



NAVORSINGSVERSLAG RESEARCH REPORT

1999

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VOORWOORD

Die jaarlikse publikasie van die Navorsingsverslag van die Universiteit het ten doel om 'n oorsig te bied oor alle navorsingsuitsette wat in die betrokke verslagjaar aan die US gelewer is. Benewens hierdie oorkoepelende perspektief op navorsing word jaarliks ook ander perspektiewe op navorsing in fakulteitspublikasies aangebied. Statistieke omtrent navorsingsuitsette word in ander publikasies van die Afdeling Navorsingsontwikkeling aangegee.

Die Universiteit se navorsingspoging is, soos in die verlede, gesteun deur 'n verskeidenheid van persone en organisasies binne sowel as buite die Universiteit. Die US spreek sy besondere dank uit teenoor die statutêre navorsingsrade en kommissies, staatsdepartemente, nywerheidsondernemings, stigtings en private individue vir volgehoue ondersteuning in dié verband.

Wat die befondsing van navorsing betref, word navorsers aan Suid-Afrikaanse universiteite - soos elders in die wêreld - toenemend afhanklik van nuwe bronne vir die finansiering van navorsing. Dit sluit beide nasionale en internasionale geleenthede in. Die Universiteit van Stellenbosch heg daarom groot waarde aan streeksamewerking en aan betekenisvolle wetenskaplike ooreenkomste met ander universiteite in Suid-Afrika en in die buiteland, asook aan die bilaterale navorsings- en ontwikkelingsooreenkomste tussen Suid-Afrika en ander lande.

Benewens die aktiewe ondersteuning van navorsing deur die bestuur van die Universiteit, word 'n verskeidenheid van dienste aan die navorsersgemeenskap gebied. Dit sluit onder andere biblioteek- en inligtingsdienste, informasietegnologie, die instandhouding van laboratoria en toerusting en die administratiewe en finansiële infrastruktuur in, waaronder navorsing nie gedoen kan word nie.

Laastens word 'n woord van dank gerig aan die akademiese personeel wat behulpsaam was met die proeflees van daardie dele van die Navorsingsverslag wat op hulle eie bydraes betrekking het, asook aan die personeellede van die Afdeling Navorsingsontwikkeling wat gemoeid was met die voorbereiding van hierdie verslag, met spesiale vermelding aan me Lindie le Roux vir die finale uitleg en versorging van die verslag.

JP Groenewald
Senior Direkteur: Navorsing
Julie 2000

FOREWORD

The annual Research Report aims to present an overall survey of the year's research outputs of the University. In addition to this report on the institution as a whole, limited perspectives are given in publications by individual faculties. Statistical perspectives on research output are presented in other publications of the Division of Research Development.

As in the past, the University's research effort was supported by a variety of persons and organizations both inside and outside the University. The US wishes to express particular thanks to the statutory research councils and commissions, government departments, industrial enterprises, foundations and private individuals for their continued support in this regard.

As far as research funding is concerned, researchers at South African universities are - as elsewhere in the world - increasingly dependent upon new sources of finance for research. This includes national and international opportunities alike. The University of Stellenbosch therefore attaches great value to regional cooperation and substantive scientific agreements with other universities in South Africa and abroad, and to bilateral research and development agreements between South Africa and other countries.

Apart from the active support of research by the University's management, a variety of internal support services are maintained to assist researchers. This include, among others, the library and information support services, information technology, the maintenance of laboratories and equipment and the administrative and financial infrastructure, without which it would be impossible to conduct research.

Special thanks are due to our academic colleagues who assisted in proofreading those parts of the Report containing their own contributions, and likewise to the staff members of the Division of Research Development who were involved in the Report's preparation, in particular to Ms Lindie le Roux for the final outlay and editing of the text.

JP Groenewald
Senior Director: Research
July 2000

GIDS TOT KATEGORIEË GEBRUIK / GUIDE TO CATEGORIES USED

Die Navorsingsverslag word gestructureer volgens die kategorieë hieronder aangedui. Die titels van publikasies, referate, ens. word aangebied soos die inligting deur die departemente, institute, ens. verskaf is. Ten einde die gebruik van die verslag te vergemaklik, word die kategorieë hieronder uiteengesit. Besonderhede i.v.m. studieleiers word slegs in Afrikaans verstrek; 'n vertaling van die benamings word verskaf aan die einde van die lys kategorieë.

The Research Report is organized according to the categories listed below. The titles of publications, papers, etc. are given as the information has been supplied by departments, institutes, etc. In order to facilitate the use of the report, the categories are listed below. Information concerning study supervisors is provided only in Afrikaans; a translation of the designations is provided at the end of the list of categories below.

1. Tydskrifartikels/Journal articles:

Vaktydskrifartikels

Research articles in journals

(Sluit in: navorsingsartikels, navorsingsbrieve en oorsigartikels in tydskrifte vir die vakspesialis waarin navorsingsresultate gerapporteer word)

(Including: research articles, research letters and review articles in journals for the expert, reporting research results)

2. Verrigtinge internasionaal/Proceedings international:

Gepubliseerde verrigtinge van internasjonale vakkongresse

Published proceedings of international conferences

3. Verrigtinge nasionaal/Proceedings national:

Gepubliseerde verrigtinge van nasionale vakkongresse

Published proceedings of national conferences

4. Referate internasionaal/Papers international:

Referate by internasjonale vakkongresse (wat nie as kongresverrigtinge gepubliseer is nie) (insluitend plakkate)

Papers at international conferences (not published as conference proceedings) (including posters)

5. Referate nasionaal/Papers national:

Referate by nasionale vakkongresse (wat nie as kongresverrigtinge gepubliseer is nie) (insluitend plakkate)

Papers at national conferences (not published as conference proceedings) (including posters)

6. **Boeke/Books**
 7. **Hoofstukke in boeke/Chapters in books**
 8. **Patente/Patents**
 9. **Navorsingsverslae/Research reports**
 10. **Doktoraal afgehandel/Doctoral completed:**
Doktorale projekte (afgehandel)
Doctoral projects (completed)
 11. **Magister afgehandel/Master's completed:**
Magistertesisse (afgehandel)
Master's theses (completed)
 12. **Doktoraal lopend/Doctoral current:**
Doktorale projekte aan die gang
Doctoral projects (current)
 13. **Magister lopend/Master's current:**
Magisterprojekte aan die gang
Master's projects (currrent)
- Promotor: Promoter
Medepromotor: Co-promoter
Studieleier: Supervisor
Medestudieleier: Co-supervisor

FAKULTEIT LETTERE EN WYSBEGEERTE

FACULTY OF ARTS

AFRIKAANS EN NEDERLANDS / AFRIKAANS AND DUTCH

Tydskrifartikels/Journal articles

1. BRITZ EC. Die navolging van Guido Gezelle se "Twee horsen" deur Jan FE Celliers. *Voortgang* 1999; **18**: 7-21.
2. DE WET G. Die mikrostrukturele bewerking van affiksse in Afrikaanse vertalende woordeboeke. *Lexikos* 1999; **9**: 36-53.
3. DU TOIT PA. Die ruimte van taal en styl in enkele nuwer Afrikaanse romans. *Stilet* 1999; **11**(2): 83-98.
4. GOUWS RH. Mediostructural representation, textual condensation and user-orientation in the WAT X. *Lexicographica* 1999; **15**: 4-37.
5. GOUWS RH. Situating *A Dictionary of South African English on Historical Principles* within a more comprehensive lexicographic process. *Lexikos* 1999; **9**: 269-282.
6. HUIGEN S. Dutch South African Literature. *Alternation* 1998; **5**(2): 114-126.
7. HUIGEN S. Grenoverschrifdingen. *Indische Letteren* 1999; **14**(2): 88-95.
8. LOUW PA. Access structures in a standard translation dictionary. *Lexikos* 1999; **9**: 108-118.
9. LOUW PA. Portals to knowledge: CD-ROM encyclopaedias, with specific reference to *Microsoft Encarta 99 Encyclopedia*. *Lexikos* 1999; **9**: 283-293.
10. PONELIS F. Hesseling: 'n Eeu later. *Literator* 1999; **20**(1): 1-13.
11. VAN ZYL DP. Estienne Barbier, renegaat en romanfiguur, in die lig van die storie, historie en historiografie. *Tydskrif vir Nederlands en Afrikaans* 1999; **6**(1): 78-96.
12. VAN ZYL DP. Met permissie gesê: Is dit slegs vir almal? Hennie Aucamp en die kabaret. *Stilet* 1999; **11**(1): 77-86.
13. VILJOEN L. "Die verlede is 'n ander land": Ruimtelike geskiedskrywing in Karel Schoeman se roman *Die uur van die Engel*. *Stilet* 1999; **11**(2): 54-70.
14. WARD R. Die minnares in TT Cloete se *Idiolek*. *Tydskrif vir Letterkunde* 1998; **36**(2): 51-59.
15. WARD R. Die soekoe na die "outentieke vrou" by TT Cloete. *Stilet* 1998; **10**(1): 21-34.
16. WARD R. Die vrou in TT Cloete se "toepassing van Dante". *Literator* 1998; **19**(1): 5-8.

Verrigtinge nasionaal/Proceedings national

1. BRITZ EC. Jan F Celliers se nabootsing van Gezelle se "Twee horsen" in sy "Die ossewa". Colloquium Nederlandse Literatuur in Zuid-Afrika. Stellenbosch, 1999: 25-29.
2. DUNN P. "Het eenvoudige verhaal van alwat onze vaderen hebben gedaan en geleden": HJ Hofstede se representasie van die Vrystaatse geskiedenis. Colloquium Nederlandse Literatuur in Zuid-Afrika. Stellenbosch, 1999: 37-44.
3. HUIGEN S. *Expedities vanuit Fort Lijdzaamheid (Delagoabaai), 1721-1730*. Colloquium Nederlandse Literatuur in Zuid-Afrika. Stellenbosch, 1999: 56-60.
4. PONELIS F. *Beurend teen die donker: Verkenning van Karel Schoeman*. Colloquium Nederlandse Literatuur in Zuid-Afrika. Stellenbosch, 1999: 17-24.
5. SPIES L. *Die verbintenis van die poëtikale en religieuse in enkele gedigte van Gerrit Achterberg*. Colloquium Nederlandse Literatuur in Zuid-Afrika. Stellenbosch, 1999: 30-36.

Referate internasionaal/Papers international

1. GOUWS RH. *Toward the formulation of a metalexicographic founded model for the national lexicography units in South Africa*. Heidelberger lexicographischen Kolloquium. Heidelberg, Germany, 1999.
2. VILJOEN L. *Constructing Africa: The relationship between self and place in the writing of Breyten Breytenbach*. International Conference on New African Perspectives: Africa, Australasia and the Wider World at the End of the Twentieth Century. Perth, Australia, 1999.

Referate nasionaal/Papers national

1. BRITZ EC. Vertaalwetenskaplike ondersoeksvelde, literêre vertaalteorie en die vertaling van Kartonnen dozen in Afrikaans. Simposium en Werkswinkel oor Literêre Vertaling. Stellenbosch, 1999.
2. DU TOIT PA. *Polemiese brieue: Die stylimplikasies van buitetalige konvensies*. Tweede Tweejaarlikse Simposium oor Taal en Kommunikasie van SAGUS. Stellenbosch, 1999.
3. FEINAUER AE. *Grammatiese verskuiwings tussen Afrikaans en Engels kan tot kommunikatiewe verskuiwings lei*. Tweede Tweejaarlikse Simposium oor Taal en Kommunikasie van SAGUS. Stellenbosch, 1999.
4. PONELIS F. *Afrikaans-English codeswitching and convergence*. Conference of the Linguistic Society of Southern Africa. Pretoria, 1999.
5. ROBINSON AS. *Konflik, representasie, interpretasie – die waarheid gelieg*. Conference of the Poetics and Linguistics Association. Potchefstroom, 1999.

6. VAN DER MERWE GS. *Die funksies en toepassings van retoriiese vrae*. Kongres van die Linguistevereniging van Suider-Afrika. Pretoria, 1999.
7. VAN ZYL DP. *Die Stellenbosse Universiteitskoordebakel – 'n retoriiese ondersoek*. Tweede Tweejaarlikse Simposium oor Taal en Kommunikasie van SAGUS. Stellenbosch, 1999.

Hoofstukke in boeke/Chapters in books

1. BRITZ EC. Lina Spies (1939 –). In: Van Coller HP, (red.). *Perspektief en profiel. Deel 2*. Van Schaik, 1999: 588-597.
2. BRITZ EC. SJ Pretorius (1917-1995). In: Van Coller HP, (red.). *Perspektief en profiel. Deel 2*. Van Schaik, 1999: 473-486.
3. BRITZ EC. WEG Louw (1913-1980). In: Van Coller HP, (red.). *Perspektief en profiel. Deel 1*. Van Schaik, 1999: 636-648.
4. DU TOIT PA. Abraham H de Vries. In: Van Coller HP, (red.). *Perspektief en profiel. Deel 1*. Van Schaik, 1999: 386-398.
5. DU TOIT PA. Hennie Aucamp. In: Van Coller HP, (red.). *Perspektief en profiel. Deel 1*. Van Schaik, 1999: 219-231.
6. HUIGEN S. Een dier met een hoorn voor den kop: De rationaliteit van het discours over een Zuidafrikaanse eenhoorn. In: Van der Berg DZ, (red.). *Oorbrugging: 'n Huldigingsbundel vir Wilfred Jonckheere*. Brevitas, 1998: 36-43.
7. PONELIS F. Afrikaans as a language of science. In: Wiegand HE, (red.). *Sprache und Sprachen in den Wissenschaften. Geschichte und Gegenwart. Festschrift für Walter de Gruyter & Co. anlässlich einer 250jährigen Verlagstradition*. Walter de Gruyter, 1999: 686-715.
8. PONELIS F. Het Afrikaans. In: Smedts W, Paardekooper PC, (reds.). *De Nederlandse taalkunde in kaart*. Acco, 1999: 57-66.
9. PONELIS F. Taalzuivering in het Afrikaans. In: Van der Sijs N, (red.). *Taaltrots. Purisme in een veertigtal talen*. Contact, 1999: 71-79.
10. VAN ZYL DP. Die Neerlandistiek in Suid-Afrika: Gister, vandag en môre. In: Van der Berg DZ, (red.). *Oorbrugging: 'n Huldigingsbundel vir Wilfred Jonckheere*. Brevitas, 1998: 36-43.
11. VILJOEN L. C Louis Leipoldt. In: Van Coller HP, (red.). *Perspektief en profiel. Deel 1*. Van Schaik, 1999: 575-585.
12. VILJOEN L. Riana Scheepers. In: Van Coller HP, (red.). *Perspektief en profiel. Deel 2*. Van Schaik, 1999: 532-543.

Doktoraal afgehandel/Doctoral completed

1. FOUCHE-VAN DER MERWE M. *Die gebruikersperspektief in die leksikografie*. DLitt, 1999. 275 pp. Promotor: Prof RH Gouws.

Magister afgehandel/Master's completed

1. MÜLLER W. *Die passiefkonstruksie as stylveranderlike in jaarverslae*. MA, 1999. 178 pp. Studieleier: Prof LG de Stadler.
2. PRINS JD. *'n Postmodernistiese lesing van Johan Johl se Roulet*. MA, 1999. 151 pp. Studieleier: Prof L Viljoen.

Doktoraal lopend/Doctoral current

1. BEYER H. *'n Metaleksikografiese ondersoek na konteksleiding in Afrikaanse vertalende woordeboeke*. DLitt Promotor: Prof RH Gouws.
2. BEZUIDENHOUT Z. *Die invloed van vroue-emansipasie op laat twintigste-eeuse poësie deur vrouedigtters in Nederlands en Afrikaans*. DLitt Promotor: Dr DP van Zyl.
3. BOTHA WF. *Die impak van die leksikografieteorie op die samestelling van die Woordeboek van die Afrikaanse taal*. DLitt Promotor: Prof RH Gouws.
4. CROUS MC. *Die diskouers van Antjie Krog se Lady Anne*. DLitt Promotor: Prof L Viljoen.
5. FOSTER PH. *Postmodernistiese tendensies in die historiografiese (meta-)poësie met spesifieke verwysing na Die heengaanrefrein van Wilma Stockenström*. DLitt Promotor: Prof L Viljoen.
6. JANSE VAN RENSBURG SC. *Die religieuze poësie van Sheila Cussons en TT Cloete: 'n Vergelykende studie*. DLitt Promotor: Prof L Spies.
7. LOUW PA. *Die rol van woordeboeke in die uitkomsgebaseerde onderwys*. DLitt Promotor: Prof RH Gouws.
8. LUTHER JGS. *Implikasies van Afrikaans-Engelse kontak vir die Afrikaanse leksikografie*. DLitt Promotor: Prof RH Gouws.
9. MALLO AM. *Ostensieve adressering in vertalende woordeboeke*. DLitt Promotor: Prof RH Gouws.
10. VAN NIEKERK AE. *Die problematiek van die leksikografiese toepasbaarheid van semantiese teorieë en die weergawe van betekenisinligting, met spesifieke verwysing na die WAT*. DLitt Promotor: Prof RH Gouws.
11. VISAGIE A. *Manlike subjektiwiteit in die Afrikaanse prosa sedert die jare negentig*. DLitt Promotor: Prof L Viljoen.
12. VOSLOO J. *Die manifestering van humor in tekste deur geselekteerde Afrikaanse kortverhaalskrywers*. DLitt Promotor: Dr DP van Zyl.
13. WARD R. *Die konstruksie van die vroulike subjek in die oeuvres van enkele Afrikaanse vrouedigtters sedert 1970*. DLitt Promotor: Prof L Viljoen.
14. WASSERMAN H. *Die mediëring van die Ander in Afrikaanse en Nederlandse kortverhale*. DLitt Promotor: Prof L Viljoen.
15. WOEST N. *Pynverwerking in die poësie van TT Cloete, Elisabeth Eybers, NP van Wyk Louw en Ina Rousseau*. DLitt Promotor: Prof L Spies.

Magister lopend/Master's current

1. BRAND JE *Lexicographic inconsistency in the central list of Major Dictionary/Groot Woordeboek*. MPhil Studieleier: Prof RH Gouws.
2. BRUWER N. *Sprokie-intertekste in Afrikaanse en Nederlandse kortverhale*. MA Studieleier: Dr DP van Zyl.
3. BUYS H. *Kenmerke van die Gotiese roman in Afrikaans, met spesifieke verwysing na tekste deur Francois Bloemhof en Reza de Wet*. MA Studieleier: Dr DP van Zyl.
4. COMPION M. *'n Ondersoek na die Scheherezade-figuur in die werk van Afrikaanse vroue-skrywers*. MA Studieleier: Prof L Viljoen.
5. DUNN P. *Historiese representasie in negentienda-eeuse Nederlandstalige historiese geskiedwerke oor Suid-Afrika*. MA Studieleier: Dr S Huigen.
6. ESTERHUIZEN I. *Die uitbeelding van die vrou in die moderne Afrikaanse plaasroman, met spesifieke verwysing na Eben Venter se Foxtrot van die vleiseters*. MA Studieleier: Prof L Viljoen.
7. FRYER C. *Aspekte van die ontstaansgeskiedenis van Elsa Joubert se Die reise van Isobelle*. MA Studieleier: Prof L Viljoen.
8. GOOS PF. *'n Kritiese ondersoek na die vertaling van kinderboeke vir voorskoolse lesers aan die hand van bepaalde norme vir kinderlektuur*. MA Studieleier: Dr AE Feinauer.
9. GROBLER L. *Representasie in twee reisverhale van Elsa Joubert*. MA Studieleier: Dr S Huigen.
10. HAASBROEK M. *'n Ondersoek na die terme parodie, pastiche en persiflage aan die hand van tekste deur André Letoit en Joan Hambidge*. MA Studieleier: Prof L Viljoen.
11. JORDAAN M. *Die representasie van slaafskap in Die Kremetartekspedisie deur Wilma Stockenström: Die voorstelling van die onvoorstelbare*. MA Studieleier: Dr S Huigen.
12. JORDAAN NJ. *PJ Schoeman as antropoloog en romanskrywer met spesifieke verwysing na sy Boesmanverhale*. MA Studieleier: Dr S Huigen.
13. RHEEDER AOI. *Die stripverhaal as sekvensiekuns, met spesifieke verwysing na TO Honiball en Bitterkomix*. MA Studieleier: Dr DP van Zyl.
14. SCHOEMAN R. *'n Vergelyking tussen 'n Nederlandse postkoloniale teks en Foxtrot van die vleiseters deur Eben Venter*. MA Studieleier: Dr DP van Zyl.
15. STARK M. *Die toegangstruktuur in Afrikaanse verklarende woordeboeke*. MA Studieleier: Prof RH Gouws.

AFRIKATALE (WAARBY INGESLUIT DIE NAVORSINGSEENHEID VIR EKSPERIMENTELE FONOLOGIE (NEFUS)) / AFRICAN LANGUAGES (INCLUDING THE RESEARCH UNIT FOR EXPERIMENTAL PHONOLOGY)

Tydskrifartikels/Journal articles

1. JONES J, LOUW J, ROUX JC. Perceptual experiments on queclaratives in Xhosa. *South African Journal of Linguistics* 1998; **36**: 19-32.
2. JONES J, LOUW J, ROUX JC. Queclaratives in Xhosa: An acoustic analysis. *South African Journal of Linguistics* 1998; **36**: 3-18.
3. LEWIS PW, ROUX JC. On Xhosa L2 speech and intelligibility: Vowels and clicks. *South African Journal of Linguistics* 1998; **36**: 51-63.
4. PRETORIUS R, WISSING DP, ROUX JC. Front vowel variation in Tswana. *South African Journal of Linguistics* 1998; **36**: 90-100.
5. ROUX JC. Xhosa: A tone or pitch-accent language? *South African Journal of Linguistics* 1998; **36**: 33-50.
6. SATYO NP. Women in Xhosa drama: Dramatic and cultural perspectives. *South African Journal of African Languages* 1999; **19**(3): 166-178.
7. ZULU NS. African literature in the next millennium. *South African Journal of African Languages* 1999; **19**(4): 290-301.

Verrigtinge internasionaal/Proceedings international

1. ROUX JC, LEWIS PW. *Xhosa L2 speech intelligibility: Ejectives, implosives and clicks*. Proceedings of the 14th International Congress of Phonetic Sciences. San Francisco, USA, 1999: 1149-1152. (CD-Rom)

Referate internasionaal/Papers international

1. JESSEN M. *The features [tense], [checked] and [voice] in auditory phonological representation*. International Conference on Distinctive Feature Theory. Berlin, Germany, 1999.
2. JESSEN M. *Redundant aspiration in German is controlled by closure duration*. Proceedings of the 14th International Congress of Phonetic Sciences. San Francisco, USA, 1999: 977-981. (CD-Rom)
3. NAIDOO S. *Feature geometry and technology in the new millennium*. 10th Biennial International Conference of the African Language Association of Southern Africa. Pretoria, South Africa, 1999.
4. ROUX JC. *African Language Engineering in the new millennium*. 10th Biennial International Conference of the African Language Association of Southern Africa. Pretoria, South Africa, 1999.

5. ROUX JC. *Language and Technology: Challenges for African languages in the next millennium*. 10th Biennial International Conference of the African Language Association of Southern Africa. Pretoria, South Africa, 1999.
6. SATYO N. *Women in Xhosa drama. Dramatic and cultural perspectives*. 10de Internasionale Kongres van die Afrikatalevereniging van Suider-Afrika. Pretoria, Suid-Afrika, 1999.
7. SWART PH. *Prosodic features of Imperatives in Xhosa: A perceptual experiment*. 10th Biennial International Conference of the African Language Association of Southern Africa. Pretoria, South Africa, 1999.
8. VISSER M. *The category DP in Xhosa and Northern Sotho: A comparative syntax*. 10de Internasionale kongres van die Afrikatalevereniging in Suider-Afrika. Pretoria, Suid-Afrika, 1999.
9. ZULU NS. *Tragic expressions in the Sesotho Novel*. 10de Internasionale Kongres van die Afrikatalevereniging van Suider-Afrika. Pretoria, Suid-Afrika, 1999.

Referate nasional/Papers national

1. DLALI M. *The politeness of indirect requests in Xhosa*. Kongres van die Afrikatale Vereniging van Suider-Afrika. Bellville, 1999.
2. JADEZWENI MW. *SEK Mqhayi – The People's Poet?* SAFOS Regional Conference. University of Zululand, KwaDlangezwa, 1999.
3. ROUX JC. *Introducing Translation technology to the South African scene*. National Seminar of the South African Translator's Institute. Midrand, 1999.

Boeke/Books

1. GERHARDT L, ROUX JC. *Induktiver Aufbau des Urbantu*. Rüdiger Köppe Verlag, Keulen, 1998. 116 pp.

Hoofstukke in boeke/Chapters in books

1. DOGIL G, MAYER J, ROUX JC. Syllables and unencoded speech: Clicks and their accompaniments in Xhosa. In: Rennison JR, Kühnhammer K, (eds). *Phonologica: Syllables!*? Thesus, Den Haag, 1999: 49-60.
2. JONES JJ, ROUX JC. Queclaratives in Xhosa. In: Finlayson R, (ed.). *African Mosaic*. Unisa Press, 1999: 164-172.

Magister afgehandel/Master's completed

1. LITHOLE FE. *The syntax of verbs with predicative complements in Venda*. MA, 1999. 125 pp. Studieleier: Prof JA du Plessis.
2. MADZIVHANDILA TG. *The syntactic properties of psych-verb in Venda*. MA, 1999. 190 pp. Studieleier: Prof JA du Plessis.
3. MAIVHA TG. *The argument structure of verbs of creation and transformation in Venda*. MA, 1999. 156 pp. Studieleier: Prof JA du Plessis.
4. MNGADI NE. *The adjective in Xhosa*. MA, 1999. 197 pp. Studieleier: Prof JA du Plessis.
5. MUSHIANE AC. *The preposition na in Venda*. MA, 1999. 163 pp. Studieleier: Prof JA du Plessis.
6. MUTHEIWANA HD. *The adjective in Venda*. MA, 1999. 170 pp. Studieleier: Prof JA du Plessis.
7. NKHUMELENI CT. *The syntax of constructions with verbs of placement in Venda*. MA, 1999. 190 pp. Studieleier: Dr MW Visser.
8. TSHIKALANGE KW. *The syntax of predicates of existence in Venda*. MA, 1999. 170 pp. Studieleier: Prof JA du Plessis.
9. TSHISHONGA VD. *Deverbatives in Venda*. MA, 1999. 76 pp. Studieleier: Prof JA du Plessis.

Doktoraal lopend/Doctoral current

1. CHIKANE OK. *The interaction between morphology and phonology in Setswana*. DLitt Promotor/medepromotor: Prof JC Roux/prof JA du Plessis.
2. DLALI M. *Politeness theory and requests in Xhosa*. DLitt Promotor: Prof JA du Plessis.
3. HLUNGWANI MC. *Derived nominals in Xitsonga*. DLitt Promotor: Prof JA du Plessis.
4. JADEZWENI MW. *Aspects of Xhosa poetry*. DLitt Promotor: Prof JA du Plessis.
5. JONES CJ. *Xhosa intonational structures: An acoustic-perceptual investigation*. DLitt Promotor: Prof JC Roux.
6. LEDWABA LT. *The semantics of nominals in Sepedi*. DLitt Promotor: Prof JA du Plessis.
7. MALETE AN. *Negation in Sesotho*. DLitt Promotor: Prof JA du Plessis.
8. MATAMELA TA. *The syntactic and semantic analysis of the idiom in Tshivenda*. DLitt Promotor: Prof JA du Plessis.
9. MAVUMENGWANA NG. *Deverbatives in Xhosa*. DLitt Promotor: Prof JA du Plessis.
10. MDEKAZI JN. *A framework for testing communicative language ability in Xhosa at Grade 12 level*. DLitt Promotor: Prof MW Visser.
11. MOTSEI AS. *The expression of aspect in Sesotho*. DLitt Promotor: Prof JA du Plessis.
12. NAIDOO S. *Aspects of Zulu phonology: An application of Feature Geometry Theory*. DLitt Promotor: Prof JC Roux.
13. NEKHUMBE NE. *Nominal inflectional categories of Tshivenda*. DLitt Promotor: Prof JA du Plessis.
14. NETSHISAULU NC. *Polysemy in Tshivenda*. DLitt Promotor: Prof JA du Plessis.
15. NXUMALO NE. *The deficient verb in Xitsonga*. DLitt Promotor: Prof JA du Plessis.
16. TSHITHUKHE AS. *Lexical semantics and causation in Tshivenda*. DLitt Promotor: Prof JA du Plessis.

Magister lopend/Master's current

1. DLEPU SE. *The generic structure of selected magazine texts in Xhosa*. MA Studieleier: Prof M Visser.
2. DUDUMASHE PPN. *The women's focus article in Xhosa as genre-text*. MA Studieleier: Prof M Visser.
3. GUNUNDU OT. *A framework for the analysis of writing in secondary school*. MA Studieleier: Prof MW Visser.
4. KGASAGO KP. *Palatalization in Northern Sotho: A linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
5. KGOE MOS. *The syntax of verbs of carrying and sending in Setswana*. MA Studieleier: Dr MW Visser.
6. MABASO XE. *Syntactic properties of predicates denoting change of possession in Tsonga*. MA Studieleier: Prof JA du Plessis.
7. MADIGOE MW. *Syllable structure processes in Northern Sotho*. MA Studieleier: Prof JC Roux.
8. MAEPA MC. *Nasal strengthening in Northern Sotho: A linear phonological analysis*. MA Studieleier: Prof JC Roux.
9. MAGONGOA WM. *Deverbalives in Northern Sotho*. MA Studieleier: Prof JA du Plessis.
10. MAKOETLANA NM. *Deverbalives in Xhosa*. MA Studieleier: Prof JA du Plessis.
11. MAMPHWE TC. *Neuter-passive in Venda*. MA Studieleier: Prof JA du Plessis.
12. MASALES RJ. *Acoustic and perceptual qualities of vowels in Northern Sotho*. MA Studieleier: Prof JC Roux.
13. MATLA TM. *Negation in Sotho*. MA Studieleier: Prof JA du Plessis.
14. MAZUBANE ES. *The syntactic nature of gender agreement in Zulu*. MA Studieleier: Prof JA du Plessis.
15. MAZWI NR. *Complexity, accuracy and fluency in task-based instruction for Xhosa second language at tertiary level*. MA Studieleier: Dr MW Visser.
16. MBATHA BZ. *The syntax of negation in Zulu*. MA Studieleier: Prof JA du Plessis.
17. MBETSE SA. *Syntactic properties of predicates denoting change of state in Tsonga*. MA Studieleier: Prof JA du Plessis.
18. MDWAYI V. *Palatalization in Xhosa: A linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
19. MUTHIGE AG. *The possessive in Venda*. MA Studieleier: Prof JA du Plessis.
20. MUTSILA NP. *Syntactic properties of negative verb constructions in Venda*. MA Studieleier: Prof JA du Plessis.
21. NEMAKHAVHANI PD. *Palatalization and labalization in Tshivenda: A linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
22. NGAKA MN. *Syntactic properties of predicates denoting creation and transformation in Sesotho*. MA Studieleier: Prof JA du Plessis.
23. NKOSI NE. *The external argument in Zulu*. MA Studieleier: Prof JA du Plessis.
24. PHINDANE PA. *Syntactic properties of break and bend verbs in Sesotho*. MA Studieleier: Prof JA du Plessis.
25. PIET FC. *A framework for the analysis of reading texts in secondary school*. MA Studieleier: Prof MW Visser.
26. RADZADZI MA. *Nasal strengthening in Tshivenda: A linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
27. SIBADELA MJ. *A communication theoretical analysis of greetings in Tshivenda in selected contexts*. MA Studieleier: Prof JA du Plessis.
28. SWART PH. *Prosodic features of imperatives in Xhosa: Implications for a text-to-speech system*. MA Studieleier: Prof JC Roux.

ALGEMENE TAALWETENSKAP / GENERAL LINGUISTICS

Tydskrifartikels/Journal articles

1. AARONS D. South African Sign Language: Changing Policies and Practices. *SPIL PLUS* 1999; **30**: 111-143.
2. BOTHA RP. On Chomsky's 'fable' of instantaneous language evolution. *Language & Communication* 1999; **19**(3): 243-257.
3. BOTHA RP. On the testability of theories of language evolution. *Stellenbosch Papers in Linguistics* 1999; **32**: 1-44.
4. HATTINGH E, LE ROUX C. Eerstetaaloordrag by aanvangsleerders van Engels as tweede taal. *SPIL PLUS* 1999; **30**: 47-77.
5. LE ROUX C. Second Language Acquisition: Grammar construction or piecemeal learning? *SPIL PLUS* 1999; **30**: 1-45.
6. LE ROUX C, WILSENACH C. Transfer from L1 to L2: a study of parameter values in the Afrikaans of a child L2 learner. *SPIL PLUS* 1999; **30**: 79-109.

Referate internasionaal/Papers international

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2. BOTHA RP. *Ontological problems in evolutionary linguistics*. 11th International Congress of Logic, Methodology and Philosophy of Science. Krakow, Poland, 1999.

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1. KEMP M-A. *The impairment of specific syntactic functional categories in Xhosa and Afrikaans speaking Broca's aphasics*. DPhil Promotor: Prof RP Botha.
2. LE ROUX C. *The relationship between inflectional morphology and the acquisition of word order in a second language: A study of the acquisition of Afrikaans as a second language*. DPhil Promotor: Prof RP Botha.

ANTIEKE STUDIE / ANTIQUE STUDIES

Tydskrifartikels/Journal articles

1. CLAASSEN JM. Classics for the next millennium: African options. *The Classical Outlook* 1999; **76**(4): 125-132.
2. CLAASSEN JM. Exsul Ludens: Ovid's exilic word games. *The Classical Bulletin* 1999; **75**(1): 23-35.
3. CONRADIE PJ. Die resepsie van enkele Afrikaanse opvoerings van Griekse tragedies. *Akroterion* 1999; **44**: 14-23.
4. COOK J. Apocalyptic terminology in the Septuagint of Proverbs. *Journal of Northwest Semitic Languages* 1999; **25**(1): 251-261.
5. COOK J. The law of Moses in Septuagint Proverbs. *Vetus Testamentum* 1999; **49**(4): 448-461.
6. COOK J. Proverbs 28 in the Septuagint of Proverbs. *Journal of Northwest Semitic Languages* 1999; **25**(2): 133-144.
7. CORNELIUS I. The goddess Qedeshet in Syro-Palestinian iconography. *Journal of Northwest Semitic Languages* 1999; **25**(2): 145-155.
8. CORNELIUS I. The iconography of weapons and warfare in Canaan (Palestine/Israel) c. 1500-1200 BCE. *Journal of Northwest Semitic Languages* 1999; **25**(1): 263-275.
9. KRUGER PA. "I will hedge her way with thornbushes" (Hosea 2,8): Another example of literary multiplicity. *Biblische Zeitschrift* 1999; **43**(1): 92-99.
10. KRUGER PA. Liggaamstaal as kommunikasie: perspektiewe uit die Hebreeuse Bybel. *In die Skriflig* 1999; **33**(2): 145-164.
11. KRUGER PA. "Om te staan tussen God en mense": Oor fasette van die profetiese amp in die Ou Testament. *Nederduits-Gereformeerde Teologiese Tydskrif* 1999; **40**(1-2): 73-82.
12. MEYER EE. Problematiese partikels: vertaal ons dit, of ignoreer ons dit? Voorstelle oor die partikel ki in Psalms 49 en 73. *Nederduits-Gereformeerde Teologiese Tydskrif* 1999; **40**(1-2): 110-122.
13. STIPP H-J. "Alles Fleisch hatte seinen Wandel auf der Erde verdorben" (Gen 6:12): Die Mitverantwortung der Tierwelt an der Sintflut nach der Priesterschrift. *Zeitschrift für die Alttestamentliche Wissenschaft* 1999; **111**: 167-186.
14. STIPP H-J. Jeremia 24: Geschichtsbild und historischer Ort. *Journal of Northwest Semitic Languages* 1999; **25**(1): 151-183.
15. STIPP H-J. Vier Gestalten einer Totenerweckungserzählung (1 Kön 17:17-24; 2 Kön 4:8-37; Apg 9:36-42; Apg 20:7-12). *Biblica* 1999; **80**(1): 43-77.
16. TALSTRA E. Reading Biblical Hebrew poetry: Linguistic structure or rhetorical device? *Journal of Northwest Semitic Languages* 1999; **25**(2): 93-120.
17. THOM S. Appearance and reality in Horace Odes 3:7-12. *Akroterion* 1999; **44**: 56-69.
18. VAN BEEK P. "V P A R Y E N I A P R A G M A A G G E L I K O N : O engelachtige maagdelijkheid": De correspondentie in het Grieks tussen de wijze maagd Anna Maria van Schurman (1607-1678) en Meletios Pantogalus, Bisschop van Efese (1595-1645). *Acta Patristica et Byzantina* 1999; **10**: 180-198.
19. VAN BEEK P. "Het Babel van haar tijd": Anna Maria van Schurman (1607-1678) en haar kennis van (oosterse) talen. *Tydskrif vir Nederlands en Afrikaans* 1999; **6**: 97-119.
20. VAN DER KOIJ A. The use of the Bible in ii Maccabees. *Journal of Northwest Semitic Languages* 1999; **25**(2): 121-132.
21. VAN DER MERWE CHJ. Explaining fronting in Biblical Hebrew. *Journal of Northwest Semitic Languages* 1999; **25**(2): 157-168.
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1. CLAASSEN JM. *African options*. Proceedings of the Fifth Conference of the International Society for the study of European Ideas (ISSEI): Memory, history, critique: European identity at the millennium. Utrecht, The Netherlands, 1996: CD ROM.

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1. COOK J. *Ideology and translation Technique: Two sides of the same coin?* International Congress of the International Organization for Septuagint and Cognate Studies. Helsinki, Finland, 1999.
2. COOK J. *The law of Moses in the Septuagint of Proverbs*. Gesamentlike kongres van die 42ste Ou-Testamentiese Werkgemeenskap van SA en die Oud-testamentische Werkgeselschap van Nederland. Pretoria, Suid-Afrika, 1999.
3. COOK J. *The Septuagint Version of Genesis: Text and/or Tradition?* Colloquium Biblicum Lovaniensia. Leuven, België, 1999.
4. KRUGER PA. *Silent Language: Observations on "nonverbal communication" in the Hebrew Bible*. International Congress of the Society of Biblical Literature. Lahti, Finland, 1999.
5. THOM JC. *Piety and impiety in the classical and early Christian world: A response*. Annual Meeting of the Society of Biblical Literature. Boston, USA, 1999.
6. THOM S. *Horace on Rome, theatre of the world*. Pacific Rim Roman Literature Conference. Rome, 1999.
7. VAN DER MERWE CHJ. *Bible Commentaries as hypertext*. Gesamentlike Kongres van die 42ste Ou-Testamentiese Werkgemeenskap van SA en die Oud-testamentische Werkgeselschap van Nederland. Pretoria, Suid-Afrika, 1999.
8. VAN DER MERWE CHJ. *Explaining fronting in Biblical Hebrew*. Annual Meeting of the Society of Biblical Literature. Boston, USA, 1999.
9. ZIETSMAN JC. *Roman law in South Africa – dead or alive?* Kentucky Foreign Language Conference (KFLC). Lexington, Kentucky, USA, 1999.
10. ZIETSMAN JC. *Terence's Eunuchus in Persius Satire 5.161-175*. Congress of the Classical Association of the Middle West and South (CAMWS). Cleveland, Ohio, USA, 1999.

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1. CLAASSEN JM. *Medea protea: Continuity and change in Ovid's presentation of character*. 23e Tweejaarlikse Kongres van die Klassieke Vereniging van Suid-Afrika. Bellville, 1999.
2. CORNELIUS I. *The "image" of women in ancient Egypt*. Jaarlikse Kongres van die Suider-Afrikaanse Vereniging vir Semitistiek. Pietersburg, 1999.
3. CORNELIUS I, VENTER PJ. *(Cyber)space the final frontier: Ancient Near Eastern Studies and IT*. Jaarlikse Kongres van die Suider-Afrikaanse Vereniging vir Semitistiek. Pietersburg, 1999.
4. KOTZE A. *Are Augustine's Confessions another anti-Manichean work?* Konferensie van die Suid-Afrikaanse Vereniging van Patristiese en Bisantynse Studies. Johannesburg, 1999.
5. KRUGER PA. *Nonverbal communication and ancient Near Eastern studies: Application of insights from the social sciences*. Jaarlikse Kongres van die Suider-Afrikaanse Vereniging vir Semitistiek. Pietersburg, 1999.
6. THOM JC. *The mind is its own place: Defining the *topos**. 23e Tweejaarlikse Kongres van die Klassieke Vereniging van Suid-Afrika. Bellville, 1999.
7. THOM JC. *Moral topoi as strategies of encoding and decoding meaning in Hellenistic and New Testament texts*. Constructing the socio-historic context of the New Testament Workshop. Potchefstroom, 1999.
8. THOM S. *Change and continuity in Horace Odes 3.7-12*. 23e Tweejaarlikse Kongres van die Klassieke Vereniging van Suid-Afrika. Bellville, 1999.
9. VAN BEEK P. *De Foeminis Doctis. Anna Maria van Schurman (1607-1678) and her female Republic of Letters*. 23e Tweejaarlikse Kongres van die Klassieke Vereniging van Suid-Afrika. Bellville, 1999.
10. VAN DER MERWE CHJ. *'n Konkordante vertaling van die Bybel in Afrikaans. Is dit hoegenaamd verantwoordbaar, en hoe sal dit lyk?* Simposium oor Bybelvertaling. Pretoria, 1999.
11. ZIETSMAN JC. *Comedy and Satire: Terence's Eunuchus in Persius Satire 5.161-175*. 23e Tweejaarlikse Kongres van die Klassieke Vereniging van Suid-Afrika. Bellville, 1999.

Boeke/Books

1. CLAASSEN JM. *Displaced persons: The literature of exile from Cicero to Boethius*. University of Wisconsin Press, Madison & Duckworths, London, VSA, 1999. 352 pp.
2. VAN DER MERWE CHJ, NAUDÉ JA, KROEZE JH. *A Biblical Hebrew Reference Grammar*. Sheffield Academic Press, Sheffield, 1999. 404 pp.

Hoofstukke in boeke/Chapters in books

1. CORNELIUS I. The iconography of Ugarit. In: Watson WGE, Wyatt N, (eds). *Handbook for Ugaritic Studies*. Brill, Leiden, 1999: 586-602.
2. VAN BEEK P. Een vrouw in de Republiek der Letteren: Gesprek met Anna Maria van Schurman. In: De Bruyn E, (red.). *Oog in oog met 17e-eeuwers: Gesprekken met protestantse dichters, schilders en musici*. Uitgeverij Boekencentrum, Zoetermeer, 1999: 59-70.

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1. NEL C. *Visuele voorstellings van geselekteerde Nubiese gode. 'n Ondersoek na die reliëfs by die leeu-tempels van Naqa en Musawwarat met spesifieke verwysing na die rol van die leeu-god Apedemak*. DPhil, 1999. 219 pp. + afbeeldings. Promotor: Prof I Cornelius.

Magister afgehandel/Master's completed

1. BREYTENBACH M. *The "myth" of Cleopatra: a reception-historical approach.* MA cum laude, 1999. 98 pp. Studieleier: Prof I Cornelius.
2. DEPOIX A. *Legalism and Apocalypticism in early Judaism.* MA cum laude, 1999. 151 pp. Studieleier: Prof J Cook.
3. EVANS A. *Hellenism and the formation of Coptic identity: 332BCE-200CE: A Coptic trajectory through a Hellenistic context.* MA cum laude, 1999. 100 pp. Studieleier: Prof J Cook.
4. KRIGE PFD. *Towards the historical context of Septuagint Proverbs.* MA cum laude, 1999. 177 pp. Studieleier: Prof J Cook.

Doktoriaal lopend/Doctoral current

1. BOEKER JduP. *The poet as moralist: Gnomic wisdom in the victory odes of Pindar.* DLitt Promotor: Prof JC Thom.
2. COETZEE A. *Urbanisation in Iron Age II Moab.* DPhil Promotor: Prof I Cornelius.
3. DALE LH. *The religious significance of the themes of animals and plants in early Zoroastrianism.* DPhil Promotor: Prof J Cook.
4. GERBER MH. *The role of the Hasidim in the build-up to the Maccabaean wars.* DPhil Promotor: Prof J Cook.
5. GWALI M. *The reception of Gen 1-3 in Nguni culture.* DLitt Promotor: Prof I Cornelius.
6. KOTZE A. *The poetics of Augustine's Confessions.* DLitt Promotor: Prof JC Thom.
7. KOTZE Z. *The expression of emotions in the Hebrew Bible.* DLitt Promotor: Prof PA Kruger.
8. KRITZINGER EM. *Die apokaliptiese oorlog tussen goed en kwaad in Zoroastriese, Qumran- en vroeg Christelike geskrifte.* DPhil Promotor: Prof J Cook.
9. PAYLE KD. *Final sentences in Biblical Hebrew narrative prose from Genesis to 2 Kings.* DLitt Promotor: Dr CHJ van der Merwe.
10. RHODE RF. *The fate of the evildoer in Psalm 49: A moral paradigm for humankind.* DLitt Promotor: Prof PA Kruger.
11. ROGERS J. *Wisdom as mediatrix in Ben Sira.* DLitt Promotor: Prof J Cook.
12. SCHNEIDER M. *Cicero haruspex vicissitudinis atque mutationis rei publicae: A study of Cicero's merit as a political analyst.* DLitt Promotor: Prof JM Claassen.
13. SMITH KG. *Christ as God: The translation of Christologically significant New Testament texts.* DLitt Promotor/medepromotor: Prof JC Thom/dr CHJ van der Merwe.
14. VAN SCHALKWYK CHJ. *Die logos-konsep by Filo Judaeus: 'n Kultuur-historiese studie. [The Logos-concept with Philo Judaeus: a Cultural-historical study].* DLitt Promotor: Prof J Cook.
15. VAN STEENBERGEN G. *Incongruent world views in Bible translation: The translation of Biblical Hebrew lexical terms referring to negative moral behaviour in the book of Isaiah into Pökoot.* DLitt Promotor: Dr CHJ van der Merwe.
16. VENTER PJ. *Manifestasies van "populêre religie" in Siro-Palestynse gemeenskappe tydens die Ysterwyd.* [Manifestations of "popular religion" in Syro-Palestinian societies of the Iron Age.]. DLitt Promotor: Prof PA Kruger.

Magister lopend/Master's current

1. BENSON DG. *Josephus' reasons for the Jewish Wars.* MA Studieleier: Prof J Cook.
2. BLANCKENBERG M. *Catullus se Lesbia-gedigte as 'n metafoor vir die kreatiewe proses.* MA Studieleier: Dr S Thom.
3. CONROY D. *A practical philosophical identity in Seneca's Epistulae Morales.* MA Studieleier/medestudieleier: Prof JC Thom/dr S Thom.
4. DU PLESSIS AFJ. *Cosmology in Augustine's Confessions Bk VII.* MA Studieleier/ medestudieleier: Mev A Kotzé/prof JC Thom.
5. GROVE C. *Horatius se personae in Odes 1.* MA Studieleier: Dr S Thom.
6. JACOBS M. *The role of women in the social organisation of Ancient Israel.* MA Studieleier: Prof PA Kruger.
7. MBOKAZI JT. *The iconography of the family in ancient Egypt.* MA Studieleier: Prof I Cornelius.
8. MOLYNEAUX E. *Political upheaval in early Judaism - the Hellenizers, the Hasidim and the Maccabean revolt.* MA Studieleier: Prof J Cook.
9. NDLALA TP. *Religion and politics in early Judaism - the role of the "national-religious revolutionaries" in early Judaism.* MA Studieleier: Prof J Cook.
10. POGGENPOEL GTB. *Opoeding en sosiale waardes in 'n kleinboerggemeenskap aan die hand van die boek Spreuke. [Education and social values in a peasant society in the light of the book Proverbs].* MA Studieleier: Prof PA Kruger.
11. RAY C. *Understanding the ancient Egyptians: the perspective of "living creature" hieroglyphs.* MA Studieleier: Prof I Cornelius.
12. RHODES GC. *Magie en divinasie in Siro-Palestynse gemeenskappe. [Magic and divination in Syro-Palestinian societies].* MA Studieleier: Prof PA Kruger.
13. VAN DER MERWE J. *Judaisme versus Hellenisme - is dit korrek om alle vorme van die Judaïsme van die 2de eeu vC as Hellenistiese Judaïsme te beskou (Martin Hengel)? [Judaism versus Hellenism - is it correct to interpret all forms of Judaism of the 2nd century BC as Hellenistic Judaism (Martin Hengel)?].* MA Studieleier: Prof J Cook.
14. VIVIERS S. *Aspects of the relationship between Parsism and Hellenism.* MA Studieleier: Prof J Cook.

