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CONTENTS

CONTENTS.....	i
FACULTY OF AGRISCIENCES	1
AGRICULTURAL ECONOMICS	1
AGRONOMY.....	2
ANIMAL SCIENCES.....	3
CONSERVATION ECOLOGY AND ENTOMOLOGY.....	6
FOOD SCIENCE.....	10
FOREST AND WOOD SCIENCE.....	12
GENETICS	15
HORTICULTURAL SCIENCE	17
PLANT PATHOLOGY	19
SOIL SCIENCE.....	20
VITICULTURE AND OENOLOGY.....	21
INSTITUTE FOR PLANT BIOTECHNOLOGY.....	23
INSTITUTE FOR WINE BIOTECHNOLOGY	23
FACULTY OF ARTS AND SOCIAL SCIENCES	26
AFRICAN LANGUAGES	26
AFRIKAANS AND DUTCH	26
ANCIENT STUDIES	29
DRAMA.....	31
ENGLISH	32
GEOGRAPHY AND ENVIRONMENTAL STUDIES.....	33
HISTORY.....	35
INFORMATION SCIENCE	36
JOURNALISM.....	37
LINGUISTICS	38
MODERN FOREIGN LANGUAGES	39
MUSIC	40
PHILOSOPHY.....	41
POLITICAL SCIENCE.....	42
PSYCHOLOGY	43
SOCIAL WORK.....	47
SOCIOLOGY AND SOCIAL ANTHROPOLOGY	47
VISUAL ARTS	49
CENTRE FOR CHINESE STUDIES	50
CENTRE FOR KNOWLEDGE DYNAMICS AND DECISION-MAKING.....	50
CENTRE FOR RESEARCH ON SCIENCE & TECHNOLOGY (CREST).....	51
FACULTY OF ECONOMIC AND MANAGEMENT SCIENCE	52
ACCOUNTING	52
BUSINESS MANAGEMENT	55
ECONOMICS	58
GRADUATE SCHOOL OF BUSINESS.....	59
INDUSTRIAL PSYCHOLOGY	60
LOGISTICS	61
SCHOOL FOR PUBLIC MANAGEMENT AND PLANNING	62
STATISTICS AND ACTUARIAL SCIENCE.....	64
INSTITUTE FOR FUTURES RESEARCH.....	66
FACULTY OF EDUCATION.....	68

CURRICULUM STUDIES	68
EDUCATION POLICY STUDIES.....	70
EDUCATIONAL PSYCHOLOGY.....	72
SPORT SCIENCE	73
FACULTY OF ENGINEERING.....	75
CIVIL ENGINEERING	75
ELECTRIC AND ELECTRONIC ENGINEERING	78
INDUSTRIAL ENGINEERING	84
MECHANICAL AND MECHATRONIC ENGINEERING	88
PROCESS ENGINEERING	90
FACULTY OF LAW	95
MERCANTILE LAW.....	95
PRIVATE LAW.....	96
PUBLIC LAW.....	98
FACULTY OF MEDICINE AND HEALTH SCIENCES	101
ANATOMICAL PATHOLOGY	101
ANATOMY AND HISTOLOGY	102
ANESTHESIOLOGY AND CRITICAL CARE	103
CARDIOTHORACIC SURGERY.....	103
CHEMICAL PATHOLOGY	103
COMMUNITY HEALTH.....	104
DEAN'S OFFICE (TYGERBERG).....	106
DERMATOLOGY	107
EMERGENCY MEDICINE.....	107
FAMILY MEDICINE AND PRIMARY CARE	108
FORENSIC MEDICINE	109
HAEMATOLOGICAL PATHOLOGY.....	110
HUMAN NUTRITION.....	110
INTERNAL MEDICINE.....	111
MEDICAL MICROBIOLOGY	116
MEDICAL PHYSIOLOGY	117
MEDICAL VIROLOGY	119
MOLECULAR BIOLOGY AND HUMAN GENETICS	123
NUCLEAR MEDICINE	127
NEUROSURGERY.....	128
NURSING SCIENCE	128
OBSTETRICS AND GYNAECOLOGY	129
OCCUPATIONAL THERAPY	131
OPHTHALMOLOGY.....	132
ORTHOPEDICS.....	132
OTORHINOLARYNGOLOGY.....	133
PAEDIATRIC SURGERY	133
PEDIATRICS AND CHILD HEALTH	134
PHARMACOLOGY	141
PHYSIOTHERAPY.....	142
PLASTIC AND RECONSTRUCTIVE SURGERY.....	143
PSYCHIATRY	143
RADIATION ONCOLOGY	151
RADIOLOGY	152
SURGERY	154
UROLOGY.....	155
CENTRE FOR EVIDENCE-BASED HEALTH CARE.....	157
CENTRE FOR HEALTH SCIENCES EDUCATION	157
CENTRE FOR MEDICAL ETHICS & LAW	158

