEL LC, WEBER H. Fatal force-feeding or Gluttonous Gagging? The death of Kestrel SACHM 2575. *Journal of Archaeological Science* 2015; **63**:72-77.
 33. KLINGEMANN HAR. Market Economy or Social Welfare Policy? The Programmatic Responses of Political Parties to the Global Recession. *Taiwan Journal of Democracy* 2015; **11**(1):79-109.
 34. KOSSOW C, RYBACKI S, MILLAT T, RATEITSCHAK K, JASTER R, UHRMACHER A M, WOLKENHAUER O. An explicit numerical scheme to efficiently simulate molecular diffusion in environments with dynamically changing barriers. *Mathematical and Computer Modelling of Dynamical Systems* 2015; **21**(6):535-559.
 35. LECHINI GT. América Latina y África. Entre la solidaridad sur-sur y los propios intereses Latin America and Africa. *Between South-South solidarity and self-interests. Estudios Internacionales* 2014; **179**(0716-0240):61-88.
 36. LOMBARD M. Hunting and Hunting Technologies as Proxy for Teaching and Learning during the Stone Age of Southern Africa. *Cambridge Archaeological Journal* 2015; **25**(04):877-887.
 37. MACNAB AJ. Children's Oral Health: The Opportunity for Improvement Using the WHO Health Promoting School Model. *Advances in Public Health* 2015; **2015**: Article ID 651836, 6 pages.
 38. MILLAT T, VOIGT C, JANSSEN H, COOKSLEY C M, WINZER K, BAHL H, MINTON N P, FISCHER R, WOLKENHAUER O. Coenzyme A-transferase-independent butyrate re-assimilation in *Clostridium acetobutylicum*—evidence

- from a mathematical model. *Applied Microbiology and Biotechnology* 2014; **98**(21):9059-9072.
39. NAÔMÈ A, LAAKSONEN AI, VERCAUTEREN DP. A Coarse-Grained Simulation Study of the Structures, Energetics, and Dynamics of Linear and Circular DNA with Its Ions. *Journal of Chemical Theory and Computation* 2015; **11**(6):2813-2826.
 40. NEWELL DC. Renewing "That which was almost lost or forgotten": The implications of old ethnologies for present-day traditional ecological knowledge among Canada's Pacific Coast people. *International Indigenous Policy Journal* 2015; **6**(2): <http://ir.lib.uwo.ca/iipj/vol6/iss2/6>.
 41. REBIC M, MOCCI F, LAAKSONEN AI, ULICNY J. Multiscale Simulations of Human Telomeric G-Quadruplex DNA. *The Journal of Physical Chemistry B* 2015; **119**:105-113.
 42. SCHULTZ L, FOLKE CBM, ÖSTERBLOM H, OLSSON P. Adaptive governance, ecosystem management, and natural capital. *Proceedings of the National Academy of Sciences of the United States of America* 2015; **112**(24):7369-7374.
 43. STOMBY A, SIMONYTE K, MELLBERG C, RYBERG M, STIMSON RH, LARSSON C, LINDAHL B, ANDREW R, WALKER BR, OLSSON T. Diet-induced weight loss has chronic tissue-specific effects on glucocorticoid metabolism in overweight postmenopausal women. *International Journal of Obesity* 2015; **39**(5):814-819.
 44. TAYLOR DY. The Moral Justification for the Right. *Oxford Journal of Legal Studies* 2015; **35**(2):1-23.
 45. TAYLOR DY. Why should Justice be seen to be done? *Criminal Justice Ethics* 2015; **34**(1):64-86.
 46. TINNIS F, STRIDFELDT E, LUNDBERG H, ADOLFSSON H, OLOFSSON BM. Metal-Free N-Arylation of Secondary Amides at Room Temperature. *Organic Letters* 2015; **17**(11):2688-2691.
 47. TODDE G, HOVMÖLLER S, LAAKSONEN AI. Influence of Antifreeze Proteins on the Ice/Water Interface. *The Journal of Physical Chemistry B* 2015; **119**(8):3407-3413.
 48. TODDE G, HOVMÖLLER S, LAAKSONEN AI, MOCCI F. Glucose oxidase from *Penicillium amagasakiense*: Characterization of the transition state of its denaturation from molecular dynamics simulations. *Proteins-Structure Function and Bioinformatics* 2014; **82**(10):2353-2363.
 49. TODDE G, WHITMAN C, HOVMÖLLER S, LAAKSONEN AI. Induced Ice Melting by the Snow Flea Antifreeze Protein from Molecular Dynamics Simulations. *Journal of Physical Chemistry B* 2014; **118**(47):13527-13534.
 50. VAKILI K, MCGAHAN A M, REZAIE R, MITCHELL W, DAAR ASS. Progress in Human Embryonic Stem Cell Research in the United States between 2001 and 2010. *PLoS ONE* 2015; **10**(3): e0120052, 8 pages.
 51. WANG Y, LAAKSONEN AI. Interfacial structure and orientation of confined ionic liquids on charged quartz surfaces. *Physical Chemistry Chemical Physics* 2014; **16**:23329-23339.
 52. WANG Y, SARMAN S, GLAVATSKIH S, ANTZUTKIN ON, RUTLAND MW, LAAKSONEN AI. Atomistic Insight into Tetraalkylphosphonium-Bis(oxalato)borate Ionic Liquid/Water Mixtures. I. Local Microscopic Structure. *Journal of Physical Chemistry B* 2015; **119**:5251-5264.