ARCHEOLOGIE / ARCHAEOLOGY

Tydskrifartikels/Journal articles

1. WURZ SJD. The Howiesons Poort backed artefacts from Klasies River: An argument for symbolic behaviour. *South African Archaeological Bulletin* 1999; **54**: 38-50.

Referate internasional/Papers international

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Boek/Book

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Doktoraal lopend/Doctoral current

1. BRINK JS. *Late Pleistocene mammal faunas*. DPhil Promotor: Prof HJ Deacon.
2. WURZ SJD. *The middle Stone Age at Klasies River, South Africa*. DPhil Promotor: Prof HJ Deacon.

Magister lopend/Master's current

1. GOOSEN RJ. *Mineralogy of Pleistocene marine shell at Klasies River*. MA Studieleier: Prof HJ Deacon.
2. RUST R. *Rock art of the Anysberg*. MA Studieleier: Prof HJ Deacon.
3. VAN PLETZEN L. *The large mammal fauna of Klasies River*. MA Studieleier: Prof HJ Deacon.

BEELDENDE KUNSTE / FINE ARTS

Referate internasional/Papers international

1. KERR GJ. *Die kind lig sy hand teen sy moeder: "Young Afrikaners and the art of Outrage"*. Global Arts Beyond 2000, International Conference of Fine Arts Deans. Auckland, New Zealand, 1999.
2. VAN NIEKERK P. *The problems surrounding visual literacy and how it affects the practice of visual communication in modern day South Africa*. 22nd Annual International Conference of the African Studies Association of Australasia and the Pacific. University of Western Australia, Perth, 1999.

Referate nasionaal/Papers national

1. ARNOLD MI. *Possessing botanical interest: Thomas Baines's contribution to 19th century botany*. 15th Annual Conference of the South African Association of Art Historians. University of Natal, Pietermaritzburg, 1999.
2. BRUNDIT J, RACTLIFF J. *Speaking without words: photography as agent in communication and self-representation*. Encounters with Photography: Photographing people in Southern Africa 1860-1999. National Conference, South African Museum. Cape Town, 1999.

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1. ARNOLD MI. Thomas Baines and southern African flora: My small skill in botany. In: Stevenson M, (ed.). *Thomas Baines: An Artist in the Service of Science in Southern Africa*. Christies, London, 1999: 70-89.
2. ARNOLD MI. Irma Stern. In: *They Shaped Our Century: The most influential South Africans of the Twentieth Century*. Human & Rousseau, Cape Town – Pretoria – Johannesburg, 1999: 359-363.
3. ARNOLD MI. Recrimination and Imagination. In: Atkinson B, Breitz C, (eds). *Grey Areas: Representation, Identity and Politics in Contemporary South African Art*. Chalkham Hill Press, 1999: 37-39.

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1. BLIGNAUT J. *Die beskrywing van dke skilderkunsproses aan die hand van die algemene stelselteorie met spesiale verwysing na die komponent van transformasie*. MA (BK), 1999. 91 pp. Studieleier/meandestudieleier: Mnr V van der Merwe/dr T Smuts.
2. BOTHA M. *Portraiture as a paradigm of contemporary identities: An interdisciplinary study of text and image*. MA (BK), 1999. 142 pp. Studieleier: Dr M Arnold.
3. GROBLER L. *Beeld en breiwol: 'n Spel tussen teks, kulturele konteks en kunswerk*. MA (BK), 1999. 87 pp. Studieleier/meandestudieleier: Dr T Smuts/mnr V van der Merwe.

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1. BOEZAART K. *The avant garde and patronage in contemporary South African art jewellery.* MA (BK) Studieleier: Prof GJ Kerr.
2. BRUNDIT J. *Photographic representation of lesbian identity with special reference to a South African context.* MA (BK) Studieleier: Dr MI Arnold.
3. CRONJE K. *The female body as spectacle.* MA (BK) Studieleier/medestudieleier: Dr MI Arnold/mnr V van der Merwe.
4. JOSEPHY S. *Contesting the paradigms of South African photography: A study of women photographers.* MA (BK) Studieleier: Dr MI Arnold.
5. KADEN M. *Beeld en Teks.* MA (BK) Studieleier: Dr T Smuts.
6. KEITH M. *Modernism in South Africa during the 1930's - 1950's: The New Group and popular taste.* MA (BK) Studieleier: Prof GJ Kerr.
7. KEYSER N. *A new machine age: the relationship between technology and social change.* MA (BK) Studieleier: Dr MI Arnold.
8. MURRAY J. *"Ready-mades": Die urinaal vs die sopblikke.* MA (BK) Studieleier/medestudieleier: Dr T Smuts/mnr V van der Merwe.
9. VAN ROOYEN F. *Die gebruik van kralewerk in kontemporêre juweliersware.* MA (BK) Studieleier/medestudieleier: MnR V van der Merwe/mnr E Cassar.

DRAMA / DRAMA

Referate internasional/Papers international

1. ESTERHUIZEN J. *Breaking the mould, forging the future.* Cultural Production and Conflict Resolution. Institute of African Studies, University of Bayreuth, Germany, 1999.

Referate nasional/Papers national

1. PIENAAR S. *Mind the Gap: Architectural bondage and the Spaces Between.* Confluences Two Conference on Music and Dance: Articulating the Unspoken. University of Cape Town, School of Dance, 1999.

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1. CRUYWAGEN E. *Luisterleer: Die opvoedkundige moontlikhede van die hoorspel in Suid-Afrika.* DPhil, 1999. 280 pp. Promotor: Prof T Hauptfleisch.
1. HUTCHISON Y. *Memory is a Weapon: The Uses of History and Myth in selected post-1960 Kenyan, Nigerian and South African Plays.* DPhil, 1999. 326 pp Promotor/ medepromotor: Prof T Hauptfleisch/prof E Breitinger.

Magister afgehandel/Master's completed

1. DU TOIT J. *Die gebruiksmoontlikhede van die toneelpop.* MDram cum laude, 1999. 235 pp. Studieleier: Dr M Kruger.
2. HAUPTFLEISCH G. *Die konsep "multi-media teater": 'n Teoreties-empiriese ondersoek.* MDram, 1999. 122 pp. Studieleier: Dr E Hees.
3. VORSTER C. *Aspekte van kontemporêre teaterregie in Suid-Afrika.* MDram, 1999. 210 pp. Studieleier: Prof T Hauptfleisch.

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1. BAIN K. *Reading the Auteur: Film Theory and the Art of Cool.* MDram Studieleier: Prof T Hauptfleisch.
2. BOUWER J. *Fisike teater en gemeenskapskultuur in die Wes-Kaap.* MDram Studieleier: Me S Pienaar.
3. BRAND A. *Die manifestasie van die konsep "gemeenskapsteater" in Suid-Afrika sedert 1994.* MDram Studieleier: Dr M Kruger.
4. ESTERHUIZEN J. *Towards a realignment of the theatre administration in the Western Cape – a theoretical-empirical study.* MDram Studieleier: Prof T Hauptfleisch.
5. HUISMANS A. *Die interaksie tussen teks en konteks in die teater.* MDram Studieleier: Prof T Hauptfleisch.
6. MAASDORP L. *Die kortfilm: Sy aard, rol en potensiaal in Suid-Afrika.* MDram Studieleier: Prof T Hauptfleisch.
7. MOHR M. *From Anton Chekhov to Reza de Wet: A study of realism.* MDram Studieleier: Prof T Hauptfleisch.
8. ROUSSOUW K. *Ontwerp in die teater: 'n Teoreties-empiriese ondersoek.* MDram Studieleier: Prof T Hauptfleisch.
9. SCHOLTZ C. *Die relevansie en aard van toonskaaloefeninge in stemopleiding vir toneelspelers.* MDram Studieleier: Dr M Kruger.

ENGELS / ENGLISH

Tydskrifartikels/Journal articles

1. GAGIANO AH. Anomy and Agony in a Nation in Crisis: Soyinka's *Season of Anomy*. *English in Africa* 1999; **26**(2): 125-140.
2. GAGIANO AH. "Barbarism" and "Civilisation" in Shakespeare's *Titus Andronicus* and Marechera's *Black Sunlight*. *The Literary Griot: International Journal of Black Expressive Culture Studies* 1998; **10**(1): 13-27.
3. GAGIANO AH. "By what authority?" Presentations of the Khoisan in South African English Poetry. *Alternation* 1999; **6**(1): 155-173.
4. GAYLARD RP. An Unusual Freedom?: Mbulelo Mzamane's *Mzala*. *English Academy Review* 1999; **16**: 116-127.
5. GAYLARD RP. "Es'kia Mphahlele: Themes of Alienation and African Humanism" by Ruth Obee Review. *English Academy Review* 1999; **16**: 338-341.
6. HALE F. Academic Freedom vs Afrikaner Nationalism: The Case of HP Lamont's *War, Wine and Women*. *South African Journal of Cultural History* 1999; **13**(1): 55-70.
7. HALE F. The appeal of Catholic Educational Missions in John Munonye's *The Only Son*. *Irish Theological Quarterly* 1999; **64**(2): 141-156.
8. HALE F. Conflicting Paths towards Manhood in Timothy Wangusa's *Upon This Mountain*. *Missionalia* 1999; **27**(1): 96-114.
9. HALE F. Constructing the primal Boer image in Alice and Claude Askew's *The Shulamite*. *Quarterly Bulletin/Kwartaalblad* 1999; **53**(4): 115-127.
10. HALE F. The Critique of Roman Catholic Missionary Endeavours amongst the Ibos in Onuora Nzekwu's *Blade among the Boys*. *Svensk Missionstidskrift* 1999; **87**(1): 53-69.
11. HALE F. The Genesis of Swedish Lutheran Urban Missionary Endeavours on the Witwatersrand. *Studia Historiae Ecclesiasticae* 1999; **25**(2): 32-55.
12. HALE F. The Heroic Motif in Two Afrikaans Children's Novels about the Great Trek. *Die Kultuurhistorikus/The Cultural Historian* 1999; **14**(1): 32-57.
13. HALE F. Recounting the Removal: Recent Native American Literary Reconstructions of the Trail of Tears. *The Chronicles of Oklahoma* 1999; **77**(2): 132-149.
14. HALE F. South African Baptists and Ethics of Race Relations, 1924-1947. *Studia Historia Ecclesiasticae* 1999; **25**(1): 153-174.
15. HALE F. Voortrekker Values for Afrikaans Youth in Pieter van der Merwe Erasmus's *Twee Voortrekkerjies*. *Tydskrif vir Nederlands en Afrikaans* 1999; **6**(1): 48-62.
16. HEYNS MW. Houseless poverty in the House of Fiction: Vagrancy and Genre in two novels by JM Coetzee. *Current Writing* 1999; **11**(1): 20-35.
17. SWART M. Righting writing wrongs through multimedia. *SAALT Journal for Language Teaching* 1999; **33**(1): 72-79.

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1. GAGIANO AH. *Africa's two civilizational cradles: Re-Mapping our Parameters*. 25th Annual Conference of the African Literature Association. Fez, Morocco, 1999.
2. HEYNS MW. *Ravishers and cuckolds: Gender reversals in Southern African war narratives*. Conference on War and Gender. Barcelona, Spain, 1999.
3. NUTTALL S. *Autobiographical Acts*. New African Perspectives Conference. Perth, Australia, 1999.
4. NUTTALL S. *Reading, Recognition and the Post-Colonial*. African Readership Conference. Cambridge, England, 1999.
5. NUTTALL S. *Re-Imagining Cultural Studies*. Methodological Seminar for East Africa. Nairobi, Kenya, 1999.

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1. GAGIANO AH. *Unmasking 'African Machismo': Mphahlele's Chirundu*. "Relocating Literature: Africa and India" Conference. University of the Witwatersrand, Johannesburg, 1999.
2. HEYNS MW. *This daughter of some father with a gun on her back: War and gender in two Southern African war narratives*. Conference of the Association of University English Teachers of Southern Africa. Pretoria, 1999.
3. VAN PLETZEN E. *Worlds in Translation: Ezekiel Mphahlele and RK Narayan's fictions of Boyhood and Growing up*. "Relocating Literature: Africa and India" Conference. University of the Witwatersrand, Johannesburg, 1999.

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1. NUTTALL S. History and Identity in Contemporary Australian Women's Autobiography. In: Wimmer A, (ed.). *Australian Nationalism Reconsidered: Maintaining a Monocultural Tradition in a Multicultural Society*. Stauffenberg Verlag, 1999: 181-191.

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1. GAGIANO AH. *Forms of power and energies of change in the works of Chinua Achebe, Bessie Head and Dambudzo Marechera*. DLitt, 1999. 378 pp. Promotor: Dr EPH Hees.

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1. BROEKMAN S. *Writing about female oppression: The soul and political significance of Tsitsi Dangarembga's nervous conditions*. MA, 1999. 68 pp Studieleier: Dr S Nuttall.
2. DE VILLIERS DW. *Vision and voice: DH Lawrence, Henry Miller, and Jack Kerouac as Autobiographers of the Soul*. MA cum laude, 1999. 211 pp. Studieleiers: Drs BK Green en EPH Hees.
3. ZINAKA P. *Forms of hypocrisy in the writings of Dumbudzo Marechera*. MA, 1999. 55 pp. Studieleiers: Drs S Nuttall en AH Gagiano.

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1. HALE F. *Literary challenges to the Myth of the Heroic Voortrekkers: HP Lamont's "War, Wine and Women" and Stuart Cloete's "Turning Wheels"*. DLitt Promotor: Dr EPH Hees.
2. GOODMAN R. *The mechanics of satire, with particular reference to Jonathan Swift and George Orwell*. DLitt Promotor: Prof MW Heyns.

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1. BRENDL C. *Identity and representation on the Internet*. MA Studieleiers: Me R Alexander and dr S Nuttall.
2. CUNLIFFE R. *Exploration of the multifunctionality of language in Fugard's Regional Plays*. MA Studieleier: Dr EPH Hees.
3. ELLIS J. *Patriarchal structures of control and female homosocial relationships in the Novels of Charlotte Brontë*. MA Studieleier: Prof MW Heyns.
4. TOERIEN M. *Boundaries in Cyberpunk Fiction: Gibson's Neuromancer, Stephenson's Snowcrash and Sterling's Schismatrix*. MA Studieleier: Mnr R Goodman.
5. VAN ZYL L. *The Representation of Reality in Spenser's The Faerie Queene*. MA Studieleier: Mnr R Goodman.

FILOSOFIE (WAARBY INGESLUIT DIE SENTRUM VIR TOEGEPASTE ETIEK) / PHILOSOPHY (INCLUDING THE CENTRE FOR APPLIED ETHICS)

Tydskrifartikels/Journal articles

1. CILLIERS P. 'Complexity and Postmodernism. Understanding complex systems'. Reply to David Spurret. *South African Journal of Philosophy* 1999; **18**(2): 275-278.
2. CILLIERS P. Règles et Systèmes Complexes. *TLE* 1999; **17**: 39-50.
3. CILLIERS P, DEGENAAR JJ, VAN DER MERWE WL. Justice, Law and Philosophy. An interview with Jacques Derrida. *South African Journal of Philosophy* 1999; **18**(3): 279-286.
4. OLIVIER A. Filosofie met die liggaam? Oor filosofie van beweging. [Philosophy with the body? On philosophy of movement]. *South African Journal of Philosophy* 1999; **18**(4): 370-389.
5. VAN DER MERWE WL. Cultural relativism and the recognition of cultural differences. *South African Journal of Philosophy* 1999; **18**(3): 313-330.
6. VAN NIEKERK AA. The African Renaissance: Lessons from a predecessor. *Critical Arts: A Journal for Cultural Studies* 1999; **13**(2): 66-80.
7. VAN NIEKERK AA. Death, meaning and tragedy. *South African Journal of Philosophy* 1999; **18**(4): 408-426.
8. VAN NIEKERK AA. Gesigspunte oor die demokrasie in 'n transformerende Suid-Afrika. *Tydskrif vir Geesteswetenskappe* 1999; **39**(2): 111-117.
9. VAN NIEKERK AA. Media-etiek: Die storie, die verteller en die publiek. *Ecquid Novi* 1999; **20**(2): 86-100.
10. VAN NIEKERK AA. Modernity, mortality and mystery. *Philosophy Today* 1999; **43**(3): 226-242.
11. VERWOERD WJ. Individual and/or social justice after Apartheid? The South African Truth and Reconciliation Commission. *The European Journal of Development Research* 1999; **11**(2): 115-140.
12. VERWOERD WJ. Toward the truth about the TRC: a response to key moral criticisms of the South African Truth and Reconciliation Commission. *Religion and Theology* 1999; **6**(3): 303-324.

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1. CILLIERS P. *Complexity, Ethics and Justice*. Proceedings of the 43rd Annual Conference of the International Society for the System Sciences. Salinas, California, 1999: CD Rom.
2. DEGENAAR JJ. *Die spanning tussen voortbestaan en geregtigheid*. Hoofreferaat by Jaarvergadering van die Nederlands-Zuid-Afrikaanse Vereniging. Amsterdam, Nederland, 1999: 1-17.
3. HATTINGH JP. *Are we there yet? Taking stock of three decades of environmental ethics. Growing together*. Proceedings of the Annual Conference and Workshops of the Environmental Education Association of Southern Africa (EEASA). Rhodes University, Grahamstown, 1999: 50-78.
4. HATTINGH JP. *Culture, difference, power and multiculturalism*. Proceedings of the Annual Meeting of the Center for Ethics. Catholic University Nijmegen (CEKUN) and the Zentrum für Ethik in der Wissenschaften (ZEW Tübingen), 1999: 29-42.

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1. CILLIERS P. *What can we learn from a theory of complexity? Managing the Complex*. Third Annual Symposium of the New England Complex Systems Institute. Boston, USA, 1999.
2. HATTINGH JP. *Africa's Renaissance, Michel Foucault and emancipation: Moving from subjection to subjectivity*. Visit to the Royal Institute of Philosophy. Cardiff University, 1999.
3. HATTINGH JP. *Culture, difference, power and multiculturalism*. Interdepartemente Colloquium van Filosofiedosenten van Universiteit van Nijmegen en Tübingen. Nijmegen, Nederland, 1999.
4. HATTINGH JP. *Doing environmental ethics in a developing country: A view from South Africa*. Colloquium: Centrum voor Ethiek. Katholieke Universiteit van Nijmegen, Nederland, 1999.
5. RICHARDSON K, CILLIERS P, LISSACK M. *Operational Analysis for Strategy Development in a Postmodern World*. Annual Conference of the Operational Research Society (OR41). Edinburgh, UK, 1999.
6. VAN DER MERWE WL. *Cultural relativism and the recognition of differences*. Simposium oor "Taak en Werkwize van de praktiese Filosofie aan die hand van multiculturelisme als casus". Nijmegen, Nederland, 1999.
7. VAN NIEKERK AA. *How do we test a social theory?* 11th International Congress of Logic, Methodology and Philosophy of Science. Cracow, Pole, 1999.
8. VERWOERD WJ. *Moral Criticisms and Replies: On the South African Truth and Reconciliation Commission*. Internasionale Konferensie oor "Dilemmas of Reconciliation". Calgary, Kanada, 1999.
9. VERWOERD WJ. *Our winds of change: toward truth, reconciliation and justice in postapartheid South Africa*. Parliament of the World's Religions. Kaapstad, 1999.

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1. CILLIERS P. *Rules and (Cognitive) Complex systems*. Spring Colloquium. Rhodes University. Grahamstown, 1998.
2. VAN NIEKERK AA. *Ethical and socio-political aspects of HIV/AIDS Infection*. Jaarkongres van die Dermatologiese Vereniging van Suid-Afrika. Kaapstad, 1999.
3. VAN NIEKERK AA. *Mystery versus modernist thinking about death*. 25ste Jaarkongres van die Wysgerige Vereniging van Suider-Afrika. Bloemfontein, 1999.
4. VAN NIEKERK AA. *Die rol van Afrikaanse belangs-organisasies: Die eise van die tyd*. Streekskongres van die FAK in die Wes-Kaap. Stellenbosch, 1999.
5. VAN NIEKERK AA. *The value of democracy and democracy as value*. Kongres oor die demokratisering van die onderwys in SA, Fakulteit Opvoedkunde, US en die Konrad Adenhauer Stiftung. Stellenbosch, 1999.

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1. VERWOERD WJ. Justice after Apartheid? Reflections on the South African TRC. In: Brooks RL, (ed.). *When Sorry isn't Enough: The controversy over apologies and reparations for human injustice*. New York University Press, New York, 1999: 479-486.

Doktoraal afgehandel/Doctoral completed

1. POTGIETER FJ. *Die ontstaan van die metaforese perspektief op kuns en sosiale verandering: 'n Herevaluering van die moderne artistieke praktyk*. DPhil, 1999. 302 pp. Promotor: Prof JP Hattingh.
2. PRAEG L. *African philosophy and the quest for autonomy: A philosophical investigation*. DPhil, 1999. 270 pp. Promotor: Prof JP Hattingh.
3. VOGES FWJ. *Sustainable development and the socially embedded firm. An inquiry into the nature, causes and transformation of structural unsustainability in contemporary liberal capitalism*. DPhil, 1999. 371 pp. Promotor: Prof JP Hattingh.

Magister afgehandel/Master's completed

1. BAUGHAN H. *Science, society and holistic modes of thought*. MPhil, 1999. 220 pp. Studieleier: Prof JP Hattingh.
2. BOEZAK S. *Fragments of subjectivity: an analysis of the relationship between contemporary feminist theory and postmodernism in search of a new subjectivity*. MA, 1999. Studieleier: Prof JP Hattingh.
3. HOWARTH G. *The tyranny of the kilogram: the ethics of resuscitating early neonates in South Africa*. MPhil, 1999. 87 pp. Studieleier: Prof AA van Niekerk.
4. KNAPP VAN BOGAERT D. *Those different from us: ethical thoughts arising from disability and difference*. MPhil, 1999. 98 pp. Studieleier: Prof AA van Niekerk.
5. MOODLEY K. *HIV vaccine trial participation in the Third World: An ethical assessment*. MPhil, 1999. 64 pp. Studieleier: Prof AA van Niekerk.
6. PATTERSON C. *The morality of the ethics of hunting: towards common ground*. MPhil, 1999. 84 pp. Studieleier: Prof JP Hattingh.
7. SMIT E. *Teleological explanation and the Darwinian argument*. MA, 1999. 130 pp. Studieleier: Prof AA van Niekerk.
8. VAN RENSBURG E. *The environmental implications of the ethical tenets of the South African population policy*. MPhil, 1999. 181 pp. Studieleier: Prof JP Hattingh.

Doktoraal lopend/Doctoral current

- BURNS MER. *Environmental ethics as a key determinant of environmental assessment process and methodology*. DPhil Promotor/medepromotor (ekstern): Prof JP Hattingh/ prof LW Canter (University of Oklahoma).
- CLOETE M. *Postmetaphysical versus postmodern thinking: A critical appraisal of Habermas' debate with Postmodernism*. DPhil Promotor: Prof AA van Niekerk.
- DODDS-TALJAARD ME. *The evolution of the systems paradigm in philosophy*. DPhil Promotor: Prof AA van Niekerk.
- FOURIE H. *Developing a heuristic framework for understanding contemporary technology: A philosophical and sociological study*. DPhil Promotor/medepromotor: Prof J Mouton/prof FP Cilliers.
- LONG SS. *The formulation of an environmental ethic for civil engineers in South Africa*. DPhil Promotor: Prof JP Hattingh.
- MARSHALL AH. *The concept of a practical, global environmental ethics*. DPhil Promotor: Prof JP Hattingh.
- MOOMAL Z. *The reconcilability of historicity and objectivity as knowledge ideals*. DPhil Promotor: Prof AA van Niekerk.
- NGQUBA M. *The ethics of physician-assisted suicide*. DPhil Promotor: Prof AA van Niekerk.
- PIETERSEN GE. *Pyn en menslikheid: filosofiese perspektiewe op die aard en (on-)sin van die ervaring van menslike pyn*. DPhil Promotor: Prof AA van Niekerk.
- READER U. *Modernity and Instrumental Rationality: A critical assessment of the relation between modernisation and the technologization of the lifeworld*. DPhil Promotor: Prof WL van der Merwe.
- ROODT V. *Justice, agency and the politics of agonism in the philosophy of Hannah Arendt and Friedrich Nietzsche*. DPhil Promotor: Prof WP Esterhuyse.
- SLABBERT NJ. *Technology, Nature, Culture: Environmental concepts in the philosophy of John Dewey*. DPhil Promotor: Prof JP Hattingh.
- TLHAPANE MS. *Principlism and AIDS: A study in applied ethics*. DPhil Promotor: Prof AA van Niekerk.

Magister lopend/Master's current

- ALHEIT WA. *Die etiese regverdiging van die sosiale verantwoordelikheid van ondernemings*. MA Studieleier: Prof WP Esterhuyse.
- BERGER M. *A morally justifiable policy for PAS in South Africa*. MPhil Studieleier: Prof AA van Niekerk.
- BROEKMAN RJ. *Power in the physician-patient relationship*. MPhil Studieleier: Prof AA van Niekerk.
- CHANNING J. *Towards district development forums?* MPhil Studieleier: Prof JP Hattingh.
- DE VILLIERS S. *Surrogate decision-making for the mentally ill: An ethical enquiry*. MPhil Studieleier: Prof AA van Niekerk.
- DE WET M. *The role of values in corporate culture*. MA Studieleier: Prof WP Esterhuyse.
- ELS JPJ. *Normatiwiteit en kontingensie in die denke van Richard Rorty*. MA Studieleier: Prof WL van der Merwe.
- ENGLISH R. *Mining for a sustainable environment. Examining the oxymoron*. MPhil Studieleier: Prof JP Hattingh.
- ESSER J. *Perspektiewe op etiese kwessies in die ondersteunende dienste van die mediese praktyk*. MPhil Studieleier: Prof AA van Niekerk.
- FOUCHE J. *"God" as grensbegrip en/of begripsgrens*. MA Studieleier: Prof WL van der Merwe.
- GARDINER LA. *Derrida, "Différance" and Tao*. MA Studieleier: Prof FP Cilliers.
- GOEDVOLK W. *Epistemologie versus hermeneutiek? 'n Kritiese analise van die epistemologie-kritiek van Richard Rorty*. MA Studieleier: Prof AA van Niekerk.
- HAMMAN JN. *Post-structural Ethics: Derrida, Levinas and the problem of social responsibility*. MA Studieleier: Dr FP Cilliers.
- JALI M. *The ethics of organ transplants in an African context*. MPhil Studieleier: Prof AA van Niekerk.
- JONKER C. *Die self in die denke van Kierkegaard, Jung en Sartre*. MA Studieleier: Prof WL van der Merwe.
- LANDMAN L. *Creating an economy with a human face: a philosophical investigation of Ulrich Duchrow's conception of a life-sustaining economy*. MA Studieleier: Prof JP Hattingh.
- MAHLATI MP. *The medical profession in a transforming society: values, ideals and role*. MPhil Studieleier: Prof AA van Niekerk.
- MALAN YH. *Responsibility Before the Law*. MA Studieleier: Dr FP Cilliers.
- MAZWAI L. *Informed consent and African culture*. MPhil Studieleier: Prof AA van Niekerk.
- MOLEPO RE. *An ethical evaluation of the referral system in primary health care in the West Rand region*. MPhil Studieleier: Prof JP Hattingh.
- MOORE W. *Theodicee en analitiese filosofie*. MA Studieleier: Prof AA van Niekerk.
- MPUNTSHA L. *Continuing Professional Development in medicine: the inherent values of the system for quality assurance in health care*. MPhil Studieleier: Prof AA van Niekerk.
- NICHOLLS G. *Personal rights*. MPhil Studieleier: Prof AA van Niekerk.
- NTATU T. *Health care as human right*. MPhil Studieleier: Prof AA van Niekerk.
- OLIVIER A. *Die etiek van verantwoordelikheid: 'n kritis-filosofiese analise*. MA Studieleier: Prof AA van Niekerk.
- PAUW JC. *Multikulturalisme en die kultuurkritiek van Alain Finkielkraut*. MA Studieleier: Prof WL van der Merwe.
- REYNEKE J. *Omgewing en ontwikkeling: 'n Filosofiese verkenning van 'n spanningsverhouding*. MA Studieleier: Prof JP Hattingh.
- TERREBLANCHE SJ. *Subjektiwiteit en etiese verantwoordelikhedsbesef in die denke van Levinas*. MA Studieleier: Prof WL van der Merwe.
- VAN BOGAERT LJF. *Abortion as Complex Issue*. MPhil Studieleier: Prof FP Cilliers.
- VAN DEN HEEVER JA. *Darwin and Biological Understanding*. MA Studieleier: Dr FP Cilliers.

GEOGRAFIE EN OMGEWINGSTUDIE (WAARBY INGESLUIT DIE SENTRUM VIR GEOGRAFIESE ANALISE) / GEOGRAPHY AND ENVIRONMENTAL STUDIES (INCLUDING THE CENTRE FOR GEOGRAPHICAL ANALYSIS)

Tydskrifartikels/Journal articles

1. BARNARD W. Die weg na 'n omgewingsgeografie. *Acta Academica* 1999; **31**(2): 131-161.
2. CEDRAS L, VAN DER MERWE IJ. Landelik-stedelike interaksie en plaaslike owerheidsbestuur in die Stellenbosch-distrik. *Acta Academica* 1999; **31**(2): 185-202.
3. DONALDSON SE, VAN DER MERWE IJ. Deracialisation of urban business space: Street traders in Pietersburg. *Acta Academica* 1999; **31**(1): 140-166.
4. DONALDSON SE, VAN DER MERWE IJ. Residential desegregation and the property market in Pietersburg, 1992-1997. *Urban Forum* 1999; **10**(2): 237-259.
5. DONALDSON SE, VAN DER MERWE IJ. Urban transformation and social change in Pietersburg during transition. *Society in Transition* 1999; **30**(1): 69-83.
6. VAN RIE A, BEYERS N, GIE RP, KUNNEKE M, ZIETSMAN HL, DONALD PR. Childhood tuberculosis in an urban population in South Africa: Burden and risk factor. *Archives of Disease in Childhood* 1999; **80**: 433-437.
7. VISSER G, VAN HUYSTEEN MKR. Guest houses: the emergence of a new tourist accommodation type in the South African tourism industry. *Tourism and Hospitality Research: The Surrey Quarterly Review* 1999; **1**(2): 155-175.

Verrigte internasionaal/Proceedings international

1. DONALDSON SE, VAN DER MERWE IJ. *Restructuring of informal business space in Pietersburg*. Annual Meeting of the International Geographical Union (IGU) – Commission of Urban Development and Urban Life. Mexico, 1999: 99-110.

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1. JACOBS JA, DE NECKER PH. *Participatory identification of urban open space uses for ecodevelopment: Driftsands Nature Reserve, Cape Flats*. Third Biennial International Conference of the Society of South African Geographers, "Focus Africa: Networking Transformation on the Millennium Continent". Windhoek, Namibia, 1999.
2. ZIETSMAN HL. *GIS in African countries: Quo vadis?* Third Biennial International Conference of the Society of South African Geographers, "Focus Africa: Networking Transformation on the Millennium Continent". Windhoek, Namibia, 1999.

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1. SINSKE S, ZIETSMAN, HL. *G/S supported sewer system analysis using Arcview. Innovation in IT for Civil Engineering*. 21st Symposium: The South African Institution of Civil Engineering, Information Technology Division. Stellenbosch, 1999.

Boek/Book

1. VAN DER MERWE JH, VLOK AC. *Senior desk atlas*. Kagiso Education, 1999. 124 pp.

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1. DENNIS MOSS PARTNERSHIP, ZIETSMAN HL, CONSULTUS. *Development profile: Stellenbosch Transitional Representative Council*. Winelands District Council, Stellenbosch, 1999. 71 pp.
2. DENNIS MOSS PARTNERSHIP, ZIETSMAN HL, CONSULTUS. *Municipal Demarcation Board: An integrated framework of nodal points for Metropolitan and District Council Areas in South Africa*. Report no 10. Mayor's Forum, Winelands, Stellenbosch, 1999. 45 pp.
3. VAN HUYSTEEN MKR, RUSH K. *Potential recipients on the West Coast. The South African fog water collection project*. WRC Report No 671/1/99, Water Research Council, 1999: 110-122.
4. ZIETSMAN HL, CONSULTUS, DENNIS MOSS PARTNERSHIP. *Response to the request from the Metropolitan Co-ordinating Forum regarding: Views relating to the determination of the area that should form part of a Category A municipality in the Cape metropolitan Area*. Report no 8, Mayor's Forum, Winelands, Stellenbosch, 1999. 72 pp.

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1. DONALDSON SE. *Restructuring in a South African city during transformation: Urban development and transformation in Pietersburg during the 1990s*. DPhil, 1999. 444 pp. Promotor: Prof IJ van der Merwe.

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2. JACOBS JA. *Eko-ontwikkeling van stedelike oopruimtes: Driftsands Natuurreservaat as gevallestudie*. MSc, 1999. 89 pp. Studieleier: Dr PH de Necker.
3. LOHRENTZ G. *Die afbakening van 'n plantegroeibufferstrook as element van omgewingsbewaring: Die Saldanha-Langebaan kuszone*. MA, 1999. 73 pp. Studieleier: Dr JH van der Merwe.
4. MALHERBE R. *Optimizing refuse collection routes with a GIS: The Paarl Municipality as a case study*. MA, 1999. 65 pp. Studieleier/medestudieleier: Prof HL Zietsman/mnr A van Niekerk.
5. RAMAKOAE ME. *Evaluation of groundwater as a domestic water resource for the rural villages in the Eastern Cape near Matatiele*. MSc, 1999. 65 pp. Studieleier/ medestudieleier: Prof HL Zietsman/mnr BHA Schloms.
6. SMIT HAP. *Die impak van verskillende tipes passe op 'n bergomgewing: Die Attakwaskloof-, Cloetes- en Robinsonpasse*. MA, 1999. 83 pp. Studieleier: Mnr BHA Schloms.
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1. DAVIDS AS. *The geography of public health services and disease in the Eastern Cape: Implications for health systems reforms*. DPhil Promotor: Dr JH van der Merwe.
2. FRONEMAN CA. *Die rol van aftree-oorde binne die behuisingsisteem vir bejaardes in groter Kaapstad: 'n Stedelik-geografiese perspektief*. DPhil Promotor/medepromotor: Mnr MKR van Huyssteen/prof IJ van der Merwe.
3. SINSKE SA. *A spatial decision support system for maintenance management of municipal distribution systems*. PhD Promotor: Prof HL Zietsman.
4. VAN NIEKERK A. *Design and implementation of a spatial decision support system for potential conservation area identification in the Western Cape*. PhD Promotor: Dr JH van der Merwe.

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1. AKINNUSI G. *Probability mapping of veld fire occurrence in the mountain regions of the South Western Cape*. MSc Studieleier/medestudieleier: Mnr BHA Schloms/prof HL Zietsman.
2. CHOMA MI. *Hazard-risk assessment and potential impact of total (industrial and municipal) cumulative waste and pollution generation on the South African Highveld*. MA Studieleier/medestudieleier: Dr JH van der Merwe/mnr BHA Schloms.
3. CRAFFORD J. *Die gebruikswaarde van geografiese inligtingstelsels (GIS) in die tyddeelbedryf: Vakansiebestemmings in suidelike Afrika vir eienaars en potensiële kopers*. MA Studieleier/medestudieleier: Dr PH de Necker/prof HL Zietsman.
4. DE WITT E. *Ruimtelike verwantskappe tussen kultuurtoerisme en kleinhandel in Leuven, België: 'n GIS-toepassing*. MA Studieleier: Dr PH de Necker (bygestaan deur prof M Jansen-Verbeke, KUL).
5. DU PREEZ C. *Parke as ruimtelike, sosiaal-ekologiese bate in die Bellville munisipale gebied*. MA Studieleier/medestudieleier: Mnr PJ Elöff/dr JH van der Merwe.
6. DZIVHANI MA. *Land degradation in the Northern Province: Evaluating Landcare initiatives in Mutale District (Limpopo sub-region)*. MA Studieleier/medestudieleier: Mnr PJ Elöff/dr JH van der Merwe.
7. GREENWOOD KC. *Sea-surface temperatures around the Southern African coast: Aspects and applications*. MSc Studieleier/medestudieleier: Mnr BHA Schloms/dr M Gründlingh.
8. HOBSON AGC. *A GIS application in the utility industry of natural gas reticulation*. MA Studieleier: Prof HL Zietsman.
9. JAMES AJ. *Identifisering van ontwikkeling-sensitiwiese areas teen berghange: Stellenbosch- en Hottentotshollandberge*. MA Studieleier/medestudieleier: Mnr BHA Schloms/mnr A van Niekerk.
10. KUNNEKE MM. *Vestiging van gemeenskapsgedrewe geïntegreerde rivierbekkenbestuur: Die Veldwachtersrivier as gevallestudie*. MA Studieleier: Dr JH van der Merwe.
11. McKECHNIE JJ. *'n GIS-onderzoek na die kultuurtoerisme potensiaal van Mechelen, België en die rol van kulturele toerisme in stedelike hernuwing*. MA Studieleier: Dr PH de Necker (bygestaan deur prof M Jansen-Verbeke, KUL).
12. MOHAMED A. *Applying environmental management systems: The University of Stellenbosch case study*. MSc Studieleier/medestudieleier: Mnr BHA Schloms/dr JH van der Merwe.
13. MORAKENG P. *Temporal and spatial patterns of vehicle-related crime in the central area of Stellenbosch*. MA Studieleier: Mnr MKR van Huyssteen.
14. NTENE ME. *Assessment of ecotourism potential of the Katse Area, Lesotho*. MA Studieleier: Dr JH van der Merwe.
15. OPPERMAN D. *Agriculture and the bio-physical environment: A GIS based inventory and analysis of the Western Cape*. MA Studieleier: Prof HL Zietsman.
16. PRETORIUS C. *An assessment of satellite remotely sensed data for physical coastal sensitivity mapping as input to the Outeniqua DSS*. MA Studieleier: Prof HL Zietsman.
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18. SEMOLI BP. *An assesment of the practice and potential of industrial solid waste minimisation in South Africa: A case study of Stellenbosch*. MSc Studieleier/medestudieleier: Mnr MKR van Huyssteen/dr JH van der Merwe.

19. SMIT WJ. *A comparison of satellite remote sensing techniques for mapping fire scars in the Swellendam area*. MA Studieleier: Mnr A van Niekerk.
20. STEYN E. *Ontwikkelingspotensiaal van wateropervlaktes vir buitelugontspanning en eko-toerisme in die sentrale Breëriviervallei*. MA Studieleier: Mnr MKR van Huysteen.
21. SWANEVELDER SA. *'n Ontleding van voertuigongelukke op die N1 met behulp van 'n GIS*. MA Studieleier: Prof HL Zietsman.
22. TEMPLE AM. *The geography of cricket in the Boland*. MA Studieleier/meandestudieleier: Mnr PJ Elof/mnr A van Niekerk.
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24. VAN DER WESTHUIZEN P. *Die ontwikkeling van 'n ruimtelike besluitnemingsstelsel om visuele landskap te kwantifiseer*. MA Studieleier/meandestudieleier: Mnr A van Niekerk/ mnr BHA Schloms.
25. VAN DEVENTER H. *The integration of commercial farmers' local knowledge in a GIS for land reform*. MA Studieleier: Prof HL Zietsman.
26. VAN LILL SWP. *Ontwikkeling van 'n driedimensionele netwerkmodule vir optimale roetebepaling*. MA Studieleier/meandestudieleier: Prof HL Zietsman/mnr A Van Niekerk.
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5. VENTER C. Jotham Joubert: Profiel van 'n Kaapse rebel. *Tydskrif vir Geesteswetenskappe* 1999; **39**(34): 329-341.
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2. EHLERS A. *The Anglo-Boer War: Stimulus for the formation of Afrikaans Rural Trust Companies and Boards of Executors. From PAT to BOE 1900-1998*. Unisa Library Conference: Rethinking the South African War. UNISA, Pretoria, 1998.

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2. STALS ELP, OTTO-REINER A. *Oorlog en vrede aan die Kunene: Die verhaal van Kaptein Vita ("Oorlog") Tom, of Harunga, 1863-1937*. Capital Press, 1999. 96 pp.

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2. FERGUSON Y. *'n Onsroek na die rol van die volksgeneeskunde en die geassosieerde volksgelowe in die Katrievallei-gemeenskap.* MA cum laude, 1999. 190 pp. Studieleier: Dr M Burden.
3. GERICKE MF. *Die invloed van die godsdiensbelewing en geloofslewé van die Afrikaanssprekende in die George-omgewing (1920-1940) op sy lewensuitkyk en lewenswyse.* MA cum laude, 1999. 106 pp. Studieleier: Dr M Burden.
4. KRIEL ML. *Ekonomiese en etiese probleme as oorsake van die konflik in die voormalige Joegoslawië.* MA cum laude, 1999. 208 pp. Studieleier: Prof PH Kapp.
5. OLIVIER A. *'n Interpretasie van die vryetydsbesteding in Barberton, 1884-1940, om die invloed van 'n Engels-Victoriaanse kultuur in 'n Oos-Transvaalse myngemeenskap te bepaal.* MA, 1999. 110 pp. Studieleier: Dr M Burden.
6. STRYDOM M. *'n Vergelyking van die faktore wat tussen 1949 en 1979 'n veranderde Amerikaanse beleid teenoor die Chinese Volksrepubliek teweeggebring het.* MA cum laude, 1999. 198 pp. Studieleier: Prof PH Kapp.
7. VORSTER L. *Die bydrae van Walter Blersch as stadsklerk tot die argitektoniese nalatenskap van Stellenbosch.* MA, 1999. 184 pp. Studieleier: Dr M Burden.

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1. KOPERSKI J. *William Fehr (1892-1968) and his contribution to the study of South African history and culture.* DPhil Promotor: Prof PH Kapp.
2. MARKRAM WJ. *Die lewe en werk van Petrus Lafras Uys, 1797-1938.* DPhil Promotor: Dr C Venter.
3. EHLERS A. *Die geskiedenis van Boland Bank se eksekuteurskamers en trustmaatskappye tot 1971.* DPhil Promotor: Prof DJ van Zyl.
4. HEIBERG JP. *Dr AL Geyer as Suid-Afrika se Hoë Kommissaris in Londen (1950-1954).* DPhil Promotor: Prof PH Kapp.
5. HERBST RO. *Die Kareberggrens – aspekte van 'n grenssituasie gedurende die neentiende eeu.* DPhil Promotor: Prof DJ van Zyl.
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7. PUNT LF. *Die Smoushandel in die Geskiedenis van die Kaapse Oosgrens, 1830-1850.* DPhil Promotor: Prof PH Kapp.
8. VAN DER LINDE W. *Die neerslag van Art Deco in Suid-Afrika as manifestasie van 'n internasionale tydges en styl, met spesifieke verwysing na die argitektuur.* DPhil Promotor: Dr M Burden.
9. VERSTER FP. *'n Kultuurhistoriese ontleding van die werk van TO Honiball met spesifieke verwysing na pikturele humor.* DPhil Promotor: Dr M Burden.
10. VISSER GE. *Die geskiedenis van die Suid-Afrikaanse Militêre Akademie, 1950-1990.* DPhil Promotor: Prof PH Kapp.
11. VISSER WP. *Die rol van die pers in die politieke en ekonomiese mobilisasie van georganiseerde blanke arbeidersbewegings in Suid-Afrika, 1908-1924.* DPhil Promotor: Prof DJ van Zyl.

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1. ABRAHAMS P. *Die dokumentering, bewaring en waardebepaling van die volkskultuur van die plaaswerkers in die Hopefield-omgewing.* MA Studieleier: Dr M Burden.
2. BARNARD E. *Volksboukuns in die Swellendam-omgewing.* MA Studieleier: Dr M Burden.
3. BARNARD JMM. *Die Erika Theron-kommissie, 1973-1976: 'n historiese studie.* MA Studieleier: Dr C Venter.
4. BOONZAAIER I. *Die Wet op Landelike Gebiede (Wet 9 van 1987) en sy probleme: 'n Historiese oorsig.* MA Studieleier: Prof PH Kapp.
5. BOSHOFF A. *Die impak van die grensoorlog (Suidwes-Afrika – Angola) op die lewe van die soldate, aan die hand van volksvertellings oor die oorlog.* MA Studieleier: Dr M Burden.
6. BOTHA M. *Die Arabiese-Israeli konflik en die Koue Oorlog, 1965-1975.* MA Studieleier: Prof PH Kapp.
7. BRAND A. *Die bestaansreg van Geskiedenis binne Kurrikulum 2005.* MPhil Studieleier: Prof AE Carl.
8. BURGER P. *Die invloed van die Anglo-Boereoorlog op die burgerlike bevolking van Oudtshoorn, 1899-1902.* MA Studieleier: Dr C Venter.
9. CARSTENS JHM. *Identiteit in 'n Verenigde Europa vanaf die Verdrag van Rome tot die vrede van Kosovo, 1957-1999.* MA Studieleier: Prof PH Kapp.
10. CONRADIE-FAUL J. *'n Museologiese ondersoek na die mens se benutting van die skulp en skulpdier vir die doel van uitstellingsontwerp.* MA Studieleier: Dr M Burden.
11. COREEJES P. *'n Genealogiese en kultuurhistoriese studie van die Coreejes-familie in Suid-Afrika, 1800-2000.* MA Studieleier: Dr M Burden.
12. DE VAAL P. *Die bewaring van argivale rekords in privaatversamelings.* MA Studieleier: Dr M Burden.
13. EKERMANS B. *Die ontwerp van 'n ordeningstelsel vir 'n kultuurhistoriese navorsingssentrum.* MA Studieleier: Dr M Burden.
14. ENSLIN R. *Die geskiedenis van die Junior rapportryer-beweging, 1958-1983.* MA Studieleier: Prof PH Kapp.
15. ING ML. *'n Onsroek na die waarde van kultuurhistoriese bakens in Parow vir toerisme en opvoedkundige doeleindes.* MA Studieleier: Dr M Burden.

16. KENMUIR I. 'n Kultuurhistoriese ondersoek na Neo-Gotiese kerkargitektuur in die Wes-Kaap. MA Studieleier: Dr M Burden.
17. LOUW V. *Die Berlynse krisis van 1958*. MA. Studieleier: Prof PH Kapp.
18. LUND H. *Die ontwikkeling van NAVO se struktuur en strategie, 1955-1969*. MA Studieleier: Prof PH Kapp.
19. MEINTJIES S. *Die potensiaal van gastehuise in die Wes-Kaap om tradisionele kultuur aan die toeris oor te dra*. MA Studieleier: Dr M Burden.
20. MURRAY P. *Historiese feite en fiksie in 'n werk van Etienne van Heerden*. MA Studieleier: Prof PH Kapp.
21. OCTOBER HNN. *Die VSA se veranderde beleid teenoor die Republiek van China (Taiwan), 1969-1979*. MA Studieleier: Prof PH Kapp.
22. RETIEF L. *Die rol van sages in die Afrikaanssprekende gemeenskap*. MA Studieleier: Dr M Burden.
23. SMIT S. *Die aanwending van picturale Africana as bron vir 'n kultuurhistoriese evaluering van 'n geografiese area, met as model die Paarl-omgewing, 1650-1800*. MA Studieleier: Mnr H van der Merwe.
24. STRAUSS E. 'n Kultuurhistoriese en opvoedkundige waardebepaling van plaasskole in die Overberg-omgewing, in die lig van uifasering. MA Studieleier: Dr M Burden.
25. VAN DER HOVEN L. 'n Ondersoek na en evaluering van die kultuurinhoud van die Agulhasplein, vir die doelwit van die daarstelling van 'n Nasionale Park. MA Studieleier: Dr M Burden.
26. VAN DER MERWE JF. 'n Genealogiese studie van die nasate van Isaac van der Merwe. MA Studieleier: Dr M Burden.
27. VAN ZYL A. 'n Ondersoek na die bewarenswaardigheid van die Elandvlei gebouekompleks. MA Studieleier: Dr M Burden.
28. WEIL T. *Die inskakeling van die Jode by die Afrikaanssprekende gemeenskap op die platteland van 1880-1950*. MA Studieleier: Dr M Burden.