CENTRE FOR REHABILITATION STUDY	159
FACULTY OF MILITARY SCIENCE	160
ACCOUNTING AND AUDITING (MIL.)	160
EDUCATIONAL TECHNOLOGY (EDUTECH)	160
INDUSTRIAL PSYCHOLOGY (MIL.)	160
MATHEMATICS (MIL.)	160
MILITARY HISTORY	161
MILITARY GEOGRAPHY	161
MILITARY STRATEGY	162
PHYSICS (MIL.)	162
POLITICAL SCIENCE (MIL.)	163
CENTRE FOR MILITARY STUDIES	163
FACULTY OF NATURAL SCIENCES	165
APPLIED MATHEMATICS	165
BIOCHEMISTRY	166
BOTANY AND ZOOLOGY	168
CHEMISTRY AND POLYMER SCIENCE	179
COMPUTER SCIENCE	184
EARTH SCIENCES	185
MATHEMATICS	187
MICROBIOLOGY	189
PHYSICS	191
PHYSIOLOGICAL SCIENCE	197
CENTRAL ANALYTICAL FACILITY	198
CENTRE FOR HUMAN PERFORMANCE SCIENCE	199
INSTITUTE OF THEORETICAL PHYSICS	199
SACEMA	201
(SA CENTRE FOR EPIDEMIOLOGICAL MODELLING AND ANALYSIS)	201
FACULTY OF THEOLOGY	204
OLD AND NEW TESTAMENT	204
PRACTICAL THEOLOGY AND MISSIOLOGY	206
SYSTEMATIC THEOLOGY AND ECCLESIOLOGY	208
BUREAU FOR CONTINUING THEOLOGICAL EDUCATION AND RESEARCH	210
GENERAL	211
CENTRE FOR STUDENT COMMUNITIES	211
CENTRE FOR STUDENT COUNSELLING AND DEVELOPMENT	211
CENTRE FOR TEACHING AND LEARNING	212
DIVISION FOR COMMUNITY INTERACTION	212
DIVISION STUDENT AND ACADEMIC SUPPORT	213
INSTITUTIONAL RESEARCH & PLANNING	213
LANGUAGE CENTRE	213
STELLENBOSCH INSTITUTE FOR ADVANCED STUDY (STIAS)	214
TRACKING UNIT	214

FACULTY OF AGRISCIENCES

AGRICULTURAL ECONOMICS

Journal articles

1. D'HAESE L, D'HAESE M, VINK N, VAN ROOYEN CJ. Empowerment for Food Security Project (EFSP) in KwaZulu-Natal: kwetsbaarheidsanalise en voedselzekerheidsindicators. *Bulletin des séances = Mededelingen der zittingen*. 2010; **56**(4): 457-472.
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5. NAKANA E, MKHABELA TS. Performance determinants of wine farms in the Western Cape: An interval modelling approach. *Agrekon* 2011; **50**(1): 53-70.
6. NTOMBELA SM, KLEYNHANS TE. Scenario development to support strategic planning in the South African table grape industry. *Agrekon* 2011; **50**(3): 29-50.
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Chapters in books

1. BANDAMA M. Fort Hare Dairy Trust: Training a new generation of black commercial dairy managers. In: Mabaya E, Tihanyi K, Karaan ASM, Van Rooyen J, (eds). *Case studies of emerging farmers and agribusinesses in South Africa*, Sun Press, Stellenbosch, South Africa, 2011: 137-151.
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3. MABAYA E, KARAAN ASM. Emerging farmers and agribusinesses in South Africa: common themes. In: Mabaya E, Tihanyi K, Karaan ASM, Van Rooyen J, (eds). *Case studies*

- of emerging farmers and agribusinesses in South Africa*, Sun Press, Stellenbosch, South Africa, 2011: 297-303.
4. MKHABELA TS, KHUMANLO L. Westfalia Estate: linking communal avocado farmers to lucrative markets. In: Mabaya E, Tihanyi K, Karaan ASM, Van Rooyen J, (eds). *Case studies of emerging farmers and agribusinesses in South Africa*, Sun Press, Stellenbosch, South Africa, 2011: 219-230.
 5. TRAUB LN. Mrs. Nofoto's Bakkie Miller: an Informal sector Agro-processor. In: Mabaya E, Tihanyi K, Karaan ASM, Van Rooyen J, (eds). *Case studies of emerging farmers and agribusinesses in South Africa*, Sun Press, Stellenbosch, South Africa, 2011: 111-121.
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AGRONOMY

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3. SHOKO M, PIETERSE PJ, AGENBAG GA. The effect of phosphorus, mucuna and nitrogen on the biomass, leaf area index and foliar nutrient content of maize on a depleted sandy loam soil in Zimbabwe. *Communications in Soil Science and Plant Analysis* 2011; **42**(12): 1363-1378.