53. WOLLBOLD J, JASTER R, MÜLLER S, RATEITSCHAK K, WOLKENHAUER O. Anti-Inflammatory effects of reactive oxygen species - a multi-valued logical model validated by formal concept analysis. *BMC Systems Biology* 2014; **8**(1):101.

Proceedings International

1. SHADGAN B, STOTHERS LS, MOLAVI B, MUTABAZI S, MUKISA R, MACNAB AJ. Near infrared spectroscopy evaluation of bladder function: the impact of skin pigmentation on detection of physiologic change during voiding. In: Choi B, ET AL (eds.) *Proceedings of SPIE 1605-7422, Photonic Therapeutics and Diagnostics XI*, USA, SPIE 2015: Article CID 93030U.

Books

1. ATTRIDGE D. *The work of literature*. Oxford University Press, London, United Kingdom 2015:334 pp.
2. ATTWELL DID. *JM Coetzee and the Life of Writing*. Jacana, Pretoria, South Africa 2015:272 pp.
3. GERLE EI. *Sinnlighetens närvaro*. Verbum, Stockholm, Sweden 2015:397 pp.
4. GISPEN WH. *Het Afrika van de ijsvogel?* Pharos, Beilen, Netherlands 2015:200 pp.
5. KIREGYERA PB. *The Emerging Data Revolution in Africa: Strengthening the Statistics, Policy and Decision-making Chain*. African Sun Media, Stellenbosch, South Africa 2015:529 pp.
6. LUNDIN MS. *Organs for Sale. An Ethnographic Examination of the International Organ Trade*. Palgrave Macmillan/Pivot, London, United Kingdom 2015:126 pp.
7. MAJOZI T, SEID ER, LEE J-Y. *Synthesis, Design and Resource Optimization in Batch Chemical Plants*. CRC Press, Florida, USA 2015:450 pp.
8. MANGENA MA. *Triumphs and Heartaches: A Courageous Journey by South African Patriots*. Picador, Johannesburg, South Africa 2015:332 pp.
9. NYAMNJOH FB. *C'est l'homme qui fait l'homme. Cul-de-sac Ubuntu-ism in Côte d'Ivoire*. Langa RPCIG, Cameroon, Cameroon 2015:204 pp.
10. ONYANGO OJ. *Battling over Human Rights. Twenty Essays on Law, Politics and Governance*. Langa RPCIG, Cameroon, Cameroon 2015:528 pp.
11. RICHARDS R, RUSE ME. *Debating Darwin: An Argument about the Central Features of His Accomplishment*. University of Chicago Press, Chicago, USA 2015:320 pp.

Chapters in books

1. APPELBAUM R. *Hamlet and Violence*. In: Cao L, Jin L (eds.) *New Pilgrimages: Selected Papers from the IAUPE Beijing Conference in 2013*, Beijing Tsinghua University Press, China, 2015: 97-114.
2. COHEN-ELIYA M. *Negligence and Appropriate Representation: The Israeli Case*. In: DUPPER OC, SANKARAN K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 121-136.
3. DUPPER OC. *Affirmative action in comparative perspective*. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 7-41.
4. DUPPER OC. *Restraint, deference and reasonableness: affirmative action in South Africa*. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 253-279.

5. GOLDBETER A, GÉRARD C. From simple to Complex Oscillatory Behavior in Cellular Regulatory Networks. In: Mikhailov AS, Ertl G (eds.) *Engineering of Chemical Complexity II*, World Scientific Publishing, London, United Kingdom, 2014: 1-22.
6. HEPPLER BA. Democratic Participation in Making and Enforcing Affirmative Action Schemes. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 43-62.
7. MOCCI F, LAAKSONEN AI. Combining MD simulations and NMR spectroscopy for molecular insight and methodological synergy: the integrated MD-NMR method. In: Kamienska-Trela K (ed.) *Nuclear Magnetic Resonance: Volume 44*, Royal Society of Chemistry, United Kingdom, 2015: 592-616.
8. SANKARAN K. Diversity and Intersectionality: Affirmative Action in India. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 169-185.
9. SARLET IW. Affirmative Action and the Fight against Inequalities in Brazil: The Case of Race and Equal Access to Higher Education. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 201-228.
10. TEKLE T. An International Perspective on Affirmative Action. In: Dupper OC, Sankaran K (eds.) *Affirmative Action. A View from the Global South*, African Sun Media, Stellenbosch, South Africa, 2014: 89-117.