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2. KINGHORN J. Coping in Sodom and Gomorrah – Christianity and the delivery of social welfare in South Africa. *Social Work/Maatskaplike Werk* 1998; **34**(1): 80-89.
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4. MÜLLER HP. Encountering recent African migrants and immigrants to South Africa: Towards understanding the role of religion and culture in the reception of recent African migrants and immigrants to South Africa. *Scriptura* 1999; **1**(68): 67-73.
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1. BIYELA I. *Partners in education: some policy guidelines for improving relationships amongst roleplayers in the New Education System*. MPhil Studieleier: Prof BC Lategan.
2. BOOI K. *Policy formulation in textile industries – labour relations*. MPhil Studieleier: Me A Kritzinger.
3. DALY K. *Drug trade in inner-city Johannesburg*. MPhil Studieleier: Mnr F van Aswegen.
4. GEORGE V. *Development through external aid in rural South Africa*. MPhil Studieleier: Dr HP Müller.
5. GQWETA SV. *Alternative instruments for promoting socio-economic development - a case study of the presidential project team*. MPhil Studieleier: Prof CJ Groenewald.
6. HOOSSEN AR. *The culture of nonpayment for municipal services in former KwaZulu townships. A case study of Madadeni and Osizweni in the greater Newcastle area*. MPhil Studieleier: Prof S Bekker.
7. HUMAN PJ. *The socio-economic consequences of legalised gambling*. MPhil Studieleier: Prof HJ Kotzé.

8. JAMILE BP. *Towards developing adequate management policies for the improvement of the school performance of learners in the Mahlabathini circuit of education*. MPhil Studieleier: Dr HP Müller.
9. KNOX QD. *The regulation of Independent Life Assurance Brokers in South Africa*. MPhil Studieleier: Prof JP Hattingh.
10. MAASDORP CH. *The notion of Knowledge Creation in the light of theories of post-industrial society*. MPhil Studieleier: Dr HP Müller.
11. MAHLATI P. *The medical profession in a transforming society: values, ideals and role*. MPhil Studieleier: Prof AA van Niekerk.
12. MAJOLA LJ. *The impact of career development on the organisational commitment of employees: A link between personal development and organisational effectiveness with reference to ESKOM*. MPhil Studieleier: Dr HP Müller.
13. MPUNTSHA LF. *Public-Private partnerships in health care: ethical and value considerations*. MPhil Studieleier: Prof AA van Niekerk.
14. MULUVAHOTE N. *Mozambique: From preventive diplomacy to conflict resolution and peace-building*. MPhil Studieleier: Prof WJ Breytenbach.
15. NCUME S. *The restructuring of local authorities in South Africa: Towards sustainability and efficient service delivery*. MPhil Studieleier: Prof WJ Breytenbach.
16. PIETERSE AR. *Democracy in transition: A case study of the public participation process in the integrated development framework in the West Coast region*. MPhil Studieleier: Prof CJ Groenewald.
17. ROOPA S. *The structural and systemic changes necessary to make the North West Provincial Administration more effective and efficient*. MPhil Studieleier: Prof CJ Groenewald.
18. VAN TONDER D. *Peace-building and land mines in Mozambique*. MPhil Studieleier: Prof WJ Breytenbach.
19. VREKEN JH. *Theories of power in the knowledge society*. MPhil Studieleier: Prof BC Lategan.

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2. TAYLOR I. *Class, Gender and Ecology in Spatial Development Initiatives: The Case of the Maputo Development Corridor*. South African Perspectives No. 82, 1999. 23 pp.

Doktoraal afgehandel/Doctoral completed

1. BRIDGMAN M. *Between binationalism and isolationism: The contours of US foreign policy towards post-apartheid South Africa*. DPhil, 1999. 265 pp. Promotor: Prof PR Nel.
2. TAYLOR IC. *Hegemony, "common sense" and compromise: A neo-Gramscian analysis of multilateralism in South Africa's Post-Apartheid Foreign Policy*. DPhil, 1999. 351 pp. Promotor: Prof PR Nel.

Magister afgehandel/Master's completed

1. STEYN JW. *Konflik op die Kaapse Vlakte: 'n Ontleding van die kenmerke van lae intensiteit konflik in die optrede van Pagad (November 1995 – Februarie 1998)*. MA, 1999. 113 pp. Studieleier: Prof PvdP du Toit.
2. VAN DER NEST M. *Institutionalising en partysteun onder elites in Suid-Afrika*. MA, 1999. 205 pp. Studieleier: Prof HJ Kotzé.
3. WEHNER H-G. *Fiscal federalism in South Africa*. MA cum laude, 1999. 135 pp. Studieleier: Prof HJ Kotzé.

Doktoraal lopend/Doctoral current

1. CHOEU C. *The debate on a second chamber for South Africa: A comparative analysis*. PhD Promotor: Prof HJ Kotzé.
2. DAVIES RJ. *Rebuilding the future: The politics of identity and Afrikaner nationalism in post-liberation South Africa*. DPhil Promotor/medepromotor: Prof HJ Kotzé/prof PvdP du Toit.

3. GARCIA-RIVERO CG. *The composition and changes in the South African middle class: What implications for consolidating democracy?* DPhil Promotor/medepromotor: Prof HJ Kotzé/prof PvdP du Toit.
4. LEYSENS AJ. *Survival strategies and states in Southern Africa: A case study of the Caprivi Region in Namibia.* DPhil Promotor: Prof PR Nel.
5. NIJZINK HW. *Constraints on and opportunities for the institutional development of South Africa's new Parliament: An exploratory case study.* DPhil Promotor: Prof HJ Kotzé.
6. THIEL HPE. *The state and social movements in South Africa: an analysis of political protest, 1994-1998.* DPhil Promotor: Prof HJ Kotzé.
7. VOLGRAAFF H. *Materialist and post-materialist values in South Africa: the potential for growth in environmental and green movements.* DPhil Promotor: Prof HJ Kotzé.

Magister lopend/Master's current

1. FOURIE G. *Suid-Afrika se Internasionale Betrekkinge met Frankryk (1981-1992).* MA Studieleier: Mnr AJ Leysens.
2. HÖOSEN NM. *The South African Transition and the Politics of Massacre, 1984-1994.* MA Studieleier: Prof PvdP du Toit.
3. JORDAAN E. *The political economy of international food aid to sub-Saharan Africa since 1990.* MA Studieleier: Prof PR Nel.
4. KANGAS L. *Is the Namibian democracy consolidated?* MA Studieleier: Prof WJ Breytenbach.
5. MORTON N. *Parks that cross the borderline: An exploration of the rise of a new form of interstate co-operation.* MA Studieleier: Prof PR Nel.
6. RICHMOND W. *Those who dare to stay behind: skilled emigration from South Africa.* MA Studieleier: Prof HJ Kotzé.
7. SCOTT G. *United Nations Peacekeeping in sub-Saharan Africa: Is the Charters' Mandate still applicable?* MA Studieleier: Prof WJ Breytenbach.
8. VAN TONDER D. *Peace-building and Landmine Removal in Mozambique.* MPhil Studieleier: Prof WJ Breytenbach.
9. VAN WYK JK. *Environmental issues in South Africa: Perspectives on the role of elites.* MA Studieleier: Prof HJ Kotzé.
10. WESSELS RP. *The cost of South Africa's 1999 national election: Too high a price for democracy?* MA Studieleier: Prof HJ Kotzé.

SIELKUNDE / PSYCHOLOGY

Tydskrifartikels/Journal articles

1. BOSHOFF SC, VAN DER MERWE AP, KOTZE HF, VAN ROOYEN JW. Marital or relationship stressors and parents' worries about children in the community of Kayamandi, Stellenbosch. *Social Work/Maatskaplike Werk* 1998; **34**(4): 406-411.
2. CAMPBELL ME, SPANGENBERG JJ. Stress and coping strategies in recently detoxified alcoholics. *Urban Health and Development Bulletin* 1999; **2**(1): 58-62.
3. DE VOS HM, POTGIETER JR, BLAAUW JH. Physiological and psychological effects of active-alert hypnosis. *Psychological Reports* 1999; **84**: 1123-1126.
4. GREEFF AP, LE ROUX MC. Parents' and adolescents' perceptions of a strong family. *Psychological Reports* 1999; **84**: 1219-1224.
5. GROSSMAN FK, KRUGER L, MOORE RP. Reflections on a feminist research project. Subjectivity and the wish for intimacy and equality. *Psychology of Women Quarterly* 1999; **23**: 117-135.
6. MARAIS A, DE VILLIERS PJT, MÖLLER AT, STEIN DJ. Domestic violence in patients visiting general practitioners – prevalence, phenomenology, and association with psychopathology. *South African Medical Journal* 1999; **89**: 635-640.
7. MEYER JC, ALBERTS C. The relationship between Marcia's ego identity statuses and selected personality variables in an African context. *International Journal for the Advancement of Counselling* 1998; **20**: 277-288.
8. MÖLLER AT, VAN TONDER MC. Cognitive-behaviour therapy in South Africa. *Journal of Rational-Emotive and Cognitive-Behaviour Therapy* 1999; **17**: 141-143.
9. NORTJE C, VAN DER WESTHUIZEN leR, MÖLLER AT, OELLERMANN BY. Expertise and performance on the emotional Stroop task. *Perceptual and Motor Skills* 1999; **88**: 1361-1362.
10. PLÜDDEMANN A, THERON WH. Linking adolescent alcohol use to self-consciousness and parent-adolescent communication. *Urban Health and Development Bulletin* 1999; **2**(1): 63-68.
11. SMITH MR. Deconstructing thesis supervision. Postgraduate supervision. *Research Review* 1999; **13**: 3-6.
12. SPANGENBERG JJ, CAMPBELL ME. Anxiety, depression and coping strategies in recently detoxified alcoholics. *Alcoholism Treatment Quarterly* 1999; **17**(3): 71-82.
13. SPANGENBERG JJ, THERON JC. Stress and coping strategies in spouses of depressed patients. *The Journal of Psychology* 1999; **133**(3): 253-262.
14. VAN NIEKERK JK, MÖLLER AT, NORTJE C. Self-schemas in social phobia and panic disorder. *Psychological Reports* 1999; **84**: 843-854.
15. VENTER MM, SPANGENBERG JJ, HUGO FJ, ROBERTS MC. Coping styles and depression in patients with systemic lupus erythematosus and rheumatoid arthritis. *South African Medical Journal* 1999; **89**(9): 987-991.
16. WHITELAW DA, SPANGENBERG JJ, HUGO FH, RICKMAN R, ROBERTS M. The association between the antiphospholipid antibody syndrome and neuropsychological impairment in SLE. *Lupus* 1999; **8**: 444-448.

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- ARGYROU H, KRUGER L. *Deconstructing gender in the narratives of cross-dressers*. British Psychological Society, Psychology of Women Conference. Manchester, 1999.
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- DE VOS HM. *The unconscious mind and physical performance*. 8th Biennial Congress of the South African Sports Medicine Association. Johannesburg, 1999.
- DU TOIT PL, MÖLLER AT. *Early maladaptive schemas in personality disorders*. 6th International Congress on the Disorders of Personality. Geneva, Switzerland, 1999.
- GREEFF AP. *Process and progress in couple outcome research*. European Brief Therapy Association Conference. Carlisle, England, 1999.
- KRUGER L. *The social construction of the meaning of motherhood: Essentialist discourses*. Women's Worlds '99 Conference. Tromso, Norway, 1999.
- KRUGER L, VAN MENS-VERHULST J, CAMPBELL M, DE VILLIERS S. *Understanding the psychological distress of female farmworkers of colour in South Africa: The limits and potential of psychiatric epidemiology*. Conference Workshop at the Women's World '99 Conference. Tromso, Norway, 1999.
- LESCH L. *Female adolescent sexuality in a rural community*. African Psychology Congress. Durban, 1999.
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- MÖLLER AT. *Rational-emotive behaviour therapy in the treatment of adult victims of childhood sexual abuse*. 29th Annual Congress of the European Association of Behavioural and Cognitive Therapies. Dresden, Germany, 1999.
- SPANGENBERG JJ, CAMPBELL ME. *Anxiety, depression and coping strategies in recently detoxified alcoholics*. 20th International Congress of the Stress and Anxiety Research Society. Krakow, Pole, 1999.
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- LOCHNER C, KRUGER L. *Women on farms: Discourses of distress*. Normality and psychopathology in the late 20th century: Qualitative Conference. Johannesburg, 1999.
- MATTHEE DD. *Ritual revisited*. Normality and Psychopathology in the late 20th century. Qualitative Conference. Johannesburg, 1999.
- SMITH MR. *Role expectations for supervisors*. 2nd Postgraduate Experience Conference. Cape Town, 1999.

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- TREDOUX C, SMITH MR. Jumping to conclusions: An overview of inferential statistical methods. In: Terreblanche M, Durrheim K, (eds). *Research in practice*. University of Cape Town Press, Cape Town, 1999: 331-354.

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- LOUW M. *Die ontwikkeling van 'n geïntegreerde psigoterapie-model vir selfverwesenlikingsproblematiek in die middelleeftydsorgang*. DPhil, 1999. 231 pp. Promotor: Prof TWB van der Westhuysen.
- RIEKERT J. *Kognitiewe gedragsterapie in die volwasse slagoffer van kindermolestering*. DPhil, 1999. 222 pp. Promotor: Prof AT Möller.

Magister afgehandel/Master's completed

- ARGYROU H. *"Delusions of glam dear". The drag artist and the construction of a gender identity*. MA, 1999. 100 pp. Studieleier: Dr L-M Kruger.
- BOTHMA ME. *Body dissatisfaction and irrational beliefs*. MSc, 1999. 52 pp. Studieleier: Prof AT Möller.
- BROWN CE. *'n Onderzoek in die persepsie en uitvoer van die moederlike rol*. MA, 1999. 56 pp. Studieleier: Mnr HM de Vos.
- CHICKTE BARTEY Z. *A demographic profile of inpatient adolescents at Lentegeur Hospital from 1992 to 1995*. MA, 1999. 78 pp. Studieleier: Mnr MR Smith.
- CORBET-OWEN C. *The meaning of pregnancy loss: Implications for mental health*. MA, 1999. 70 pp. Studieleier: Dr L-M Kruger.
- DU TOIT PL. *Cognitive schemas in personality disorders*. MA, 1999. 136 pp. Studieleier: Prof AT Möller.
- FAURE S. *Stress and coping in women undergoing first-trimester abortions*. MA, 1999. 33 pp. Studieleier: Me H Loxton.
- FERULA Z. *Perceived incompatibility of a homosexual identity and family roles: A qualitative investigation of the relationship between gay males and their parents*. MA, 1999. 50 pp. Studieleier: Prof TWB van der Westhuysen.

9. GERMAN H. *After the act: Women's experience of abortion in one South African community*. MA, 1999. 180 pp. Studieleier: Dr L-M Kruger.
10. HARTMAN EL. *Job performance ratings and managerial motivation of middle-level managers at a South African financial institution*. MA, 1999. 29 pp. Studieleiers: Dr AP Greeff.
11. HENDERSON K. *Stress and coping amongst Black adolescents in the Western Cape: An exploratory study*. MA, 1999. 34 pp. Studieleier: Dr JJ Spangenberg.
12. ISAACS W. *Die verband tussen persoonlikheid en beroepsbelangstelling soos gemeet by eerstejaar studente*. MA, 1999. 123 pp. Studieleier: Dr JC Meyer.
13. KOYANA VNS. *The experience of affirmative action by Black African workers: A phenomenological enquiry*. MA, 1999. 108 pp. Studieleier: Mnr HM de Vos.
14. LINKS A. *Die houding van jeuglede teenoor die Christian Youth Movement: Die rol van "sense of coherence"*. MA, 1999. 47 pp. Studieleier: Prof TWB van der Westhuysen.
15. LOCHNER C. *Women on farms: Discourses of distress*. MA, 1999. 80 pp. Studieleier: Dr L-M Kruger.
16. MALHERBE D. *The contribution of self-efficacy and outcome expectations towards the prediction of exercise adherence*. MA, 1999. 31 pp. Studieleier: Mnr HR Steel.
17. MARTALAS AM. *An exploratory study regarding the contents of the expressed fears in children attending preschools on the Atlantic Seaboard*. MA, 1999. 60 pp. Studieleier: Me H Loxton.
18. NORTIER S. *The relationship between sense of coherence and ego development*. MA, 1999. 115 pp. Studieleier: Prof TWB van der Westhuysen.
19. STANTON LM. *Tuberkulose-Menigitis en aandagtekort hiperaktiwiteitsversteuring*. MA, 1999. 22 pp. Studieleier: Dr J Wait.
20. STUART A-M. *The effect of riding therapy on the self-concept and locus of control of physically disabled children*. MSc, 1999. 141 pp. Studieleier: Me H Loxton.
21. TERBLANCHE L. *An exploration of Rave culture as a predisposing maintaining and precipitating factor in eating disorders*. MA, 1999. 100 pp. Studieleier: Mnr MR Smith.
22. THERON FH. *Detection of malingering with objective assessment scales*. MSc, 1999. 30 pp. Studieleier/medestudieier: Dr FJ Hugo/dr JJ Spangenberg.
23. VAN NIEKERK RS. *Die standaardisering van die Kreatiewe Verbeeldingskaal (KVS) op voorgraadse sielkunde studente aan die universiteit van Stellenbosch*. MA, 1999. 58 pp. Studieleier: Mnr HM de Vos.
24. VENTER E. *Premenstrual syndrome and cognitive functions*. MA, 1999. 31 pp. Studieleier: Dr JJ Spangenberg.
25. VILJOEN H. *Huwelikstevredenheid en vryetydbesteding*. MA, 1999. 33 pp. Studieleier: Dr AP Greeff.

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1. DE VILLIERS RH. *Verliesverwerking na ontvalling: 'n Psigo-ontwikkelingsprogram vir adolessente*. DPhil Promotor: Prof TWB van der Westhuysen.
2. DE WET C. *Die verband tussen kontinuiteit van binding en kognitiewe selfskemas*. DPhil Promotor: Dr J Wait.
3. FOURIE K. *The utilisation of clinical hypnotherapy as therapeutic technique in the reduction of medical costs*. DPhil Promotor: Prof TWB van der Westhuysen.
4. LESCH E. *Female adolescent sexuality in a coloured rural community: Implications for reproductive health programmes*. DPhil Promotor: Dr L-M Kruger.
5. MARSHALL J. *The development of a psychological programme within the context of health psychology to assist parents of children with cystic fibrosis*. DPhil Promotor: Prof TWB van der Westhuysen.
6. NORTJE C. *Kognitiewe terapie en blootstelling in die behandeling van sosiale fobie*. DPhil Promotor: Prof AT Möller.
7. POSTHUMUS T. *Kognitiewe terapie en hipnose in die behandeling van sosiale fobie*. DPhil Promotor: Prof AT Möller.
8. THERON JC. *Exposure in the treatment of post traumatic stress disorder*. DPhil Promotor: Prof AT Möller.
9. VAN DER WESTHUIZEN IeR. *Significant others and the activation of interpersonal scripts*. DPhil Promotor: Prof AT Möller.

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1. ARENDSE R. *Free play and language development*. MA Studieleier: Prof TWB van der Westhuysen.
2. BEAMS JB. *A comparison of social phobia outcome measures in cognitive-behavioural group therapy*. MA Studieleier: Mnr C Nortje.
3. BEZUIDENHOUT I. *Die invloed van 'n logoterapeutiese groepsaktiviteit op die sin van die lewe en waardes van 'n groep Graad 11 leerlinge*. MA Studieleier: Mnr HM de Vos.
4. BOON M. *Die betrouwbaarheid en geldigheid van die "Paper and Pencil Games" vir 'n groep Xhosa-sprekende laerskool leerlinge*. MA Studieleier: Mnr HR Steel.
5. BOTHA G. *Die sosiale en emosionele aanpassing van 'n minderheidsgroep swart leerlinge aan 'n bruin skool*. MA Studieleier: Me E Lesch.
6. BOTHA JAJ. *Die effek van 'n sielkundige inoefningsprogram op die setwerk van amateurspelers met 'n enkel voorgee in toernooi-golf*. MA Studieleier: Mnr HM de Vos.
7. BRAXTON WTF. *'n Vergelyking van die prestasiemotiveringsvlakke van 'n groep klerklike personeeldele werksaam by 'n lewensversekerings-maatskappy*. MA Studieleier: Dr JC Meyer.
8. BREMRIDGE C. *Constructions of male adolescent sexuality: An exploratory study in a rural coloured community*. MA Studieleier: Me E Lesch.
9. BURGER C. *The complexity of pregnant adolescents' heterosexual context: An exploratory study in a rural coloured community*. MA Studieleier: Me E Lesch.
10. CAMERON L. *Stress and burnout amongst nursing staff working in an abortion clinic*. MSc Studieleier: Dr JJ Spangenberg.
11. CORBY L. *Do beliefs about aggression predict reported levels of aggressive behaviour?* MA Studieleier: Me WH Theron.
12. DE VILLIERS E. *AIDS and low-income women in the Winelands region*. MA Studieleier: Dr L-M Kruger.
13. DE VILLIERS VN. *Detection of malingering in neuropsychological assessment of patients with major depressive disorders*. MSc Studieleier: Dr JJ Spangenberg.

14. ESTERHUYSE EA. *Self-effektiwiteit as voorspeller van vigs-voorkomende gedrag by 'n groep hoërskoolleerlinge.* MA Studieleier: Me WH Theron.
15. FERRETT H. *The relationship between death attitude, death anxiety and burnout in nurses.* MA Studieleier: Dr J Wait.
16. FÖLSCHER M. *The influence of the initial intervention system on the child victim of sexual abuse.* MA Studieleier: Me H Loxton.
17. GREEFF LM. *Die ontwerp van 'n seksualiteits-psigo-opleidingsprogram vir universiteitstudente.* MSc Studieleier: Me E Lesch.
18. HOFMEYER DG. *Die invloed van 'n vasektomie op die seksuele satisfaksie van die getroude man.* MSc Studieleier: Dr AP Greeff.
19. KIELBLOCK M. *Die invloed van persoongesentreerde ontmoetingsgroep op die betekenis soekende van 'n groep eerstejaarstudente.* MA Studieleier: Mnr HM de Vos.
20. LIEBENBERG L. *Low-income women and mental health care: An exploratory study of non-governmental mental health services in the West Coast/Winelands region of South Africa.* MA Studieleier: Dr L-M Kruger.
21. MATTHEE D. *Acts of eating: Women, ritual and meaning on Western Cape farms.* MA Studieleier: Dr L-M Kruger.
22. MILLER L. *The operationalisation of assertiveness as a status characteristic in influence acceptance experiments.* MA Studieleier: Mnr Le R van der Westhuizen.
23. MILLER T. *The effects of a combined cognitive-behavioural and hypnotherapy programme for sufferers of Fibromyalgia.* MA Studieleier: Mnr HM de Vos.
24. MÖLLER N. *Cross-cultural evidence in South Africa of female indirect aggression.* MA Studieleier: Me WH Theron.
25. NOVEMBER K. *Evaluation of play therapy training programme for youth facilitators of a returned exile children's group.* MA Studieleier: Me H Loxton.
26. OLIPHANT MJ. *Knowledge of Aids in Southern Africa, with special emphasis on South Africa: A critical review.* MA Studieleier: Dr. JJ Spangenberg.
27. PAINTER D. *Language and the self: A metatheoretical study in Social Psychology.* MA Studieleier: Me WH Theron.
28. PRETORIUS CW. *An exposé of the contributing role of circumstantial factors in fuelling family violence in a black township.* MA Studieleier: Dr S Shuda.
29. RABE HM. *Dysfunctional beliefs and marital conflict in distressed and non-distressed married individuals.* MA Studieleier: Prof AT Möller.
30. REINECKE CR. *The alignment of Gregore's mind styles and some categories of psychologists in South Africa.* MA Studieleier: Prof TWB van der Westhuysen.
31. ROBERTS C. *Cognitive bias in traumatised and non-traumatised emergency medical service personnel.* MA Studieleier: Mnr C Nortje.
32. SAUERMAN J. *Depressie, angs en hanteringsvaardighede by Xhosa-sprekende kankerpasiente.* MA Studieleier: Mnr C Nortje.
33. SMITH HJ. *The effect of mental training on young male gymnasts.* MSc Studieleier: Mnr HM de Vos.
34. SMITH P. *Moments of dependence and independence: A narrative analysis of the construction of identity in female farm workers in the Western Cape.* MA Studieleier: Dr L-M Kruger.
35. STRYDOM SC. *'n Bepaling van die motiveringsfaktore van werknemers in Suid-Afrikaanse middelslagondernemings.* MA Studieleier: Dr JC Meyer.
36. SWART B. *Die verband tussen stadium van morele ontwikkeling en lokus van kontrole by verskillende groepe Afrikaanssprekende adolessente.* MA Studieleier: Dr HJ Brand.
37. TRUTER BC. *Moral reasoning in post-adolescence on a conscious and unconscious level: A cross-cultural study.* MA Studieleier: Mnr HM de Vos.
38. TSHUME N. *The resilience of survivors of childhood sexual abuse.* MA Studieleier: Dr L-M Kruger.
39. VAN DER MERWE R. *Die effektiwiteit van 'n program vir die behandeling van 9- tot 12-jarige kinders met posttraumatische stresversteuring.* MA Studieleier: Dr JJ Spangenberg.
40. VAN DER POEL A. *Die impak van ope-hartchirurgie op die huwelik- en gesinslewe van die pasiënt.* MA Studieleier: Dr AP Greeff.
41. VAN DER WESTHUIZEN V. *The effects of race and assertiveness on active and passive influencing - a four year follow-up.* MA Studieleier: Mnr Le R van der Westhuizen.
42. VAN NIEKERK DME. *Die effek van leesverbetering op skoolprestasie.* MA Studieleier: Dr JC Meyer.
43. VAN WYK B. *Constructions of gang membership among school-aged gang members.* MA Studieleier: Me WH Theron.
44. VAN ZYL M. *Die korttermynneffek van 'n lewensvaardigheidsprogram op die selfkonsep en lokus van kontrole van jeugdige gevangeenes in die Allandale-gevangenis.* MA Studieleier: Mnr HM de Vos.
45. VILJOEN P. *Adolescent female sexuality in two rural coloured communities.* MA Studieleier: Me E Lesch.
46. WIEGMAN S. *Factors of resilience identified in families in crisis.* MA Studieleier: Dr AP Greeff.
47. WIUM J. *'n Standaardisering - Ondersoek na die MB10 op graad sewe leerders in die Wes-Kaap Provinse.* MA Studieleier: Dr JC Meyer.

SOSIOLOGIE / SOCIOLOGY

Tydskrifartikels/Journal articles

1. EWERT J, HAMMAN J. A historical irony in the making? State, private sector and land reform in the South African wine industry. *Development Southern Africa* 1999; **16**(3): 447- 454.
2. EWERT J, HAMMAN J. Why Paternalism Survives: Globalization, democratization and labour on South African Wine Farms. *Sociologia Ruralis* 1999; **39**(2): 202-221.
3. SENEKAL M, ALBERTSE EC, MOMBERG DJ, GROENEWALD CJ, VISSER EM. A multidimensional weight-management programme for women. *Journal of the American Dietetic Association* 1999; **99**(10): 1257-1262.
4. VENTER D. Silencing Babel? Language preference in voluntary associations – evidence from multi-cultural congregations. *Society in Transition* 1998; **29**(1-2): 22-39.

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1. BEKKER SB. *Migration and its implications for rural and urban development in South Africa*. Third Annual Population Conference: The African Population in the 21st Century. Durban, 1999: 213-224.

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1. BEKKER SB. *Circulatory migration linking Cape Town to the Eastern Cape. Some reflections*. International Conference on Livelihoods, settlement and identity formation in sub-Saharan Africa: Between Town and Country. East London Campus, East London, 1999.
2. BEKKER SB. *Residents and strangers: Migration toward and within Cape Town*. International Conference: Etre Etranger et Migrant en Afrique au XXeme siecle (Being a stranger/foreigner and a migrant in Africa during the 20th century). Paris, France, 1999.
3. BEKKER SB. *Trekking south in Africa: Urbanisation and migration in Cape Town and the Western Cape*. International Institute of Sociology Congress. Tel Aviv, 1999.
4. BEKKER SB, CORNELISSEN S, HORSTMEIER S, LEILDE A. *Merging provincial identities and institutions in the Western Cape Province*. International Sociological Association Congress (Social Psychology Subcommittee). Military Academy, Saldanha, 1999.
5. EWERT J, VISSER C. *Naught for comfort: The response of South African cooperative wineries to deregulation and globalization*. XVIIIth Congress of the European Society for Rural Sociology. Lund, Sweden, 1999.
6. KRITZINGER AS, VORSTER JH. *South African fruit producers' responses to global integration and State legislation: Implications for women farm workers?* XVIIIth Congress of the European Society for Rural Sociology. Lund, Sweden, 1999.
7. PIETERSE A, GROENEWALD CJ. *Public participation in integrated development planning of decentralised local government: A case study of democratic transition in South Africa*. International Conference on Public Participation and Innovations in Community Governance. University of Luton, England, 1999.

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2. GROENEWALD CJ. *Reflection on demography, population studies and population data in South Africa – Presidential address*. DEMSA Congress on Emerging Population Trends in Southern Africa. Military Academy, Saldanha, 1999.
3. GROENEWALD CJ. *Social transformation between globalization and localization*. Interdisciplinary Colloquium on Social Transformation and Biblical Interpretation. University of Stellenbosch, 1999.
4. GROENEWALD CJ, PIETERSE A. *The unfinished business of the democratic transition in South Africa: Public participation and integrated development planning in the West Coast Region: A case study*. The South African Development Scenario: Challenges for the New Millennium, DSSA, Biennial Conference. Rand Afrikaans University, Johannesburg, 1999.
5. KRITZINGER AS, VORSTER JH. *Globalization and women farm workers on South African deciduous farms: Winners or losers?* Congress of the South African Sociological Association. Centre for Military Studies, Saldanha, 1999.
6. VAN ASWEGEN WF. *Controlling crime: Toward a comparison of policies of South African political parties*. Congress of the South African Sociological Association. Centre for Military Studies, Saldanha, 1999.

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1. BEKKER SB, PRINSLOO R, (ed.). *Identity? Theory Politics, History*. HSRC Publishers, 1999. 146 pp.

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1. BEKKER SB. Introduction. In: Bekker S, Prinsloo R, (eds). *Identity? Theory Politics, History*. HSRC Publishers, Pretoria, 1999: 1-9.
2. BEKKER SB. Territoriality & institutional change in the New South Africa. In: Bach DC, (ed.). *Regionalisation in Africa: Integration and Disintegration*. James Currey Oxford, 1999: 103-118.
3. SHARP JS. Culture, identity and nation in South Africa. In: Maharaj G, (ed.). *Between Unity and Diversity, Essays on Nation-building in Post-apartheid South Africa*. IDASA & David Philip Publishers, Claremont, 1999: 59-74.

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1. BEKKER SB. *A profile of urbanisation in the Western Cape*. Dept Sosiologie, US, 1999. 25 pp.
2. BEKKER SB. *State of Environment Report for the Cape Metropolitan Area*. Dept Sosiologie, US, 1999. 233 pp.
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9. KRITZINGER AS, VORSTER JH. *The labour situation in the South African Deciduous Fruit Export Industry. The Producer: A follow-up study 1998/1999*. Dept Sosiologie, US, 1999. 28 pp.
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1. MABASA T. *The participation of various stakeholders in school governance: A study of two schools in the Northern Province*. MPhil, 1999. 152 pp. Studieleier: Prof J Mouton.
2. MAGAQA VLL. *The use of in-depth interviewing in the assessment of the official caregiver in caring for the mentally ill*. MPhil, 1999. 110 pp. Studieleier/medestudieleier: Dr AS Kritzinger/me C Payze.
3. NETSWERA F. *The development of an (questionnaires) instrument to determine Gauteng small business operators' perceptions of their support systems*. MPhil, 1999. 132 pp. Studieleier/medestudieleier: Prof J Mouton/dr JW Ewert.
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1. ABRAHAMS M. *Assessing community development in South Africa: A case study in theory-driven evaluation*. DPhil Promotor/medepromotor: Prof CJ Groenewald/prof J Mouton.
2. BAILEY H. *On the nature of political risk analysis modelling: A study of selected South African industries*. DPhil Promotor/medepromotor: Prof J Mouton/prof E Smit.
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22. TEPPO A. 'Whiteness' and social transformation in Ruyterwacht Cape Town. DPhil Promotor: Prof JS Sharp.
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24. ZAAIMAN SJ. 'n Sosiologiese konseptualisering en operasionalisering van gemeenskapsmag met besondere verwysing na die Suid-Afrikaanse konteks. DPhil Promotor: Prof CJ Groenewald.
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1. BEUKES J. *The role of race-based arguments in letters – an exploratory study*. MPhil Studieleier: Prof SB Bekker.
2. BRITZ A. *Recent migration (after 1985), from the Eastern Cape into the Cape Metropolitan Area (CMA)*. MA Studieleier: Prof SB Bekker.
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9. DANIELS WJ. *Public understanding of science*. MPhil Studieleier: Prof J Mouton.
10. DOWN A. *The struggle for self-determination: A comparative study of ethnicity and nationalism the Quebecois and the Afrikaner*. MA Studieleier: Prof SB Bekker.
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47. PIETERSE AR. *Democratic transition in South Africa: A case study of public participation in development planning on local authority level in the West Coast Region*. MPhil Studieleier: Prof CJ Groenewald.
48. RAPHOLO JG. *Evaluating a life-skills programme and its impact on students' sexual knowledge, attitudes and practices*. MPhil Studieleier/medestudieleier: Prof J Mouton/ prof CJ Groenewald.
49. ROSSOUW HM. *The utilisation of land in sustaining livelihoods: A study of communities in the Western Cape Province*. MA Studieleier: Prof CJ Groenewald.
50. SAAYMAN L. *Migration patterns between settlement types: A secondary data analysis*. MPhil Studieleier: Prof SB Bekker.
51. SEABI A. *The symbolic interactionist study of the mother-daughter dyad: Towards reproductive self-determination*. MPhil Studieleier: Dr AS Kritzinger.
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53. SIKWARI NC. *A naturalistic evaluation of the implementation of housing support centres in the Northern Province*. MPhil Studieleier/medestudieleier: Prof CJ Groenewald/prof J Mouton.
54. SMART A. *PAR as methodology for change in an institution: Improving research outputs at Vista University Welkom Campus*. MPhil Studieleier: Prof J Mouton.
55. SNYDERS H. *Suid-Afrika se bi-laterale wetenskap en tegnologie-ooreenkoms sedert 1994: 'n Evaluering*. MPhil Studieleier/medestudieleier: Prof J Mouton/prof P Nel.
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57. SOLOMONS N. *Secondary Institutions: A look at Output Systems. Eligibility to attend Higher Institutions of Learning within the frame of the S&T Policy*. MPhil Studieleier: Prof J Mouton.
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60. VAN ZYL DJR. *The implementation of Adult Basic Education and Training Programmes in Industry*. MA Studieleier: Dr AS Kritzinger.
61. WILDSCHUT L *Educational evaluation: A case study of POLP*. MPhil Studieleier: Prof J Mouton.

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1. CRAIG AP. Knowledge and democracy. *South African Journal of Higher Education* 1999; **13**(1): 18-30.

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5. DU TOIT EA. *The development of an antibacterial assay and its use in the investigation of the combined effect of tetracycline and synthetic antimicrobial peptides on strains of Escherichia coli*. MSc, 1999. 115 pp. Studieleier: Dr M Rautenbach.
6. LOURENS GD. *The influence of immobilisation and peptide structure on the bioactivity of model antimicrobial peptides*. MSc, 1999. 99 pp. Studieleier: Dr M Rautenbach.
7. OLIVIER BG. *Designing a 4-way metabolic junction*. MSc, 1999. 92 pp. Studieleier/ medestudieleier: Prof J-HS Hofmeyr/dr JM Rohwer.
8. SCHAFER W. *A control analysis study of adrenal microsomal progesterone metabolism*. MSc, 1999. 98 pp. Studieleier/medestudieleier: Prof P Swart/prof J-HS Hofmeyr.
9. TROMP E. *Die invloed van dieet, gamma-linoleen en eikose-pentanoësuur op die metabolisme van die plasme LDL in die Afrika blou aap*. MSc, 1999. 173 pp. Studieleier/ medestudieleier: Dr AJS Benade/prof DU Bellstedt.

Doktoraal lopend/Doctoral current

1. ALLIE F. *Die invloed van verbinding A en ander sterioede op kortikosteroied bindingsglobulin en sekshormoon bindingsglobulinsintese*. PhD Promotor: Dr A Louw.
2. APPEL M. *A biochemical investigation into the resistance mechanisms of South African commercial stone fruit cultivars against the bacterial canker pathogen *Pseudomas syringae* pv. *syringae*, with special emphasis on the role of the bacterial elicitor (harpin) in these interactions*. PhD Promotor: Prof DU Bellstedt.
3. BLIGNAUT A. *The development of optimal vaccination procedures against Newcastle Disease virus and Clostridium perfringens in ostriches*. PhD Promotor: Prof DU Bellstedt.
4. BROWN N. *The characterization of baboon cytochrome P450 11B hydroxylase*. PhD Promotor: Prof P Swart.
5. DE ASCENSAO ARdaC. *Cloning, characterization of the polygalacturonase inhibiting protein (PGIP) gene from grapevine*. PhD Promotor: Prof IS Pretorius, DU Bellstedt, dr JT Burger.
6. KLINKRADT SH. *Strategies for the biotechnological manipulation of intracellular concentrations of metabolites*. PhD Promotor: Prof J-HS Hofmeyr.
7. KOLAR N. *The isolation and purification of cytochrome P450-c17 (human) in *Pichia pastoris**. PhD (upgradeer vanaf MSc) Promotor: Prof P Swart.
8. LOMBARD N. *The influence of cytochrome B₅ on steroidogenesis in sheep adrenals*. PhD (upgradeer vanaf MSc) Promotor: Prof P Swart.
9. OLIVIER B. *A multilevel approach to the design and understanding of complex metabolic systems*. PhD Promotor/medepromotor: Prof J-HS Hofmeyr/dr J Rohwer.

- ROUX S. *Distribution and activities of adrenal Cytochrome P450-dependent enzymes in the hyrax*. PhD Promotor: Prof P Swart.

Magister lopend/Master's current

- APRIL J. *Effect of potential contraceptive compound on steroid receptor function*. MSc Studieleier: Prof JP Hapgood.
- DOMINGO GS. *Implementation of membrane cleaning and pre-treatment techniques for membranes fouled during the filtration of pulp and paper effluent at the Piet Retief Mondi Kraft Paper Mill*. MSc Studieleier: Prof P Swart.
- GOUWS W. *Cloning of a novel receptor for the gonadotropin-releasing hormone (GnRH) in humans*. MSc Studieleier: Prof JP Hapgood.
- HOLROYD D. *Analysis of the interaction of antimicrobial peptides with specific target-membranes*. MSc Studieleier: Dr M Rautenbach.
- HUBBE M. *The quantification of the anti-oxidant and anti-mutagenic activities of honeybush tea "Cyclopia"*. MSc Studieleier: Dr E Joubert.
- KOHN T. *Heterogeneity of oxidative capacity in muscle of elite athletes related to type I and IIA fibres*. MSc Studieleiers: Drs KH Myburgh, M Rautenbach.
- KOLAR N. *An investigation of heterologous expression systems for the production of antibodies against cytochrome P450-C17*. MSc (upgradeer na PhD) Studieleier: Prof P Swart.
- LIEBENBERG LE. *Using Avidin-biotin and membrane technology for the development of an affinity chromatography system*. MSc Studieleier: Prof P Swart.
- LOMBARD N. *Die selluläre verspreiding en invloed van sitochroom B₅ op skaapadrenale steroïedogenese*. MSc (upgradeer na PhD) Studieleier: Prof P Swart.
- LOMBARD PJ. *A biochemical study of budbreak and plant growth regulators in table grapes*. MSc Studieleier: Prof DU Bellstedt.
- LUCK C. *An experimental system for control analysis of the regulation of serine biosynthesis in Escherichia coli*. MSc Studieleier: Prof J-HS Hofmeyr.
- RIEDEMANN J. *Developmental gene regulation via GC-boxes*. MSc Studieleier: Prof JP Hapgood.
- SADIE H. *The recognition and binding of steroidogenic factor 1 to 2 putative sites in the gonadotropin-releasing hormone receptor promoter and the influence on transcription*. MSc Studieleier: Prof JP Hapgood.
- STRAUSS JA. *Die vervaardiging van diagnostiese toetsstelle vir die opsporing van die Boontjie patogene, Xanthomonas axonopodis pv. phaseoli, Pseudomonas syringae pv. phaseolicola en Pseudomonas syringae pv. syringae*. MSc Studieleier: Prof DU Bellstedt.
- STYGER G. *The role of SF1 in gonadotropin-releasing hormone (GuRH) receptor gene expression and regulation*. MSc Studieleier: Prof JP Hapgood.

BOTANIE (WAARBY INGESLUIT DIE INSTITUUT VIR PLANTBIOTECHNOLOGIE) / BOTANY (INCLUDING THE INSTITUTE FOR PLANT BIOTECHNOLOGY)

Tydskrifartikels/Journal articles

- BUYS MH, VAN DER WALT JJA. *Lobostemon daltonii* (Boraginaceae): A new species from the Western Cape, South Africa. *South African Journal of Botany* 1999; **65**: 144-148.
- COWLING RM, ESLER KJ, RUNDEL PW. Namaqualand, South Africa – an overview of a unique winter rainfall desert ecosystem. *Plant Ecology* 1999; **142**: 3-21.
- CRAMER MD, GAO ZF, LIPS SH. The influence of rhizosphere dissolved inorganic carbon on carbon and nitrogen metabolism in salinity-treated tomato plants. *New Phytologist* 1999; **142**: 441-450.
- CRAMER MD, RICHARDS MB. The effect of rhizosphere dissolved inorganic carbon on the growth of tomato seedlings. *Journal of Experimental Botany* 1999; **50**: 79-87.
- ECCLES NS, ESLER KJ, COWLING RM. Spatial pattern analysis in Namaqualand desert plant communities: Evidence for general positive interactions. *Plant Ecology* 1999; **142**: 71-85.
- ESLER KJ, RUNDEL PW. Comparative patterns of phenology and growth form diversity in two winter rainfall deserts: The succulent Karoo and the Mojave Desert ecosystems. *Plant Ecology* 1999; **142**: 97-104.
- ESLER KJ, RUNDEL PW, VORSTER PJ. Biogeography of prostrate-leaved geophytes in semi-arid South Africa: Hypotheses on functionality. *Plant Ecology* 1999; **142**: 105-120.
- GREMMEN NJM, SMITH VR. New records of alien vascular plants from Marion and Prince Edward Islands, sub-Antarctic. *Polar Biology* 1999; **21**: 401-409.
- HAWKINS HJ, CRAMER MD, GEORGE E. Root respiratory quotient and nitrate uptake in hydroponically grown non-mycorrhizal and mycorrhizal wheat. *Mycorrhiza* 1999; **9**: 57-60.
- KRAAIJ T, CRAMER MD. Do the gas exchange characteristics of alien acacias enable them to successfully invade the fynbos? *South African Journal of Botany* 1999; **65**: 232-238.
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- MARAIS EM. New species of *Pelargonium* (Geraniaceae) from Namaqualand. *South African Journal of Botany* 1999; **65**(1): 50-58.
- MARAIS EM. The taxonomic position of *Pelargonium appendiculatum* (Geraniaceae). *South African Journal of Botany* 1999; **65**: 404-406.

14. RIPLEY BS, PAMMENTER NW, SMITH VR. Function of leaf hairs revisited: The hair layer on leaves *Arctotheca populifolia* shows reduced photoinhibition but leads to higher leaf temperatures caused by lower transpiration rates. *Journal of Plant Physiology* 1999; **155**: 78-85.
15. RUNDEL PW, ESLER KJ, COWLING RM. Ecological and phylogenetic patterns of carbon isotope discrimination in the winter rainfall flora of the Richtersveld, South Africa. *Plant Ecology* 1999; **142**: 133-148.
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17. VAN ZYL L, MARAIS EM. Three new species of *Zygophyllum* (Zygophyllaceae) from southern Namibia and the Northern Cape. *Bothalia* 1999; **29**(2): 231-237.
18. VORSTER DJ, BOTHA FC. Sugarcane internodal invertases and tissue maturity. *Journal of Plant Physiology* 1999; **155**: 470-476.
19. WAND SJE, ESLER KJ, RUNDEL PW, SHERWIN HW. A preliminary study of the responsiveness to seasonal atmospheric and rainfall patterns of wash woodland species in the arid Richtersveld. *Plant Ecology* 1999; **142**: 149-160.
20. WHITTAKER A, BOTHA FC. Pyrophosphate: D-fructose-6-phosphate activity patterns in relation to sucrose storage across sugarcane varieties. *Physiologia Plantarum* 1999; **107**: 379-386.

Verrigtinge internasional/Proceedings international

1. BOTHA FC, VORSTER DJ. *Analysis of carbon partitioning to identify metabolic steps limiting sucrose accumulation*. ISSCT Conference. New Delhi, India, 1999.
2. MARAIS EM. *Ideas on the pollination of Pelargonium, section Hoarea (Geraniaceae)*. Proceedings of AETFAT Congress. Harare, Zimbabwe, 1999; *African Plants: Biodiversity, Taxonomy and Uses* 1999: 105-112.
3. SPREETH AD, VORSTER PJ. *Anatomy of the sarcotesta of the seed in different cycad genera*. Proceedings of the Fourth International Conference on Cycad Biology. Panzhihua, China, 1999: 153-158.
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5. VORSTER P. *A review of the arborescent tropical species of Encephalartos*. Proceedings of the Fourth International Conference on Cycad Biology. Panzhihua, China, 1999: 87-91.
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Referate internasional/Papers international

1. BOTHA FC, ROHWER J, VORSTER DJ. *Carbon partitioning in sugarcane – characterisation and metabolic modelling*. Congress on Photosynthate assimilation and partitioning. New Castle, Australia, 1999.
2. CARSON DL, WILLIAMS NJ, HUCKETT BI, BOTHA FC. *The identification of expressed sequence tags in sugarcane*. Plant and Animal Genome VII. San Diego, California, 1999.
3. ECCLES NS, LAMONT B, LAMONT H, ESLER KJ. *Water relations in clumped and isolated plants in a South African desert community*. Ecological Society of Australia Annual Congress. Fremantle, Australia, 1999.
4. MARAIS EM, TOLOUMENIDOU T. *Molecular and morphological evolution of Pelargonium, section Hoarea*. Symposium on Evolution and Systematics of *Pelargonium*, as part of the XVI International Botanical Congress. St Louis, USA, 1999.
5. VORSTER P. *Taxonomy of Pelargonium section Ciconium (Geraniaceae): A review*. Symposium on Evolution and Systematics of *Pelargonium*, as part of the XVI International Botanical Congress. St Louis, USA, 1999.
6. VORSTER P, VAN DER BANK HF, VAN DER BANK M, WINK M. *Phylogeny of some Eastern Cape Encephalartos species*. Fifth International Conference on Cycad Biology. Miami, USA, 1999.

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1. BINDON KA, BOTHA FC. *Carbon partitioning and sucrose flux in sugarcane*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
2. BOTHA FC, VORSTER DJ. *'Futile' cycling of carbon during sucrose accumulation in sugarcane*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
3. BOUCHER C, VENTER J. *Aspects about the flora, vegetation and management of the Rein's Nature Reserve, Albertinia*. Annual Congress, Fynbos Forum. Albertinia, 1999.
4. CRAMER MD, RICHARDS MB. *The effect of rhizosphere dissolved inorganic carbon on the photosynthetic characteristics and the growth rates of tomato seedlings*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
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7. ESLER KJ, RUNDEL PW, MIDGLEY GF. *Form, function and demographic relationships in the unique Mesembryanthemaceae of the succulent Karoo*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
8. GROENEWALD JH, BOTHA FC. *Over-expression of pyrophosphate fructose 6-phosphate 1-phototransferase (PFP) in sugarcane*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
9. GROENEWALD S, BOTHA FC. *Functional analysis of the sugarcane pyrophosphate-dependent phosphofructokinase (PFP) promoter*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
10. HENDRICKS NC, ESLER KJ. *The regeneration potential of Themedia triandra in the Middelburg region of the Eastern Cape*. Arid Zone Ecology Forum. Vanrhynsdorp, 1999.