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1. BESTER C, PIETERSE PJ, LABUSCHAGNE J. *Strategic nitrogen fertilization for mixed grass pastures in the wineland region of the Western Cape*. Combined Congress of the Soil Science Society of South Africa, South African Society of Crop Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 147.
2. FULTON CM, KEMPEN E. *Relative macro-cation uptake in tomatoes*. Combined Congress of the Soil Science Society of South Africa, South African Society of Crop Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 152.
3. KEMPEN E, AGENBAG GA. *Nutrient and water uptake by hydroponically grown tomato plants as affected by nutrient solution concentration and composition*. Combined Congress of the Soil Science Society of South Africa, South African Society of Crop

- Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 55.
4. NCEDANA C, PIETERSE PJ. *Trace metals - antagonists to glyphosate efficacy?* Combined Congress of the Soil Science Society of South Africa, South African Society of Crop Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 174.
 5. PIETERSE PJ. *Competitive interactions between four wheat cultivars and weeds.* Combined Congress of the Soil Science Society of South Africa, South African Society of Crop Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 100.
 6. SEKATI HS, PIETERSE PJ. *The effects of nitrogen fertilization and defoliation on biomass production and fodder quality of three fodder crops.* Combined Congress of the Soil Science Society of South Africa, South African Society of Crop Production, Southern African Society for Horticultural Sciences and Southern African Weed Science Society, Pretoria, South Africa, 2011: 110.
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ANIMAL SCIENCES

Journal articles

1. BEKKER JL, HOFFMAN LC, JOOSTE PJ. Knowledge of stakeholders in the game meat industry and its effect on compliance with food safety standards. *International Journal of Environmental Health Research* 2011; **21**(5): 341-363.
2. BONATO M, RYBNIK PK, MALECKI IA, CORNWALLIS CK, CLOETE SWP. Between male variation in semen characters and preliminary results on the dilution of semen in the ostrich. *South African Journal of Animal Science/Suid-Afrikaanse Tydskrif Vir Veekunde* 2010; **40**(5 Supplement 1): 438-441.
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- indigenous chicken populations. *Journal of Animal Breeding and Genetics-Zeitschrift für Tierzucht und Zuchtungsbiologie* 2011; **128**: 209-218.
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 33. ZISHIRI OT, CLOETE SWP, OLIVIER JJ, DZAMA K. Genetic trends in South African terminal sire sheep breeds. *South African Journal of Animal Science/Suid-Afrikaanse Tydskrif Vir Veekunde* 2010; **40**(5): 455-458.

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1. BEKKER JL, LOUW C, HOFFMAN LC, JOOSTE PJ. *Essential food safety management points in the supply chain of game meat in South Africa*. Game meat hygiene in focus (IRFGMH 2009), Wageningen, Netherlands, Wageningen Academic Publishers 2011: 39-61.
2. CLOETE SWP, SNYMAN MA, SCHOLTZ AJ. *Genetic and environmental parameters of milk production and milk composition in South African Merinos*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 419-422.
3. ENGELBRECHT A, CLOETE SWP, BUNTER KL, VAN WYK JB. *Genetic variation and heritability of ostrich weight traits*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 183-186.
4. HOFFMAN LC, DICKS L. *Preliminary results indicating game meat is more resistant to microbiological spoilage*. Game meat hygiene in focus (IRFGMH 2009), Wageningen, Netherlands, Wageningen Academic Publishers 2011: 137-139.
5. MULLER CJC, POTGIETER JP, ZISHIRI OT, CLOETE SWP. *Reproduction traits in Holsten Cows: towards the development of a genetic evaluation system for cow fertility*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 478-481.
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7. POTGIETER JP, MULLER CJC, CLOETE SWP, ZISHIRI OT, DZAMA K. *Exploring fertility traits other than calving interval for inclusion in a national genetic evaluation for South African Holstein cows*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 482-485.
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- production traits in merinos*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 175-178.
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 10. VAN SCHALKWYK DL, HOFFMAN LC. *Hygiene management systems for commercial game harvesting teams in Namibia*. Game meat hygiene in focus (IRFGMH 2009), Wageningen, Netherlands, Wageningen Academic Publishers 2011: 127-130.
 11. WANG MD, CLOETE SWP, DZAMA K. *Genetic parameters for ostrich chick mortality to six months post hatch*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 486-489.
 12. ZISHIRI OT, CLOETE SWP, OLIVIER JJ, DZAMA K. *Genetic relationships between objectively measured and subjectively assessed traits in the South African Dorper sheep breed*. Proceeding of the Association for the Advancement of Animal Breeding and Genetics, University of Western Australia, Perth, Australia, AAABG Distribution Service 2011: 111-114.

Chapters in books

1. BRAND TS, OLIVIER AJ. Ostrich Nutrition and Welfare. In: Glatz P; Lunam C; Malecki I (eds). *The Welfare of Farmed Ratites*, SPI Publisher Services, Adelaide, Australia, 2011: 91-108.
2. CLOETE SWP, MALECKI IA. Breeder welfare: The past, present and future. In: Glatz P; Lunam C; Malecki I (eds). *The Welfare of Farmed Ratites*, SPI Publisher Services, Adelaide, Australia, 2011: 13-43.
3. HOFFMAN LC, LAMBRECHTS H. Bird handling, transportation, lairage and slaughter: implications for bird welfare and meat quality. In: Glatz P; Lunam C; Malecki I (eds). *The welfare of farmed ratites*. SPI Publisher Services, Adelaide, Australia, 2011: 195-235.

CONSERVATION ECOLOGY AND ENTOMOLOGY

Journal articles

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