11. HENDRICKS NO, ESLER KJ. *Vegetation, soil and grazing relationships in the Middelburg region of the Eastern Cape*. Arid Zone Ecology Forum. Van Rhynsdorp, 1999.
12. HOEPFNER SW, BOTHA FC. *Characterization of hexokinase activity in the culm of sugarcane with special reference to fructokinase activity*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
13. JONES FE, ESLER KJ. *The predictive value of germination trials in assessing restoration potential of degraded rangelands in the eastern Nama Karoo*. Arid Zone Ecology Forum. Vanrhynsdorp, 1999.
14. LINTNAAR M, CRAMER MD, VALENTINE AJ. *Physiological responses of salinity stressed tomato plants to mycorrhizal infection and variation in rhizosphere CO₂ concentrations*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
15. MEYER A, VALENTINE AJ, BOTHA A, ARCHER E, LOUW K. *The influence of mycorrhizal infection on the performance of grapevine: A preliminary study*. South African Society for Enology and Viticulture 23rd Congress. Stellenbosch, 1999.
16. PIENAAR E, ESLER KJ. *Plant biodiversity along altitudinal gradients in the Middelburg district: How valuable are those isolated koppies?* Arid Zone Ecology Forum. Vanrhynsdorp, 1999.
17. SMITH E, GROENEWALD JH, TURNER WL, BOTHA FC. *Manipulation of fructose 2,6-bisphosphate levels in sugarcane*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
18. SNIJDERS J, GROENEWALD JH, BOTHA FC. *Isolation of transcription promoters from sugarcane*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
19. THOKOANE LN, BUTTERFIELD MK, HUCKETT BI. *Fingertyping varieties of sugarcane (*Saccharum spp. Hybrids*) using the Amplified Fragment Length Polymorphism technique*. 5th International DNA Fingerprinting Conference. Universiteit van Port Elizabeth, 1999.
20. TURNER WL, BOTHA FC. *Partitioning of carbon into insoluble components in sugarcane internodal tissue: Biochemical characterisation of UDP-glucose dehydrogenase*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
21. VALENTINE AJ. *The interaction of root carbon and nitrogen metabolism in mycorrhizal tomato plants*. Experimental Biology Group. 149th General Meeting. University of Stellenbosch, 1999.
22. VALENTINE AJ, CRAMER MD. *The effects of nitrogen nutrition on mycorrhizal root respiration and carbon partitioning of tomato plants grown at elevated rhizosphere carbon dioxide*. Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
23. VAN ANTWERPEN T, BOTHA FC. *Development of a DNA-based diagnostic method to detect sugarcane bacterial pathogens with emphasis on *Clavibacter xyli* subsp. *Xyli**. 37th Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
24. VAN DER MERWE CA, CRAMER MD. *Is anaplerotic provision of carbon skeletons the only reason for increased NO₃ uptake in hydroponically grown tomato plants supplied with enriched rhizosphere CO₂?* Kongres vir die Suid-Afrikaanse Genootskap vir Plantkundiges. Umtata, 1999.
25. WITBOOI B, OBERHOLZER T, ESLER KJ. *Assessing the influence of revegetation techniques on the success of the establishment of Little Karoo species*. Arid Zone Ecology Forum. Vanrhynsdorp, 1999.

Hoofstukke in boeke/Chapters in books

1. ESLER KJ. Plant Reproductive Biology. In: Milton SJ, Dean WRJ, (eds). *The Karoo: Ecological Patterns and Processes*. Cambridge University Press, 1999: 123-144.
2. ESLER KJ, RUNDEL PW, COWLING RM. The succulent Karoo in a global context: Plant structural and functional comparisons with North American winter rainfall deserts. In: Milton SJ, Dean WRJ, (eds). *The Karoo: Ecological Patterns and Processes*. Cambridge University Press, 1999: 303-313.

Doktoraal afgehandel/Doctoral completed

1. MAASS E. *A comparative study on the germination requirements of some economically important *Striga* species*. PhD, 1999. 220 pp. Promotor/medepromotor: Dr PJ Vorster/prof BA Fineran.

Magister afgehandel/Master's completed

1. BOWIE M. *Ecophysiological studies on four succulent Karoo species*. MSc, 1999. 145 pp. Studieleier/medestudieleier: Dr KJ Esler/dr S Wand.
2. LUSEPANI EN. *Reproductive biology of *Berchemia discolor* (Rhamnaceae)*. MSc, 1999. 128 pp. Studieleier/medestudieleier: Dr C Boucher/dr EM Marais.
3. VAN ANTWERPEN T. *Development of a DNA-based diagnostic method to detect sugarcane bacterial pathogens with emphasis on *Clavibacter Xyli* subsp. *Xyli**. MSc cum laude, 1999. 91 pp. Studieleier: Prof FC Botha.

Doktoraal lopend/Doctoral current

1. BURGER AL. *Isolation and characterisation of a developmentally regulated promoter from *Vitis vinifera* L. berries*. PhD Promotor: Prof FC Botha.
2. CARSON D. *Application of expressed sequence tag analysis to identify differentially expressed genes in sugarcane*. PhD Promotor: Prof FC Botha.
3. GROENEWALD J-H. *Modulation of PFP activity in sugarcane*. PhD Promotor: Prof FC Botha.
4. SHAFER W. *Characterisation of sucrose synthase ISuSy activity in the sugarcane culm*. PhD Promotor: Prof FC Botha.
5. SIEBEN E. *Comparison of riparian vegetation of five major river catchments in the Hottentots Holland Mountains, Western Cape*. PhD Promotor: Dr C Boucher.
6. SNYMAN S. *Establishment of an efficient transformation system for sugarcane*. PhD Promotor: Prof FC Botha.

7. VAN DER MERWE A. *The influence of increased rhizosphere carbon dioxide concentrations on nitrogen metabolism in tomato plants (Lycopersicon esculentum)*. PhD Promotor: Dr MD Cramer.
8. VAN DER MERWE AM. *A biosystematic study of the seven minor genera of the Hyacinthaceae*. PhD Promotor/medepromotor: Dr EM Marais/dr DU Bellstedt.
9. VAN ZYL L. *A taxonomic revision of Zygophyllum (Zygophyllaceae) of southern Africa*. PhD Promotor: Dr EM Marais.
10. VOLSCHENK T. *The effects of saline irrigation water on soil properties, the plant physiological processes, vegetative and reproductive growth of Plasteyn apricots*. PhD Promotor: Dr MD Cramer.

Magister lopend/Master's current

1. BEUKES O. *The effect of regulated water deficiencies on the production and fruit quality of peaches*. MSc Studieleier: Dr JE Watts.
2. BINDEN KA. *Carbon partitioning into starch in sugarcane internodal tissue*. MSc Studieleier: Prof FC Botha.
3. HENDRICKS NC. *Dispersal characteristics and regeneration potential of Themeda triandra in the Middelburg region of the Eastern Cape*. MSc Studieleier: Dr KJ Esler.
4. HENDRICKS NO. *Vegetation, soil and grazing relationships in the Middelburg region of the Eastern Cape*. MSc Studieleier: Dr KJ Esler.
5. HOEPFNER SW. *Characterisation of hexokinase activity in the culm of sugarcane with special reference to fructokinase activity*. MSc Studieleier: Prof FC Botha.
6. JONES F. *An assessment of the potential for utilization of soil-stored seed from "conservation islands" (isolated mountains) as an indicator of restoration potential of degraded sites in semi-arid Karoo areas*. MSc Studieleier: Dr KJ Esler.
7. LINTNAAR M. *Physiological responses of salinity stressed tomato plants to mycorrhizal infection and variation in rhizosphere CO₂ concentrations*. MSc Studieleiers: Dr MD Cramer/dr AJ Valentine.
8. MEETS M. *The certification of aqueous smoke extract for restoration projects*. MSc Studieleier: Dr C Boucher.
9. MEYER A. *The influence of mycorrhizal infection on the mineral nutrition of the grapevine*. MSc Studieleiers: Drs A Botha, AJ Valentine.
10. NELL JS. *Genetic manipulation of sucrose storing tissue to produce alternative products*. MSc Studieleier: Prof FC Botha.
11. OLIVIER AJ. *Differential gene expression during ripening of Chardonnay berries: isolation of specific sequences through subtraction*. MSc Studieleier: Prof FC Botha.
12. PIENAAR E. *Vegetation on and adjacent to inselbergs in the Nama Karoo*. MSc Studieleier: Dr KJ Esler.
13. REDDY S. *Genomic and expression analysis of allelic variants of the gene encoding the β-subunit of the enzyme pyrophosphate dependent phosphofructokinase (PFP) in sugarcane*. MSc Studieleier/medestudieleier: Dr BI Huckett/prof FC Botha.
14. ROGBEER O. *Differential gene expression in the culm of sugarcane during development, with special emphasis on the storage parenchyma cells*. MSc Studieleier: Prof FC Botha.
15. ROSE S. *Expression and genetic manipulation of neutral invertase activity in sugarcane*. MSc Studieleier: Prof FC Botha.
16. SALIE K. *The contribution of riparian species to the composition of the vegetation in the Jonkershoek Valley*. MSc Studieleiers/medestudieleier: Dr C Boucher/dr KJ Esler.
17. SNIJDERS J. *Isolation of specific promoters from sugarcane*. MSc Studieleier: Prof FC Botha.
18. VENTER M. *Analysis of gene expression during berry development in Vitis vinifera cv. Chardonnay berries using AFLP-based mRNA fingerprinting*. MSc Studieleier: Prof FC Botha.
19. VIKTOR A. *Physiological and metabolical factors determining nitrogen use efficiency in tomato seedlings*. MSc Studieleier: Dr MD Cramer.
20. WITBOOI B. *Restoration potential of selected Karoo species*. MSc Studieleier/medestudieleier: Dr KJ Esler/me T Oberholzer.

CHEMIE / CHEMISTRY

Tydskrifartikels/Journal articles

1. BOURNE SA, CRUYWAGEN JJ, KLEINHORST A. Disodium bis[μ -2-hydroxy-2-methylpropanoate(2-)]-O¹,O²-O²,O²-bis[dioxovanadate(V)]heptahydrate. *Acta Crystallographica* 1999; **C55**: 2002-2004.
2. BREDENKAMP MW. Dynamic stannylene mediation in the derivatization of polyhydroxy compounds. *South African Journal of Chemistry* 1999; **52**(2): 56-68.
3. BURGER BV, GREYLING J, SPIES HSC. Mammalian exocrine secretions XIV, Constituents of preorbital secretions of steenbok, *Raphicerus campestris*. *Journal of Chemical Ecology* 1999; **25**(9): 2099-2108.
4. BURGER BV, NELL AE, SPIES HSC, LE ROUX M, BIGALKE RC. Mammalian exocrine secretions XIII, Constituents of preorbital secretions of bontebok, *Damaliscus dorcas dorcas*, and blesbok, *D.d. phillipsi*. *Journal of Chemical Ecology* 1999; **25**(9): 2085-2098.
5. BURGER BV, NELL AE, SPIES HSC, LE ROUX M, BIGALKE RC, BRAND PAJ. Mammalian exocrine secretions XII: Constituents of interdigital secretions of bontebok, *Damaliscus dorcas dorcas*, and blesbok, *D.d. phillipsi*. *Journal of Chemical Ecology* 1999; **25**(9): 2057-2084.
6. CRUYWAGEN JJ. Protonation, oligomerization, and condensation reactions of vanadate(V), molybdate(VI), and tungstate(VI). *Advances in Inorganic Chemistry* 1999; **49**: 127-182.
7. CRUYWAGEN JJ, HEYNS JBB, ROHWER EA. Spectrophotometric investigation of the complex formation of molybdate and tungstate with Alizarin Red S. *South African Journal of Chemistry* 1999; **52**(1): 15-19.
8. HEYNS JBB, CRUYWAGEN JJ, CARRON KT. Raman spectroscopic investigation of chromium(VI) equilibria – another look. *Journal of Raman Spectroscopy* 1999; **30**: 335-338.
9. MALHERBE JS, MEYER CJ. Functional Group analysis. *Journal of Chemical Education* 1999; **76**: 56-57.

10. RAUBENHEIMER HG, STANDER Y, MARAIS EK, THOMPSON C, KRUGER GJ, CRONJE S, DEETLEFS M. Group 6 carbene complexes derived from lithiated azoles and the crystal structure of a *molybdenum thiazolinylidene* complex. *Journal of Organometallic Chemistry* 1999; **590**(2): 158-168.
11. SCHNEIDER DF, VENTER AC. Initial interaction of triphenylphosphonium-2-propenylide with prenol prior to Wittig olefination. *Synthetic Communications* 1999; **29**(18): 3067-3081.
12. SCHNEIDER DF, VENTER AC. Synthetic potential of the reaction of allylic phosphonium ylides with α , β - unsaturated carbonyl compounds. *Synthetic Communications* 1999; **29**(8): 1303-1315.
13. SULK R, CHAN C, GUICHETEAU J, GOMEZ C, HEYNS JBB, CORCORAN R, CARRON K. Surface-Enhanced Raman Assays (SERA): Measurement of bilirubin and salicylate. *Journal of Raman Spectroscopy* 1999; **30**: 853-859.
14. VAN REENEN AJ, BARKHUIZEN L, BREDENKAMP MW. The Pd-catalysed co- and terpolymerisation of carbon monoxide and 1-alkenes. *South African Journal of Chemistry* 1999; **52**(3): 95-101.
15. VERLEYSEN K, VAN DEN BOSCH T, SANDRA P. Comparison of highly sulfated α -, β -, and γ -cyclodextrins and 18-crown-6-tetracarboxylic acid for the enantiomeric separation of some amino acids and derivatives by capillary electrophoresis. *Electrophoresis* 1999; **20**: 2650-2655.
16. WAHNER UM, BRUELL R, PASCH H, RAUBENHEIMER HG, SANDERSON RD. Oligomerisation of 1-pentene with metallocene catalysts. *Angewandte Makromolekulare Chemie* 1999; **270**: 49-55.

Verrigtinge internasional/Proceedings international

1. CRUYWAGEN JJ, HEYNS JBB, WESTRA AN. *Vanadium(V) equilibria: Thermodynamic quantities for some protonation and condensation reactions*. ACS Symposium Series 711, American Chemical Society. Washington, DC, USA, 1998: 51-59.

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1. BURGER BV, LE ROUX M, YANG T-P, EWIG BT, NELL AE, WEBER WG, VILJOEN S. *Chemical communication in mammals: constituents and function of the secretions of specialised skin glands of antelope*. 37th IUPAC Conference. Berlin, 1999.
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3. DEETLEFS M. *Gold(I) and Gold(III) complexes from bifunctional organocycles.* PhD Promotor: Prof HG Raubenheimer.
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8. PRINSLOO M-L. *Tin bemiddeling in inositol derivatisering.* PhD Promotor/medepromotor: Dr MW Bredenkamp/prof DF Schneider.
9. ROHWER EA. *Vergelykende studie van die kompleksvorming van molibdeen(VI) en wolfram(VI).* PhD Promotor: Prof JJ Cruywagen.
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11. SLADE D. *Chemiese karakterisering van die interdigitaal afskeiding van die swartwildebees, Connochaetes gnou.* PhD Promotor/medepromotor: Prof BV Burger/dr M le Roux.
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7. KOBESE P. *Photocatalytic behaviour of metal titanates*. MSc Studieleier: Prof AM Crouch.
8. LOUW S. *Chemiese kommunikasie by die reuse-gordelakkedis, Cordylus giganteus*. MSc Studieleier/medestudieleier: Prof BV Burger/dr M le Roux.
9. SNYMAN T. *Ontwikkeling van instrumentasie vir omvattende twee-dimensionele gaschromatografie*. MSc Studieleier/medestudieleier: Prof BV Burger/dr M le Roux.
10. SPIES A. *Chemiese karakterisering van die preorbitale afskeiding van vroulike soeni, Neotragus moschatus*. MSc Studieleier/medestudieleier: Prof BV Burger/dr M le Roux.
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5. VAN BILJON AJ. *A renormalization group approach to disordered systems from supersymmetry*. PhD Promotor: Prof FG Scholtz.
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3. DE VILLIERS D. *Determination of excitation functions for $^{nat}Br(p,x)$ reactions with emphasis on the production of the Radioisotope Selenium-75*. MSc Studieleier/medestudieleier: Prof WA Richter/dr FM Nortier.
4. HATTINGH GE. *Ontwikkeling van 'n gerekenariseerde databasis vir atomiese spektroskopie*. MSc Studieleier: Prof K Visser.
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1. SMIT CM. *The relationship between structure, fluid movement and gold mineralization in selected examples of the Witwatersrand basin*. PhD Promotor: Prof R Scheepers.

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2. COUSIN LE. *W-bearing metaluminous granites of the Cape Granite Suite*. MSc Studieleier: Prof R Scheepers.
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4. HENNING EM. *Apatite, Monazite, Allanite and Titanite chemistry as indicator of economic potential in granitoids*. MSc Studieleier: Prof R Scheepers.
5. LOVE D. *Mine water geochemistry and management: Two case studies and a new treatment method*. Studieleier: Prof DK Hallbauer.
6. MACDONALD L. *Geology of the 50m terrace at Geelval Karoo, West Coast of South Africa*. MSc Studieleier: Prof A Rozendaal.
7. MARTIN R. *A comparative study of the ionic composition of fluid inclusions in quartz using capillary electrophoresis as analytical technique*. MSc Studieleier: Prof DK Hallbauer.
8. MOUTON EL. *The sedimentology of the diamondiferous Koeskop palaeochannel of the lower Orange River, South Africa*. MSc Studieleiers: Prof A Rozendaal, JP le Roux.
9. OLIVIER B. *Controls on Tanzanite(Zoisite) and Graphite Mineralization in the Merelani area, Tanzania*. MSc Studieleier: Prof R Scheepers.
10. RIES W. *The relationship between the Nigramoep ore body and its host rock*. MSc Studieleier: Prof R Scheepers.
11. STALDER M. *Deformation, metamorphism of the Broken Hill-Gamsberg base metal sulphide deposits Namaqualand, South Africa*. MSc Studieleier: Prof A Rozendaal.
12. VITALI-HERBERT E. *The mineralogy and gemmology of Blue Zizozite (Tanzanite) occurring at the Mererani Mine, Arusha District, Tanzania*. MSc Promotor: Mnr HS Pienaar.
13. WESSELS C. *Mineralogy and petrochemistry of the Riviera W-Mo granite, Western Cape Province*. MSc Studieleier: Prof R Scheepers.

MENS- EN DIERFISIOLOGIE / HUMAN AND ANIMAL PHYSIOLOGY

Tydskrifartikels/Journal articles

1. CLOETE SWP, VAN NIEKERK FE, YOUNG M, VAN DER MERWE GD, CLARK J. The application of a selenium fertiliser for the correction of marginal deficiencies in grazing sheep. *Journal of the South African Veterinary Association* 1999; **70**(3): 107-111.
2. DU PLESSIS SS, VAN NIEKERK FE, COETZER WA. The effect of dietary molybdenum and sulphate on the oestrous cycle and ovulation in ewes after manipulation with exogenous progesterone alone or in combination with FSH and LH. *Small Ruminant Research* 1999; **33**: 63-69.
3. DU PLESSIS SS, VAN NIEKERK FE, COETZER WA. The effect of dietary molybdenum and sulphate on sexual activity and plasma progesterone concentrations of ewes. *Small Ruminant Research* 1999; **33**: 71-76.
4. DU TOIT EF, MULLER CA, McCARTHY J, OPIE LH. The effect of levosimendan on cardiac function, tissue cAMP and cGMP levels and LDH release during low-flow ischaemia and reperfusion in the isolated Langendorff perfused guinea pig heart. *Journal of Pharmacology and Experimental Therapy* 1999; **290**: 505-514.
5. LAMBRECHTS H, VAN NIEKERK FE, COETZER WA, CLOETE SWP, VAN DER HORST G. The effect of cryopreservation on the survivability, viability and motility of epididymal African buffalo (*Synacerus caffer*) spermatozoa. *Theriogenology* 1999; **52**: 1241-1249.
6. MICKLESFIELD L, MYBURGH KH. The consequences of the female athlete triad in a mature woman runner: a case report. *South African Journal of Sports Medicine* 1999; **6**(1): 20-22.
7. MYBURGH KH, BERMAN C, NOVICK I, LAMBERT EV, NOAKES TD. Low resting metabolic rates in amenorrhoeic ballet dancers. *International Journal of Sport Nutrition* 1999; **9**: 285-294.
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- growth of undernourished rural preschool children under 6 years of age: An intervention trial in Lebowa, South Africa. *Asia Pacific Journal of Clinical Nutrition* 1999; **8**(2): 96-105.
9. VAN NIEKERK FE. Nutrition of the orphan foal. *Thoroughbred in South Africa* 1999: 36-38.
 10. WESTON AR, KARAMIZRAK O, SMITH A, NOAKES TD, MYBURGH KH. African runners exhibit greater fatigue resistance, lower lactate accumulation and higher oxidative enzyme activity. *Journal of Applied Physiology* 1999; **86**(3): 915-923.

Verrigtinge internasional/Proceedings international

1. BURGER DJG, STRAUSS JAdeW, VAN ROOYEN J. *The PhysiTutor II as a complete Tutoring System in Physiology*. Prague, Czech Republic, 1999; *Physiological Research* 1999; **48**(Supplement 1): S60.
2. BURGER DJG, STRAUSS JAdeW, VAN ROOYEN J. *The use of Computer Based Training (CBT) in integrating Physiology teaching*. Karachi, Pakistan, 1999; *Advances in Physiology Education* 1999; **22**: 5273-5274.
3. DU TOIT EF, MEIRING J, McCARTHY J, OPIE LH. *Role of K_{ATP} channels in the nitric oxide donor induced cardioprotection of the isolated rat heart*. Amsterdam, The Netherlands, 1999; *Cardiovascular Drugs and Therapy* 1999; **13**: 198.
4. MYBURGH KH, VILJOEN A, TEREBLANCHE S. *Individual variations in plasma lactate levels during one-hour cycling distance trials*. *Medicine and Science in Sports and Exercise* 1999; **31** (5): S106.
5. PRETORIUS WS, COETZER WA, BARRY DM. *Long-R³-ILGF-I prevents estrogen induced reduction of progesterone synthesis in cultured ovine granulosa cells from small follicles*. *Biological Reproduction* 1999; **61**(3): 467.
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7. VAN ROOYEN J, MARAIS E, BENADÉ AJS. *The effect of diet and EPA supplementation on the lipoprotein profile*. *Journal of Molecular and Cellular Cardiology* 1999; **31**(6): A52.

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2. DE KLERK C, MYBURGH KH. *Reliability and validity of a new stochastic cycling test*. 27th Annual Physiology Congress. Stellenbosch, 1999.
3. DU PLESSIS A, MYBURGH KH. *Techniques for measuring body composition in an elite adolescent female gymnast*. 27th Annual Physiology Congress. Stellenbosch, 1999.
4. DU TOIT EF. *Nitric oxide: Myocardial friend or foe*. 27th Annual Physiology Congress. Stellenbosch, 1999.
5. ENGELBRECHT A-M, PAGE C, LOCHNER A. *Does DHA protect against ischaemia/reperfusion injury via a MAP kinase dependent pathway?* 27th Annual Physiological Congress. Stellenbosch, 1999.
6. JACKSON S. *What do evolutionary physiology and exercise physiology have in common?* 27th Annual Physiology Congress. Stellenbosch, 1999.
7. MYBURGH KH. *Creatine supplementation: Beyond anecdote; benefits and risks*. 8th Biennial Congress of the South African Sports Medicine Association. Johannesburg, 1999.
8. MYBURGH KH. *Current concepts in exercise physiology: selected characteristics of skeletal muscle membranes*. 27th Annual Physiology Congress. Stellenbosch, 1999.
9. MYBURGH KH. *Gymnastics: Is the intensity of effort greater during competition or training?* 8th Biennial Congress of the South African Sports Medicine Association. Johannesburg, 1999.
10. MYBURGH KH. *Maximal isometric muscle fibre fatigue*. 8th Biennial Congress of the South African Sports Medicine Association. Johannesburg, 1999.
11. SMITH C, MYBURGH KH. *Tennis: Serving, receiving and training*. 8th Biennial Congress of the South African Sports Medicine Association. Johannesburg, 1999.
12. VAN ROOYEN J. *PhysiTutor demonstration*. 27th Annual Physiological Congress. Stellenbosch, 1999.

Magister afgehandel/Master's completed

1. SEGADAVAN A. *Glucose versus acetate as substrate during subtotal ischaemia*. MSc, 1999. 121 pp. Studieleier: Dr J van Rooyen.

Doktoraal lopend/Doctoral current

1. BARRY DM. *A study on the degeneration of ruminant embryos in vivo and the survival of the embryo in vitro*. PhD Promotor: Prof RA Godke.
1. ESTERHUIZEN J. *The effect of Red palm oil and Efalex liquid on ischaemic/reperfusion injury in the isolated perfused rat heart*. PhD Promotors: Drs EF du Toit, J van Rooyen.
2. STRAUSS JAdeW. *Health assessment of female athletes and testing of appropriate intervention measures*. PhD Promotor: Dr KH Myburgh.

Magister lopend/Master's current

1. DE PAO A. *Effect of creatine monohydrate on time trial performance following stochastic exercise*. MSc Studieleier: Dr KH Myburgh.

2. LOUW R. *The role of protein kinase activated signalling pathways in the cardioprotective effect of insulin on the ischaemic myocardium*. MSc Studieleier: Dr J van Rooyen.
3. PRETORIUS WS. *An alternative approach to subfunctional corpora lutea in the superovulated sheep ewe*. MSc Studieleier: Dr DM Barry.
4. ROSSOUW E. *The effect of anabolic steroids on ischaemia and TNF induced myocardial injury*. MSc Studieleier: Dr EF du Toit.

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1. BRINK JA, PRIOR BA, DASILVA EJ. Developing biotechnology around the world. *Nature Biotechnology* 1999; **17**: 434-436.
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3. KARTHIKEYAN S, WOLFAARDT GM, KORBER DR, CALDWELL DE. Functional and structural responses of a degradative microbial community to substrates with varying degrees of complexity in chemical structure. *Microbial Ecology* 1999; **38**: 215-224.
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6. RAWLINGS DE. Proteic toxin-antitoxin, bacterial plasmid addiction systems and their evolution with special reference to the *pas* system of pTF-FC2. *FEMS Microbiology Letters* 1999; **176**: 269-277.
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8. REP M, ALBERTYN J, THEVELEIN JM, PRIOR BA, HOHMANN S. Different signalling pathways contribute to the control of *GPD1* gene expression by osmotic stress in *Saccharomyces cerevisiae*. *Microbiology* 1999; **145**: 715-727.
9. SCHOE MAN H, VIVIER MA, DU TOIT M, DICKS LMT, PRETORIUS IS. The development of bacterial yeast strains by expressing the *Pediococcus acidilactici* pediocin gene (*PedA*) in *Saccharomyces cerevisiae*. *Yeast* 1999; **15**: 647-656.
10. SEABI BO, BOTHA A, VILJOEN BC, ROUX C. Nitrogen utilisation and growth at reduced water activity by mucoralean fungi present in soil. *South African Journal of Botany* 1999; **65**(5&6): 407-413.
11. TAMAS M, LUYTEN K, SUTHERLAND FCW, HERNANDEZ A, ALBERTYN J, VALADI H, LI H, PRIOR BA, KILIAN SG, RAMOS J, GUSTAFSSON L, THEVELEIN JM, HOHMANN S. Fps1p controls the accumulation and release of the compatible solute glycerol in yeast osmoregulation. *Molecular Microbiology* 1999; **31**(4): 1087-1104.
12. VAN ZYL WH, ELIASSEN A, HOBLEY T, HAHN-HÄGERDAL B. Xylose utilisation by recombinant strains of *Saccharomyces cerevisiae* on different carbon sources. *Applied Microbiology and Biotechnology* 1999; **52**: 834-838.
13. VILJOEN M, VOLSCHENK H, YOUNG RA, VAN VUUREN HJJ. Transcriptional regulation of the *Schizosaccharomyces pombe* malic enzyme gene, *mae2*. *Journal of Biological Chemistry* 1999; **274**: 9969-9975.

Verrigtinge internasional/Proceedings international

1. RAWLINGS DE. *The molecular genetics of mesophilic, acidophilic, chemolithotrophic, iron- or sulphur-oxidizing microorganisms*. *Biohydrometallurgy and the environment toward the mining of the 21st century* 1999; **Part B**: 3-20.
2. RAWLINGS DE, CORAM NJ, GARDNER MN, DEANE SM. *Thiobacillus caldus* and *Leptospirillum ferrooxidans* are widely distributed in continuous-flow biooxidation tanks used to treat a variety of metal-containing ores and concentrates. *Biohydrometallurgy and the environment toward the mining of the 21st century* 1999; **Part A**: 777-786.

Referate internasional/Papers international

1. BALLA E, DICKS LMT. *Enterocin 1071A and B, antibacterial peptide produced by Enterococcus faecalis BFE 1071*. Sixth Symposium on Lactic Acid Bacteria, Genetics, Metabolism and Applications. Veldhoven, The Netherlands, 1999.
2. CORDERO OTERO RR, DACKEHAG A, GARDONY M, HAHN-HÄGERDAL B, VAN ZYL WH. *Cold adaptation of a thermostable xylose isomerase*. Ninth IUMS Congress: Bacteriology, Applied Microbiology and Mycology. Sydney, Australia, 1999.
3. DE KOCK SL, VAN ZYL WH. *Development and commercialization of the antagonistic yeast Cryptococcus albidus for the control of postharvest diseases of fruit*. Ninth IUMS Congress: Bacteriology, Applied Microbiology and Mycology. Sydney, Australia, 1999.
4. DEN HAAN R, PLÜDDEMANN A, VAN ZYL WH. *The xylose-fermenting yeast Pichia stipitis as host for the heterologous production of the hepatitis b middle protein*. Ninth IUMS Congress: Bacteriology, Applied Microbiology and Mycology. Sydney, Australia, 1999.
5. DU TOIT M, SCHOE MAN H, VIVIER MA, DICKS LMT, HASTINGS JW, PRETORIUS IS. *A yeast with antimicrobial activity as possible alternative to chemical preservatives*. Food Micro '99. 17th International Symposium of the International Committee on Food Microbiology and Hygiene (ICFMH). Veldhoven, The Netherlands, 1999.

6. GÖRGENS JF, VAN ZYL WH, KNOETZE JH, HAHN-HÄGERDAL B. *The effect of heterologous protein production on the metabolism and physiology of Saccharomyces cerevisiae*. American Institute of Chemical Engineers (AIChE) Annual Meeting. Dallas, Texas, USA, 1999.
7. ISSEL LJ, JANSE BJH, VILJOEN M. *Hydrolysis of polysaccharides by yeast isolated from grape pomace*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
8. KRITZINGER R, DICKS LMT. *Purification and N-terminal amino acid sequence of pediocin PD-1, produced by Pediococcus damnosus NCFB 1832*. Sixth Symposium on Lactic Acid Bacteria, Genetics, Metabolism and Applications. Veldhoven, The Netherlands, 1999.
9. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. *Genetic engineering of the yeast Saccharomyces cerevisiae to degrade xylan*. Ninth IUMS Congress: Bacteriology, Applied Microbiology and Mycology. Sydney, Australia, 1999.
10. OKKERS DJ, DICKS LMT, SILVESTER M, JOUBERT JJ, ODENDAAL HJ. *Characterization of pentocin TV35b, a bacteriocin-like peptide isolated from Lactobacillus pentosus with a fungistatic effect on Candida albicans*. Food Micro '99. 17th International Symposium of the International Committee on Food Microbiology and Hygiene (ICFMH). Veldhoven, The Netherlands, 1999.
11. PETERSEN SH, PRETORIUS IS, VAN ZYL WH. *Development of a polysaccharide degrading strain of Saccharomyces cerevisiae*. Ninth IUMS Congress: Bacteriology, Applied Microbiology and Mycology. Sydney, Australia, 1999.
12. PIETERSE A, CORDERO OTERO RR, VAN ZYL WH. *Cloning and expression of a novel xylan esterase gene from Bacillus pumilus*. Nineteenth International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
13. PRETORIUS IS, SCHOEMAN H, DU TOIT M, VIVIER MA, DICKS LMT. *Engineering wine yeast strains with antimicrobial activity*. VIth International Oenology Symposium. Bordeaux, France, 1999.
14. PRETORIUS IS, SCHOEMAN H, DU TOIT M, VIVIER MA, DICKS LMT. *Engineering wine yeast strains with antimicrobial activity*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
15. PRIOR BA. *Yeast cell surfaces and membrane phenomena*. 20th International Symposium on Yeasts. Smolenice, Slovakia, 1999.
16. RAWLINGS DE. *The molecular genetics of mesophilic, acidophilic, chemolithotrophic, iron- or sulfur-oxidizing microorganisms*. International Symposium on Biohydrometallurgy, IBS 99. El Escorial, Spain, 1999.
17. RAWLINGS DE. *Protein-protein, toxin-antitoxin plasmid stability systems*. William Dunn School of Pathology. Oxford University, 1999.
18. RAWLINGS DE, CORAM NJ, GARDNER MN, DEANE SM. *Thiobacillus caldus and leptospirillum ferrooxidans are widely distributed in continuous flow biooxidation tanks used to treat a variety of metal-containing ores and concentrates*. International Symposium on Biohydrometallurgy, IBS 99. El Escorial, Spain, 1999.
19. SAAYMAN M, COTON EPN, VAN VUUREN HJJ, VILJOEN M. *Differential transport of malate and fumarate in Candida utilis and Schizosaccharomyces pombe*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
20. SCHOEMAN H, DU TOIT M, VIVIER MA, DICKS LMT, HASTINGS JW, PRETORIUS IS. *Development and potential application of wine yeasts with antibacterial activity*. Twenty-fourth International Wine Congress. Mainz, Germany, 1999.
21. SCHOEMAN H, VIVIER MA, DICKS LMT, PRETORIUS IS. *Expression of pediocin PA-1, a bacteriocin produced by Pediococcus acidilactici PAC1•0, in Saccharomyces cerevisiae*. Sixth Symposium on Lactic Acid Bacteria, Genetics, Metabolism and Applications. Veldhoven, The Netherlands, 1999.
22. SILVESTER ME, DICKS LMT, LAWSON PA, COLLINS MD. *Taxonomy of lactic acid bacteria isolated from the posterior fornix of the vagina of non-pregnant and pregnant patients. Description of a new species Lactobacillus fornisalis sp. Nov.* Food Micro '99. 17th International Symposium of the International Committee on Food Microbiology and Hygiene (ICFMH). Veldhoven, The Netherlands, 1999.
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24. TRÄFF KL, CORDERO OTERO RR, VAN ZYL WH, HAHN-HÄGERDAL B. *Xylose consumption and ethanol production in recombinant Saccharomyces cerevisiae*. Nineteenth International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
25. VAN DER MERWE M, VILJOEN M. *Regulated expression of the S. pombe malic enzyme gene*. 1st International Conference on Schizosaccharomyces. Edinburgh, Scotland, 1999.
26. VAN REENEN CA, DICKS LMT, TCHIKINDAS ML. *Comparison of plantaricin 423 and pediocin PA-1*. Sixth Symposium on Lactic Acid Bacteria, Genetics, Metabolism and Applications. Veldhoven, The Netherlands, 1999.
27. VAN ZYL WH. *Heterologous production of lignocellulosic hydrolases in Saccharomyces cerevisiae*. Paper delivered on a visit to the Department of Applied Microbiology, Lund University. Lund, Sweden, 1999.
28. VILJOEN M, SAAYMAN M, VAN DER MERWE M, VOLSCHENK H, VAN VUUREN HJJ. *Regulation of malate degradation in S. pombe*. 1st International Conference on Schizosaccharomyces. Edinburgh, Scotland, 1999.
29. VILJOEN M, VOLSCHENK H, YOUNG RA, VAN VUUREN HJJ. *Cis-acting elements involved in the induced expression of the S. pombe malic enzyme gene under fermentative conditions*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
30. VISSER JJ, COTON EPN, BAUER F, VILJOEN M, VAN VUUREN HJJ. *Engineering an acid urease for heterologous expression in Saccharomyces cerevisiae*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
31. VOLSCHENK H, VILJOEN M, VAN VUUREN HJJ. *Construction of recombinant strains of Saccharomyces cerevisiae for malo-ethanolic and malolactic fermentation*. XIX International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.

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1. ALLSOP SF, JANSE BJH, CULLEN D. *Expression of lignin peroxidase encoding genes in Phanerochaete chrysosporium grown on wood chips*. IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
2. ALLSOP SF, JANSE BJH, CULLEN D. *Genomic mapping of lignocellulolytic genes in Phanerochaete chrysosporium using automated sequencing*. IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.

3. BIELY P, PRIOR BA, CHRISTOV LP. *Differences in catalytic properties of endo- β -1,4-xylanases of families 10 and 11 and their interaction with pulp.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, South Africa, 1999.
4. DE KOKER TH, JANSE BJH, MOZUCH MD, KERSTEN PJ. *Production of hydrogen peroxide during oxidation of xylose by glyoxal oxidase and Phanerochaete chrysosporium cultures.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
5. DE WET BJM, O'NEILL FH, CHRISTOV LP, VAN ZYL WH, PRIOR BA. *Characterization of hemicellulase accessory enzyme activity from Aureobasidium pullulans.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
6. DICKS LMT. *Antimicrobial peptides of lactic acid bacteria - are they only fit for use as food preservatives?* Biochemistry Forum. Stellenbosch, 1999.
7. GOVINDEN R, PILLAY B, PILLAY D, VAN ZYL WH. *Xylose fermentation by recombinant Saccharomyces cerevisiae.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
8. HAARHOFF J, BOTHA A, JANSE BJH. *Phylogenetic analysis of the genus Mucor using ITS sequences.* The Inaugural Conference of the South African Society for Systematic Biology. Stellenbosch, 1999.
9. KRITZINGER R, DICKS LMT. *Biopreservation with antimicrobial peptides.* SA Society of Dairy Technology Symposium. San Lameer Estate, KwaZulu Natal, 1999.
10. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. *Construction of Saccharomyces cerevisiae strains that degrade xylan.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
11. PAUL I, ROUX C, BOTHA A, KOCK JLF. *Notes on the Morphology of the genus Mortierella (Fungi: Mucorales).* The 38th Annual Conference of the Society of Southern Africa. Bloemfontein, 1999.
12. PAUL I, ROUX C, BOTHA A, KOCK JLF. *Useful techniques of specimen preparation for fungal structures: Studies in light microscopy.* The 38th Annual Conference of the Society of Southern Africa. Bloemfontein, 1999.
13. PETERSEN SH, PRETORIUS IS, VAN ZYL WH. *Genetic engineering of Saccharomyces cerevisiae for polysaccharide degradation.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
14. PRIOR BA. *Microbiology: Reflections and prospects.* Lecture to 12th Annual Symposium of the South African Society for Microbiology. Natal, 1999.
15. PRIOR BA. *MIP channels in microorganisms: Role in osmoregulation.* Lecture at the University of Cape Town. Cape Town, 1999.
16. PRIOR BA. *Role of Fps1 in osmotic stress.* Lecture at Department of Biochemistry, University of Cape Town. Cape Town, 1999.
17. SETATI ME, VAN ZYL WH, STÅLBRAND H, HAHN-HÄGERDAL B. *Characterisation of Aspergillus niger β -mannanase (MAN1) produced in Saccharomyces cerevisiae.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
18. SINGH S, DU PREEZ JC, PILLAY B, PRIOR BA. *The production of hemicellulases by Thermomyces lanuginosus strain SSBP: Influence of agitation and dissolved oxygen tension.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
19. SINGH S, REDDY P, HAARHOFF J, LAKAY F, PILLAY D, PILLAY B, BIELY P, JANSE B, PRIOR BA. *Comparison of the properties of Thermomyces Lanuginosus strains producing a thermostable xylanase.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
20. SMITH M, HALLSWORTH JE, PRIOR BA. *Xylitol production by yeasts under severe osmotic stress.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
21. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, PETERSEN SH, CROUS JM, LUTTIG M, PRETORIUS IS. *Heterologous production of lignocellulosic hydrolases in Saccharomyces cerevisiae.* IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, 1999.
22. VILJOEN M, STASSEN L, ZIETSMAN JJ. *Biological treatment of winery effluents.* 23rd Conference of the South African Society for Enology and Viticulture. Cape Town, 1999.
23. VOLSCHENK H, VILJOEN M, HUSNIK J, VAN VUUREN HJJ. *Malate degradation by recombinant strains of Saccharomyces cerevisiae.* 23rd Conference of the South African Society for Enology and Viticulture. Cape Town, 1999.

Hoofstukke in boeke/Chapters in books

1. BOTHA A, DU PREEZ JC. Mucor. In: Robinson R, Batt C, Patel P, (eds). *Encyclopedia of Food Microbiology.* Academic Press Ltd, London, 1999: 940-946.
2. BOTHA A. Geotrichum. In: Robinson R, Batt C, Patel P, (eds). *Encyclopedia of Food Microbiology.* Academic Press Ltd, London, 1999: 940-946.
3. KARTHIKEYAN S, KORBER DR, WOLFAARDT GM, CALDWELL DE. Monitoring the Organization of Microbial Biofilms. In: An H, (ed.). *Handbook of Bacterial Adhesion.* Humana Press, Totowa, 1999: 171-188.
4. KORBER DR, WOLFAARDT GM, BRÖZEL V, MACDONALD R, NIEPEL T. Reporter systems for microscopic analysis of microbial biofilms. In: Doyle RJ, (ed.). *Biofilms. Methods in Enzymology.* Academic Press, NY, 1999: 3-20.
5. WOLFAARDT GM, KORBER DR, LAWRENCE JR. Function and distribution of reactive extracellular polymers in heterogeneous microbial communities. In: Wingender J, Neu TR, Flemming H-C, (eds). *Microbial Extracellular Polymeric Substances.* Springer International, 1999: 171-200.

Doktoraal aangehandel/Doctoral completed

1. LA GRANGE D. *Genetic engineering of the yeast Saccharomyces cerevisiae to degrade xylan.* PhD, 1999. 249 pp. Promotor/meedepromotor: Prof WH van Zyl/prof IS Pretorius.
2. LODOLO EJ. *The effect of oxygen on the fermentation ability of Saccharomyces cerevisiae during high-gravity wort fermentations.* PhD, 1999. 242 pp. Promotor: Prof BA Prior.

- VAN DER WESTHUIZEN TJ. *Characterization and evaluation of indigenous Saccharomyces cerevisiae strains isolated from South African vineyards*. PhD, 1999. 67 pp. Promotor/medepromotor: Prof IS Pretorius/dr OPH Augustyn.

Magister afgehandel/Master's completed

- BIHL GG. *The regulation of trehalose and its function in stress resistance in Saccharomyces cerevisiae*. MSc, 1999. 100 pp. Studieleier/medestudieleiers: Prof HJJ van Vuuren/drs M Viljoen, FF Bauer.
- ISSEL LJ. *Bioprocessing of grape pomace*. MSc, 1999. 108 pp. Studieleier/medestudieleier: Dr M Viljoen/dr BJH Janse.
- KHAN W. *Geographical distribution, characterization and evaluation of Saccharomyces cerevisiae strains isolated from South African vineyards in the warmer, inland regions of the Western Cape*. MSc, 1999. 80 pp. Studieleier: Prof IS Pretorius.
- OKKERS DJ. *Characterization of pentocin TV35b, a broad-spectrum antimicrobial peptide produced by Lactobacillus pentosus isolated from the human vagina*. MSc, 1999. 74 pp. Studieleier: Prof LMT Dicks.
- ROSSOUW J. *Populations and fate of faecal bacteria in contaminated water of the Eerste River below Stellenbosch*. MSc, 1999. 158 pp. Studieleier/medestudieleier: Prof MA Loos/dr JH Randall.
- SILVESTER ME. *Isolation and characterization of lactic acid bacteria isolated from the urogenital tract of women*. MSc, 1999. 95 pp. Studieleier: Prof LMT Dicks.
- STRATIOTIS AL. *Identification of lactic bacteria isolated from South African fortified wines*. MSc, 1999. 90 pp. Studieleier: Prof LMT Dicks.
- VAN SCHALKWYK C. *Identification and characterization of surface layers on Propionibacterium Jensenii and P. Freudenreichii subspecies Shermanii*. MSc cum laude, 1999. 106 pp. Studieleier/medestudieleier: Prof TJ Brtiz/prof P Swart.
- VISSER JJ. *Cloning and expression of the Lactobacillus fermentum acid urease gene in Saccharomyces cerevisiae*. MScAgric, 1999. 88 pp. Studieleier/medestudieleier: Prof HJJ van Vuuren/dr M Viljoen.

Doktoraal lopend/Doctoral current

- BODLEY MD. *The application of bacteriocins as food preservatives and predictive modelling thereof*. PhD Promotor: Prof LMT Dicks.
- BUTCHER BG. *Molecular genetics of arsenic resistance in the biomining bacterium, Thiobacillus ferrooxidans*. PhD Promotor: Prof DE Rawlings.
- CORAM NJ. *Molecular characterisation of iron-oxidising Leptospirillum strains from around the world*. PhD Promotor: Prof DE Rawlings.
- D'AGUANNO VS. *Yeast as biological control agent*. PhD Promotor: Prof IS Pretorius.
- DE KOKER TH. *The genetic and enzymatic characterization of South African strains of Phanerochaete chrysosporium*. PhD Promotor: Dr BJH Janse.
- DE WET BJM. *Isolation, characterization and heterologous expression of hemicellulose accessory enzymes from Aureobasidium pullans*. PhD Promotor/medepromotor: Prof BA Prior/prof WH van Zyl.
- GAGIANO M. *Molecular characterisation of *Mss11p*, a transcriptional activator for the *Saccharomyces cerevisiae MUC1* and *STA1-3* genes*. PhD Promotor: Prof IS Pretorius.
- GARDNER MN. *Investigation into the biology of a broad-host-range mobilizable plasmid from the moderately thermophilic bacterium *Thiobacillus caldus**. PhD Promotor: Prof DE Rawlings.
- GOVENDER P. *Industrial yeast strains engineered for controlled flocculation*. PhD Promotor: Prof IS Pretorius.
- JOLLY NP. *Characterization, evaluation and use of non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor: Prof IS Pretorius.
- KRITZINGER R. *Characterization of the genes coding for the production of pediocin PD-1*. PhD Promotor: Prof LMT Dicks.
- PLÜDDEMAN A. *The filamentous fungus Aspergillus as host for the heterologous expression of Hepatitis B viral proteins*. PhD Promotor: Prof WH van Zyl.
- ROSE SH. *Genetic manipulation and evaluation of Aspergillus spp. for heterologous polysaccharase production*. PhD Promotor: Prof WH van Zyl.
- SAAYMAN M. *Cloning the dicarboxylic acid transported from Candida Utilis*. PhD Promotor: Dr M Viljoen.
- SCHOEMAN H. *Detection and monitoring growth behaviour of genetically modified yeasts within microbial vineyard populations*. PhD Promotor: Prof IS Pretorius.
- SETATTI ME. *Cloning, expression and characterization of fungal B-1,4-mannanase encoding genes and secretion in *Saccharomyces cerevisiae**. PhD Promotor: Prof WH van Zyl.
- VAN DER MERWE GK. *Transcriptional regulation of the DAL1 and DAL4 genes in the yeast *Saccharomyces cerevisiae**. PhD Promotor/medepromotor: Prof HJJ van Vuuren/ prof IS Pretorius.
- VAN REENEN CA. *Characterization of bacteriocin 423 produced by a Lactobacillus pentosus*. PhD Promotor: Prof LMT Dicks.
- VOLSCHENK H. *Ontwikkeling van appel-etanoliese en appelmelksuurgiste*. PhD Promotor/medepromotor: Prof HJJ van Vuuren/dr M Viljoen.

Magister lopend/Master's current

- ALLSOP SF. *Expression and organization of Lignocellulose genes in Phanerochaete chrysosporium*. MSc Studieleier/medestudieleier: Dr BJH Janse/prof WH van Zyl.
- BOOYSEN C. *Taksonomiese studie van die bakterie populasie in mout en die effek daarvan op brouersgis*. MSc Studieleier: Prof LMT Dicks.
- CRONWRIGHT GR. *Analysis of the control of glycerol synthesis in *Saccharomyces cerevisiae**. MSc Studieleier: Prof BA Prior.
- DAVIDSE EK. *Control and prevention of Staphylococcal mastitis in dairy cows by using bacteriocin-producing lactic acid bacteria*. MSc Studieleier: Prof LMT Dicks.

5. DE GROOT P. *The arsenic resistance genes of the biomining bacterium, Thiobacillus caldus*. MSc Studieleier: Prof DE Rawlings.
6. DEN HAAN R. *Development of heterologous expression system for the xylose fermenting yeast Pichia stipitis*. MSc Studieleier: Prof WH van Zyl.
7. ERASMUS DJ. *The role of the Ure2p in the regulation of nitrogen metabolism in Saccharomyces cerevisiae*. MSc Studieleier: Prof HJJ van Vuuren.
8. FARMER JM. *The effect of indigenous and commercial yeasts on urea levels in South African wines*. MSc Studieleier: Prof IS Pretorius.
9. FUNDIRA M. *Optimization of fermentation processes for the production of indigenous fruit wines*. MSc Studieleier: Prof IS Pretorius.
10. LAKAY FM. *Fungal hemicellulases as animal feed additives*. MSc Studieleier: Prof BA Prior.
11. LLOYD MH. *Biological treatment of gelatine factory effluents*. MSc Studieleier: Prof TJ Britz.
12. MEYER AH. *Effek van mikorisas en ander plantgeassosieerde mikroorganismes op die prestasie van jong wingerd*. MSc Studieleier: Dr A Botha.
13. MOGASHOA MM. *Construction and expression of a polysaccharase gene cassette in Saccharomyces cerevisiae*. MSc Studieleier: Prof IS Pretorius.
14. PIETERSE A. *Cloning of a novel esterase gene from Bacillus pumilus and its cloning and characterization in Escherichia coli*. MSc Studieleier: Prof WH van Zyl.
15. SAMSON H. *The effect of orchard preparation on soil fungal populations of pristine Mountains Fynbos*. MSc Studieleier: Dr A Botha.
16. SCHOLTZ EHP. *Characterization and protein engineering of xylose isomerase from Thermus thermophilus*. MSc Studieleier: Prof WH van Zyl.
17. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. MSc Studieleier: Prof IS Pretorius.
18. VAN DER MERWE M. *Regulated expression of the Schizosaccharomyces pombe malic enzyme gene*. MSc Studieleier: Dr M Viljoen.
19. VAN DYK D. *Genetic analysis of a Saccharomyces cerevisiae signal transduction pathway*. MSc Studieleier/medestudieleier: Prof IS Pretorius/dr FF Bauer.
20. VAN ROOYEN R. *Development of an integrative transformation system for the yeast Candida utilis ATCC 9950*. MSc Studieleier: Prof WH van Zyl.

REKENAARWETENSKAP / COMPUTER SCIENCE

Tydskrifartikels/Journal articles

1. EWERT S, VAN DER WALT APJ. Generating pictures using random permitting context. *International Journal of Pattern Recognition and Artificial Intelligence* 1999; **13**(3): 339-355.
2. EWERT S, VAN DER WALT APJ. A hierarchy result for random forbidding context picture grammars. *International Journal of Pattern Recognition and Artificial Intelligence* 1999; **13**(7): 997-1007.
3. EWERT S, VAN DER WALT APJ. Random context picture grammars. *Publicationes Mathematicae Debrecen* 1999; **54**: 763-785.
4. EWERT S, VAN DER WALT APJ. Shrink indecomposable fractals. *Journal of Universal Computer Science* 1999; **5**(9): 521-531.
5. GILES CL, OMLIN CW, THORNBER KK. Equivalence in knowledge representation: Automata, recurrent neural network, and dynamical fuzzy systems. *Proceedings of the IEEE* 1999; **87**(9): 1623-1640.
6. VAN ZIJL L, VAN DER WALT APJ. Some automata-theoretic properties of intersection NFAs. *South African Computer Journal* 1999; **136**: 163-167.

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1. ARVIDSSON B, BEREZNER SA, KRZESINSKI AE. *The design and management of ATM virtual path connection networks*. Proceedings of the 7th International Symposium on Modelling, Analysis, and Simulation of Computer and Telecommunication Systems (MASCOTS'99). Maryland, USA, 1999: 2-9.
2. BEREZNER SA, DE KOCK JM, KRZESINSKI AE. *The design of optimal virtual path connection networks with service separation*. Proceedings of the 2nd International Conference on Information, Communications and Signal Processing. Singapore, 1999: 5-10.
3. BEREZNER SA, DE KOCK JM, KRZESINSKI AE, TAYLOR PG. *Local reconfiguration of ATM virtual path connection networks*. Proceedings of the 5th International Conference on Broadband Communications. Hong Kong, 1999: 621-630.
4. VAHED A, OMLIN CW. *Rule extraction from recurrent neural networks using a symbolic machine learning algorithm*. Proceedings of the 6th International Conference on Neural Information Processing. Perth, Australia, 1999: 712-717.

Verrigtinge nasionaal/Proceedings national

1. ANDRAG WH, OMLIN CW. *Distributed Intelligent multi-agents for telecommunication network management*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 302-306.
2. ARVIDSSON A, DE KOCK JM, KRZESINSKI AE, TAYLOR P. *Cost-effective deployment of bandwidth partitioning in broadband networks*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 510-515.
3. DE KOCK JM, KRZESINSKI AE. *Dealing with instability in the reduced load approximation*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 78-83.

4. SAAL O, BLAKE E, KRZESINSKI AE. *Visualisation of ATM network connectivity and topology*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 505-509.
5. VAN WYK CP. *Dealing with instability in the reduced load approximation*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 163-167.
6. WESSELS T, OMLIN CW. *Refining hidden Markov models with recurrent neural networks*. 2nd South African Telecommunications Networks Applications Conference (SATNAC'99). Durban, 1999: 368-373.

Referate internasional/Papers international

1. DE VILLIERS PJA, GELDENHUYSEN J. *Theoretical and practical aspects of SPIN model checking*. The 5th International SPIN Workshop on Theoretical Aspects of Model Checking. Trento, Italy, 1999.
2. EWERT S, VAN DER WALT APJ. *Shrink indecomposable fractals*. Workshop on Formal Languages and Automata (WFLA), a satellite event of the 12th International Symposium on Fundamentals of Computation Theory (FCT), Iasi, Romania, 1999.
3. VAN DER WALT APJ. *On accessible near-rings*. International Conference on Near-rings and Near-fields. Edinburgh, 1999.
4. VAN DER WALT APJ. *Some examples of matrix near-rings*. Arbeitstagung über allgemeine Algebra. Vienna, 1999.

Doktoraal afgehandel/Doctoral completed

1. ENGELBRECHT AP. *Concept learning: Combining set covering with connectionist inductive learning*. PhD, 1999. 255 pp. Promotor: Prof I Cloete.
2. EWERT S. *Formal languages for picture description*. PhD, 1999. 194 pp. Promotor: Prof APJ van der Walt.
3. THERON PZ. *Automatic acquisition of lexical semantic relations for computational lexicons*. PhD, 1999. 140 pp. Promotor: Prof I Cloete.
4. VIKTOR HL. *Rule extraction from neural networks*. PhD, 1999. 230 pp. Promotor: Prof I Cloete.

Magister afgehandel/Master's completed

1. DE VILLIERS JA. *Microkernel support for the Oberon System*. MSc, 1999. 74 pp. Studieleier: Mnr PJA de Villiers.
2. INGGS AM. *Efficient call management in broadband networks*. MSc, 1999. 70 pp. Studieleier: Prof AE Krzesinski.
3. VAN WYK CP. *A verification system based on automata theory*. MSc, 1999. 58 pp. Studieleier: Prof AE Krzesinski.

Doktoraal lopend/Doctoral current

1. DE VILLIERS PJA. *A validated microkernel*. PhD Promotor/medepromotor: Dr G Holzmann (Bell Lab., USA)/prof AE Krzesinski.
2. VAHED A. *The generalization performance of artificial neural networks*. PhD Promotor: Dr CW Omlin.
3. VAN DEVENTER MH. *Design, verification and validation of multi-agent autonomous systems*. PhD Promotor: Dr CW Omlin.

Magister lopend/Master's current

1. ANDRAG W. *Intelligent agents for network management*. MSc Studieleier: Dr CW Omlin.
2. BAGULA A. *Real-time management of ATM virtual paths*. MSc Studieleier: Prof AE Krzesinski.
3. CONNAN J. *Automatic classification of articles on the world wide web*. MSc Studieleier: Dr CW Omlin.
4. DE JAGER PC. *Intelligent adaptive user assistant for digital voice recording*. MSc Studieleier: Prof I Cloete.
5. DE JONGH A. *Modelling of co-operating neural network agents*. MComm Studieleier: Prof I Cloete.
6. DE KOCK JM. *Optimization of call management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
7. DE WAAL J. *Circuit reservation in circuit-switched networks*. MComm Studieleier: Prof AE Krzesinski.
8. ESTERHUYSE E. *An efficient file service in a distributed environment*. MComm Studieleier: Mnr PJA de Villiers.
9. GELDENHUYSEN J. *An efficient reliable verification system*. MSc Studieleier: Mnr PJA de Villiers.
10. HAYTER JA. *A system for visualizing teletraffic data*. MComm Studieleier: Prof AE Krzesinski.
11. LOUBSER JJ. *Device drivers: A comparison of different development strategies*. MSc Studieleier: Mnr PJA de Villiers.
12. NEMETH V. *Scheduling and management of distributed transportable agents*. MSc Studieleier: Prof I Cloete.
13. PRINS W. *Recurrent and hybrid neural networks for process control*. MSc Studieleier: Prof I Cloete.
14. RABE DJ. *Evaluation of HTML and Java as authoring tools for a scientific CBT-program*. MSc Studieleier: Dr EH Gouws.
15. STRYDOM HJ. *A generic on-line process control data visualization system using neural networks*. MSc Studieleier: Dr C Omlin.
16. WAHABI R. *Research management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
17. WEBBER AH. *The development of a real-time network system directed at limited resource environments*. MSc Studieleier: Prof AE Krzesinski.
18. WESSELS T. *Intelligent speech processing*. MSc Studieleier: Dr CW Omlin.

SOÖLOGIE / ZOOLOGY

Tydskrifartikels/Journal articles

1. ACKERMAN DJ, REINECKE AJ, ELS HJ, GROBLER DG, REINECKE SA. Sperm abnormalities associated with high copper levels in impala (*Aepyceros melampus*) in the Kruger National Park, South Africa. *Ecotoxicology & Environmental Safety* 1999; **43**: 261-266.
2. BAUWENS D, CASTILLA AM, MOUTON PleFN. Field body temperatures, activity levels and opportunities for thermoregulation in an extreme microhabitat specialist, the girdled lizard *Cordylus macropholis*. *Journal of Zoology London* 1999; **249**: 11-18.
3. COOPER WE, VAN WYK JH, MOUTON PleFN. Discriminations between pheromones produced by self and other individuals of the same sex in the lizard *Cordylus cordylus*. *Journal of Chemical Ecology* 1999; **25**: 197-208.
4. DANIELS SR, GIBBONS MJ, STEWART BA. Allozyme variation among populations of the freshwater crab, *Potamonautes perlatus* (Decapoda: Potamonautilidae) in the Berg River system, Western Cape, South Africa. *Journal of Zoology London* 1999; **34**(2): 64-68.
5. DANIELS SR, STEWART BA, GIBBONS MJ. Genetic structure among populations of *Potamonautes perlatus* (Decapoda: Potamonautilidae) from the Olifants River system in the Western Cape, South Africa. *Journal of Zoology London* 1999; **249**: 137-142.
6. MABOETA MS, REINECKE AJ, REINECKE SA. The effects of low levels of lead on the growth and reproduction of the African earthworm *Eudrilus eugeniae* (Oligochaeta). *Biology & Fertility of Soils* 1999; **30**: 113-116.
7. MABOETA MS, REINECKE AJ, REINECKE SA. The effects of low levels of lead on growth and reproduction of the Asian earthworm *Perionyx excavatus* (Oligochaeta). *Ecotoxicology & Environmental Safety* 1999; **44**: 236-240.
8. MOUTON PleFN, FLEMMING AF, KANGA EM. Grouping behaviour, tail biting behaviour, and sexual dimorphism in the armadillo lizard (*Cordylus cataphractus*) from South Africa. *Journal of Zoology London* 1999; **249**: 1-10.
9. NEL JA, KOK OB. Diet and foraging group size in the yellow mongoose: With the suricate and the bat-eared fox. *Ethology Ecology and Evolution* 1999; **11**(1): 25-34.
10. ODENDAAL JP, REINECKE AJ. The short-term toxicological effects of cadmium on the woodlouse *Porcellio laevis* (Crustacea, Isopoda). *Ecotoxicology and Environmental Safety* 1999; **43**: 30-34.
11. ODENDAAL JP, REINECKE AJ. The sublethal effects and accumulation of cadmium in the terrestrial isopod *Porcellio laevis* Latr. (Crustacea, Isopoda). *Archives of Environmental Contamination and Toxicology* 1999; **36**(1): 64-69.
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13. PRINSLOO MW, REINECKE SA, PRZYBYLOWICZ WJ, MESJASZ-PRZYBYLOWICZ J, REINECKE AJ. Micro-PIXE studies of Cd distribution in the nephridia of the earthworm *Eisenia fetida* (Oligochaeta). *Nuclear Instruments & Methods in Physics Research B* 1999; **158**: 317-322.
14. REINECKE SA, PRINSLOO MW, REINECKE AJ. Resistance of *Eisenia fetida* (Oligochaeta) to cadmium after long-term exposure. *Ecotoxicology & Environmental Safety* 1999; **42**: 75-80.
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16. RIDGWAY TM, BRANCH GM, STEWART BA. *Patella natalensis* Krauss, 1848: Redescription of an unrecognised limpet from the east coast of South Africa. *Journal of Molluscan Studies* 1999; **65**: 139-142.
17. RIDGWAY TM, BRANCH GM, STEWART BA, HODGSON AN. Taxonomic status of the *Patella miniata* species complex (Mollusca Gastropoda) in southern Africa. *Hydrobiologia* 1999: 1-16.
18. VAN DIJK E, GEERTSEMA H. Permian insects from the Beaufort Group of Natal, South Africa. *Annals of Natal Museum* 1999; **40**: 137-171.
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Verrigtinge internasional/Proceedings international

1. NEL JA. *Social learning in canids: An ecological perspective*. Symposium of the Zoological Society of London. London, 1999; **72**: 259-278.

Referate internasional/Papers international

1. CUNNINGHAM MJ, CHERRY MI. *Hybridisation between guttural and raucous toads: Testing behavioural hypotheses with mtDNA*. Evolutionary Diversification: Insights from Studies of Geographical Variation and Hybridization. University of Missouri-Columbia, USA, 1999.
2. HELLING B, REINECKE AJ, LOUW K, FOURIE J, REINECKE SA. *The impact of herbicides on soil biological activity, measured with the bait-lamina test – a field study in a vineyard in the Western Cape*. Ninth International Congress on Toxicity Assessment. Pretoria, South Africa, 1999.
3. HELLING B, REINECKE SA, REINECKE AJ. *Neutral red retention assay - an earthworm biomarker and its ecological relevance for the exposure of the fungicide copper oxychloride*. International Congress of the Society of Environmental Toxicology and Chemistry. Leipzig, Germany, 1999.
4. MOUTON PleFN, FLEMMING AF. *Morphological changes that accompanied transitions from rock-dwelling to terrestrial lifestyles in cordylid lizards*. Tenth Ordinary General Meeting of Societas Europaea Herpetologica. Natural History Museum of Crete, Iraklio, 1999.
5. ODENDAAL JP, REINECKE AJ. *The toxicity of sublethal lead concentrations for the woodlouse Porcellio laevis (Crustacea, Isopoda)*. 9th Annual Meeting of SETAC-Europe. Leipzig, Germany, 1999.
6. POOL EJ, VAN WYK JH, LESLIE AJ. *An Enzyme Linked Immunosorbent Assay (ELISA) for measuring vitellogenin, a biomarker for xenobiotic estrogens*. Ninth International Symposium on Toxicity Assessment. Pretoria, South Africa, 1999.

7. POOL EJ, VAN WYK JH, LESLIE AJ. *The monitoring of water quality using a whole blood culture assay: the inflammatory activity of riverine and drinking water*. Ninth International Symposium on Toxicity Assessment. Pretoria, South Africa, 1999.
8. PRINSLOO MW, REINECKE SA, REINECKE AJ. *Nephrotoxic effects exerted on the nephridia of the earthworm Eisenia fetida (Oligochaeta) by CdSO4*. International Congress of the Society of Environmental Toxicology and Chemistry, Leipzig, Germany, 1999.
9. PRINSLOO MW, REINECKE SA, REINECKE AJ, PRZYBYLOWICZ W, MESJASE-PRZYBYLOWICZ J. *Distribution of Cd in the nephridia of the earthworm Eisenia fetida (Oligochaeta)*. International Congress of the Society of Environmental Toxicology and Chemistry, Leipzig, Germany, 1999.
10. REINECKE AJ, REINECKE SA. *Additional toxicity endpoints for the assessment of metal toxicity on three epigeic oligochaete species*. International Congress of the Society of Environmental Toxicology and Chemistry. Philadelphia, USA, 1999.
11. REINECKE SA, REINECKE AJ. *Resistance and cross-resistance to toxic metals in earthworms*. International Congress of the Society of Environmental Toxicology and Chemistry. Leipzig, Germany, 1999.
12. SCHULZ R, DABROWSKI JM, HUGO C, KRAUSE V, PEALL SKC, REINECKE AJ. *Agricultural pesticide contamination in the Lourens River, Western Cape: importance of spraydrift and runoff for a field-relevant exposure assessment*. Ninth International Congress on Toxicity Assessment. Pretoria, South Africa, 1999.
13. SNYMAN RG, REINECKE SA, REINECKE AJ. *Change in lysosomal membrane stability of Helix aspersa haemocytes, as biomarker of copper exposure*. International Congress of the Society of Environmental Toxicology and Chemistry. Leipzig, Germany, 1999.
14. VISAGIE L, MOUTON PleFN, FLEMMING AF. *Grouping behaviour as an innate characteristic of the armadillo lizard (Cordylus cataphractus)*. Tenth Ordinary General Meeting of Societas Europaea Herpetologica. Natural History Museum of Crete, Irakleio, 1999.
15. WHITING MJ. *Behavioural ecology of a model organism: field manipulations of the Augrabies flat lizard*. Invited seminar, Department of Biology, Southwest Missouri State University. Missouri, USA, 1999.
16. WHITING MJ. *Lizards as model organisms in behavioural ecology*. Seminar, Department of Biology, University of Hawaii. Hawaii, 1999.
17. WHITING MJ. *Status-signalling in the lizard Platsysaurus broadleyi: Potential costs, and influence of badge size and testosterone*. Special Symposium: Variation in lizard behaviour: Individuals, populations and species. Combined meeting of ASIH, SSAR, HL and AES. Pennsylvania State University, USA, 1999.
18. WHITING MJ. *Understanding behavioural processes: Field manipulations of southern African lizards*. Seminar, Department of Wildlife and Fisheries Sciences, Texas A&M University. Texas, 1999.

Referate nasionaal/Papers national

1. CALF KM. *The role of male territory size and quality in mate choice of Cape and Gurney's sugarbirds, Promerops cafer and Promerops gurneyi*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
2. COOPER MI. *Paternity measures: P2 or not P2?* Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
3. CUNNINGHAM MJ. *The phylogeography of hybridisation between guttural and raucous toads*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
4. CUNNINGHAM MJ, CHERRY MI. *Hybridisation between guttural and raucous toads: Testing behavioural hypotheses with mtDNA*. Tenth Meeting of the African Amphibian Working Group. University of Stellenbosch, 1999.
5. CUNNINGHAM MJ, CHERRY MI. *The phylogeny of speciation in southern African bufonids; are species equivalent entities?* Tenth Meeting of the African Amphibian Working Group. University of Stellenbosch, 1999.
6. CURTIN AJ, CHINSAMY A, MOUTON PleFN. *Skeletochronology of two cordylid lizards*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
7. CURTIN AJ, MOUTON PleFN, CHINSAMY A. *Ecological inferences from bone histology in two cordylid lizards*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
8. DANIELS SR, STEWART BA. *Biochemical and morphometric variation among two closely related species of freshwater crabs (Decapoda: Potamonautesidae: Potamonautes) from South Africa*. 35th Annual Conference of the Southern African Society of Aquatic Scientists. Swakopmund, 1999.
9. GOUWS G, STEWART BA. *Freshwater crabs (Brachyura, Decapoda, Potamonautesidae) of KwaZulu-Natal, South Africa*. 35th Annual Conference of the Southern African Society of Aquatic Scientists. Swakopmund, 1999.
10. HENDERSON CL, CHERRY MI. *Do EPCs explain the tail? The Cape sugarbird story*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
11. MOUTON PleFN, FLEMMING AF. *Morphological correlates of terrestriality in cordylid lizards*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
12. RUDDOCK L, VAN WYK JH. *Protein variation in the femoral gland secretions of the lizard, Cordylus giganteus*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
13. SWARTZ EF, FLEMMING AF, MOUTON PleFN. *Population genetics of the minnows of the Olifants River System, Western Cape*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
14. SWARTZ ER, FLEMMING AF, MOUTON PleFN, BILLS IR, CUNNINGHAM MJ, IMPSON ND. *Freshwater fish conservation genetics in the Cedarberg*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
15. VAN WYK JH, LESLIE AJ, POOL EJ. *Xenopus laevis as a bio-indicator for endocrine-disrupting contaminants in South African water resources*. Tenth Meeting of the African Amphibian working Group. Stellenbosch, South Africa, 1999.
16. VISAGIE L, MOUTON PleFN, FLEMMING AF. *Why armadillo lizards are heavily armoured and bite their tails in defence*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.
17. VISAGIE, L MOUTON PleFN, FLEMMING AF. *Grouping behaviour as an innate characteristic of the armadillo lizard*. Symposium of the Zoological Society of Southern Africa. University of the North, Pietersburg, 1999.

Hoofstukke in boeke/Chapters in books

1. CHERRY MI, STANDER MJ, POYNTON JC. The amphibians of Mkomazi. In: Coe MJ, McWilliam N, Stone G, Packer M, (eds). *Mkomazi: The Ecology, Biodiversity and Conservation of a Tanzanian Savanna*. Royal Geographical Society, London, 1999: 405-410.
2. FLEMMING AF, BATES MF. Reptiles of Mkomazi. In: Coe MJ, McWilliam N, Stone G, Parker MJ, (eds). *Mkomazi: The Ecology, Biodiversity and conservation of a Tanzanian Savanna*. Royal Geographical Society, London, 1999: 411-426.
3. STEWART BA. Amphipods. In: Cowan GI, (ed.). *Biota of South African Wetlands in relation to the Ramsar Convention*. Department of Environmental Affairs and Tourism, Pretoria, 1999: 33-36.
4. STEWART BA. Crabs. In: Cowan GI, (ed.). *Biota of South African Wetlands in relation to the Ramsar Convention*. Department of Environmental Affairs and Tourism, Pretoria, 1999: 37-40.

Magister afgehandel/Master's completed

1. CURTIN AJ. *Bone histology of lowland and montane species in the family Cordylidae* (Reptilia: Squamata). MSc, 1999. 195 pp. Studieleier/medestudieleiers: Prof P le FN Mouton/prof A Chinsamy, dr JA van den Heever.
2. GOUWS G. *Morphological and genetic variation in potamonautid fresh water river crabs in KwaZulu-Natal*. MSc cum laude, 1999. 252 pp. Studieleier/medestudieleier: Dr BA Cook/dr MI Cherry.
3. KUIPER SM. *Brood parasitism by the red-chested cuckoo on two host species in the Eerste River valley*. MSc, 1999. 111 pp. Studieleier: Dr MI Cherry.
4. MUDGE TN. *Resource utilization and social behaviour of the Cape grey mongoose*, Galerella pulverulenta. MScAgric, 1999. 212 pp. Studieleier: Prof JAJ Nel.
5. PRINSLOO MW. *'n Ondersoek na die ontwikkeling van weerstand teen die swaarmetaal kadmium in die erdwurm Eisenia fetida (Oligochaeta) na langtermyn blootstelling*. MSc, 1999. 101 pp. Studieleier/medestudieleier: Dr SA Reinecke/prof AJ Reinecke.

Doktoraal lopend/Doctoral current

1. BATES MF. *An analysis of the Pseudocordylus melanotus and P. microlepidotus complexes* (Sauria: Cordylidae). PhD Promotor/medepromotor: Prof P le FN Mouton/dr WR Branch.
2. COOPER MI. *Population genetics of hybridizing Violet and Green Woodhoopes*. PhD Promotor: Dr MI Cherry.
3. DANIËLS S. *Phylogenetics and aspects of the evolutionary biology of freshwater crabs (Potamonautes) from South Africa*. PhD Promotor: Dr BA Cook.
4. ERASMUS BJ. *The habitat relationships of small mammals in the Northern Cape*. PhD Promotor/medepromotor: Prof JAJ Nel/dr N Fairall.
5. EVANS F. *Taphonomy, palaeoecology and Palaeobiogeography of some Palaeozoic fishes from Southern Gondwana*. PhD Promotor/medepromotor: Dr J Long/dr JA van den Heever.
6. GOUWS G. *Biogeography, systematics and Conservation of phreatoicid isopods in South Africa*. PhD Promotor: Dr BA Cook.
7. LOUBSER GJJ. *Western Cape and Namaqualand herpetofaunal diversity as an ecotourism resource*. PhD Promotor/medepromotor: Prof P le FN Mouton/prof JAJ Nel.
8. MABOETA MS. *Ecological relevance of suborganismal and population responses of terrestrial Oligochaeta to toxic heavy metals*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.
9. MAHLABA TAM. *The effects of Gnidea kraussianus, Scilla natalensis and Vernonia Glabra on the reproduction of a small rodent species (Martomys Natalensis)*. PhD Promotor/medepromotor: Prof JH van Wyk/prof JAJ Nel.
10. ODENDAAL JP. *Veranderinge in die hepatopankreas en gonades van Porcellio laevis (Isopoda) as potensiële biomerkers van metaalbesoedeling*. PhD Promotor: Prof AJ Reinecke.
11. SADIE D. *The hematology and reproductive biology of the great white shark, Carcharodon carcharias*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr LJV Compagno.
12. SNYMAN RG. *Selluläre biomerkers van omgewingsbesoedeling in terrestriële Mollusca in landbougronde*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.
13. SOMERS MJ. *Habitat utilization of Cape clawless otters Aonyx capensis*. PhD Promotor/medepromotor: Prof JAJ Nel/dr H Kruuk.

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1. ALBLAS A. *Cloacal glands of the group-living lizard, Cordylus cataphractus*. MSc Studieleier/medestudieleier: Prof P le FN Mouton/dr AF Flemming.
2. CALF KM. *A comparative study of the role of male territory size and quality in mate choice of Cape and Gurney's Sugarbirds*. MSc Studieleier/medestudieleier: Dr MI Cherry/dr CT Downs.
3. CHAPMAN AA. *The transfer of toxic metals through food chains from soil invertebrates to predators and cellular effects*. MSc Studieleier: Dr SA Reinecke.
4. DU TOIT A. *Ecology of the Cape grass lizard, Chamaesaura anguina (Cordylidae)*. MSc Studieleier/medestudieleier: Prof P le FN Mouton/dr AF Flemming.
5. HENDERSON CL. *Male tail length and female provisioning in the Cape Sugarbird, Promerops cafer*. MSc Studieleier: Dr MI Cherry.
6. HURTER E. *The natural endocrine cycles associated with the female reproductive system in the aquatic frog, Xenopus laevis, with special reference to the application of the yolk precursor, vitellogenin as a bio-indicator for detecting estrogenic contaminants in the environment*. MSc Studieleier/medestudieleier: Prof JH van Wyk/dr EJ Pool.
7. KOTZE M. *A new Erythrosuchid (Archosauriformes) from the Ormingonde Formation (Middle Triassic), Namibia: Systematics, comparative morphology and biostratigraphic significance*. MSc Studieleier/medestudieleier: Dr JA van den Heever/mnr RMH Smith.
8. LE ROUX A. *The role of vocalizations in the behaviour of whistling rats of the genus Parotomys*. MSc Studieleier/medestudieleier: Dr MI Cherry/dr T Jackson.

9. LOUW E. *The conditioning of food association of three small shark species with a visual and an auditory stimulus.* MSc Studieleier/medestudieleier: Dr MI Cherry/dr V Compagno.
10. NIEWOUDT CJ. *The effects of coastal lowland instability: Terrestrial and Group living in Cordylus macropholis and melanism in Cordylus polyzonus.* MSc Studieleier/ medestudieleier: Prof P le FN Mouton/dr AF Flemming.
11. RUDDOCK L. *The social behaviour of the giant girdled lizard, Cordylus giganteus (Reptilia: Cordylidae).* MSc Studieleier/medestudieleier: Prof JH van Wyk/dr M Whiting.
12. SEARBY CA. *The histology of generation glands, with special reference to skin shedding cycles in selected girdled lizards (Sauria: Cordylidae).* MSc Studieleier: Prof JH van Wyk.
13. SHARPE L. *The evolution of male reproductive strategies in Suricata suricatta.* MSc Studieleier/ medestudieleier: Dr MI Cherry/prof TH Clutton-Brock.
14. SMIT S. *Radiotoxicity of Iodine¹²³.* MSc Studieleier/medestudieleier: Prof L Böhm/dr SA Reinecke.
15. STRYDOM AV. *The seasonal reproductive cycle of the fresh water turtle, Pelomedusa Subrufa.* MSc Studieleier/medestudieleier: Prof JH van Wyk/dr A Leslie.
16. SWARTZ ER. *Population genetics and reproductive biology of Pseudobarbus phlegethon and Barbus erubescens (Cyprinidae) of the Olifants River System.* MSc Studieleier/medestudieleier: Dr AF Flemming/prof P le FN Mouton.
17. THERON D. *Seasonal reproductive cycle in the soupfin shark Galeorhinus galeus.* MSc Studieleier/medestudieleier: Prof JH van Wyk/mnr D Sadie.
18. VAN DIJK E. *Records of Palaeoenvironmentally and Taphonomically different South African fossil sites and their fossils with notes on study and recording techniques.* MSc Studieleier: Dr JA van den Heever.
19. VAN NIEKERK CH. *Past and present climates: Owl pellet composition as an indicator of global climatic change.* MScAgric Studieleier/medestudieleier: Prof JAJ Nel/dr DM Avery.
20. VISAGIE L. *Grouping behaviour in the armadillo lizard, Cordylus cataphractus.* MSc Studieleier/medestudieleier: Prof P le FN Mouton/dr AF Flemming.

VERBRUIKERSWETENSKAP: VOEDSEL, KLEDING, BEHUISING / CONSUMER SCIENCE: FOODs, CLOTHING, HOUSING

Tydskrifartikels/Journal articles

1. SENEKAL M, ALBERTSE EC, MOMBERG DJ, GROENEWALD CJ, VISSER EM. A multidimensional weight-management programme for women. *Journal of the American Dietetic Association* 1999; **99**(10): 1257-1264.
2. VILJOEN DL, MULLER M, DE SWARDT JB, SADIE A, VOSLOO MC. The development and testing of a computerised temperature control system in conventional electric ovens. *Tydskrif vir Gesinsekologie en Verbruikerswetenskappe* 1999; **27**(1): 55-70.

Referate internasional/Papers international

1. VILJOEN DL, MULLER M, DE SWARDT JB, SADIE A, VOSLOO MC. *Thermal efficiency during baking and applications for food research.* 14th International Congress of the South African Association for Food Science and Technology. Cape Town, South Africa, 1999.

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1. CONRADIE PJ, DE VILLIERS G, KNYE AE, KOTZÉ TJvW. *The effect of regular and microdetergents on the colourfastness and strength of dyed cotton fabrics.* Home Economics Regional Conference. Botswana, 1999.
2. CONRADIE PJ, KNYE AE, MEIJ S, KOTZÉ TJvW. *The effect of sodium hypochlorite bleach on white cotton fabrics during home laundering.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
3. CROFTON OJ, VAN WYK AS. *Collaboration in programme development.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
4. FULLARD AJE, VAN WYK AS. *A computer education programme designed for the use of companies in their employee housing assistance programmes.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
5. GERICKE A. *A comparison of a variety of domestic washing machines with regard to cleaning efficiency and mechanical damage to textiles.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
6. JOHNSON L, BOTHA MJ. *An investigation into the need for and teaching of handcraft skills to a selected group of women in Kayamandi, Stellenbosch.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
7. KRIGE M, SENEKAL M, BENADÉ AJS. *Broad focus areas for intervention, based on determinants of undernutrition in one to two year old children residing in semi-urban areas in the Stellenbosch district.* Vryde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
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9. O'NEILL RC, VILJOEN L. *Support for female entrepreneurs in the New South Africa: Improvement or decline.* Jaarlikse Konferensie – Suider-Afrika Instituut vir Bestuurswetenskaplikes. Stellenbosch, 1999.
10. SERFONTEIN M, VAN WYK AS, VOSLOO MC. *Recommendations for the inclusion of housing education and training concepts into the General Education and Training Band of the National Qualifications Framework.* Vryde

- Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
11. VILJOEN L. *Factors that influence household and individual clothing expenditure*. Vyfde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
 12. VISSER EM, DU PREEZ R, VAN AARDT AM. *Shopping orientation of clothing consumers: Two decades of research*. Vyfde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.
 13. VISSER EM, LARNEY M, VAN HUYSTEEN S. *Establishing body size designation for a leading South African retailer*. Vyfde Nasionale Kongres van die Suid-Afrikaanse Vereniging vir Gesinsekologie en Verbruikerswetenskappe. Potchefstroom, 1999.

Navorsingsverslae/Research reports

1. BOTHA MJ, VAN DER MERWE ME. *The development of a model for the acquisition of skills suitable for microenterprises*. Dept Verbruikerswetenskap: Voedsel, Kleding, Behuisig, US, 1999. 10 pp.
2. MULLER M. *Evaluating the preference of three commercial brands of full cream milk as part of a manufacturer's Research and Development Programme*. Dept Verbruikerswetenskap: Voedsel, Kleding, Behuisig, US, 1999. 8 pp.
3. MULLER M, CRESS L, VILJOEN DL. *Aanvaarbaarheid en kwaliteitseienskappe van twee spesies heuningbostee (Cyclopia subternata & Cyclopia intermedia)*. Dept Verbruikerswetenskap: Voedsel, Kleding, Behuisig, US, 1999. 8 pp.
4. MULLER M, VAN WYK M, LOMBARD AE. *Analytical sensory analysis of synthetically flavoured commercial jams subjected to accelerated storage*. Dept Verbruikerswetenskap: Voedsel, Kleding, Behuisig, US, 1999. 6 pp.
5. MULLER M, VOSLOO MC, LOMBARD AE. *Sensoriese kwaliteitseienskappe van drie kommersiële souse soos geëvalueer deur 'n opgeleide laboratoriumpaneel*. Dept Verbruikerswetenskap: Voedsel, Kleding, Behuisig, US, 1999. 18 pp.
6. VAN WYK AS, VAN WYK JJ, VENTER MD, GREEN MJ, CROFTON OJ, LOMBARD W, SERFONTEIN M, SCHUTTE DE W. *A national multi-disciplinary formal and non-formal housing education and training strategy for South Africa*. National Research Foundation, 1999. 112 pp.

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1. LOMBARD W. *The NGO-sector in South Africa: Their role in housing education and training*. MScVerbruikerswet cum laude, 1999. 261 pp. Studieleier: Prof AS van Wyk.
2. MOELICH EI. *Sensory and objective meat quality characteristics of pork from three halothane genotypes*. MScVerbruikerswet cum laude, 1999. 108 pp. Studieleier/ medestudieleiers: Dr LC Hoffman/mevv EA Botha, PJ Conradie.
3. SERFONTEIN M. *The inclusion of housing education and training concepts into the General Education and Training Band of the National Qualifications Framework*. MVerbruikerswet cum laude, 1999. 272 pp. Studieleier/medestudieleier: Prof AS van Wyk/ dr MC Vosloo.

Doktoraal lopend/Doctoral current

1. CROFTON OJ. *The development, implementation and evaluation of a needs-based housing training programme for transitional local authority housing officials in South Africa*. PhD Promotor/medepromotor: Prof AS van Wyk/prof E Bitzer.
2. DE VILLIERS A. *The development, implementation and evaluation of an intervention programme to prevent growth failure in new-born children in an urban squatter area through the improvement of the caring capacity of their mothers*. PhD Promotor: Dr M Senekal.
3. KEYTER MC. *Guidelines for the development of a broad curriculum for nutrition education in the formal education system of Namibia*. PhD Promotor: Prof EM Visser.
4. MBATI-MWAKA M. *The determination of the extent of iron deficiency anaemia in pregnant women in KwaZulu-Natal, and the development of a comprehensive intervention model to improve the effectiveness of iron supplementation programmes for pregnant women*. PhD Promotor: Dr M Senekal.
5. MHANGO MW. *Development of a curriculum framework for localising the fashion and fabrics subject in senior secondary schools in Botswana*. PhD Promotor: Prof EM Visser.
6. MULLER M. *Cross-cultural sensory study of South African food products using internal and external preference mapping*. PhD Promotor: Prof H Heymann.
7. VAN WYK JJ. *Development of a model for educating human settlement development managers for developing countries*. PhD Promotor: Prof AS van Wyk.
8. VENTER MD. *Development, implementation and evaluation of a housing education programme for semi-literate people that receive government subsidised housing*. PhD Promotor: Prof AS van Wyk.

Magister lopend/Master's current

1. CRESS L. *Development of a programme to increase the awareness of women in Duncan Village, East-London, of the potential role of food micro-enterprises in the improvement of household food security, and the prerequisites, available training programmes and necessary resources for the successful establishment and operation of a food micro-enterprise*. MScVerbruikerswet Studieleier/medestudieleier: Dr M Senekal/dr MC Vosloo.
2. DLAMINI B. *Development of a housing education programme for use in colleges of teacher education*. MVerbruikerswet Studieleier: Prof AS van Wyk.
3. FRICK BL. *Verkennende studie van die menings van vroulike werkneemers van geselekteerde Suid-Afrikanse maatskappye jeens korporatiewe drag*. MVerbruikerswet Studieleiers: Mee ME van der Merwe, L Viljoen.

4. FULLARD AJE. *An educational computer programme designed for the use of companies in their employee housing assistance programmes*. MVerbruikerswet Studieleier: Prof AS van Wyk.
5. GERICKE A. *The effect of laundering in a number of automatic washing machines on mechanical damage to textiles*. MScVerbruikerswet Studieleier: Prof EM Visser.
6. HANSEN A. *Patronage behaviour of clothing consumers*. MScVerbruikerswet Studieleier: Prof EM Visser.
7. KLEINHANS EH. *An investigation into black female clothing consumers' perceptions of store image attributes*. MScVerbruikerswet Studieleier: Prof EM Visser.
8. MLOTSHWA K. *Patronage behaviour of female clothing consumers in a multi-cultural society*. MScVerbruikerswet Studieleier: Prof EM Visser.
9. NGASWHENG MJ. *Housing needs and problems of Northern Province rural communities and their influence on quality of life*. MVerbruikerswet Studieleier: Prof AS van Wyk.
10. VAN DER MERWE M. *Aksienavorsing in die aanbieding van 'n behuisingsopleidingsprogram vir die bemagtiging van individue*. MVerbruikerswet Studieleier/medestudieleiers: Me R Albertyn/me ME van der Merwe en prof AS van Wyk.

WISKUNDE / MATHEMATICS

Tydskrifartikels/Journal articles

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2. GREEN B, MATIGNON M. Order p automorphisms of the open disc of a p -adic field. *Journal of the American Mathematical Society* 1999; **12**(1): 269-303.
3. MAXSON CJ, VAN DER MERWE AB. Full Ideals of Polynomial Functions on \mathbb{Z}_p^n . *Algebra Colloquium* 1999; **6**(1): 97-104.
4. MAXSON CJ, VAN DER MERWE AB. On full ideals in $P(\mathbb{Z}_p^n)$ ($n > p$). *Algebra Colloquium* 1999; **6**(2): 155-168.
5. MULLER MA. Newel-pseudotopologiese vektorruimtes. *SA Tydskrif vir Natuurwetenskap en Tegnologie* 1999; **18**(3): 89-93.
6. ROHWER CH. Projections and Separators. *Quaestiones Mathematicae* 1999; **22**(2): 219-230.
7. VAN DER MERWE AB. Unique addition modules. *Communications in Algebra* 1999; **27**(9): 4103-4115.
8. VAN DER MERWE AB, VAN WYK L. The minimum number of idempotent generators of a complete blocked triangular matrix algebra. *Journal of Algebra* 1999; **222**: 190-203.
9. VAN WYK L. A link between a natural centralizer and the smallest essential ideal in structural matrix rings. *Communications in Algebra* 1999; **27**(8): 3675-3683.

Verrigte internasionaal/Proceedings international

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Referate internasionaal/Papers international

1. DE VILLIERS JM. *On the existence and construction of refinable functions with prescribed values at integers*. Sixth SIAM Conference on Geometric Design. Albuquerque, New Mexico, 1999.
2. GREEN B. *Automorphisms of formal power series over a valuation ring*. International Conference on Valuation Theory. Saskatoon, Canada, 1999.
3. GREEN B. *On p -adic dynamical systems and good reduction II*. Arithmetic Geometry Workshop. Essen, Germany, 1999.
4. JOYNER S. *On p -adic dynamical systems and good reduction I*. Arithmetic Geometry Workshop, Essen, Germany, 1999.
5. MARITZ P. *Extensions of lattice set-functions to regular Borel measures*. International Conference on Topology and its Applications. Yokohama, Japan, 1999.
6. ROHWER CH. *A FAST Trend Transform-FTT*. Dundee Conference on Numerical Analysis. Dundee, Scotland, 1999.
7. SMITH KC, VAN WYK L. *Relations between substructures of certain centralizer near-rings and their associated matrix rings*. International Conference on Near-rings and Near-fields. Edinburgh, Scotland, 1999.

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1. BRINK HE. *Integration of multifunctions with respect to a multimeasure*. PhD, 1999. 130 pp. Promotor: Prof P Maritz.

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2. BESSARABOV DG. Membranes help to produce high-concentration ozone: New challenges. *Membrane Technology* 1999; **114**: 5-8.
3. BESSARABOV DG, THERON JP, SANDERSON RD, SCHWARZ H-H, SCHLOSSIG-TIEDEMANN M, PAUL D. Separation of 1-hexene/n-hexane mixtures using a hybrid membrane/extraction system. *Separation and Purification Technology* 1999; **16**: 167-174.
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6. EDWARDS W, BOWES R, LEUKES WD, JACOBS EP, SANDERSON RD, ROSE PD, BURTON SG. A capillary membrane bioreactor using immobilised polyphenol oxidase for the removal of phenols from industrial effluents. *Enzyme and Microbial Technology* 1999; **24**: 209-217.
7. KEULER JN, LORENZEN L, SANDERSON RD, PROZESKY V, PRZYBYLOWICZ WJ. Characterisation of electroless plated palladium-silver alloy membranes. *Thin Solid Films* 1999; **347**: 91-98.
8. KEULER JN, LORENZEN L, SANDERSON RD, PROZESKY V, PRZYBYLOWICZ WJ. Characterising palladium-silver and palladium-nickel alloy membranes using SEM, XRD and PIXE. *NIM B Beam Interactions with Materials & Atoms* 1999; **158**: 678-682.
9. MAARTENS A, SWART P, JACOBS EP. Feed water pretreatment: methods to reduce membrane fouling by natural organic matter. *Journal of Membrane Science* 1999; **163**: 51-62.
10. MAARTENS A, SWART P, JACOBS EP. Removal of natural organic matter by ultrafiltration: Characterisation, fouling and cleaning. *Water Science and Technology* 1999; **40**(9): 113-120.
11. OPPERMANN WJ, FOURIE JF, SANDERSON RD, BRITZ TJ. A monolithic device for in-package SO₂ generation for the control of post-harvest *Botrytis* decay of table grapes. *Journal of Food Quality* 1999; **22**: 427-438.
12. SANDERSON RD, COSTA G, SUMMERS GJ, SUMMERS CA. The synthesis of a hydrocarbon-soluble organolithium anionic initiator. A gas liquid chromatography study of the efficiency of the reaction of s-butyllithium with p-divinylbenzene. *Polymer* 1999; **40**: 5429-5437.
13. VAN REENEN AJ, BARKHUIZEN L, BREDENKAMP MW. The Pd-catalysed co- and terpolymerisation of carbon monoxide and 1-alkenes. *South African Journal of Chemistry* 1999; **52**(2/3): 95-101.
14. WAHNER UM, BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON RD. Oligomerisation of 1-pentene with metallocene catalysts. *Angewandte Makromolekulare Chemie* 1999; **270**: 49-55.

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2. BESSARABOV DG. *Membrane contactor for gas separation: Development and perspectives*. Proceedings of the International Congress on Membranes and Membrane Processes, ICOM 99. Toronto, Canada, 1999: 139.
3. BESSARABOV DG, SANDERSON RD, VOROBYEV AV, POPKOV YM, VALUEV VV, TIMASHEV SF, SATA T. *Electrochemically promoted transport of gases in polymeric ion-exchange membranes*. Proceedings of the International Congress on Membranes and Membrane Processes, ICOM 99. Toronto, Canada, 1999: 85.
4. BRÜLL R. *New catalyst systems for oligomerisation and polymerisation*. Proceedings of the 2nd Annual UNESCO Training School and Poster Symposium: New Advances in the Catalysis and Analysis of Macromolecules and Materials. Johannesburg, South Africa, 1999: CD Rom.
5. BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON RD, WAHNER UM. *Oligomerisation and polymerisation of ethylene by methylaluminoxane*. Proceedings of the 39th Microsymposium on Advances in Polymerisation Methods: Controlled Synthesis of Functionalised Polymers. Prague, Czecho-Slovakia, 1999: P53.
6. CALITZ FM, SANDERSON RD. *The use of styrene maleic anhydride copolymers as polymeric surfactant in emulsion systems*. Proceedings of the 2nd Annual UNESCO Training School and Poster Symposium: New Advances in the Catalysis and Analysis of Macromolecules and Materials. Johannesburg, South Africa, 1999: CD Rom.
7. COETZEE L, VAN REENEN AJ, MATHIAS LJ. *Evaluation of adamantane incorporation on hydrocarbon polymers*. Proceedings of the 2nd Annual UNESCO Training School and Poster Symposium: New Advances in the Catalysis and Analysis of Macromolecules and Materials. Johannesburg, South Africa, 1999: CD Rom.
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9. DIEDERICKS EE. *Sol-gel synthesis of ion exchange membranes as electrolyte for fuel cells*. Proceedings of the 2nd Annual UNESCO Training School and Poster Symposium: New Advances in the Catalysis and Analysis of Macromolecules and Materials. Johannesburg, South Africa, 1999: CD Rom.
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2. COETZEE L. *Adamantaanverwante polimere en kopolimere*. PhD Promotor: Dr AJ van Reenen.
3. DE LA PORTE AJ. *Synthetic modification of hydroxy-terminated polybutadiene to improve adhesion properties*. PhD Promotor/medepromotor: Prof RD Sanderson/dr B Klumperman.
4. DIEDERICKS EE. *The design of a new hybrid zeolite catalytic membrane reactor*. PhD Promotor/medepromotor: Prof JC Jansen/prof RD Sanderson.
5. FAUL CFJ. *Template polymerisation*. PhD Promotor: Prof RD Sanderson.
6. GANEVA DE. *Nanochemistry through self-assembly*. PhD Promotor/medepromotor: Prof RD Sanderson/prof JLM Dillen.
7. GOLDIE I. *Development of economically viable solar stills*. PhD Promotor/medepromotor: Prof WJ Engelbrecht/prof RD Sanderson.
8. GRANT M. *Preparation of emulsifiers for Fischer-Tropsch waxes*. PhD Promotor: Dr AJ van Reenen.
9. GRIMM JH. *Removal of electrochemical impurities from drinking water by means of catalytic surfaces and solid polymer electrodes*. PhD Promotor/medepromotor: Prof RD Sanderson/dr U Simon.
10. IMMELMAN E. *The synthesis, characterisation and membrane properties of chemically modified poly(vinyl alcohol)*. PhD Promotor/medepromotor: Dr EP Jacobs/dr MW Bredenkamp, prof RD Sanderson.
11. JOUBERT DJ. *Copolymers of ethylene and propylene utilizing Fischer-Tropsch olefins*. PhD Promotor: Dr AJ van Reenen.

12. KEULER JN. *The dehydrogenation of ethanol and 2-butanol in a catalytic membrane reactor*. PhD Promotor/medepromotor: Prof L Lorenzen/prof RD Sanderson.
13. MAKAWA-MBEWE J. *Computer-aided polymer course in science, at honours level, for universities and technikons*. PhD Promotor: Prof RD Sanderson.
14. MEINCKEN M. *AFM investigations on polymer surfaces and emulsions*. PhD Promotor/ medepromotor: Prof RD Sanderson/prof L Balk.
15. MEQUANINT K. *Surface active dispersions and high solids single packs for coil coating*. PhD Promotor: Prof RD Sanderson.
16. MICHAELS WC. *Microheterogeneous polymeric barriers for electrocatalysis*. PhD Promotor/medepromotor: Dr DG Bessarabov/prof RD Sanderson.
17. MORKEL CE. *Modelling of polypropylene blends*. PhD Promotor/medepromotor: Dr AJ van Reenen/prof RD Sanderson.
18. NAIDOO VB. *Nano macromolecular chemistry structures*. PhD Promotor/medepromotor: Prof RD Sanderson/dr M Rautenbach.
19. OPPERMANN WJ. *Polymeric devices for the preservation of export grapes*. PhD Promotor/medepromotor: Prof RD Sanderson/prof TJ Britz.
20. POTGIETER AH. *Poly(propylene- α -olefin) copolymers and a study of their properties*. PhD Promotor: Prof RD Sanderson.
21. POTGIETER HF. *Fischer-Tropsch ionomeric waxes*. PhD Promotor: Prof RD Sanderson.
22. SHANYENGANA E. *Desalination by membrane and solar distillation techniques*. PhD Promotor/medepromotor: Prof RD Sanderson/dr EP Jacobs.
23. SIPHUMA L. *Novel α -olefin polymer systems*. PhD Promotor: Dr AJ van Reenen.
24. SMITH SPJ. *Preparation of composite ceramic-zeolite catalytic and separation membranes*. PhD Promotor/medepromotor: Prof RD Sanderson/prof JC Jansen.
25. VAN ZYL PW. *Semi-permeable fluorinated polymer membranes for water treatment studies*. PhD Promotor/medepromoters: Prof RD Sanderson/drs EP Jacobs, PAB Carstens.

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1. BOTES JP. *Membrane filtration in rural water care*. MIng Studieleier/medestudieleier: Dr SM Bradshaw/dr EP Jacobs.
2. CALITZ FM. *Statistically designed experiments for the optimisation of a soapless core shell emulsion for low profile stone finishes*. MSc Studieleier: Prof RD Sanderson.
3. DE KOCK JJ. *Computer-aided polymer science education*. MEd Studieleier: Prof RD Sanderson.
4. DE VRIES AR. *The synthesis of linear-b-dendritic copolymers and dendritic-b-linear-b-dendritic copolymers with the aid of atom-transfer polymerisation*. MSc Studieleier/ medestudieleier: Prof B Klumperman/prof RD Sanderson.
5. DOMINGO G. *Implementation of membrane cleaning and pre-treatment techniques for membranes fouled during the filtration of pulp and paper effluent at the Piet Retief Kraft paper mill*. MSc Studieleier/medestudieleier: Prof P Swart/dr EP Jacobs.
6. HANEKOM TJ. *Welding, inversion and reptation of mixed gas fluorinated polyolefin surfaces*. MSc Studieleier/medestudieleier: Prof RD Sanderson/dr PAB Carstens.
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15. WEBBER GV. *The characterisation of waxes by analytical techniques*. MSc Studieleier/medestudieleier: Prof RD Sanderson/mnr N Dowler.

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1. VAN BILJON AJ. *A renormalization group approach to disordered systems from supersymmetry*. PhD Promotor: Prof FG Scholtz.

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2. \sqrt{s} OCTOBER FJ. *Higher-order Bose Einstein correlations in antiproton-proton collisions at = 630 GeV*. MSc Studieleier: Dr HC Eggers.
3. SCHUMANN RH. *Studies in quantum computing*. MSc Studieleiers: Proff HB Geyer, FG Scholtz.

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1. DE VILLIERS PJA, GELDENHUYSEN J. *Theoretical and practical aspects of SPIN model checking*. The 5th International SPIN Workshop on Theoretical Aspects of Model Checking. Trento, Italy, 1999.

INSTITUUT VIR WISKUNDE- EN WETENSKAPONDERWYS / INSTITUTE FOR MATHEMATICS AND SCIENCE TEACHING

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1. PRINS ED. *Linguistics and cultural factors in readability of mathematics texts*. Second Sub-regional Conference on Public Understanding of Science and Technology. Gabarone, Botswana, 1999.

FAKULTEIT OPVOEDKUNDE

FACULTY OF EDUCATION

DIDAKTIEK

(WAARBY INGESLUIT DIE INLIGTINGSENTRUM VIR KINDERLEKTUUR EN -MEDIA (ISKEMUS) EN DIE SENTRUM VIR HOËR EN VOLWASSE ONDERWYS) /

DIDACTICS

(INCLUDING THE INFORMATION CENTRE FOR CHILDREN'S LITERATURE AND MEDIA AND THE CENTRE FOR HIGHER AND ADULT EDUCATION)

Tydskrifartikels/Journal articles

1. BITZER EM. Pitfalls and Bridges: Co-operative and collaborative learning in higher education. *SA Journal of Higher Education* 1999; **13**(1): 11-17.
2. CARL AE, HATTINGH CR. Die beskrywing van 'n funksioneel-konseptuele model vir effektiewe kurrikulum-disseminasie en -implementering. *SA Tydskrif vir Opvoedkunde* 1999; **19**(3): 155-164.
3. COMBRINK L. Afrikaans en Geskiedenis hand aan hand. *Tydskrif vir Taalonderrig* 1999; **33**(3): 183-196.
4. KAPP CA, ERASMUS AS. Capacity building through mentoring: A case study in postgraduate supervision. *SA Journal of Higher Education* 1998; **12**(3): 111-119.
5. LE GRANGE LLL. Addressing environmental concerns through science teaching in a changing educational milieu. *Journal of Education* 1999; **24**: 31-43.
6. LE GRANGE LLL. Ecological sustainability: a metaphor for curriculum and research in the new millennium. *South African Journal of Education* 1999; **19**(4): 304-310.
7. RIDGE E. Multiple intelligences and outcomes-based education. *Per Linguam* 1998; **14**(2): 32-43.
8. RIDGE E. Reflecting on a programme in action. *25th Anniversary Edition of the Indian Journal of Applied Linguistics* 1999; **25**: 105-129.
9. SCHREUDER DR, LE GRANGE LLL, REDDY CPS. Science and sustainability: Exploring new perspectives in environmental education. *South African Journal of Education* 1999; **19**(2): 127-130.
10. SMUTS R. Teleskoop en bril: Van William Herschel tot Hennie Aucamp. *Tydskrif vir Letterkunde* 1998; **36**(3): 118-127.
11. WAGHID Y. Instructional systems design "tools" and engineering materials development. *South African Journal of Education* 1999; **19**(2): 115-121.
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2. LINCHEVSKI L, SASMAN MC, OLIVIER A. *The influence of different representations on children's generalisation thinking processes*. Twenty-third International Conference on the Psychology of Mathematics Education. Haifa, Israel, 1999; **4**: 161-168.
3. NEWSTEAD K, OLIVIER A. *Addressing student's conceptions of fractions*. Twenty-third International Conference on the Psychology of Mathematics Education. Haifa, Israel, 1999; **3**: 329-337.

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1. BENNIE K, LINCHEVSKI L, OLIVIER A. *Everyone can learn mathematics: Addressing the fundamental assumptions and goals of Curriculum 2005*. Proceedings of the Fifth Annual Congress of the Association for Mathematics Education of South Africa. Port Elizabeth, 1999; **1**: 1-9.
2. BENNIE K, LINCHEVSKI L, OLIVIER A. *Rethinking the notion of equity to address the fundamental assumptions and goals of curriculum 2005*. Proceedings of the National Subject Didactics Symposium. Stellenbosch, 1999: 1-9.
3. LE GRANGE LLL. *Beyond languages of critique to languages of probability in South African OBE discourse*. Proceedings of the National Didactics/Learning Area Symposium. Stellenbosch, 1999: 74-80.
4. LE GRANGE LLL. *Does Curriculum 2005 provide space for addressing environmental concerns through science teaching?* Proceedings of the National Didactics/Learning Area Symposium. Stellenbosch, 1999: 81-87.
5. LE ROUX A. *Now I know that I want to be a teacher – reflection in action*. Proceedings of the National Didactics/Learning Area Symposium. Stellenbosch, 1999: 88-95.
6. LIEBENBERG R, SASMAN M, OLIVIER A. *From numerical equivalence to algebraic equivalence*. Proceedings of the Fifth Annual Congress of the Association for Mathematics Education of South Africa. Port Elizabeth, 1999; **2**: 173-183.

7. LINCHEVSKI L, KUTSCHER B, OLIVIER A. *Assessment in support of equity*. Proceedings of the Fifth Annual Congress of the Association for Mathematics Education of South Africa. Port Elizabeth, 1999; 1: 155-167.
8. LINCHEVSKI L, OLIVIER A, SASMAN M. *Developing and stimulating generalisation thinking processes and skills*. Proceedings of the Fifth Annual Congress of the Association for Mathematics Education of South Africa. Port Elizabeth, 1999; 1: 177-182.
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12. RIDGE E. *It's just the language. Reflecting on a programme*. Proceedings of the National Didactics/Learning Area Symposium. Stellenbosch, 1999: 97-104.
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5. SCHREUDER DR. *Perspectives on globalization in education*. Seminar on Health and Environmental Education. Gilleleje, Denmark, 1999.

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2. BITZER EM. *National standards for higher education practitioner programmes in South Africa: Exploring ideas and avenues*. Workshop. Annual Conference of the SA Association for Research and Development in Higher Education. Cape Town, 1999.
3. BITZER EM, ENGELBRECHT L, KAPP CA. *The potential of co-operative education in strengthening the principles and objectives of the NQF in higher education*. Annual Conference of the SA Association for Research and Development in Higher Education. Cape Town, 1999.
4. BITZER EM, HUDSON H. *Gehaltebevordering deur personelevaluering en -ontwikkeling in verdere en hoër onderwys*. Werkseminaar. Jaarlike Konferensie van die Opvoedkundevereniging van Suid-Afrika. Wellington, 1999.
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7. COMBRINK LE. *Afrikaans en Geskiedenis: Hand aan hand*. SAVTO-konferensie. Pretoria, 1999.
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10. LE GRANGE LLL. *Is qualitative research a useful term for describing the cross-fertilisation of ideas which characterises contemporary educational research?* Qualitative Research Conference. Rand Afrikaans University, Johannesburg, 1999.
11. LE GRANGE LLL. *Issues of pedagogy and power in environmental learning*. Annual Conference of the Environmental Education Association of Southern Africa. Grahamstown, 1999.
12. LE GRANGE LLL. *Science and sustainability: Integrating science and environmental education processes*. Annual Conference of the Environmental Education Association of Southern Africa. Grahamstown, 1999.
13. REDDY CPS. *Issue-based curriculum development as a professional development process in environmental education: A case study of primary school teachers in the Grassy Park area*. Conference of the Environmental Education Association of Southern Africa. Grahamstown, 1999.
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18. SCHREUDER DR. *Education Transformation: Towards a more sustainable South African community*. Proceedings of a Western Cape Education Department Symposium: Making OBE Work. Kromme Rhee, 1999.
19. SCHREUDER DR. *The story of We Care*. EEASA Annual Conference. Grahamstown, 1999.
20. SMUTS R. *Die behandeling van 'n gedig*. Wes-Kaapse Onderwyssimposium. Bellville, 1999.

- SMUTS R. *Lees die tekens: Leestekens*. Tweejaarlikse Simposium oor Taal en Kommunikasie. Stellenbosch, 1999.

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- DE LANGE RW. *Culturally modified pictures in printed media as an adjuvant to education in developing countries*. PhD, 1999. 439 pp. Promotor/medepromotor: Prof CA Kapp/dr J Hugo.
- TROSKIE-DE BRUIN C. *Akademiese ontwikkeling: Potensiaalbepaling dmv deurlopende onderrig en evaluering*. PhD, 1999. 379 pp. Promotor: Dr HL Botha.

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- BUSAKWE T. *A needs assessment for staff development in colleges of education with special reference to some colleges in the central and northern regions of the Eastern Cape Province*. MPhil, 1999. 170 pp. Studieleier: Prof CA Kapp.
- DE VILLIERS L. *'n Ondersoek na die toepaslikheid van vier kunsonderwysbenaderings*. MEd, 1999. 147 pp. Studieleier: Dr FJ Potgieter.
- DE VILLIERS W. *Wanbegrippe in aardrykskunde-onderrig op sekondêre skoolvlak*. MEd, 1999. 106 pp. Studieleier: Dr MJ Smit.
- FERGUSON R. *Strategies for teaching religion in colleges of education*. MEd cum laude, 1999. 231 pp. Studieleier: Dr CD Roux.
- FOURIE SCJ. *Die ondersoekproses op skoolvlak: 'n Model vir die ontwikkeling van inligtingsvaardighede*. MEd cum laude, 1999. 170 pp. Studieleier: Dr MS van der Walt.
- JANSEN TWJ. *Die rol van omgewingsopvoeding in die aansprek van omgewingsprobleme in 'n agtergestelde gemeenskap: 'n Aksienavorsingsbenadering tot probleem-oplossing in 'n primêre skool*. MEd, 1999. 110 pp. Studieleier: Prof DR Schreuder.
- MATIWANE S. *Continuous evaluation in history teaching*. MEd, 1999. 136 pp. Studieleier: Prof AE Carl.
- MATSHEKE V. *Determining the training needs of teacher educators in some colleges of education in the Eastern Cape Province for outcomes-based education*. MPhil, 1999. 184 pp. Studieleier: Prof CA Kapp.
- NDEBELE M. *Towards a micro-teaching model for Bethel College: a comparative study of the essential aspects of micro-teaching programmes at selected institutions in the Eastern Cape Province*. MPhil, 1999. 168 pp. Studieleier: Prof CA Kapp.
- NEETHLING AD. *Verryking in aardrykskunde op sekondêre skoolvlak*. MEd, 1999. 203 pp. Studieleier: Dr MJ Smit.
- NORVAL G. *An evaluation of the current national academic bridging programme (NC)OR at the Durban Technical College*. MPhil, 1999. 182 pp. Studieleier: Prof CA Kapp.
- QAGA B. *Language strategies for teachers of science*. MEd, 1999. 181 pp. Studieleier: Dr C Puhl.
- SIMAMANE MM. *Possibilities of transforming a college of education into a community college*. MPhil, 1999. 134 pp. Studieleier: Prof CA Kapp.
- SMITH CR. *Towards a conceptual framework for making curricular decisions for secondary school geometry*. MEd, 1999. 196 pp. Studieleier: Prof PG Human.
- SMITH E. *A comparative study of the approaches to teaching and learning of economic theory to contact and distance university students*. MPhil, 1999. 182 pp. Studieleier: Prof CA Kapp.
- SNYDERS A. *Riglyne vir die hantering van 'n monoreligieuse kurrikulum in 'n multireligieuse skoolopset*. MEd, 1999. 76 pp. Studieleier: Dr CD Roux.
- STEINMETZ M. *The integration of thinking skills with the communicative teaching of English as a second language at senior secondary level*. MEd, 1999. 180 pp. Studieleier: Mnr JM Blanckenberg.
- SWART DE. *Die rol van wiskundefunksies in die onderrig van Natuur- en Skeikunde*. MEd, 1999. 455 pp. Studieleier: Dr AS Jordaan.
- VAN DER WESTHUIZEN A. *An academic leadership model for transformation towards learning organizations in higher education*. MPhil, 1999. 195 pp. Studieleier: Prof CA Kapp.

Doktoraal lopend/Doctoral current

1. ALBERTYN R. *Determining the empowerment of lower level workers*. PhD Promotor: Prof CA Kapp.
2. BOTMAN BV. *Values and outcomes-based education: Educators as reflective practitioners in the learning area Language, Literacy and Communications*. PhD Promotor: Dr CD Roux.
3. DODGEN HJ. *Xhosa-speaking pupil's understanding of heat and temperature*. DEd Promotor: Dr AS Jordaan.
4. GREEN WJ. *The use of the TRAC PAC as a micro-computer based laboratory (MBL) tool in improving teachers' and learners' understanding of graphs of motion*. PhD Promotor: Dr AS Jordaan.
5. HANSEN JK. *The English curriculum in multi-cultural education in South Africa*. DEd Promotor: Dr JJ Swartz.
6. HERMANSON C. *A thinking skills programme for change agents at middle management level: A study in continuing professional education*. PhD Promotor: Prof CA Kapp.
7. JOHANNES D. *Kritiese elemente in die opleiding van onderwysers ten opsigte van opvoeding van vrede*. DEd Promotor: Prof AE Carl.
8. KIM YM. *Didactic strategies for the use of lyrics in Religious education*. PhD Promotor: Dr CD Roux.
9. LE GRANGE LLL. *Exploring new approaches to science education for the senior phase of Curriculum 2005. The case of the science and sustainability project*. PhD Promotor: Prof DR Schreuder.
10. LE ROUX A. *Die invloed van voorkeur op die benutting van probleemgesentreerde leergeleenthede in rekenkunde*. DEd Promotor: Prof PG Human.
11. MERTS C. *A generic transformational model for outcomes-based instructional design for MTR1 training in the Department of Defence*. DEd Promotor: Prof C Kapp.
12. MURRAY JC. *Die voorkoms van spontane reken-strategieë by junior primêre leerlinge*. DEd Promotor: Prof PG Human.
13. NAKASA S. *Student academic underpreparedness at South African technikons*. PhD Promotor: Dr E Ridge.
14. NATHASON RR. *The interaction between whole school development and ESL teaching practices in the classroom at primary school level*. PhD Promotor: Dr E Ridge.
15. NDUNA J. *Exploring possibilities in adult basic education, focusing on sustainable communities in a black urban community*. PhD Promotor: Prof DR Schreuder.
16. O'CONNELL BP. *The impact of the policies of the Coloured Representative Council and the House of Representatives on the development of secondary schools as learning organisations*. PhD Promotor: Prof T Park.
17. PAULSEN ME. *Co-operative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.
18. PUNT H. *Die kreditering van leerlinge in die Tegniese Hoërskool met spesiale verwysing na modulêre onderrig en akkreditering*. DEd Promotor: Prof CA Kapp.
19. REDDY CPS. *School-based curriculum development: Responding to challenges of education reconstruction and threats to sustainability*. PhD Promotor: Prof DR Schreuder.
20. RHODES BD. *Values and religion in outcomes-based education: Explaining possibilities in a diverse school environment*. PhD Promotor: Dr CD Roux.
21. ROGERS L. *Die ontwikkeling van onderwysers ten opsigte van uitkomsgebaseerde benadering: 'n Kwalitatiewe evaluering*. PhD Promotor: Prof AE Carl.
22. SCHOLTZ JF. *A proposed model for post-graduate training for a new health care dispensation*. PhD Promotor: Prof CA Kapp.
23. SEMMELINK M. *The role of local communities in the development of science curricula*. DEd Promotor: Prof DR Schreuder.
24. UNGERER E. *Deurlopende assessering in Uitkomgebaseerde onderwys in die algemene onderwys en opleidingsfase*. PhD Promotor: Prof AE Carl.
25. VAN BELKUM C. *The development of an outcomes-based curriculum in nursing*. DPhil Promotor: Prof CA Kapp.
26. VAN DER WESTHUIZEN A. *The transformation of higher education institutions into learning organizations in South Africa*. PhD Promotor: Prof CA Kapp.
27. VAN HEERDEN JE. *Junior sekondêre leerlinge sevlak van bewustheid van bewerkings-eienskappe*. DEd Promotor: Prof PG Human.
28. YOUNG MH. *Curriculum development in horticulture with in the SA Qualifications Authority Framework*. PhD Promotor: Prof AE Carl.

Magister lopend/Master's current

1. ADAM I. *Tegnologie-onderwys in die huidige Suid-Afrikaanse konteks*. MEd Studieleiers: Prof AE Carl, dr AS Jordaan.
2. AFRICA S. *Die rol wat Aardrykskunde-onderrig kan speel in die hervestiging van 'n leerkultuur in sekondêre skole van die voormalige Raad van Verteenwoordigers*. MEd Studieleier: Dr MJ Smit.
3. BOOYSEN N. *An assessment of the implementation of the new curriculum for Adult Basic Education and Training in the Western Cape Province*. MPhil Studieleier: Prof CA Kapp.
4. CRONJE S. *The introduction of an individualised performance appraisal system for academic staff at the Peninsula Technikon*. MPhil Studieleier: Prof CA Kapp.
5. ENGELBRECHT JJ. *Transformative and emancipatory challenges for facilitators of adult learning: A learning journey*. MPhil Studieleier: Prof CA Kapp.
6. ESSACK S. *An investigation into the need for staff development in the Faculty of Arts at the University of Durban-Westville*. MPhil Studieleier: Prof CA Kapp.
7. GOVENDER D. *The creation of a conductive adult learning environment for a distance learning institution*. MPhil Studieleier: Prof CA Kapp.
8. GREENHALGH L. *Utilising multiple intelligences within outcomes-based education: A case study*. MEd Studieleier: Dr E Ridge.
9. GRUNDLING J. *The role of tutor development in a flexible learning system*. MPhil Studieleier: Prof CA Kapp.
10. GUVEBU T. *The transformation of night schools to ABET centres with special emphasis on the Ithuteng Project*. MPhil Studieleier: Prof CA Kapp.
11. HOLLIS-TURNER S. *Capacity building for the implementation of outcomes-based education in the further education and training sector*. MPhil Studieleier: Prof CA Kapp.
12. ISAACS J. *The development of a student feedback system for Colleges of Vocational Education in the Western Cape*. MEd Studieleier: Prof CA Kapp.
13. KHUMALO KH. *The effect of co-operative learning on student performance in English as a second language with specific reference to the Madadeni College of Education*. MEd Studieleier: Prof CA Kapp.

14. KUBHEKA R. *The staff development needs for teacher education with regard to the implementation of the National Qualifications Framework*. MPhil Studieleier: Prof CA Kapp.
15. LAING MMJ. *Implikasies van 'n alternatiewe wiskundekurrikulum in die junior primêre skoolfase vir remedieringsbehoeftes en -praktyk*. MEd Studieleier: Prof PG Human.
16. LAMPEN CE. *Die ontwikkeling van junior primêre leerlinge se geometrisering van drie-dimensionele voorwerpe*. MEd Studieleiers: Mnr Al Olivier, mev JC Murray.
17. LAWS R. *Die bydrae van Aardrykskunde-onderrig tot die bevordering van multikulturalisme*. MEd Studieleier: Dr MJ Smit.
18. MAASDORP KF. *Die rol van die Skoolvoortligting-onderwyser in die onderwyshantering van sosiale omgewingsprobleme*. MEd Studieleier: Prof DR Schreuder.
19. MACHINKA MP. *The utilisation of critical thinking towards the enhancement of teaching and learning, with special reference to the teaching of Sepedi literature*. MEd Studieleier: Prof CA Kapp.
20. MARAIS JF. *Die seinsisteem as waarnemingsformaat in die opleiding van onderwysers*. MEd Studieleier: Prof T Park.
21. MBAMBO-NGIDI B. *A survey of knowledge and skills of Umlazi domestic workers in home management*. MPhil Studieleier: Prof CA Kapp.
22. MELLVILLE H. *The influence of personal experience and history on the work of selected environmental education practitioners in the Western Cape*. MEd Studieleier: Prof DR Schreuder.
23. MMINELE M. *An assessment of the training of ABET Educators-in-Training in the Northern Province*. MPhil Studieleier: Prof CA Kapp.
24. MOKOTSO B. *Improving the teaching of ecology using the School's Water Action Programme as an environmental education tool. The case of Kayamandi High School*. MEd Studieleier: Mnr LLL le Grange.
25. NCUBE TP. *The role of Industries in providing basic Life Skills education to unskilled Black employees in Empangeni-Richards Bay industrial areas*. MPhil Studieleier: Prof CA Kapp.
26. NEETHLING SAC. *Die ontwerp van 'n model vir ouerbetrokkenheid by die skoolkurrikulum in 'n sosio-ekonomiese gedeputeerde gemeenskap*. MEd Studieleier: Prof AE Carl.
27. PHILANDER L. *'n Ondersoek na die effek van 'n skole water-auditprogram in die Noord-Kaapse platteland*. MEd Studieleier: Mnr CPS Reddy.
28. SCHOLTZ M. *A needs assessment survey for a continuing education programme amongst diagnostic radiographers from the Free State Province*. MPhil Studieleier: Prof CA Kapp.
29. SHIRINGANI AM. *A co-operative approach of community organisations in restructuring Lencina College of Education into a Community College*. MPhil Studieleier: Prof CA Kapp.
30. SIAS WDN. *'n Ondersoek na die relevansie van Geskiedenis op skoolvlak: 'n Gevallestudie*. MEd Studieleier: Prof AE Carl.
31. SOMI N. *An investigation into elements of the teacher education curriculum in the central region of the Eastern Cape*. MPhil Studieleier: Prof CA Kapp.
32. SWARTS P. *Die stigting en dinamiek van 'n ekoklub in 'n agtergeblewe gemeenskap*. MEd Studieleier: Mnr LLL le Grange.
33. TEMBANI M. *The teaching-learning techniques used by geography teachers in geographical education*. MEd Studieleier: Dr MJ Smit.
34. VAN DYK JJ. *Die oorgang van rekenkunde na algebra in 'n probleemgesentreerde benadering*. MEd Studieleier: Prof PG Human.
35. VAN ZYL GJ. *Skryfwerk in die Intermediêre Fase*. MEd Studieleier: Dr H Menkeld.

MENSLIKE BEWEGINGSKUNDE / HUMAN MOVEMENT STUDIES

Tydskrifartikels/Journal articles

1. BAKKES EF, MALAN JH, POTGIETER JR. Die invloed van avontuuraktiwiteite op die gemoedstoestand van deelnemers. *SA Journal for Research in Sport, Physical Education and Recreation* 1998/1999; **21**(2): 1-15.
2. DE VOS HM, POTGIETER JR, BLAAUW JH. Physiological and psychological effects of active-alert hypnosis. *Psychological Reports* 1999; **84**: 1123-1126.
3. VAN DER MERWE FJG. Gerry Bouwer (1899-1983) en die Kaap na Kaïro-droom. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 1999; **13**(1): 71-89.
4. VAN DER MERWE FJG. Rugby in the prisoner-of-war camps of the Anglo-Boer War. *Occasional Papers in Football Studies* 1998; **1**(1): 76-83.
5. VAN DER MERWE FJG. Sport en spel onder Suid-Afrikaanse krygsgevangenes tydens die Tweede Wêreldoorlog (1939-1945). *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 1999; **13**(2): 126-137.
6. VAN DER MERWE FJG. Sport onder die Suid-Afrikaanse troepe in Oos- en Noord-Afrika, Italië en die krygsgevangenkampe gedurende die Tweede Wêreldoorlog, 1939-1945. *Suid-Afrikaanse Tydskrif vir Navorsing in Sport, Liggaamlike Opvoedkunde en Ontspanning* 1998/1999; **21**(1): 81-91.
7. VAN DEVENTER KJ. The state of participation in physical activities by high school learners: A survey in some Western Cape schools involving learners, teachers and parents. *SA Journal for Research in Sport, Physical Education and Recreation* 1998/1999; **21**(2): 89-102.

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1. DE VOS HM, POTGIETER JR, BLAAUW JH. *Physiological and psychological effects of active-alert hypnosis*. All Africa Pre-Games Scientific Congress. Johannesburg, South Africa, 1999.
2. MALAN JH. *The development of a strategic plan and performance indicators for public swimming pools*. All Africa Pre-Games Scientific Congress. Johannesburg, South Africa, 1999.
3. POTGIETER JR. *The relationship between selected personality variables and sport participation*. All Africa Pre-Games Scientific Congress. Johannesburg, South Africa, 1999.

4. VAN DER MERWE FJG. "For you the war is over!" *Sport amongst South African prisoners-of-war during World War II*. Sporting Traditions XII (The end of Sports History?). Queenstown, New Zealand, 1999.
5. VAN DER MERWE FJG. *Rugby and Afrikaner nationalism during World War II*. 6th International ISHPES Congress ("Sport and Politics"). Budapest, Hungary, 1999.
6. VAN DEVENTER KJ. *The status of physical education and sport in selected Western Cape high schools: Youth at risk?* World summit on Physical Education, Berlin, Germany, 1999.
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1. POTGIETER JR. *Motivation to pursue an active lifestyle: The psychologist's view*. South African Sports Medicine Association Conference. Johannesburg, 1999.
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Boeke/Books

1. VAN DER MERWE FJG. *SA soldate en hul sport, 1939-1945*. FJG Publikasies, 1999. 194 pp.

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1. GROENEVELD HJ. *Ecological task analysis as a model for the development of functional movement and sport skills of children with disabilities*. PhD (MBK), 1999. 205 pp. Promotor: Dr ES Bressan.
2. MIESEL ME. *Embracing fear: A phenomenological investigation of high-risk sport*. PhD, 1999. 139 pp. Promotor: Prof JR Potgieter.
3. NEL PdV. *Sportlui se kognitiewe en emosionele belewing van beserings*. PhD, 1999. 175 pp. Promotor: Prof JR Potgieter.

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1. VAN BLERK JC. *Die invloed van 'n avontuurervaring op die selfkonsep van seuns uit verskillende sosio-economiese omgewings*. MMBK, 1999. 123 pp. Studieleier: Prof JR Potgieter.

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1. ALEXANDER LF. *The effect of a movement programme on selected psychological variables among adolescent girls from previously disadvantaged communities*. PhD (MBK) Promotor: Prof JR Potgieter.
2. HERBERT EJ. *Identifying kinesiological predictors for high level underwater performance*. PhD (MBK) Promotor: Prof JH Blaauw.
3. LYOKA PA. *A multidimensional system for the analysis of sport performance*. PhD (MBK) Promotor: Dr ES Bressan.
4. VAN HEERDEN JC. *The validation of a model for the rehabilitation of sports injuries*. PhD Promotor: Prof JR Potgieter.

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1. FOURIE S. *Mental toughness as a personality trait of sportspeople*. MMBK Studieleier: Prof JR Potgieter.
2. GOEDHALS S. *The influence of participation in an after-school activity programme on the health-related fitness of primary school children*. MMBK Studieleier: Dr ES Bressan.
3. HOLLIDAY D. *Back rehabilitation in office workers to prevent surgery*. MMBK Studieleier: Prof JH Blaauw.
4. HUGO K. *The effects of participation in a sport programme on the motor skills and self-esteem of high-risk primary school children*. MMBK Studieleier: Dr ES Bressan.
5. MANDER M. *Cardiac risk factors: A pediatric problem*. MMBK Studieleier: Prof JH Blaauw.
6. MARAIS R. *Physiological changes associated with lateral movement training on netball players*. MMBK Studieleier: Me RA Venter.
7. McINTYRE S. *The influence of a perceptual-motor training programme on the development of speed in sport performance*. MMBK Studieleier: Dr ES Bressan.
8. ROUX CJ. *The influence of recreation on the attitude of college students towards multiculturalism*. MMBK Studieleier: Dr JH Malan.
9. STANDER G. *Die geskiedenis van krieket op Stellenbosch*. MMBK Studieleier: Dr FJG van der Merwe.
10. SURMON S. *Concentric and eccentric reciprocal muscle groups, critical deficit and functional dynamic stability ratios of the hamstrings and quadriceps muscle groups*. MMBK Studieleier: Prof JH Blaauw.
11. VAN NIEKERK E. *Die morfologiese en fisiologiese profiel van elite ritmiese ginnaste in Suid-Afrika*. MMBK Studieleier: Prof JH Blaauw.

OPVOEDINGSBELEIDSTUDIE / EDUCATION POLICY STUDIES

Tydskrifartikels/Journal articles

1. WAGHID Y. Engaging universities and society through teaching, research and community service. *South African Journal of Higher Education* 1999; **13**(2): 109-117.
2. WAGHID Y. Instructional systems design tools and engineering materials development. *South African Journal of Education* 1999; **19**(2): 115-1221.
3. WAGHID Y. Towards a critical theory of engineering education. *South African Journal of Higher Education* 1999; **13**(1): 122-131.

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1. WAGHID Y. *Deconstructing OBE masks of learning*. Proceedings of the National Subject Didactics\Learning Area Symposium. Curriculum 2005: Rhetoric and Reality. Stellenbosch, 1999: 265-272.

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1. DE KLERK J. *Healing a torn society. Is value education an answer for South Africa?* Conference on Peacemaking and Conflict Resolution. Phoenix, Arizona, USA, 1999.
2. WAGHID Y. *Educational paradigms in engineering education and their link with outcomes-based education*. International Symposium on Outcomes-Based Education. Pretoria, South Africa, 1998.
3. WAGHID Y, HODGES M. *Can science education wear an OBE mask?* International Symposium on Outcomes-Based Education. Pretoria, South Africa, 1998.

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2. WAGHID Y. *Integrating university research, teaching and community service: A practice of greater social relevance*. SAARDHE Conference. Bellville, 1999.
3. WAGHID Y. *Qualitative research and the use of conceptual rigor*. Qualitative Research Conference. Johannesburg, 1999.
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1. ABELS C. *Die gemeenskap as agent in die vestiging van gemeenskapskolleges*. PhD Promotor/medepromotor: Dr WS du Plessis/prof JC Steyn.
2. BAM J. *Learners' attitude to history: The current relevance of populist history in Cape Town*. DPhil Promotor/medepromotor: Prof SB Bekker/dr Y Waghid.
3. DIEDERICKS AE. *Die moontlike privatisering van enkele onderwysfunksies in sekondêre onderwys*. PhD Promotor: Prof NP Prinsloo.
4. KLEYNSCHELDT RJ. *'n Kritiese besinning oor die vennootskapskonsep in die skoolonderwys in die RSA*. DEd Promotor: Dr WS du Plessis.
5. MESENGANA NW. *The significance of the concept Ubuntu for educational leadership development*. PhD Promotor: Prof NP Prinsloo.
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2. ARENDSE AJ. *Die onderrig- en leerkultuur in kinderhuisskole: 'n Onderwysbestuursperspektief*. MEd Studieleier: Prof NP Prinsloo.
3. AVENANT L. *Entrepreneurship, leadership and creativity*. MEd Studieleier: Dr LP van Kradenburg.
4. BOYA NV. *The management of the learning and teaching culture in two selected schools in the Umtata district*. MEd Studieleier: Prof NP Prinsloo.
5. DAVIS MV. *Skoolbeleid tydens transformasie: 'n studie van geselekteerde skole in Kimberley*. MEd Studieleier: Dr DJL Taylor.
6. GENIS JS. *'n Skoolhoofdeperspektief op waardesopvoeding in die Overbergstreek*. MEd Studieleier: Dr DJL Taylor.
7. HENDRICKS M. *School governing bodies: Their significance in the democratic transformation of South African Society*. MEd Studieleier: Dr Y Waghid.
8. JANTJIES AB. *Die ontwikkeling en bestuur van skoolbeheerliggame in die Grabouw-area*. MEd Studieleier: Dr DJL Taylor.
9. LINDERS H. *Kapasiteitsbou van skoolbeheerliggame: 'n Studie van geselekteerde skole in die Stellenbosch-area*. MEd Studieleier: Dr DJL Taylor.
10. MAKUNGO NS. *Restoring a culture of teaching and learning in schools in the Northern Province: A historical and philosophical perspective*. MEd Studieleier: Prof JC Steyn.
11. MARTHINUS M. *Morele opvoeding aan leerders binne die konteks van "Plekke van Veiligheid" in die Wes-Kaapland*. MEd Studieleier: Prof JC Steyn.
12. MASUKU E. *The management of learning and teaching culture in selected schools in Bulawayo*. MEd Studieleier: Prof NP Prinsloo.
13. MUDAU HB. *Teacher appraisal in the Northern province: A personnel management perspective*. MEd Studieleier: Dr LP van Kradenburg.
14. PETSHWA D. *Capacity building of governing bodies for effective schools in the Northern Cape*. MEd Studieleier: Prof NP Prinsloo.
15. PILLAY DT. *Professional development of teachers to promote teaching and learning in the Western Cape: A philosophical reflection*. MEd Studieleier: Prof JC Steyn.
16. SIKHWARI MG. *Parental involvement in rural schools in the Northern Province*. MEd Studieleier: Dr J de Klerk.
17. SILJEUR ES. *Die spanning tussen gelyke onderwysgeleenthede en kwaliteitsverzekering: 'n Verkennende filosofiese toespitsing op die Suid-Afrikaanse situasie*. MEd Studieleier: Prof JC Steyn.
18. TSHIFURA VW. *The role of school governing bodies in the rural areas in the Northern Province*. MEd Studieleier: Dr DJL Taylor.
19. VAN DER MERWE T. *Die herposisionering van Tegniese Kolleges in die huidige onderwystransformasie in Suid-Afrika*. MEd Studieleier/medestudieleier: Dr WS du Plessis/ prof NP Prinsloo.

OPVOEDKUNDIGE SIELKUNDE EN SPESIALISERINGSONDERWYS / EDUCATIONAL PSYCHOLOGY AND SPECIALIZED EDUCATION

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1. BOTHA HL, CILLIERS CD. Preparedness for university study: Designing a thinking skills test. *South African Journal of Higher Education* 1999; **13**(1): 144-152.
2. CILLIERS CD, PARK T, THIART D. The need for and relevance of cognitive education in the new South Africa. *International Journal of Special Education* 1999; **14**(2): 36-46.
3. ENGELBRECHT P, SNYMAN H. Educating pre-service teachers in inclusive education: reflections on the Stellenbosch experience. *International Journal of Special Education* 1999; **14**(1): 96-100.
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5. MASUTHA MR, ACKERMANN CJ. Secondary school students' perceptions of their teachers. *South African Journal of Education* 1999; **19**(3): 243-248.

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6. SMIT AG. *Parent involvement and out of school youth: A community approach*. Reclaiming at risk youth. Dallas, Texas, 1999.

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1. ENGELBRECHT P, GREEN L, NAICKER SM. *Inclusive education in action*. Kongres van die Opvoedkunde Vereniging van Suid-Afrika. Wellington, 1999.
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3. GALANT FHM, ACKERMANN CJ. *Die effek van onderwystransformasie op die beroepsbelewing en motivering van die onderwyser*. Kongres van die Opvoedkunde Vereniging van Suid-Afrika. Wellington, 1999.
4. NEWMARK R, ROSSOUW W. *An outcomes-based approach for the training of counsellors and psychologists*. Nasionale Vakdidaktiek/Leerarea Simposium. Universiteit van Stellenbosch, 1999.
5. SMIT AG. *A community approach to support at youth risk*. National Society for Community Education Conference. RAU, Johannesburg, 1999.
6. SMIT AG. *Gemeenskapsgebaseerde huisskole vir straatkinders*. Kongres van die Opvoedkunde Vereniging van Suid-Afrika. Wellington, 1999.
7. SMIT AG. *Training of staff working with street children: A participatory action research approach*. National Alliance for Street Children Conference. Mafikeng, 1999.

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1. ENGELBRECHT P, GREEN L, NAICKER S, ENGELBRECHT L, (eds). *Inclusive education in action in South Africa*. JL van Schaik, 1999. 195 pp.

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1. ARCHER M, ROSSOUW W. Assessment in an inclusive classroom. In: Engelbrecht P, Green L, Naicker S, Engelbrecht L, (eds). *Inclusive education in action in South Africa*. JL van Schaik, 1999: 97-126.
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3. HALL R, CAMPHER E, SMIT AG. Formal support in inclusion. In: Engelbrecht P, Green L, Naicker S, Engelbrecht L, (eds). *Inclusive education in action in South Africa*. JL van Schaik, 1999: 157-167.

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1. BUNDING MG. *Assessing learners' reading skills: A development of an in-service training programme for junior primary teachers*. PhD, 1999. 215 pp. Promotor: Prof P Engelbrecht.

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1. BAILEY BAF. *The perceptions of teachers regarding the difficulties in establishing teacher support teams*. MEd, 1999. 152 pp. Studieleier: Dr AG Smit.
1. COOSNER CD. *Dynamic assessment - A practical strategy for school educators*. MEd, 1999. 88 pp. Studieleier: Prof CD Cilliers.
2. DU TOIT JH. *Optimising memory of school learners: a neuropsychological perspective*. MEd, 1999. 124 pp. Studieleier: Prof CD Cilliers.
3. LOPES D. *Democratising intelligence towards lifelong learning – a practical strategy for primary school educators in South Africa*. MEd, 1999. 62 pp. Studieleier: Prof CD Cilliers.
4. NELL WL. *'n Ondersoek na die verband tussen persoonlikheidstipe voorkeure en sekere dimensies van loopbaanontwikkeling by 'n groep graad 11-seuns*. MEd, 1999. 301 pp. Studieleier: Dr AE van Heerden.
5. SAGOR JK. *Cultivating metacognitive approaches in the classroom: The role of teachers*. MEd, 1999. 159 pp. Studieleier: Prof P Engelbrecht.
6. STEVENS MK. *Die gesinpersepsies van Kleurling adolessente en die implikasies daarvan vir ouerleiding*. MEd, 1999. 171 pp. Studieleier: Dr AG Smit.

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1. CAMPHER EJ. *Support structures for teachers in the implementation of inclusive education in the Western Cape*. PhD Promotor: Prof P Engelbrecht.
2. DE KLERK EC. *Theory-based prediction of academic performance of prospective university students*. PhD Promotor: Prof CD Cilliers.
3. GALANT FHM. *Die effek van onderwystransformasie op die beroepsbelewing en motivering van onderwysers in die Wes-Kaapse Onderwysdepartement*. PhD Promotor/ medepromotor: Dr CJ Ackermann/dr LP van Kradenburg.
4. HARRIS HC. *Inklusiewe onderwys: Die ontwikkeling van onderwyskundighede*. PhD Promotor: Prof P Engelbrecht.
5. NEWMARK R. *Inclusive education for learners with Down's syndrome: The role of the educational psychologist*. PhD Promotor: Prof P Engelbrecht.

6. PAULSEN ME. *Cooperative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkeld.
7. ROSSOUW MW. *'n Kognitiewe benadering ten opsigte van leergestremdheid binne transdissiplinêre spanverband*. PhD Promotor: Prof P Engelbrecht.

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1. CAIRNS C. *A needs analysis of over-aged learners in the junior primary phase in the Kuils River area*. MEd Studieleier: Prof P Engelbrecht.
2. DAVIS F. *Stress and coping skills of teachers with a learner with a physical disability in their classroom*. MEd Studieleier: Prof P Engelbrecht.
3. DORFLING P. *Uitkomsgbaseerde onderrig vir leerders met verstandelike gestremdhede*. MEd Studieleier: Prof P Engelbrecht.
4. KILPIN EM. *Reflection in problem solving: empowering historically disadvantaged freshmen at a South African university*. MEd Studieleier: Prof CD Cilliers.
5. MALAN SB. *The role of the facilitator in an ABET programme in a rural area in the Southern Cape*. MEd Studieleier: Prof P Engelbrecht.

EENHEID VIR NAVORSING OOR WISKUNDE-ONDERWYS / RESEARCH UNIT FOR MATHEMATICS EDUCATION

Verrigtinge nasionaal/Proceedings national

1. LE ROUX A. "Now I know I want to be a teacher" - reflection in action. Verrigtinge van die Nasionale Vakdidaktiek/Leerarea-simposium. Stellenbosch, 1999: 88-95.

FAKULTEIT LANDBOUWETENSKAPPE

FACULTY OF AGRICULTURAL SCIENCES

AKKERBOU EN WEIDING / AGRONOMY AND PASTURES

Tydskrifartikels/Journal articles

1. AGENBAG GA, CROUS R. *Bromus diandrus* Roth. control with MON 37532 in spring wheat (*Triticum aestivum* L.). 1. Time of application and dosage rate. *South African Journal of Plant and Soil* 1999; **16**(3): 118-122.
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3. MANLEY M, NEL MM. Investigation of the suitability of Western and Southern Cape wheat flour for production of traditional South African steamed bread. *South African Journal of Plant and Soil* 1999; **16**(3): 135-142.

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2. COESSENS SM, AGENBAG GA, VLASSAK K. *Mineralization potential and respiration of an agricultural soil in the Swartland*. Workshop: N-dynamics in Intensive and Extensive Agriculture. Leuven, Belgium, 1999.
3. VLASSAK K, AGENBAG GA, DE WEVER H. *Mineralization potential and denitrification of South African soils*. Workshop: N-dynamics in Intensive and Extensive Agriculture. Leuven, Belgium, 1999.

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2. KÖNIG R. *Witloof chicory (*Chiconium intybus* L. var. *foliosum*) as a vegetable crop in South Africa*. MScAgric, 1999. 77 pp. Studieleier: Dr NJJ Combrink.
3. LANGENHOVEN P. *Invoed van bemesting op die opbrengs en kwaliteit van uie (*Allium cepa* L.)*. MScAgric, 1999. 112 pp. Studieleier: Dr NJJ Combrink.
4. MOLEFE MK. *Yield and quality response of spring wheat cultivars to post anthesis high temperature*. MScAgric, 1999. 76 pp. Studieleier: Prof GA Agenbag.
5. OBERHOLZER AJ. *The use of dissolved inorganic carbon for the production of tomatoes (*Lycopersicon esculentum* mill)*. MScAgric, 1999. 77 pp. Dr NJJ Combrink.

Doktoraal lopend/Doctoral current

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2. STRAUSS JA. *Droogteverdraagsaamheid van Suid-Afrikaanse lentekeoring kultivars*. PhD Promotor: Prof GA Agenbag.

Magister lopend/Master's current

1. BEKAARDT CR. *The establishment of Guayule cultivars*. MScAgric Studieleier: Dr PJ Pieterse.
2. BILBE SA. *The relationship between seed treatment with molybdenum and seed quality in soybean*. MScAgric Studieleier: Dr PJ Pieterse.
3. SCHREUDER HA. *Stikstofbemesting by aartappels*. MScAgric Studieleier: Prof GA Agenbag.
4. WESSELS PWG. *Canola en Lupine as wisselbougewasse*. MScAgric Studieleier: Dr PJ Pieterse.

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1. ACHIANO KA, GILIOREE JH, PRINGLE KL. The use of ash from *Aloe marlothii* Berger for the control of maize weevil, *Sitophilus zeamais* Motschulsky (Coleoptera: Curculionidae), in stored maize. *African Entomology* 1999; 7(1): 169-172.
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3. GEERTSEMA H. Studies on African zygaenoid moths (Lepidoptera: Zygaenoidea). The genus *Psycharium* Herrich-Schäffer, with descriptions of four new species (Somabrachyidae). *South African Journal of Zoology* 1998; 33(4): 210-225.
4. VAN DIJK DE, GEERTSEMA H. Permian insects from the Beaufort Group of Natal, South Africa. *Annals of the Natal Museum* 1999; 40: 137-171.
5. VISSER D, WRIGHT MG, VAN DEN BERG A, GILIOREE JH. Species richness of arachnids associated with *Protea nitida* (Proteaceae). *African Ecology* 1999; 37: 334-344.
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3. GILIOREE JH. Towards more sustainable agriculture through integrated fruit and wine production in the Western Cape, South Africa. Fourth African Crop Science Conference Abstracts. Casablanca, Morocco, 1999: 74.
4. VAN DIJK DE, GEERTSEMA H, DE VILLIERS AL. Food of the endangered anuran genus Microbatrachella. Proceedings of the African Amphibian Working Group. Stellenbosch, South Africa, 1999: 8.

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3. GILIOREE JH, BEN-DOV Y. Remarkable South African scale insects (Hemiptera: Coccoidea). Proceedings of the 12th Entomological Congress. Potchefstroom, 1999: 46.
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1. EPSTEIN ME, GEERTSEMA H, NAUMANN CM, TARMANN GM. 10. The Zygaenoidea. In: Kristensen NP, (red.). *Handbuch der Zoologie, 4. Arthropoda: Insecta*. De Gruyter, Berlin, 1999; 35(1): 159-180.

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1. PRINGLE KL. *Breeding cycles of woolly apple aphid*. Deciduous Fruit Producers' Trust, 1999. 15 pp.
2. PRINGLE KL. *Control of underground populations of woolly apple aphids using mulches*. Deciduous Fruit Producers' Trust, 1999. 18 pp.
3. PRINGLE KL. *Effects of withdrawing codling moth mating disruption from apple orchards*. Deciduous Fruit Producers' Trust, 1999. 10 pp.
4. PRINGLE KL. *Identification of fungi infecting underground populations of woolly apple aphid*. Deciduous Fruit Producers' Trust, 1999. 12 pp.
5. PRINGLE KL. *Identification of predatory mites*. Deciduous Fruit Producers' Trust, 1999. 2 pp.
6. PRINGLE KL. *Identification of the developmental stages of subterranean and aerial populations of woolly apple aphids*. Deciduous Fruit Producers' Trust, 1999. 18 pp.
7. PRINGLE KL. *Life table analysis of subterranean and aerial populations of woolly apple aphids*. Deciduous Fruit Producers' Trust, 1999. 10 pp.
8. PRINGLE KL. *Predator to prey ratios required for the biological control of the two-spotted mite, Tetranychus urticae, and European red mite, Panonychus ulmi, using the recently identified predator, Amblyseius californicus*. Deciduous Fruit Producers' Trust, 1999. 3 pp.
9. PRINGLE KL. *The effects of nitrogen on woolly apple aphid*. Deciduous Fruit Producers' Trust, 1999. 4 pp.
10. PRINGLE KL. *The effects of pesticides on predatory mites*. Deciduous Fruit Producers' Trust, 1999. 10 pp.
11. PRINGLE KL. *The effects of pesticides on the parasitic wasp, Aphelinus mali*. Deciduous Fruit Producers' Trust, 1999. 3 pp.
12. PRINGLE KL. *The underground biology of woolly apple aphid*. Deciduous Fruit Producers' Trust, 1999. 14 pp.

Doktoraal afgehandel/Doctoral completed

1. GROVE T. *Thrips management in mango orchards*. PhD, 1999. 146 pp. Promotor/ medepromotor: Prof JH Giliomee/dr KL Pringle.

Magister afgehandel/Master's completed

1. KNOETZE R. *Potential of the polymerase chain reaction for the identification of plant-parasitic nematodes*. MScAgric, 1999. 103 pp. Studieleier: Prof AJ Meyer.

Doktoraal lopend/Doctoral current

1. ACHIANO KA. *Biology of predatory beetles found in housefly manure*. PhD Promotor: Prof JH Giliomee.
1. BLOMEFIELD T. *Bionomics, behaviour and control of the codling moth, Cydia pomonella in apple orchards*. PhD (Agric) Promotor/medepromotor: Prof JH Giliomee/dr KL Pringle.
2. DAMAVANDIAN MR. *The biology of subterranean populations of woolly apple aphid, Eriosoma lanigerum (Hausmann) (Homoptera: Aphididae) in apple orchards*. PhD Promotor: Dr KL Pringle.
3. HEUNIS JM. *The biology and management of aerial populations of woolly apple aphid, Eriosoma lanigerum (Hausmann) (Homoptera: Aphididae)*. PhD Promotor: Dr KL Pringle.
4. MARAIS M. *'n Monografiese studie van die genus Helicotylenchus (Nematoda: Hoplolaimidae)*. PhD Promotor: Prof AJ Meyer.
5. VAN BILJON ER. *Towards a sustainable management strategy for noxious nematode species in the Tobacco industry of South Africa with special reference to the Meloidogyne/Pratylenchus complex*. PhD Promotor: Prof AJ Meyer.
6. VAN ZYL J. *The biology of Heterodera schachtii (Nematoda: Heteroderidae) in the Western Cape Province*. PhD Promotor: Prof AJ Meyer.
7. WAKGARI WM. *Developing a management strategy for the white wax scale, Ceroplastes destructor Newstead on citrus*. PhD Promotor: Prof JH Giliomee.
8. WALTON VM. *Integrated control of vine mealybug, Planococcus ficus (Signoret) (Homoptera: Pseudococcidae) in South African vineyards*. PhD Promotor: Dr KL Pringle.

Magister lopend/Master's current

1. HOBOLOLO VL. *Field biology and identification of fruit flies in the Western Cape Province*. MSc Studieleier: Dr KL Pringle.
2. MOORE J. *Biologiese beheer van bloekomboorder, Phoracantha semipunctata F*. MSc Studieleier: Prof JH Giliomee.
3. O' CONNELL RA. *Die invloed van dekgewasse op nematodebevolkings by wingerd*. MScAgric Studieleier: Prof AJ Meyer.
4. RINI LA. *Artificial diets for mass rearing Ceratitis capitata and Ceratitis rosa (Diptera: Tephritidae) using locally available ingredients*. MSc Studieleier: Dr KL Pringle.
5. VAN JAARSVELD AJ. *Occurrence of plant parasitic nematodes and woolly apple aphids in the rhizosphere of apple trees in the Western Cape*. MSc Studieleier: Dr KL Pringle.

GENETIKA / GENETICS

Tydskrifartikels/Journal articles

1. PEETERS AV, THIART R, DE VILLIERS JNP, JENSEN HK, VAN GAAL LF, KOTZE MJ. Intronic mutations at splice junctions in the low-density lipoprotein receptor gene. *Molecular and Cellular Probes* 1999; **13**: 257-260.
2. PRINS R, MARAIS GF. A genetic study of the gametocidal effect of the *Lr19* translocation of common wheat. *South African Journal of Plant and Soil* 1999; **16**(1): 10-14.
3. SCHOLTZ CL, PEETERS AV, HOOGENDIJK CF, THIART R, DE VILLIERS JNP, HILLERMANN R, LIU J, MARAIS AD, KOTZE MJ. Mutation -59c→t in repeat 2 of the LDL receptor promoter: reduction in transcriptional activity and possible allelic interaction in a South African family with familial hypercholesterolemia. *Human Molecular Genetics* 1999; **8**(11): 2025-2030.
4. VILJOEN DL, MULLER M, DE SWARDT JB, SADIE A, VOSLOO MC. The development and testing of a computerised temperature control system in conventional electric ovens. *Journal of Family Ecology and Consumer Sciences* 1999; **27**(1): 55-70.

Verrigtinge internasionaal/Proceedings international

1. KARAAN ASM, TREGURTHA NL, SALIE K. *Bycatch utilization in South Africa with specific reference to the demersal fisheries*. Report and Proceedings of FAO/DFID Expert consultation on Bycatch Utilization in Tropical Fisheries. Beijing, China, 1998: 191-202.
2. SALIE K, VAN ROEY L, HOFFMAN LC, BRINK D. *Sustainable use of existing irrigation water bodies by means of aquaculture in South Africa: A case study*. Proceedings of the 4th Biennial Conference of the African Farm Management Association. University of Stellenbosch, South Africa, 1998: 96-101.

Verrigtinge nasionaal/Proceedings national

1. VAN STRATEN CD, BURGER JT. *Cloning the coat protein gene of a South African isolate of GLRaV-III in a plant expression vector*. Proceedings: 37th Congress of the South African Society for Plant Pathology. Pietermaritzburg, 1999: X.
2. WILSEN KL, BURGER JT. *Investigating the introduction of a non-specific antiviral mechanism into grapevine*. Proceedings: 37th Congress of the South African Society for Plant Pathology. Pietermaritzburg, 1999: X.

Referate internasionaal/Papers international

1. JOUBERT E, WIUM GL, FOURIE PC, SADIE A. *The role of initial temperature after sun-bleaching and temperature control on browning of OR sultanas during bulk storage*. 10th World Congress of Food Science & Technology. Sydney, Australia, 1999.
2. JOUBERT E, WIUM GL, SADIE A. *Discolouration of processed Royal-type apricots during storage*. 15th Biennial International Congress of the SA Association for Food Science & Technology. Beyond 2000: Are we prepared? Bellville, 1999.
3. JOUBERT E, WIUM GL, SADIE A. *Discolouration of processed Royal-type apricots during storage*. 10th World Congress of Food Science & Technology. Sydney, Australia, 1999.
4. LABUSCHAGNE IF, LOUW JH, JACOBS G, SCHMIDT K, SADIE A. *Parental contributions to variation in prolonged dormancy symptoms of apple cross seedling populations*. Second International Symposium on Plant Dormancy. Angers, France, 1999.
5. LABUSCHAGNE IF, LOUW JH, SCHMIDT K, SADIE A. *Breeding low-chill requiring apple cultivars in South Africa*. Eucarpia Symposium on Fruit Breeding and Genetics. Dresden, Germany, 1999.
6. LAMBERT C-A, McGREGOR C, GREYLING R, LOUW JH, WARNICH L. *Evaluation of PCR-based profiling techniques for the identification of tetraploid potato cultivars*. Plant and Animal Genome VII. San Diego, USA, 1999.
7. McGREGOR C, GREYLING R, LAMBERT C-A, LOUW JH, WARNICH L. *Fingerprinting potato cultivars in South Africa: Comparison of four marker techniques*. 5th International DNA Fingerprinting Conference. Port Elizabeth, South Africa, 1999.
8. SADIE A, JOUBERT E. *Use of objective colour measurement for prediction of dried fruit quality*. 15th Biennial International Congress of the SA Association for Food Science & Technology. Beyond 2000: Are we prepared? Bellville, 1999.
9. SAFODIEN S, FOUCHE MG, LYNCH A-G, WARNICH L. *The application of RAPD fingerprinting for the identification of apple rootstocks*. 5th International DNA Fingerprinting Conference. Port Elizabeth, South Africa, 1999.
10. VILJOEN DL, MULLER M, DE SWARDT JB, SADIE A, VOSLOO MC. *Thermal efficiency during baking and applications for food research*. 15th Biennial International Congress of the SA Association of Food Science & Technology. Beyond 2000: Are we prepared? Bellville, 1999.
11. WARNICH L. *Molecular genetic analysis of the protoporphyrinogen oxidase gene in the South African population*. 5th South-North UNESCO Human Genome Conference. Windhoek, Namibia, 1999.

Referate nasionaal/Papers national

1. BURGER JT. *Wingerd virussiektes: Kan ons hulle beheer?* Proceedings: 23rd Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
2. DE VILLIERS JNP, HILLERMAN R, WARNICH L, CARR J, SMIDT S, MANSVELT EPG, FOURIE E, KOTZE MJ. *Lack of clinical expression of the C282Y/C282Y genotype implicated in haemochromatosis and porphyria in two sisters diagnosed with multiple sclerosis*. 8th Biennial Congress of the Southern African Society of Human Genetics. Gordon's Bay, 1999.

3. GRAF J-A, VAN STRATEN CD, BURGER JT. *Towards the construction of a binary plant expression vector bearing GFLV and GLRaV-III coat protein genes*. Proceedings: 23rd Congress of the South African Society for Enology and Viticulture. Somerset West, South Africa. 1999.
4. KOTZE MJ, DE VILLIERS JNP, GROENEWALD JZ, THIART R, GROENEWALD IM, WARNICH L. *Mutation and haplotype analyses largely exclude variegate porphyria in a subset of clinically affected Afrikaner families*. 8th Biennial Congress of the Southern African Society of Human Genetics. Gordon's Bay, 1999.
5. LABUSCHAGNE IF, SCHMIDT K, LOUW JH, JACOBS G, SADIE A. *Genetic variation in apple (Malus x domestica Borkh.) seedling chilling requirements*. 8th Congress of the South African Society of Horticultural Science. Stellenbosch, 1999.
6. PEETERS AV, VAN GAAL LF, THIART R, DE BLOCK C, KOTZE MJ. *Mutation analysis of the low-density lipoprotein receptor gene of Belgian type IIa hypercholesterolemics*. 8th Biennial Congress of the South African Society of Human Genetics. Gordon's Bay, 1999.
7. WARNICH L, WASO H, DE VILLIERS N, KOTZE MJ. *Molecular genetics of variegate porphyria in South Africa: Implications and perspectives*. 8th Biennial Congress of the Southern African Society of Human Genetics. Gordon's Bay, 1999.
8. WASO H, LIEBENBERG N, GROENEWALD I, DE VILLIERS N, KOTZE M, WARNICH L. *Haplotype analyses in two families with the P256R protoporphyrinogen oxidase gene mutation*. 8th Biennial Congress of the Southern African Society of Human Genetics. Gordon's Bay, 1999.

Doktoraal afgehandel/Doctoral completed

1. SIMONIC I. *The search for TOURETTE SYNDROME genes: A conceptual and experimental approach*. PhD, 1999. 190 pp. Promotor/medepromotor: Dr GS Gericke/prof AE Retief.

Magister afgehandel/Master's completed

1. GLYN-WOODS C. *In vitro regeneration and transformation of immature embryos and leaf material of prunus armeniaca*. MSc, 1999. 206 pp. Studieleier/medestudieleier: Prof AE Retief/dr EL Mansvelt.
2. LIEBENBERG J. *Sequence-tagged sites of cDNA clones in Solanum tuberosum and their evaluation as molecular markers in Solanaceae*. MSc cum laude, 1999. 88 pp. Studieleier/medestudieleier: Prof L Warnich/dr AV Peeters.
3. VERMAAK C. *The genetic stability of a recombinant form of the Lr19 translocation of wheat*. MScAgric, 1999. 99 pp. Studieleier: Prof GF Marais.

Doktoraal lopend/Doctoral current

1. BRINK D. *Genetic improvement of growth rate in rainbow trout*. PhD Promotor: Dr JH Louw.
2. ESTERHUIZEN AM. *Genetic markers for grey leaf spot resistance in maize*. PhD Promotor: Prof AE Retief.
3. GROENEWALD JZ. *Identification of polymorphic molecular markers for prominent structural genes on chromosome arm 7DL of common wheat*. PhD Promotor: Prof GF Marais.
4. LABUSCHAGNÉ IF. *Investigation of genetic variation in apple seedling chilling requirement*. PhD Promotor: Dr JH Louw.
5. LAMBERT C-A. *Genetic mapping of the Helminthosporium resistance gene (Ht2) in maize*. PhD Promotor: Prof AE Retief.
6. LEHMENSIEK A. *QTL mapping of gray leaf spot (6LS) resistance genes in maize*. PhD Promotor: Prof AE Retief.
7. VAN STADEN D. *Molecular genetic analysis of the Helminthosporium turcicum resistance gene (Htn1) in maize*. PhD Promotor: Prof AE Retief.

Magister lopend/Master's current

1. BADENHORST PC. *Die chromosomale ligging van soutverdraagsaamheidsgene in Thinopyrum distichum en die moontlike introgressie daarvan na verboude grane*. MSc Studieleier: Prof GF Marais.
2. BOTES WC. *Gebruik van 'n manlike steriliteitsgene vir herhalende seleksie met siekteweerstandsgene in koring*. MScAgric Studieleier: Prof GF Marais.
3. CHRISTIANS GE. *Identification of molecular markers linked to woolly apple aphid (Eriosoma lanigerum) resistance in apple*. MSc Studieleier: Prof L Warnich.
4. DE WIT AH. *Kwantitatiewe evaluering van die verband tussen liggaamskenmerke van reënboog forel (Onchorhinchus mikiss) op opeenvolgende ontwikkelingstadia*. MSc Studieleier: Mnr D Brink.
5. HALL EG. *The utility of molecular markers in an aquaculture breeding programme*. MSc Studieleier: Dr RI Lewis.
6. JACOBS JA. *Karakterisering van deriveate uit 'n Thinopyrum distichum X tetraploïede rog kruising*. MSc Studieleier: Prof GF Marais.
7. LYNCH AG. *Comparison of levels of genetic variation among Streptomyces scabies strains using DNA techniques*. MSc Studieleier: Prof L Warnich.
8. MARAIS PS. *Kwantitatiewe evaluering van die groeitempo van die nege populasies van die Suider-Afrika tilapia (Oreochromis mossambicus)*. MSc Studieleier: Mnr D Brink.
9. MORRIS MI. *Development of a marker-assisted screening technique for apple scab (Venturia inaequalis) resistance using RAPD and AFLP analysis*. MSc Studieleier: Prof L Warnich.
10. ROBYN A. *Genetic compatibility between taxonomically defined species of Leucadendron*. MScAgric Studieleier: Dr JH Louw.
11. SHOLTO-DOUGLAS-VERNON C. *Genetic mapping of Helminthosporium turcicum resistance gene (Ht1) in maize*. MSc Studieleier: Prof AE Retief.
12. VAN DER MERWE AS. *Identification of differentially expressed mRNA species in Vitis vinifera in reaction to infection by Uncinula necator*. MSc Studieleier: Dr JT Burger.

13. VAN STRATEN CD. *Isolation and characterisation of the coat protein gene of a South African isolate of grapevine leafroll associated virus III.* MSc Studieleier: Dr JT Burger.
14. VORSTER G. *Evaluation of the components of additive and non-additive genetic variation in growth rate amongst three populations of abalone, Haliotis midae, on the South African coast.* MSc Studieleier: Mr D Brink.
15. WILSEN KL. *Investigating the introduction of a broad-spectrum antiviral mechanism into grapevine.* MSc Studieleier: Dr JT Burger.

GROND- EN LANDBOUWATERKUNDE / SOIL AND AGRICULTURAL WATER SCIENCE

Verrigtinge internasional/Proceedings international

1. HOFFMAN JE, DU PLESSIS SF. *Seasonal water requirements of avocado trees grown under subtropical conditions.* Revista Chapingo Serie Horticulture 1999; 5(Num Especial): 191-194.

Referate internasional/Papers international

1. HOFFMAN JE, DU PLESSIS SF. *Seasonal water requirements of avocado trees grown under subtropical conditions.* International Avocado Congress. Mexico, 1999.

Referate nasional/Papers national

1. DE CLERCQ WP. *Effect of irrigation water quality on grapevine performance at Robertson and Stellenbosch.* Somerset West, 1999.

Navorsingsverslae/Research reports

1. MOOLMAN JH, DE CLERCQ WP, WESSELS WPJ, MEIRI A, MOOLMAN CG. *The use of saline water for irrigation of grapevines and the development of salt tolerance indices.* WRC Report 303/1/99, 1999. 245 pp.
2. SILOLO OTM, CONRAD J, MURPHY KO'H, TREDOUX G, EIGENHUIS B, FERGUSON MCD, MOOLMAN H. *Investigation of the contaminant attenuation characteristics of the soil aquifer system with special emphasis on the vadose zone.* WRC Report 572/1/99, 1999. 167 pp.

Magister afgehandel/Master's completed

1. DE CLERCQ WP. *Leaf area changes and transpiration in vineyards under salt stress.* MScAgric, 1999. 68 pp. Studieleier'/medestudieleier: Prof V Smith/mnr JJN Lambrechts.

Doktoraal lopend/Doctoral current

1. SAAYMAN D. *Kwantifisering en bevrediging van die voedingsbehoefte van Vitis vinifera cv. Barlinka.* PhD (Agric) Promotor: Mnr JJN Lambrechts.
2. VOLSCHENK T. *The effect of saline irrigation water on the vegetative growth and yield of Palsteyn apricots.* PhD (Agric) Promotor: Dr WAG Kotze.

Magister lopend/Master's current

1. ENGELBRECHT GP. *Die invloed van verskillende lowerbehandelings en bermestings op die K-inhoud, pH en kleur van druiwesap en wyn.* MScAgric Studieleier: Mnr D Saayman.
2. SMUTS MN. *Kalkbehoefte van organies- en magnesiumryke gronde.* MScAgric Studieleier: Mnr JJN Lambrechts.
3. VAN SCHOOR LH. *Kwantifisering van die invloed van geologie en kleimineralogie op wynkwaliteit en karakter met die oog op wetenskaplike gebiedskarakterisering.* MScAgric Studieleier: Mnr JJN Lambrechts.

HORTOLOGIE / HORTICULTURAL SCIENCE

Tydskrifartikels/Journal articles

1. COETZEE JH, THERON KI. Efficacy of Armothin® as a chemical thinner applied during different flowering stages of 'Sunlite' nectarines. *Journal of the Southern African Society for Horticultural Sciences* 1999; 9(1): 8-12.
2. COETZEE JH, THERON KI. The effect of Ralex® on fruit firmness and storage ability in the season of application and on bud density, yield and fruit size in the season following application on 'Sunlite' nectarines. *Journal of the Southern African Society for Horticultural Sciences* 1999; 9(1): 13-17.

3. COETZEE JH, THERON KI. The effect of the rest-breaking agent, Armobreak® in combination with potassium nitrate, on the efficacy of Armothin® as a chemical blossom thinner for 'Sunlite' nectarines. *Journal of the Southern African Society for Horticultural Sciences* 1999; **9**(1): 18-20.
4. COOK NC. Management of bi-colour apples from planting to year four. *Proceedings of the Cape Pomological Association* 1999: 114-116.
5. COOK NC. Managing bi-colours better. *Deciduous Fruit Grower* 1999; **49**(8): 18-19.
6. COOK NC. My plum orchard for the year 2000. *Compact Fruit Tree* 1999; **32**(1): 30-31.
7. COOK NC. Recent developments in training high-density plums via the unheaded route. *Deciduous Fruit Grower* 1999; **49**(2): 20-21.
8. COOK NC, RABE E, JACOBS G. Early expression of apical control regulates length and crotch angle of sylleptic shoots in peach and nectarine. *HortScience* 1999; **34**(4): 604-606.
9. COOK NC, STRYDOM DK. Plum training: The unheaded route. *Compact Fruit Tree* 1999; **32**(1): 11-12.
10. HALGRYN PJ, COOK NC, THERON KI. The evaluation of pollination biology of new apple varieties with special reference to "African CarmineTM". *Proceedings of the Cape Pomological Association* 1999: 176-181.
11. HOLCROFT DM. Colour development versus sunburn. *Proceedings of the Cape Pomological Association* 1999: 39-46.
12. HOLCROFT DM, KADER AA. Carbon dioxide-induced changes in color and anthocyanin synthesis in stored strawberry fruit. *HortScience* 1999; **34**(7): 1244-1248.
13. HOLCROFT DM, KADER AA. Controlled atmosphere-induced changes in pH and organic acid metabolism may affect colour of stored strawberry fruit. *Postharvest Biology and Technology* 1999; **17**: 19-32.
14. KOCH NC, THERON KI, RABE E. Fruit growth after the physiological drop period and prediction of fruit size at harvest in 'Clementine' and 'Satsuma' mandarins in the Western Cape, South Africa. *Journal of the Southern African Society for Horticultural Sciences* 1999; **9**(1): 40-42.
15. PUNT HF, THERON KI, RABE E. Mechanical pruning compared to selective pruning of mature 'Washington Navel' oranges (*Citrus sinensis* L. Osbeck). *Journal of the Southern African Society for Horticultural Sciences* 1999; **9**(1): 36-39.
16. PUNT HF, THERON KI, RABE E. Regrowth control in pruned 'Eureka' lemons (*Citrus limon* (L.) Burm. f.): Effect of growth-retarding chemicals. *Journal of the Southern African Society for Horticultural Sciences* 1998; **8**(2): 88-90.
17. RABE E. Citrus as viable alternative crop for the Western Cape. *Deciduous Fruit Grower* 1999; **49**(3): 8-9.
18. THERON KI. Preliminary results with the growth regulator prohexadione Ca. *Proceedings of the Cape Pomological Association* 1999: 117-119.
19. THERON KI. Sunburn control on apples: Experience with various methods. *Proceedings of the Cape Pomological Association* 1999: 75-77.

Verrigtinge internasionaal/Proceedings international

1. COOK NC, JACOBS G. Chilling response of lateral buds is determined by position on shoot. Abstracts of the Second International Symposium on Plant Dormancy. Angers, France, 1999: 71.
2. RABE E. The citrus industry of South Africa. Avances en Citricultura. Manejo de Huertos y Postcosecha. Pontificia Universidad Católica de Chile, Chile, 1999: 15-19.
3. RABE E. Fruit set and size manipulation. Avances en Citricultura. Manejo de Huertos y Postcosecha. Pontificia Universidad Católica de Chile, Chile, 1999: 81-83.
4. RABE E. Pruning and spacing in citrus. Avances en Citricultura. Manejo de Huertos y Postcosecha. Pontificia Universidad Católica de Chile, Chile, 1999: 38-42.
5. STEYN WJ, COOK NC. Improving tree form of apple tree whips in the first leaf with artificial chilling and rest breaking. Abstracts of the Second International Symposium on Plant Dormancy. Angers, France, 1999: 107.

Verrigtinge nasionaal/Proceedings national

1. BIRD PW, MILLER JE, RABE E. Methods for determining citrus rootstock/scion incompatibility relationships. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 31.
2. COOK NC. Management of bi-colour apples from planting to year four. Proceedings of the Cape Pomological Association. Stellenbosch, 1999: 114-116.
3. COOK NC, JACOBS G. Delayed foliation in apple shoots: Possible causes and solutions. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 8.
4. DU TOIT PG, HUYSAMER M, JACOBS G. Exogenous ethylene shortens the prerequisite cold storage period for normal ripening of 'Forelle' pears. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 19.
5. GERBER AJ, THERON KI, JACOBS G. Effect of severity and time of defoliation on shoot growth and flowering of Protea cv. Carnival. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 14.
6. HALGRYN H, COOK NC, THERON KI. The evaluation of pollination biology of new apple varieties with special reference to 'African Carmine'. Proceedings of the Cape Pomological Association. Stellenbosch, 1999: 176-181.
7. HALGRYN H, COOK NC, THERON KI. Investigating the pollination biology of new apple cultivars with special reference to 'African Carmine'. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 9.
8. HETTASCH HB, THERON KI, JACOBS G. Dry mass distribution and carbohydrate allocation in successive growth flushes of Protea cv. sylvia shoots. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 24.
9. HOLCROFT DM. Colour development versus sunburn. Proceedings of the Cape Pomological Association. Stellenbosch, 1999: 39-46.
10. HOLCROFT DM, KADER AA. Carbon dioxide-induced changes in colour and anthocyanin synthesis in stored strawberry fruit. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 19.
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12. LABUSCHAGNE IF, LOUW JHG, JACOBS G, SCHMIDT K, SADIE A. *Genetic variation in apple (Malus x domestica Borkh.) seedling chilling requirements*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 10.
13. LOMBARD C, COOK NC, THERON KI. *Increasing fruit size of 'Royal Gala' apples through pruning*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 36-37.
14. MUDZUNGA JM, THERON K, RABE E. *Early chemical fruit thinning to enhance vegetative growth in young non-bearing citrus trees*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 27.
15. POOLE CJ, JACOBS G. *Floral initiation and development in Bruniaceae based on scanning electron micrographs*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 14.
16. PUNT HF, RABE E. *Effect of time and type of maintenance pruning of Clementine mandarins (Citrus reticulata blanco) – Light distribution within the tree canopy*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 28.
17. STEYN WJ, JACOBS G, THERON KI. *Induction of growth cessation in apple nursery trees and its effect on tree quality and establishment*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 9.
18. THERON KI. *Preliminary results with the growth regulator prohexadione Ca*. Proceedings of the Cape Pomological Association. Stellenbosch, 1999: 117-119.
19. THERON KI. *Sunburn control on apples: Experience with various methods*. Proceedings of the Cape Pomological Association. Stellenbosch, 1999: 75-77.
20. VAN ZYL AJJ, RABE E. *Root growth studies in citrus. I. Annual root growth and root distribution of 'Valencia' (C. sinensis cv. Midnight) on rough lemon rootstock relative to soil depth, soil temperature and soil water content*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 7.
21. VAN ZYL AJJ, RABE E. *Root growth studies in citrus. II. Root reserve levels and aboveground phenology of 'Valencia' (C. sinensis cv. Midnight) on rough lemon rootstock*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 7.
22. VERREYNNE JS, THERON KI, RABE E. *Summer girdling, deficit irrigation and other manipulations in citrus: effect on internal fruit quality parameters*. Abstracts of the Southern African Society for Horticultural Sciences. Stellenbosch, 1999; **8**: 27.

Doktoraal afgehandel/Doctoral completed

1. COOK NC. *Budburst dynamics and tree architecture of deciduous fruit trees*. PhD, 1999. 176 pp.
Promotor/medepromotor: Prof G Jacobs/prof E Rabe.

Magister afgehandel/Master's completed

1. BIRD PW. *Compatibility relationships (anatomical and physiological) of "Eureka" lemon scions and various rootstocks*. MScAgric, 1999. 134 pp. Studieleier/medestudieleier: Prof E Rabe/mnr J Miller.
2. HETTASCH HB. *Studies of the vegetative development of Protea cvs. 'Sylvia' and 'Cardinal'*. MScAgric, 1999. 65 pp. Studieleier/medestudieleier: Prof G Jacobs/prof KI Theron.
3. POOLE CJ. *Growth and nutrition of Bruniaceae*. MScAgric, 1999. 103 pp. Studieleier/ medestudieleier: Prof G Jacobs/mnr D Saayman.
4. TUWANA SW. *Fruit size studies in citrus species*. MScAgric, 1999. 82 pp. Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.
5. VERREYNNE S. *Manipulation of internal fruit quality in citrus*. MScAgric, 1999. 169 pp.
Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.

Doktoraal lopend/Doctoral current

1. GERBER AI. *Inflorescence initiation and development, and the manipulation thereof in selected cultivars of the genus Protea*. PhD (Agric) Promotor/medepromotor: Prof G Jacobs/prof KI Theron.
2. MILLER JE. *Iron stress responses of Citrus rootstocks*. PhD (Agric) Promotor: Prof E Rabe.

Magister lopend/Master's current

1. BURGER D. *Studies on postharvest development of loose berries and berry crack in Thompson Seedless table grapes*. MScAgric Studieleier: Prof G Jacobs.
2. DU PLOOY P. *A study of fruiting habits in pear trees*. MScAgric Studieleier: Dr NC Cook.
3. DU TOIT PG. *Physiological responses of pears to exogenous ethylene and pre-harvest factors influencing post-harvest quality with reference to 'Forelle' and 'Packham's Triumph' pears*. MScAgric Studieleier: Dr DM Holcroft.
4. ERWEES SA. *Rind constituents relative to rind maturity and aging in navel orange*. MScAgric Studieleier: Prof E Rabe.
5. HALGRYN PJ. *Evaluation of cold requirement and pollination biology of new apple cultivars with special reference to "Carmain"*. MScAgric Studieleier: Prof KI Theron.
6. JACOBS J. *The effect of rootstocks on early production of apple and pear plantings in Western Cape*. MScAgric Studieleier: Dr NC Cook.
7. KRIEGLER L. *Prediction of post harvest quality of pear fruit*. MScAgric Studieleier: Prof KI Theron.
8. LE GRANGE M. *Effect of Kaolin application on apple fruit quality*. MScAgric Studieleier: Prof KI Theron.
9. LOMBARD C. *Fruit size improvement of Royal Gala apples*. MScAgric Studieleier: Prof KI Theron.
10. MARAIS E. *Postharvest manipulation of fruit colour in apples and pears*. MScAgric Studieleier: Dr DM Holcroft.
11. MUDAU FN. *Yield and fruit quality aspects of citrus relative to foliar sprays of macronutrients*. MScAgric Studieleier: Prof E Rabe.

12. MUDZUNGA J. *Enhancement of vegetative growth in young citrus plantings*. MSc Agric Studieleier: Prof E Rabe.
13. NIEUWoudt G. *Factors affecting flower initiation in proteas*. MScAgric Studieleier: Prof G Jacobs.
14. RABIE L. *An evaluation of the specific apple replant problem in Western Cape orchard soils using a pot test*. MScAgric Studieleier: Dr NC Cook.
15. REYNOLDS S. *Red colour improvement of Forelle, Rosemarie and Flamingo pears*. MScAgric Studieleier: Prof KI Theron.
16. SCHOE MAN SP. *Horticultural aspects relative to the open hydroponic system of irrigation and fertilization*. MScAgric Studieleier: Prof E Rabe.
17. STEPHENS AI. *Studies on the post-harvest physiology of selected fynbos cut flowers*. MScAgric Studieleier: Prof G Jacobs.
18. VAN ZYL I. *Evaluation of tree physiological parameters relative to fertigation/open hydroponics in citrus*. MScAgric Studieleier: Prof E Rabe.

LANDBOU-EKONOMIE / AGRICULTURAL ECONOMICS

Tydskrifartikels/Journal articles

1. KARAAN ASM. Bridging the small-big divide: A transaction cost approach to enterprise modelling for mussel mariculture in Saldanha Bay. *Agrekon* 1999; **38**(4): 680-692.
2. KLEYNHANS TE, COETZEE, G. The agricultural potential of Southern Africa. *Agrekon* 1999; **38**: 109-132.
3. KLEYNHANS TE, COPPIN PR, QUEEN LP. Geographical information system concepts for land management. *Development Southern Africa* 1999; **16**(3): 519-530.
4. TREGURTHA NL, VINK N. Trust and supply chain relationships: A South African case study. *Agrekon* 1999; **38**(4): 755-765.
5. TROSKIE D, VINK N. The political economy of South Africa's nine provinces. *Agrekon* 1999; **38**(4): 620-632.
6. VINK N, KIRSTEN JF. A descriptive analysis of employment trends in South African agriculture. *Agrekon* 1999; **38**(2): 204-228.

Verrigtinge internasionaal/Proceedings international

1. KARAAN ASM, TREGURTHA NL, SALIE K. *Bycatch utilisation in South Africa with specific reference to the demersal fisheries*. Report and proceedings of FAO/DFID Expert Consultation on Bycatch Utilisation in Tropical Fisheries. Beijing, China, 1998: 191-202.
2. LAUBSCHER J, (ed.). *Farm and farmer organisation for sustainable agriculture in Africa*. Proceedings of the 4th Biennial Conference of the African Farm Management Association. Stellenbosch, South Africa, 1998: 1-176.
3. LOMBARD JP. *Farm organisation for sustainability in agriculture*. Proceedings of the 4th Biennial Conference of the African Farm Management Association. Stellenbosch, South Africa, 1999: 52-58.
4. LOUW DB, LOMBARD JP. *The development of a whole-farm planning model with dynamic linear programming for the livestock-smallgrain-pasture areas of the Southern Cape*. Proceedings of the 4th Biennial Conference of the African Farm Management Association. Stellenbosch, South Africa, 1999: 59-70.
5. VAN DER SPUY AL, LAUBSCHER J. *Aspects of sustainable dairy farming in the Swartland*. Proceedings of the 4th Biennial Conference of the African Farm Management Association. Stellenbosch, South Africa, 1998: 160-176.

Referate internasionaal/Papers international

1. LOMBARD JP. *Enhancement of creativity in farm management*. 12de Internasionale Konferensie oor Boerderybestuur. Durban, Suid-Afrika, 1999.
2. MYBURGH AS. *The informal sector and its clients: Needs and challenges*. 15th Biennial International Congress of the South African Association for Food Science and Technology. Cape Town, South Africa, 1999.
3. TREGURTHA NL, VINK N. *Trust and supply chain relationships: A South African case study*. International Agribusiness Association Conference. Florence, 1999.

Referate nasionaal/Papers national

1. KARAAN ASM. *Bridging the small-big divide: A transaction cost approach to enterprise modelling for mussel mariculture in Saldanha Bay*. AEASA Conference. Club Mykonos, 1999.
2. TROSKIE D, VINK N. *The political economy of South Africa's nine provinces*. AEASA Conference. Club Mykonos, 1999.

Magister afgehandel/Master's completed

1. HORTSHEMKE O. *The implications of regional trade arrangements for the Namibian beef industry*. MComm, 1999. 177 pp. Studieleier: Prof N Vink.
2. KRABBE O. *Comparative advantage of sugar production in South Africa*. MAgric Admin, 1999. 137 pp. Studieleier: Prof N Vink.

Doktoraal lopend/Doctoral current

1. DONI TM. *The creation of sustainable rural financial services in the Eastern Cape Province*. PhD Promotor: Prof N Vink.
2. KARAAN ASM. *An agribusiness approach to economic empowerment in agriculture*. PhD Promotor: Prof N Vink.
3. ROUX AW. *The effects of trade liberalisation on the Namibian beef industry*. PhD Promotor: Prof N Vink.
4. TROSKIE DP. *Voorgestelde aanpassings vir die Landboustelsels van die Wes-Kaap Provinse*. PhD Promotor: Dr TE Kleynhans.
5. VENTER GCR. *Evaluation of financial services provision to farmers in the Free State*. PhD Promotor: Prof N Vink.
6. VILJOEN HC. *Landelike ontwikkelingskommunikasie met spesifieke verwysing na die klein- en bestaansboere as teikengroep. (Rural development communication with specific reference to small and subsistence farmers as target group)*. PhD Promotor: Prof J Laubscher.

Magister lopend/Master's current

1. DE KOCK M. *Evaluation of pasture-based dairy production*. MComm Studieleier: Prof TE Kleynhans.
2. DU TOIT CvdM. *Die internationale mededingendheid van die Suid-Afrikaanse appel- en peerbedryf*. MScAgric Studieleier: Prof J Laubscher.
3. KIRSTEN JF. *Die neem van bemarkingsbesluite deur die individuele sagtevrugteprodusent in 'n gedereguleerde markomgewing*. MAgricAdmin Studieleier: Dr AS Myburgh.
4. LÜTGE RB. *An analysis into the effectiveness of the agricultural research systems of KwaZulu-Natal and the Western Cape*. MComm Studieleier: Prof TE Kleynhans.
5. MEISSENHEIMER J. *Sisteembeskrywing van die waardeketting in die Suid-Afrikaanse wynbedryf dmrv aktiwiteitspesifikasies*. MAgricAdmin Studieleier: Prof N Vink.
6. PRETORIUS CE. *Optimization of agricultural resource use in a regional spatial context*. MScAgric Studieleier: Dr TE Kleynhans.
7. RÖRICH E. *'n Ekonomiese evaluasie van die primêre gesondheidswerker (PHW) model by voorsiening van basiese gesondheidsdienste in 'n landelike omgewing - Wellington*. MComm Studieleier: Prof N Vink.
8. SCHULZE-EHRING M. *'n Ondersoek na die haalbaarheid van familieboerdery in Suid-Afrika*. MAgricAdmin Studieleier: Prof N Vink.
9. TRUTER JL. *Ontwikkeling en evaluering van 'n model vir meganisasiebesluitneming in die wingerdboedryf*. MComm Studieleier: Dr JP Lombard.
10. TWEEDEALE DN. *The development and use of a blended, organically based fertilizer on sugar cane in the KwaZulu-Natal midlands*. MAgricAdmin Studieleier: Dr JP Lombard.
11. VAN DER SPUY AL. *Die ontwikkeling van 'n volhoubare suiwelstelsel binne die boerderystelsels van die Swartland. (The development of a sustainable dairy system within the farming systems of the Swartland)*. MScAgric Studieleier: Prof J Laubscher.
12. VAN EEDEN FJ. *Die volhoubaarheid van verskillende kleingraanproduksiestelsels in die Suid-Kaap*. MScAgric Studieleier: Prof J Laubscher.
13. VAN ROOYEN RG. *Comparative advantage of Western Cape wheat production*. MAgricAdmin Studieleier: Prof N Vink.
14. VAN ZYL P. *'n Ekonomiese evaluering van verskillende produksiestelsels by volstruisboerdery in die Oudtshoorn-omgewing*. MScAgric Studieleier: Dr JP Lombard.
15. VISSER C. *Cooperative wineries: aligning corporate and marketing strategy with market changes*. MScAgric Studieleier: Prof N Vink.
16. WRITES HJ. *'n Landbou-ontwikkelingsplan vir Eksteenskuil met spesifieke verwysing na struktuuraanpassings*. MScAgric Studieleier: Dr JP Lombard.

PLANTPATOLOGIE / PLANT PATHOLOGY

Tydskrifartikels/Journal articles

1. CAMPBELL GF, CROUS PW, LUCAS JA. *Pyrenophora teres f. maculata*, the cause of Pyrenophora leaf spot of barley in South Africa. *Mycological Research* 1999; **103**(3): 257-267.
2. COERTZE S, HOLZ G. Surface colonization, penetration and lesion formation on grapes inoculated fresh, or after cold storage with single airborne conidia of *Botrytis cinerea*. *Plant Disease* 1999; **83**(10): 917-924.
3. CROUS PW. Species of *Mycosphaerella* and related anamorphs occurring on Myrtaceae (excluding *Eucalyptus*). *Mycological Research* 1999; **103**(5): 607-621.
4. CROUS PW, BRAUN U, ALFENAS AC. Cercosporoid fungi from Brazil. 3. *Mycotaxon* 1999; **72**: 171-193.
5. CROUS PW, DENMAN S, SCOTT M. *Puccinia mesembryanthemi* causing a new disease inhibiting the growth of *Sceletium tortuosum* in South Africa. *Mycotaxon* 1999; **72**: 231-236.
6. CROUS PW, EL-GHOLL NE, WALKER SE, SCHUBERT TS. Angular leaf spot of *Saururus* caused by *Phaeoramularia saururi* comb. nov. *Mycotaxon* 1999; **72**: 7-13.
7. CROUS PW, HONG L, WINGFIELD MJ, WINGFIELD BD, KANG JC. *Uwebraunia* and *Dissoconium*, two morphologically similar anamorph genera with different teleomorph affinity. *Sydowia* 1999; **52**(2): 155-166.
8. CROUS PW, PALM ME. Reassessment of the anamorph genera *Botryodiplodia*, *Dothiorella* and *Fusicoccum*. *Sydowia* 1999; **52**(2): 167-175.
9. CROUS PW, PALM ME. Systematics of selected foliicolous fungi associated with leaf spots of Proteaceae. *Mycological Research* 1999; **103**(10): 1299-1304.
10. DENMAN S, CROUS PW, WINGFIELD MJ. A taxonomic reassessment of *Phyllachora proteae*, a leaf pathogen of Proteaceae. *Mycologia* 1999; **91**(3): 510-516.
11. HYDE KD, TAYLOR JE, FRÖHLICH J. Two new species of *Pseudohalonectria* from palms. *Mycologia* 1999; **91**(3): 520-524.
12. SCHOCH CL, CROUS PW. First report of *Cylindrocladium* root and petiole rot of *Spathiphyllum* in South Africa. *South African Journal of Botany* 1999; **65**(3): 208-211.
13. SCHOCH CL, CROUS PW, WINGFIELD BD, WINGFIELD MJ. The *Cylindrocladium candelabrum* species complex includes four distinct mating populations. *Mycologia* 1999; **91**(2): 286-298.

14. STEWART EL, LIU Z, CROUS PW, SZABO LJ. Phylogenetic relationships among some cercosporoid anamorphs of *Mycosphaerella* based on rDNA sequence analysis. *Mycological Research* 1999; **103**(11): 1491-1499.
15. SWART L, DENMAN S, LAMPRECHT SC, CROUS PW. Fusarium wilt: A new disease of cultivated Protea in Southern Africa. *Australasian Plant Pathology* 1999; **28**(2): 156-161.
16. SWART L, TAYLOR JE, CROUS PW, PERCIVAL K. *Pestalotiopsis* leaf spot disease of Proteaceae in Zimbabwe. *South African Journal of Botany* 1999; **65**(3): 239-242.
17. TAYLOR JE, CROUS PW, WINGFIELD MJ. *Batcheloromyces* species on Proteaceae in South Africa. *Mycological Research* 1999; **103**(11): 1478-1484.
18. TAYLOR JE, HYDE KD. *Cannonia* gen. nov., from palms in the Southern Hemisphere. *Mycological Research* 1999; **103**(11): 1398-1402.
19. TAYLOR JE, HYDE KD. Fungi from palms. XL. *Iodosphaeria*. *Sydowia* 1999; **51**(1): 127-132.
20. TAYLOR JE, HYDE KD, JONES EBG. Endophytic fungi associated with the temperate palm, *Trachycarpus fortunei*, within and outside its natural geographic range. *New Phytologist* 1999; **142**: 335-346.
21. VAN ZYL LM, WINGFIELD MJ, ALFENAS AC, CROUS PW. Hypovirulence detected in Brazilian isolates of *Cryphonectria cubensis*. *Plant Pathology* 1999; **48**: 267-272.

Referate internasional/Papers international

1. CROUS PW. *Delineating holomorphs in Mycosphaerella and Botryosphaeria*. XVI International Botanical Congress and Annual Meeting of the Mycological Society of America. St Louis, Missouri, 1999.
2. CROUS PW. *Morphologically delimited species and plant quarantine*. Plenary lecture in session "Species Concepts in Modern Fungal Taxonomy". International Union of Microbiological Societies. Darling Harbour, Sydney, Australia, 1999.
3. CROUS PW. *Mycosphaerella spp. on Myrtaceae*. International Union of Microbiological Societies. Darling Harbour, Sydney, Australia, 1999.
4. CROUS PW, GAMS W. *Taxonomic aspects of Phaeoacremonium and related genera*. First International Workshop on Grapevine Trunk Diseases: Esca and Grapevine Declines. Siena, Italy, 1999.
5. FOURIE PH, HOLZ G. *Infection of nectarine by single airborne conidia of Monilinia laxa*. 12th Biennial Australasian Plant Pathology Society Conference. Canberra, Australia, 1999.
6. HOLZ G. *Behaviour and infection pathways of diverse fungal pathogens on fruit*. Keynote paper in Symposium on Biodiversity and Plant Diseases. 12th Biennial Australasian Plant Pathology Society Conference. Canberra, Australia, 1999.
7. TAYLOR JE, CROUS PW, PALM M. *Fungal pathogens of cultivated Proteaceae in Hawaii and California: A first report*. International Union of Microbiological Societies. Darling Harbour, Sydney, Australia, 1999.
8. VOLKMANN AS, HOLZ G. *Biological control of Botrytis cinerea on grapevine by antagonistic micro-organisms*. 12th Biennial Australasian Plant Pathology Society Conference. Canberra, Australia, 1999.
9. ZONDO PT, DENMAN S, LABUSCHAGNE IF, LINDE C. *Evaluation of a sand-bran inoculation technique for assessment of resistance of apple seedlings to Phytophthora cactorum (Leb. & Cohn) Schroet*. The Eucarpia Symposium on Fruit Breeding and Genetics. Dresden, Germany, 1999.

Referate nasional/Papers national

1. CROUS PW, MCHAU GRA, SCHOCHE CL, KANG J, WINGFIELD BD. *Phylogenetic analysis of two Cylindrocladium species complexes based on its rDNA sequence, rDNA hybridization and general morphology*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
2. DENMAN S, BOTHA A. *Alternatives to methyl-bromide usage in the strawberry industry: A comparison between South Africa (Western Cape), Australia and California*. Tenth Soilborne Diseases Interest Group Meeting. Agricultural Research Council, Plant Protection Research Institute, Stellenbosch, 1999.
3. DENMAN S, CROUS PW, WINGFIELD MJ. *Taxonomic reassessment of Phyllachora proteae, a leaf pathogen of Proteaceae*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
4. DENMAN S, MOSS F. *Rhizoctonia solani causing dry, black root cankers of carrots in the Western Cape*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
5. DENMAN S, SADIE A. *An excised stem inoculation technique for screening Leucospermum species for resistance to Phytophthora cinnamomi*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
6. FOURIE PH, HOLZ G. *Fungicide resistance in Botrytis cinerea in table grape vineyards*. Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
7. FOURIE PH, HOLZ G. *Prepenetration processes of single dry conidia of Monilinia laxa under two wetness regimes and the infection of nectarine fruit*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
8. GROENEWALD M, DENMAN S, CROUS PW. *Screening Phaeomoniella chlamydospora against twelve fungicides to determine base-line sensitivity*. Annual Congress of South African Society of Enology and Viticulture. Somerset West, 1999.
9. GÜTSCHOW M, HOLZ G. *Resistance to Botrytis cinerea in morphological parts of a selected table and wine grape cultivar*. Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
10. HALLEEN F, HOLZ G. *Grapevine powdery mildew: Epidemiology and management of fungicide resistance*. Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
11. HALLEEN F, HOLZ G. *Reduced sensitivity of grapevine powdery mildew (*Uncinula necator*) to triazole fungicides*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
12. HOLZ G, CROUS PW, GÜTSCHOW M, VOLKMAN AS, GROENEWALD M, HALLEEN F, MOSTERT L, FOURIE PH, FREDERICKS C, DU PREEZ IF. *Research on grapevine diseases*. Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
13. KANG JC, CROUS PW, SCHOCHE CL. *Species delimitation in the Cylindrocladium spathiphylli and floridanum complexes*. The Inaugural Conference of the South African Systematic Society. Stellenbosch, 1999.
14. MCLEOD A, DENMAN S, DENNER FDN. *The current status of late blight in South Africa*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.

15. MCLEOD A, DENMAN S, SADIE A, DENNER FDN. *Sensitivity of South African isolates of Phytophthora infestans to metalaxyl*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
16. MOSTERT L, CROUS PW, HOLZ G, PETRINI O. *Endophytic fungi associated with shoots and leaves of Vitis vinifera with special reference to the Phomopsis viticola complex*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
17. MOSTERT L, DENMAN S, CROUS PW. *In vitro screening of fungicides against Phomopsis viticola*. Annual Congress of South African Society of Enology and Viticulture. Somerset West, 1999.
18. ROBBERTSE B, LENNOX C, CROUS PW. *Effect of tebuconazole in planta on the fitness of Rhynchosporium secalis strains differing in sensitivity to tebuconazole in vitro*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
19. SCHOCH CL, CROUS PW. *The costs and advantages of sex in an ascomycetous fungus*, Cylindrocladium pauciramosum. The Inaugural Conference of the South African Systematic Society. Stellenbosch, 1999.
20. SMITH H, WINGFIELD MJ, COUTINHO TA, CROUS PW. *Relative susceptibility of northern and southern provenances of Pinus gregii to post-hail associated Sphaeropsis sapinea die-back*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
21. SMITH H, WINGFIELD MJ, DE WET J, COUTINHO TA, CROUS PW. *Genotypic diversity of Sphaeropsis sapinea from South Africa and Indonesia*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
22. SWART L, DENMAN S, LAMPRECHT SC, CROUS PW. *Fusarium wilt of proteas*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.
23. TAYLOR JE, CROUS PW. *Recent developments in Ascomycete systematics, with case studies of fungal pathogens from Proteaceae*. The Inaugural Conference of the South African Systematic Society. Stellenbosch, 1999.
24. VOLKMANN AS, HOLZ G. *Biological control of Botrytis cinerea on grapevine by antagonistic micro-organisms*. Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 1999.
25. ZONDO PT, LINDE C, DENMAN S, LABUSCHAGNE IF. *Screening apple rootstocks for resistance against Phytophthora cactorum*. Annual Congress of the Southern African Society for Plant Pathology. Pietermaritzburg, 1999.

Magister afgehandel/Master's completed

1. HALLEEN F. *Resistance in Oidium tuckeri to triazole fungicides* MScAgric, 1999. 90 pp. Studieleier/medestudieleier: Prof G Holz/dr JHS Ferreira.
2. KHOZA PK. *Genetic diversity of Xanthomonas campestris pathovar pruni causing bacterial spot of stone fruit*. MScAgric, 1999. 94 pp. Studieleier/medestudieleier: Dr EL Mansveldt/prof G Holz.
3. SERDANI M. *Pre- and postharvest colonization of apple fruit by fungi, with special reference to Alternaria species*. MScAgric, 1999. 81 pp. Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
4. SWART L. *Pathogens associated with diseases of Protea, Leucospermum and Leucadendron*. MScAgric, 1999. 183 pp. Studieleier: Prof PW Crous.

Doktoraal lopend/Doctoral current

1. CAMPBELL GF. *Genetics of pathogenicity in Pyrenophora spp. causing leaf diseases of barley*. PhD (Agric) Promotor/medepromotor: Prof PW Crous/prof JA Lucas.
2. DENMAN S. *Botryosphaeria diseases of Proteaceae*. PhD (Agric) Promotor/medepromotor: Prof PW Crous/prof MJ Wingfield.
3. FOURIE PH. *Integrated control of the Monilinia laxa/Botrytis cinerea complex on stone fruit*. PhD (Agric) Promotor: Prof G Holz.
4. ROBBERTSE B. *Characterization, pathogenicity and fungicide sensitivity of the South African Rhynchosporium secalis population*. PhD (Agric) Promotor/medepromotor: Prof PW Crous/dr CL Lennox.
5. SCHOCH CL. *Phylogenetic relationships and population dynamics of Calonectria scoparia*. PhD (Agric) Promotor/medepromotors: Prof PW Crous/proff MJ Wingfield, B Wingfield.
6. SCHREUDER W. *Characterization and pathogenicity of South African isolates of Fusarium oxysporum f. sp. melonis*. PhD (Agric) Promotor/medepromotor: Prof G Holz/dr SC Lamprecht.

Magister lopend/Master's current

1. BOTHA A. *Diseases of strawberries in the Western Cape, South Africa*. MScAgric Studieleier/medestudieleiers: Me S Denman/prof PW Crous, dr SC Lamprecht.
2. DU PREEZ IF. *Infection pathways of Botrytis cinerea on selected wine grape cultivars*. MScAgric Studieleier: Prof G Holz.
3. FREDERICKS C. *Efficacy of fungicides against Botrytis cinerea on different parts of grape bunches*. MScAgric Studieleier: Prof G Holz.
4. GROENEWALD M. *Phaeoacremonium wilt of grapevine*. MScAgric Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
5. GÜTSCHOW M. *Resistance to Botrytis cinerea in parts of a selected wine and table grape cultivar*. MScAgric Studieleier: Prof G Holz.
6. MOSTERT L. *The characterization and control of Phomopsis cane and leaf spot on vine*. MScAgric Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
7. VAN KRALINGEN H. *Characterisation of Alternaria black rot of Citrus spp*. MScAgric Studieleier: Prof PW Crous.
8. VOLKMANN A. *Suppression of Botrytis cinerea by antagonists in living, moribund and dead grapevine tissue*. MScAgric Studieleier: Prof G Holz.
9. ZONDO PT. *An investigation of variability in aggressiveness of Phytophthora cactorum isolates used in screening for resistance in apple rootstocks*. MScAgric Studieleier/medestudieleier: Me S Denman/mnr IF Labuschagne.

VEEKUNDIGE WETENSKAPPE / ANIMAL SCIENCES

Tydskrifartikels/Journal articles

1. BRAND TS, FRANCK F, DURAND A, COETZEE J. The intake and nutritional status of sheep grazing wheat stubble. *Small Ruminant Research* 1999; **1835**: 1-10.
2. BRAND TS, FRANCK F, DURAND A, COETZEE J. Intake and production of ewes grazing oat stubble supplemented with sweet lupin (*Lupinus albus*) seed. *Small Ruminant Research* 1997; **26**: 93-103.
3. FERREIRA AV, VAN DER MERWE HJ, LOËST CA. Amino acid requirements of South African Mutton Merino lambs. 3) Duodenal and whole empty body essential amino acid profile. *South African Journal of Animal Science* 1999; **29**: 40-47.
4. FERREIRA AV, VAN DER MERWE HJ, LOËST CA, FAIR MD. Amino acid requirements of South African Mutton Merino lambs. 2) Essential amino acid composition of the whole empty body. *South African Journal of Animal Science* 1999; **29**: 27-39.
5. LOËST CA, FERREIRA AV, VAN DER MERWE HJ, FAIR MD. Amino acid requirements of South African Mutton Merino lambs. 1) Duodenal and carcass essential amino acid profile. *South African Journal of Animal Science* 1999; **29**: 15-26.
6. LOURENS A, ERASMUS GJ, SCHOEMAN SJ, VAN WYK JB, NESER FWC, STEYN MG. Evaluation of pelt traits in Karakul sheep applying linear and threshold models. *South African Journal of Animal Science* 1999; **29**: 11-14.
7. MEESKE R, BASSON HM, CRUYWAGEN CW. The effect of a lactic acid bacterial inoculant on the fermentation dynamics, intake and digestibility of *Digitaria eriantha* silage. *Animal Feed Science and Technology* 1999; **81**: 237-248.
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Verrigtinge internasionaal/Proceedings international

1. CLOETE SWP, COETZEE J, SCHOEMAN SJ, MORRIS J, TEN HOOP E JM. *Production parameters for Merino, Döhne Merino and South African Mutton Merino sheep*. Proceedings of the Association for the Advancement of Animal Breeding and Genetics. Mandurah, Western Australia, 1999; **13**: 181-184.

Verrigtinge nasionaal/Proceedings national

1. FERREIRA AV, HOFFMAN LC. *Meat production potential of the Grey Duiker*. Proceedings of the 37th Congress of the Wildlife Management Association of South Africa. George, 1999: 7.
2. FERREIRA AV, NOLTE JvanE, KOSTR HH. *An evaluation of different levels of rumen degradable protein on intake and utilization of wheat straw by Döhne Merino sheep*. Proceedings of the 37th Congress of the South African Society of Animal Scientists. Pretoria, 1999: 12.
3. FISHER PP, HOFFMAN LC, FERREIRA AV. *Meat quality of old (±8 yrs) ostrich breeding birds*. Proceedings of the 37th Congress of the South African Society of Animal Scientists. Pretoria, 1999: 13.
4. HOFFMAN LC, BIGALKE R. *Utilizing wild ungulates from southern Africa for meat production: Potential research requirements for the new millennium*. Proceedings of the 37th Congress of the Wildlife Management Association of South Africa. Pretoria, 1999: 7.
5. HOFFMAN LC, FISHER PP, FERRERIA AV. *The effect of road conditions on the incidence of PSSSE in pork*. Proceedings of the 37th Congress of the South African Society of Animal Scientists. Pretoria, 1999: 15.
6. SCHOEMAN SJ. *Breeding progress and perspectives for the new millennium*. Proceedings of the 37th National Congress of the South Africa Society of Animal Science. Pretoria, 1999: 9-15.
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2. CRUYWAGEN CW, STRICKLAND N, LATSKY R. *A comparison between Holstein and Jersey cows in rumen digestibility of roughages*. 94th Annual Congress of the American Dairy Science Association. Memphis, USA, 1999.
3. SALIE K, HOFFMAN LC, BRINK D, VAN ROEY L. *Small-scale fish farming in the Western Cape Province, South Africa: An analysis of technical and socio-economic outputs*. World Aquaculture. Australia, 1999.
4. SALIE K, HOFFMAN LC, BRINK D, VAN ROEY L. *Sustainable use of existing irrigation water bodies by means of aquaculture in South Africa: Monitoring and evaluation of water quality*. World Aquaculture. Australia, 1999.
5. SCHOEMAN SJ, JORDAAN GF. *Direct and maternal (co)variances in multitrait analysis in a multibreed beef cattle herd*. 50th Annual Meeting of the European Association for Animal Production. Zurich, Switzerland, 1999.

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1. BRANDT DA, BRAND TS, CRUYWAGEN CW. *The chemical composition and energy content (poultry) of different legume species (Lupins, field peas, Faba beans and Narbon beans)*. 37ste Jaarlikse Kongres van die Suid-Afrikaanse Vereniging vir Veeekunde. Pretoria, 1999.

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1. MOELICH E. *Sensory and objective meat quality characteristics of pork from three halothane genotypes*. MScAgric, 1999. 108 pp. Studieleier/medestudieleier: Dr LC Hoffman/mnre EA Botha, PJ Conradie.
2. UPTON E. *Development and evaluation of polymer coated urea as a potential slow-release urea supplement for ruminants*. MScAgric, 1999. 92 pp. Studieleier/medestudieleier: Dr J Coetzee (Voermol Voere)/dr CW Cruywagen, prof RD Sanderson.
3. VAN DER RIJST DJ. *Voorkoming van hipokalsemie en geboorteverwante probleme by weidende ooie wat graanaanvulling ontvang*. MScAgric, 1999. 122 pp. Studieleier: Dr CW Cruywagen.

Doktoraal lopend/Doctoral current

1. MEESKE R. *The effect of inoculants on silage fermentation properties and on animal production*. PhD (Agric) Promotor: Dr CW Cruywagen.
2. WEIDEMAN H. *A genetic analysis of exercise induced bleeding disorder in race horses*. PhD (Agric) Promotor: Prof SJ Schoeman.

Magister lopend/Master's current

1. BURGER W. *Die invloed van die degraderbaarheid van proteïenbron op die benutting van laagraadse ruvoer deur jong skape*. MScAgric Studieleier: Dr CW Cruywagen.
2. COETZEE GJM. *Improving the nutritional value of broiler meat through increased omega-3 fatty acid and vitamin E content*. MScAgric Studieleier/medestudieleier: Dr LC Hoffman/prof JP Hayes.
3. HOLTHAUSEN L. *Die invloed van proteïendegradearbaarheid in aanvangs- en afrondingsdiëte van kalwers wat vir kalfsvleis grootgemaak word*. MScAgric Studieleier: Dr CW Cruywagen.
4. LATEGAN E. *Die invloed van proteïendegradearbaarheid en die insluiting van 'n rumen-inerte vetbron in kalwerdiëte op die biologiese prestasie van kalwers*. MScAgric Studieleier: Dr CW Cruywagen.
5. LATSKY S. *Die invloed van melkbeesras op die rumenverteerbaarheid van hoë- en laagraadse ruvoere*. MScAgric Studieleier: Dr CW Cruywagen.
6. MLOLWA MR. *Application of hazard analysis critical control (HACCP) in improving the global competitiveness of the fish industry with special reference to the Nile perch (Tanzania)*. MScAgric Studieleier/medestudieleier: Dr LC Hoffman/mnr ASM Karaan.
7. NOLTE JvanE. *An evaluation of different levels of degradable intake protein and non-protein nitrogen on intake and digestion by Döhne Merino sheep fed wheat straw*. MScAgric Studieleier: Dr AV Ferreira.
8. SKRYPZECK H. *Crossbreeding parameters in a beef cattle crossbreeding experiment*. MScAgric Studieleier: Prof SJ Schoeman.
9. STRICKLAND N. *Faktore wat melkproduksie by Fries- en Jerseykoeie beïnvloed*. MScAgric Studieleier/medestudieleier: Prof SJ Schoeman/dr CW Cruywagen.
10. VAN DER WESTHUYSEN RJ. *The influence of breed composition on categorical and continuous reproductive traits in beef cattle*. MScAgric Studieleier: Prof SJ Schoeman.

VOEDSELWETENSKAP / FOOD SCIENCE

Tydskrifartikels/Journal articles

1. DU TOIT J, JOUBERT E. Optimization of the fermentation parameters of honeybush tea (*Cylopia*). *Journal of Food Quality* 1999; **22**: 241-256.
2. DU TOIT J, JOUBERT E, BRITZ TJ. Identification of microbial contaminants present during the curing of honeybush tea (*Cylopia*). *Journal of the Science of Food and Agriculture* 1999; **79**: 1-5.
3. MANLEY M, NEL MM. Investigation of the suitability of Western and Southern Cape wheat flour for production of traditional South African steamed bread. *South African Journal of Plant and Soil* 1999; **16**(3): 135-142.
4. OPPERMANN WJ, FOURIE JF, SANDERSON RD, BRITZ TJ. A monolithic device for in-packaging SO₂ generation for the control of postharvest *Botrytis* decay of table grapes. *Journal of Food Quality* 1999; **22**: 427-438.
5. RONQUEST L-C, BRITZ TJ. Influence of lower substrate pH and retention time on the efficiency of a UASB bioreactor treating winery waste water. *South African Journal of Enology and Viticulture* 1999; **29**(1): 35-41.
6. SIGGE GO, HANSMANN CF, JOUBERT E. Optimizing the dehydration conditions of green bell peppers (*Capsicum annuum* L): Quality criteria. *Journal of Food Quality* 1999; **22**: 439-452.

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1. VAN ZYL A, THERON L, MANLEY M, JOUBERT E. *The measuring of clingstone peach quality using Fourier transform near infrared (FT-NIR) spectroscopy*. 10th World Congress of Food Science and Technology. Sydney, Australia, 1999.

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1. BRITZ TJ. *Beyond 2000: Are we prepared for the new impacts?* The Ernest Newbery Lecture. 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
2. BRITZ TJ. *Enhancement of granule growth in batch systems during carbon source variations.* Workshop on Granulation. African International Environmental Protection Symposium and 4th SA Anaerobic Digestion Symposium. Pietermaritzburg, 1999.
3. BRITZ TJ, RONQUEST L-C. *Influence of different granule seeding on the start-up efficiency of a lab-scale UASB bioreactor treating winery wastewater.* Workshop on Granulation. African International Environmental Protection Symposium and 4th Southern African Anaerobic Symposium. Pietermaritzburg, 1999.
4. BRITZ TJ, RONQUEST L-C. *Treatment of low pH cellar effluents at shorter retention times using an UASB bioreactor.* 23rd South African Society of Enology and Viticulture. Somerset West, 1999.
5. BRITZ TJ, ROOS P. *Enhancement of granule in batch systems during carbon source variations.* Workshop on Granulation. African International Environmental Protection Symposium and 4th SA Anaerobic Digestion Symposium. Pietermaritzburg, 1999.
6. BRITZ TJ, TRNOVEC W, FOURIE PC. *Influence of shorter hydraulic times and different reactor effluent pH values on the performance of a 50-L UASB bioreactor while treating canning waste waters.* Workshop on Granulation. African International Environmental Protection Symposium and 4th SA Anaerobic Digestion Symposium. Pietermaritzburg, 1999.
7. ERWEE A, HANSMANN CF, JOUBERT E. *Water activity and moisture sorption isotherms for the dried fruit industry.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
8. HUBBE ME, JOUBERT E. *Antioxidant activity of honeybush tea (*Cyclopia-spp*): Superoxide radical scavenging ability.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
9. HUBBE ME, JOUBERT E. *Hydrogen-donating ability of honeybush tea (*Cyclopia intermedia*).* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
10. JOUBERT E, WINTERTON P, BRITZ TJ. *Evaluation of the pro-oxidant and antioxidant activities of rooibos tea (*Aspalathus linearis*).* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
11. JOUBERT H, BRITZ TJ. *Influence of environmental factors on the production of extracellular polysaccharides by propionibacteria.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
12. LUBBE B, BRITZ TJ, JOUBERT JJ. *Isolation and characterization of microbial populations in fermented fish samples from Thailand.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
13. O'KENNEDY OD, BRITZ TJ. *Organic loading rate optimisation of a UAGB bioreactor operated on distillery effluent.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
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15. SCHOEVERS A, BRITZ TJ. *Influence of different incubation temperatures on kefir grain biomass increase.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
16. SIGGE GO, BRITZ TJ, BARNARDT CA, STRYDOM R. *Use of ozone and hydrogen peroxide as a post-treatment step to UAGB treated alkaline fruit cannery effluent.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
17. VAN WYK J, BRITZ TJ. *Evaluation of HPLC method of Vitamin B₁₂ detection in food.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.
18. VAN ZYL A, MANLEY M, WOLF EEH. *The application of Fourier transform near infrared (FT-NIR) spectroscopy in the South African wine industry.* 23rd South African Society for Enology and Viticulture. Somerset West, 1999.
19. VAN ZYL A, THERON L, MANLEY M, JOUBERT E. *The determination of internal quality of peaches using Fourier transform near infrared (FT-NIR) spectroscopy.* 15th Biennial International Congress and Exhibition of the South African Association for Food Science and Technology. Cape Town, 1999.

Navorsingsverslag/Research report

1. BRITZ TJ, TRNOVEC W, VAN SCHALKWYK C, ROOS P. *Enhanced granulation in upflow anaerobic sludge-bed digesters (UASB) by process induction and microbial stimulation.* WNK, 1999. 116 pp.

Magister afgehandel/Master's completed

1. RONQUEST L-C. *UASB efficiency enhancement during the treatment of cellar effluents.* MScVoedselwet cum laude, 1999. 126 pp. Studieleier: Prof TJ Britz.
2. STANDLEY L. *Natural bio-antimutagenic activity of Rooibos tea (*Aspalathus linearis*) as expressed by the Ames, Toxi-Chromo and SOS-Chromo tests.* MScVoedselwet, 1999. 110 pp. Studieleiers/medestudieleiers: Prof TJ Britz, dr E Joubert (Infruitec)/drs M Manley, W Gelderblom (MRI).
3. VAN SCHALKWYK C. *Identification and characterization of surface layers on *Propionibacterium jensenii* and *P. freudenreichii* subspecies *shermanii*.* MSc cum laude, 1999. 106 pp. Studieleier/medestudieleier: Prof TJ Britz/prof P Swart.
4. WINTERTON P. *Antioxidant activity of Rooibos tea (*Aspalathus linearis*) in model and radical generating systems.* MScVoedselwet cum laude, 1999. 167 pp. Studieleier/ medestudieleier: Dr E Joubert/prof TJ Britz.

Doktoraal lopend/Doctoral current

1. DOLLY L. *Evaluation of bacteriocin activity in the genus Propionibacterium*. PhD Promotor/medepromotor: Prof TJ Britz/prof LMT Dicks.
2. OPPERMAN WO. *Packaging technology for export grapes*. PhD Promotor/medepromotor: Prof RD Sanderson/prof TJ Britz.
3. SIGGE GO. *Biological treatment of lye effluents from the canning industry*. PhD Promotor/medepromotor: Prof TJ Britz/prof PC Fourie.
4. VAN SCHALKWYK C. *Microbial kinetics of the granulation process*. PhD Promotor: Prof TJ Britz.
5. VAN WYK GG. *Probiotic effects by Propionibacterium cultures used as starters in fermented foods*. PhD Promotor: Prof TJ Britz.

Magister lopend/Master's current

1. ARENDSE G. *Selection and metabolic characterization of mesophytic starter cultures for optimizing the sensory attributes of fruit-flavoured Maas*. MScVoedselwet Studieleier: Prof TJ Britz.
2. CALEFATO J. *Optimization of Kefir biomass and metabolite production in conjunction with sensory evaluation*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr JF Mostert.
3. CAMERON M. *Stabilization of metabolite production after the application of carbon stress during the granulation process*. MScVoedselwet Studieleier: Prof TJ Britz.
4. CILLIERS A. *Shelf-life evaluation of mass cultured Kefir grains*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr RC Withuhn.
5. ENGELBRECHT S. *Monitoring and control of hurdle parameters during the production of intermediate moisture fruit*. MScVoedselwet Studieleier/medestudieleiers: Prof TJ Britz/drs RC Withuhn, E Joubert (Infruitec).
6. ERWEE A. *Processing and control during the production of intermediate moisture fruits*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert/dr CF Hansmann, prof TJ Britz.
7. FOURIE E. *Ondersoek na die effek van streek, gisras en askorbiensuur op 4-metiel-4-merkaptopenant-2-foon konsentrasie in Sauvignon blanc wyn*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr J Marais (Nietvoorbij).
8. HUBBE M. *Evaluation of antioxidant and free radical scavenging activites of honeybush tea (Cyclopia)*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert (Infruitec)/proff TJ Britz, J-HS Hofmeyer.
9. JOUBERT H. *Optimization of Propionibacterial ECP production and the influence of Propionibacteria on the UASB granulation process*. MScVoedselwet Studieleier: Prof TJ Britz.
10. KRITZINGER M. *Drying of pineapple, mango and banana slices*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr H Botha.
11. LLOYD R. *Anaerobic digestion applications in the treatment of gelatin-manufacturing effluents*. MSc Studieleier/medestudieleier: Dr M van der Merwe/prof TJ Britz.
12. LUBBE T. *Characterization and utilization of microbes in the production of fish sauce and paste*. MScVoedselwet Studieleier/medestudieleiers: Prof TJ Britz/prof JJ Joubert, mnr DS Basson.
13. O'KENNEDY O. *Application of biogranules in the anaerobic treatment of distillery effluent*. MScVoedselwet Studieleier: Prof TJ Britz.
14. RÜGHEIMER S. *Potential oil crops in Namibia*. MScVoedselwet Studieleier/medestudieleier: Mnr DS Basson/mnr C Wibbelmann.
15. SCHEEPERS S. *Evaluation of compounds from rooibos tea as microbial inhibitors*. MScVoedselwet Studieleier/medestudieleiers: Prof TJ Britz/drs RC Withuhn, E Joubert.
16. SCHOE MAN T. *Use of CHEF technology to identify Propionibacterium strains*. MSc Voedselwet Studieleier/medestudieleier: Dr RC Withuhn/prof TJ Britz.
17. SCHOEVERS A. *Mass cultivation and activity of Kefir grains*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr M Manley.
18. SPENGLER CJ. *Morphological and biochemical characterization of microbial populations during the fermentation of Nouc Nam*. MScVoedselwet Studieleier/medestudieleier: Dr RC Withuhn/prof TJ Britz.
19. UYS RCB. *The benefits of the Hazard Analysis Critical Control Point (HACCP) system in the fishing industry*. MScVoedselwet Studieleier/medestudieleier: Mnr DS Basson/ prof TJ Britz.
20. VAN WYK J. *Commercialization of Kefir*. MScVoedselwet Studieleier/medestudieleiers: Prof TJ Britz/drs A Myburgh, M Manley.
21. VAN ZYL A. *Application of Fourier transform near infrared (FT-NIR) in the wine and brandy industries*. MScVoedselwet Studieleier/medestudieleier: Dr M Manley/mnr EEH Wolf.
22. VAN ZYL L. *The bread wheat hardness scenario in the Western and Southern Cape: Introducing the particle size index (PSI) method and Fourier transform near infrared (FT-NIR) spectroscopy calibrations*. MScVoedselwet Studieleier/medestudieleier Dr M Manley/dr BG Osborne.

WINGERD- EN WYNKUNDE / VITICULTURE AND OENOLOGY

Referate internasional/Papers international

1. ARCHER E. *The influence of vine spacing on the root development and water utilisation*. 50th Annual Meeting of the Amercian Society for Enology and Viticulture. Reno, Nevada, USA, 1999.
2. DU TOIT M, DU TOIT W, ELLIS LP, LAMBRECHTS MG. *Acetic acid bacteria present in South African red wine fermentations and their characteristics*. International Conference of the International Committee on Food Microbiology and Hygiene. Veldhoven, The Netherlands, 1999.
3. LAMBRECHTS MG, DU TOIT W, ELLIS LP. *The occurrence and characterisation of acetic acid bacteria in commercial red wine fermentations*. 6th International Oenological Symposium. Bordeaux, France, 1999.

Referate nasionaal/Papers national

1. DU TOIT WJ, ELLIS LP, LAMBRECHTS MG. *Die voorkoms en effekte van asynsuurbakterieë tydens wynbereiding.* Kongres van die Suid-Afrikaanse Wingerd- en Wynkundevereniging. Somerset-Wes, 1999.
2. VAN RENSBURG P, STRAUSS MLA, LAMBRECHTS MG, JOLLY NP, PRETORIUS IS. *Sifting van nie-Saccharomyces wyngiste vir die teenwoordigheid van extra-sellulêre hidrolitiese ensieme.* Kongres van die Suid-Afrikaanse Wingerd- en Wynkundevereniging. Somerset-Wes, 1999.

Doktoraal lopend/Doctoral current

1. DE VILLIERS FS. *Die invloed van omgewingsfaktore op druiif- en wynkomponente.* PhD Promotor: Prof E Archer.
2. ELLIS LP. *Identifikasierring van die kritiese aromaverbindings in Suid-Afrikaanse brandewyn en faktore betrokke by die ontwikkeling daarvan.* PhD Promotor: Prof CJ van Wyk.
3. MACNAMARA K. *The maturation of whiskey.* PhD Promotor: Prof CJ van Wyk.

Magister lopend/Master's current

1. CAREY VA. *Spacial characterisation of preliminary terroir units in the Bottelary Berg-Simonsberg-Helderberg wine growing area.* MSc Studieleier: Prof E Archer.
2. DU TOIT WJ. *Sources of acetic and other fatty acids and their role in sluggish and stuck red wine fermentations.* MSc Studieleier: Mnr LP Ellis.
3. FOURIE BA. *Die invloed van die vattipe en ander faktore op die samestelling en kwaliteit van rooiwyne.* MSc Studieleier: Mnr LP Ellis.
4. ROGERS IM. *Some aroma compounds of importance to the quality of Ferdinand de Lesseps and Kerner wines.* MSc Studieleier/medestudieleier: Prof CJ van Wyk/prof PG Goussard.

INSTITUUT VIR WYNBIOTEGNOLOGIE / INSTITUTE FOR WINE BIOTECHNOLOGY

Tydskrifartikels/Journal articles

1. GAGIANO M, VAN DYK D, BAUER FF, LAMBRECHTS MG, PRETORIUS IS. Divergent regulation of the evolutionary closely related promoters of the *Saccharomyces cerevisiae STA2* and *MUC1* genes. *Journal of Bacteriology* 1999; **181**: 6497-6508.
2. GAGIANO M, VAN DYK D, BAUER FF, LAMBRECHTS MG, PRETORIUS IS. *Msn1p/ Mss10p, Mss11p and Muc1p* are part of a signal transduction pathway downstream of *Mep2p* regulating invasive growth and pseudohyphal differentiation in *Saccharomyces cerevisiae*. *Molecular Microbiology* 1999; **31**: 103-116.
3. PRETORIUS IS, VAN DER WESTHUIZEN TJ, AUGUSTYN OPH. The importance of yeast biodiversity in South African vineyards and wineries. *South African Journal of Enology and Viticulture* 1999; **20**(2): 61-74.
4. SCHOEMAN H, VIVIER MA, DU TOIT M, DICKS LMT, PRETORIUS IS. The development of bactericidal yeast strains by expressing the *Pediococcus acidilactici* pediocin gene (*pedA*) in *Saccharomyces cerevisiae*. *Yeast* 1999; **15**: 647-656.
5. VAN DER WESTHUIZEN TJ, AUGUSTYN OPH, PRETORIUS IS. The value of long-chain fatty acid analysis, randomly amplified polymorphic DNA and electrophoretic karyotyping for the characterization of wine yeast strains. *South African Journal for Enology and Viticulture* 1999; **20**: 3-10.
6. VIVIER MA, SOLLITI P, PRETORIUS IS. Functional analysis of multiple AUG codons in the transcripts of *STA2* glucoamylase gene from *Saccharomyces cerevisiae*. *Molecular and General Genetics* 1999; **261**: 11-20.

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1. DE VILLIERS M, LAMBRECHTS MG, PRETORIUS IS. *The effect of yeast alcohol acetyltransferase activity on the sensorial quality of wine and brandy.* Sixth International Oenological Symposium. Bordeaux, France, 1999: 320-324.
2. LAMBRECHTS MG, DU TOIT W, ELLIS LP. *Characterization of acetic acid bacteria in red wine fermentations.* Sixth International Oenological Symposium. Bordeaux, France, 1999: 242-246.
3. PRETORIUS IS, SCHOEMAN H, DU TOIT M, VIVIER MA, DICKS LMT. *Engineering wine yeast strains with antimicrobial acitivity.* Sixth International Oenological Symposium. Bordeaux, France, 1999: 340-345.

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1. BAUER FF, PRETORIUS IS. *Pseudohyphal and invasive growth in yeast.* Ninth European Congress on Biotechnology. Brussels, Belgium, 1999.
2. DU TOIT M, DU PLESSIS HW, STEGER CLC, LAMBRECHTS MG, PRETORIUS IS. *Lactic acid bacteria and their effect on brandy base wine.* Seventeenth International Conference of the International Committee on Food Microbiology and Hygiene. Veldhoven, The Netherlands, 1999.
3. DU TOIT M, DU TOIT W, LAMBRECHTS MG, ELLIS LP. *Acetic acid bacteria present in South African red wine fermentations and their characteristic.* Seventeenth International Conference of the International Committee on Food Microbiology and Hygiene. Veldhoven, The Netherlands, 1999.

4. DU TOIT M, SCHOEMAN H, VIVIER MA, DICKS LMT, HASTINGS JW, PRETORIUS IS. *A yeast with antimicrobial activity as possible alternative to chemical preservatives*. Seventeenth International Conference of the International Committee on Food Microbiology and Hygiene. Veldhoven, The Netherlands, 1999.
5. GAGIANO M, VAN DYK D, BAUER FF, PRETORIUS IS. *The transcriptional regulation of the MUC1/FLO11 genes of Saccharomyces cerevisiae*. Nineteenth International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
6. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. *Genetic engineering of the yeast Saccharomyces cerevisiae to degrade xylan*. IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, South Africa, 1999.
7. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. *Genetic engineering of the yeast Saccharomyces cerevisiae to degrade xylan*. Ninth International Congress of Mycology of the International Union of Microbiological Societies (IUMS). Sydney, Australia, 1999.
8. LAMBRECHTS MG, DE VILLIERS M, PRETORIUS IS. *The effect of yeast alcohol acetyltransferase activity on the sensorial quality of wine and brandy*. Nineteenth International Conference on Yeast Genetics and Molecular Biology. Rimini, Italy, 1999.
9. LAMBRECHTS MG, DE VILLIERS M, PRETORIUS IS. *The effect of yeast alcohol acetyltransferase activity on the sensorial quality of wine and brandy*. Sixth International Oenological Symposium. Bordeaux, France, 1999.
10. LAMBRECHTS MG, DE VILLIERS M, PRETORIUS IS. *The effect of yeast alcohol acetyltransferase activity on the sensorial quality of wine and brandy*. Twenty-fourth International Wine Congress. Mainz, Germany, 1999.
11. LAMBRECHTS MG, DU PLESSIS HW, STEGER CLC, DU TOIT M, PRETORIUS IS. *The occurrence and influence of lactic acid bacteria on the quality of brandy base wine*. Twenty-fourth International Wine Congress. Mainz, Germany, 1999.
12. PETERSEN SH, PRETORIUS IS, VAN ZYL WH. *Development of a polysaccharide degrading strain of Saccharomyces cerevisiae*. IEA Bioenergy Workshop: Biotechnology for the Conversion of Lignocellulose. Itala Game Reserve, KwaZulu-Natal, South Africa, 1999.
13. PETERSEN SH, PRETORIUS IS, VAN ZYL WH. *Development of a polysaccharide degrading strain of Saccharomyces cerevisiae*. Ninth International Congress of Mycology of the International Union of Microbiological Societies (IUMS). Sydney, Australia, 1999.
14. PRETORIUS IS. *Development of wine with antimicrobial activity and the responsible handling of genetically modified wine yeast strains*. International Symposium on Wine Microbiology and Polyphenols. Santiago, Chile, 1999.
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16. PRETORIUS IS. *Gene technology in winemaking: Potential and limits*. GMO Symposium of the OIV. Paris, France, 1999.
17. PRETORIUS IS. *Innovations and other initiatives in a dynamic South African wine industry*. International Symposium on Wine Microbiology and Polyphenols. Santiago, Chile, 1999.
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20. PRETORIUS IS, SCHOEMAN H, DU TOIT M, VIVIER MA, DICKS LMT. *Engineering wine yeast strains with antimicrobial activity*. Sixth International Oenological Symposium. Bordeaux, France, 1999.
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1. DE ASCENSAO A, VIVIER MA, PRETORIUS IS. *The cloning and characterisation of the gene encoding the polygalacturonase-inhibiting protein (PGIP) from *Vitis vinifera**. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
2. DU TOIT W, LAMBRECHTS MG, ELLIS LP. *Die isolasie, identifikasie en karakterisering van asynsurbakterieë in Suid-Afrikaanse rooiwyn-fermentasies*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
3. ESTERHUIZEN R, VIVIER MA, BOTHA FC, PRETORIUS IS. *Manipulation of grapevine sugar metabolism*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
4. FREEBOROUGH M-J, BURGER JT, PRETORIUS IS. *A new approach for the control of grapevine leafroll disease*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
5. JOLLY NP, PRETORIUS IS. *The distribution of non-Saccharomyces yeast strains in four production areas of the Western Cape*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
6. JOUBERT DA, VIVIER MA, PRETORIUS IS. *A grapevine transformation system derived from an indigenous pathogenic *Agrobacterium vitis* strain*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
7. LAMBRECHTS MG, DU PLESSIS HW, STEGER CLC, DU TOIT M, DICKS LMT, PRETORIUS IS. *Occurrence and characterization of lactic acid bacteria in base wines for brandy making*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.

8. VAN RENSBURG P, STRAUSS MLA, LAMBRECHTS MG, JOLLY NP, PRETORIUS IS. *Screening of non-Saccharomyces wine yeast for the presence of extracellular hydrolytic enzymes*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.
9. YOUNG PR, VIVIER MA, PRETORIUS IS. *Sequence analysis of a β -carotene hydroxylase from Vitis vinifera*. Twenty-third Conference of the SA Society for Enology and Viticulture. Cape Town, 1999.

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1. LA GRANGE DC. *Genetic engineering of the yeast Saccharomyces cerevisiae to degrade xylan*. PhD, 1999. 249 pp. Promotor/meedepromotor: Prof WH van Zyl/prof IS Pretorius.
2. VAN DER WESTHUIZEN TJ. *Characterization and evaluation of indigenous Saccharomyces cerevisiae strains isolated from South African vineyards*. PhD, 1999. 67 pp. Promotor: Prof IS Pretorius.

Magister afgehandel/Master's completed

1. KHAN W. *Geographical distribution, characterization and evaluation of Saccharomyces cerevisiae strains isolated from South African vineyards in the warmer, inland regions of the Western Cape*. MSc, 1999. 84 pp. Studieleier/meestudieleier: Prof IS Pretorius/dr MG Lambrechts.
2. VERSTREPEN K. *Controlled expression of flocculation genes in Saccharomyces cerevisiae*. MSc, 1999. 111 pp. Studieleier/meestudieleier: Prof C Michiels/prof IS Pretorius.

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1. BERTHELS N. *Development of Saccharomyces cerevisiae with antifungal activity*. PhD Promotor: Prof IS Pretorius.
2. D'AGUANNO VS. *Yeast as biological control agent*. PhD Promotor: Prof IS Pretorius.
3. DE ASCENSAO A. *Cloning and characterization of the polygalacturonase inhibiting protein (PGIP) gene from grapevine*. PhD. Promotor/meedepromotors: Prof IS Pretorius/ dr MA Vivier en prof DU Bellstedt.
4. ESTERHUIZEN R. *Transformation of grapevine (*Vitis vinifera L.*) with a yeast-derived invertase (SUC2) targeted to either the cytoplasm, vacuole or apoplast*. PhD Promotor/ medepromotors: Dr MA Vivier/proff IS Pretorius en FC Botha.
5. FELIX JV. *Expression of the chicken lysozyme gene in Saccharomyces cerevisiae*. PhD Promotor/meedepromotors: Prof IS Pretorius/drs MG Lambrechts en M du Toit.
6. FREEBOROUGH M-J. *A pathogen-derived resistance strategy for the broad spectrum control of grapevine leafroll-associated virus infection*. PhD Promotor/meedepromotor: Prof IS Pretorius/dr JT Burger.
7. GAGIANO M. *Molecular characterisation of *Mss11p*, a transcriptional activator of the Saccharomyces cerevisiae *MUC1* and *STA1-3* genes*. PhD Promotor/meedepromotors: Prof IS Pretorius/drs FF Bauer en MG Lambrechts.
8. GOVENDER P. *Industrial yeast strains engineered for controlled flocculation*. PhD Promotor/meedepromotors: Prof IS Pretorius/drs FF Bauer, MG Lambrechts, AS Guphar.
9. JOLLY NF. *Characterization, evaluation and use of non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor: Prof IS Pretorius.
10. LILLY M. *Cloning and characterization of genes involved in ester synthesis by the yeast Saccharomyces cerevisiae*. PhD Promotor/meedepromotors: Dr MG Lambrechts/ prof IS Pretorius en dr FF Bauer.
11. NIEUWOUDT HH. *Genetic manipulation of wine yeasts to increase glycerol production*. PhD Promotor/meedepromotors: Prof BA Prior/dr FF Bauer en prof IS Pretorius.
12. SCHOMAN H. *Detection and monitoring growth behaviour of genetically modified yeasts within microbial vineyard populations*. PhD Promotor/meedepromotors: Dr G Wolfaardt/prof IS Pretorius, dr P van Rensburg en prof M Grossman.
13. STEGER CLC. *The influence of base wine composition and wood maturation on the quality of South African brandy, as determined by neural network technology*. PhD Promotor/meedepromotor: Dr MG Lambrechts/prof IS Pretorius.
14. VERSTREPEN K. *Co-regulation of flocculation and ester synthesis in Saccharomyces cerevisiae*. PhD Promotor/meedepromotor: Prof C Michiels/prof IS Pretorius.
15. YOUNG PR. *Cloning and characterization of a β -carotene hydroxylase gene from Vitis vinifera*. PhD Promotor/meedepromotor: Dr MA Vivier/prof IS Pretorius.

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1. ARMSTRONG GO. *The production of resveratrol by wine yeast*. MSc Studieleier/ meestudieleiers: Prof IS Pretorius/drs MG Lambrechts, MA Vivier.
2. BAYLY JC. *Isolation, identification and characterization of lactic acid bacteria in red wine fermentations*. MSc Studieleier/meestudieleier: Dr MG Lambrechts/prof IS Pretorius.
3. BECKER JW. *The co-integration of a polygalacturonase-inhibiting and stilbene-syntase gene into tobacco and grapevine – the effect on *Botrytis* infection*. MSc Studieleier/meestudieleiers: Dr MA Vivier/prof IS Pretorius, dr H Du Plessis.
4. BESTER MC. *Cellular localization of *Mss11p* and *Flo8p* using GFP fusion proteins*. MSc Studieleier/meestudieleier: Prof IS Pretorius/dr FF Bauer.
5. CARSTENS M. *The expression of a chitinase gene from Saccharomyces cerevisiae in tobacco and grapevine plants as a possible PR-protein*. MSc Studieleier/meestudieleiers: Dr MA Vivier/prof IS Pretorius, dr P van Rensburg.
6. CORRANS JL. *Development of vector systems for commercial wine yeasts*. MSc Studieleier/meestudieleiers: Dr MG Lambrechts/prof IS Pretorius, drs MA Vivier, R Dorrington.

7. DE BEER A. *The expression of an antifungal peptide with activity against Botrytis in tobacco and grapevine plants.* MSc Studieleier/medestudieleiers: Dr MA Vivier/proff IS Pretorius, JW Hastings.
8. DOMINGO JL. *Molecular analysis of MUC2.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
9. DU PLESSIS HW. *The occurrence of malolactic fermentation (MLF) in rebate wines and its influence on brandy quality.* MSc Studieleier/medestudieleiers: Dr MG Lambrechts/prof IS Pretorius, dr M du Toit.
10. DU TOIT C. *The evaluation of bacteriocins and enzymes in wine conditions.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs P van Rensburg, M du Toit.
11. DU TOIT W. *Sources of acetic and other fatty acids and their role in sluggish and stuck red wine fermentations.* MSc Studieleier/medestudieleier: Mnr LP Ellis/dr MG Lambrechts.
12. EKSTEEN J. *Molecular cloning and expression of raw-starch degrading α -amylase genes of Lipomyces kononenkoae, Endomyces fibuliger and Schwanniomyces occidentalis in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr P van Rensburg.
13. FARMER JM. *The effect of indigenous and commercial yeasts on urea levels in South African wines.* MSc Studieleier/medestudieleiers: Dr MG Lambrechts/prof IS Pretorius, mnr NF Jolly.
14. FONT-SALA C. *Cloning and analysis of genes encoding proteins associated with carnitine metabolism.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
15. FUNDIRA M. *Optimization of fermentation processes for the production of indigenous fruit wines.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius, dr M Blom.
16. HANSSON GR. *Molecular analysis of MSS12, a Saccharomyces cerevisiae gene involved in starch metabolism.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs FF Bauer, MG Lambrechts.
17. JOUBERT A. *Development of an Agrobacterium vitis transformation system for grapevine.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr MA Vivier.
18. LA GRANGE-NEL K. *Characterization and improvement of whisky yeast.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs P van Rensburg, MG Lambrechts, M du Toit, mnr Q Willemse.
19. MALHERBE DF. *Overexpression of the apple PGIP gene in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs P van Rensburg, M du Toit.
20. MARAIS EM. *The expression of yeast glucanase genes in tobacco and grapevine plants as possible pathogenesis-related proteins.* MSc Studieleier/medestudieleiers: Dr MA Vivier/prof IS Pretorius, dr P van Rensburg.
21. MARITZ A. *Cloning of the phenolic acid decarboxylase and p-coumaric acid decarboxylase genes in Saccharomyces cerevisiae to improve aroma formation in wine.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius, dr MG Lambrechts.
22. MINNAAR J. *Determining the factors causing random oxidation of South African table wines.* MSc Studieleier/medestudieleiers: Dr MG Lambrechts/mnr LP Ellis, prof IS Pretorius.
23. MOGASHOA MM. *Construction and expression of a polysaccharase gene cassette in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Prof IS Pretorius/mnr J Crouse.
24. MULLER CA. *Monitoring the spreading of commercial wine yeasts in vineyards.* MSc Studieleier/medestudieleiers: Dr MG Lambrechts/prof IS Pretorius, dr P van Rensburg.
25. POTGIETER N. *Development of wine yeast secreting aroma-liberating enzymes.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr P van Rensburg.
26. STANLEY LCJ. *Accelerated wine yeast autolysis.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr MG Lambrechts.
27. STIDWELL TG. *The use of enzymes for increased aroma formation in wine.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs P van Rensburg, MG Lambrechts.
28. STRAUSS MLA. *The transformation of wine yeasts with glucanase, xylanase and pectinase genes for improved clarification and filterability of wine.* MSc Studieleier/ medestudieleiers: Prof IS Pretorius/drs P van Rensburg, MG Lambrechts.
29. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
30. VAN DYK D. *Genetic analysis of signal transduction pathways: The regulation of invasive growth and starch degradation in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr FF Bauer.

FAKULTEIT REGSGELEERDHEID

FACULTY OF LAW

HANDELSREG / MERCANTILE LAW

Tydskrifartikels/Journal articles

1. BUTLER D. 'n Maatskappy se nuwe statutêre bevoegdheid om sy eie aandele te verkry: 'n Vertrekpunt. *Stellenbosch Law Review* 1999; **10**(3): 284-302.
2. DUPPER OC, GARBERS C. The provision of benefits to and discrimination against same-sex couples. *Industrial Law Journal* 1999; **20**(April): 772-807.
3. FOURIE JSA. Educational problems and legal transformation in South Africa. *Verfassung und Recht in Übersee* 1999; **32**(4): 543-553.
4. HUGO CF. Countermanding payment of a bank cheque: A brief note. *Stellenbosch Law Review* 1999; **10**(2): 226-231.
5. HUGO CF. The United Nations Convention on the International Sale of Goods: Its scope of application from a South African perspective. *SA Mercantile Law Journal* 1999; **11**(1): 1-27.
6. HUGO CF, MOSTERT FJ. Risk factors and general exclusions of motor vehicle insurance: Empirical and legal perspectives. *Management Dynamics: Contemporary Research* 1998; **7**(3): 35-58.
7. KLOPPERS PW. Judicial management – a corporate rescue mechanism in need of reform. *Stellenbosch Law Review* 1999; **10**(3): 417-435.
8. LOURENS M. An overview of the regimes governing the carriage of goods by sea. *Stellenbosch Law Review* 1998; **10**(2): 244-250.
9. LOURENS M. The issue of "arbitrability" in the context of international commercial arbitration. (Part 1). *SA Mercantile Law Journal* 1999; **11**(3): 363-383.
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11. ZIMMERMANN R, SUTHERLAND PJ. "A true science and not a feigned one" JG Kotze (1849-1940), Chief Justice der Südafrikanischen Republik (Transvaal) Zeitschrift der Savigny. *Stiftung für Rechtsgeschichte* 1999; **116**: 147-194.

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1. HUGO CF. *The civil law and its contribution to commercial law: Perspectives from a mixed jurisdiction*. Australian National University Commercial Law Conference. Canberra, Australia, 1999.

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1. BUTLER DW. *The proposed new International Arbitration Act: A contribution to the African renaissance?* SLTSA Conference. Bloemfontein, 1999.
2. BUTLER DW. *The South African Law Commission's Proposals for a New International Arbitration Act for South Africa to implement the UNCITRAL Model Law*. Conference on UNCITRAL Instruments in Southern Africa. Johannesburg, 1999.
3. DUPPER OC. *Maternity benefits and family support in South Africa*. Seminar on Social Security in South Africa. Pretoria, 1999.
4. HUGO CF. *Countermanding payment of a bank cheque*. SLTSA Conference. Bloemfontein, 1999.
5. HUGO CF. *Premature payment of deferred payment credits*. SLTSA Conference. Bloemfontein, 1999.
6. HUGO CF. *The United Nations Convention on the International Sale of Goods: Its scope of application from a South African perspective*. Conference on UNCITRAL Instruments in Southern Africa. Johannesburg, 1999.
7. OOSTHUIZEN PG, KLOPPERS PW. *The attractiveness of the standard scheme (as a compromise or arrangement in terms of section 311 of the Companies Act) in view of the tax consequences of the scheme*. Derde Jaarlikse Handelsregkonferensie. Stellenbosch, 1999.

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1. BOLANI E, DUPPER OC, MALHERBE K, SHIPMAN B. Family Support. In: Olivier M, Okpaluba MC, Smit N, Thompson M, (eds). *Social Security Law: General Principles*. Butterworths, 1999: 249-279.
2. SUTHERLAND PJ. Freedom of trade, occupation and profession. In: De Waal J, Currie I, Erasmus G, (eds). *The Bill of Rights Handbook*. Juta, 1999: 261-374.

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1. BUTLER DW. *Domestic arbitration*. Discussion Paper 83, Suid-Afrikaanse Regskommissie, 1999. 95 pp.
2. SUTHERLAND PJ. *Strategies for an effective insider trading regime*. Raad op Finansiële Dienste, 1999. 105 pp.

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1. KRAMMIG A. *The law relating to the supervision of Banks: A comparison between Federal Republic of Germany and the Republic of South Africa*. LLM, 1999. 190 pp. Studieleier/medestudieier: Prof CF Hugo/mnr J de Waal.
2. ÖZTÜRK I. *German and South African strike law: A comparison perspective*. LLM, 1999. 130 pp. Studieleier: Dr OC Dupper.

Doktoraal lopend/Doctoral current

1. DE VILLE EM. *'n Regsvergelykende ondersoek na die verwatering van geregistreerde handelsmerke*. LLD Promotor/medepromotor: Prof C Visser/prof DW Butler.
2. LOURENS M. *The regimes governing the carriage of goods by sea: A suggested approach for South Africa*. LLD Promotor/medepromotor: Prof H Staniland/prof CF Hugo.

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1. AFFLERBACH K. *The quest for effective arbitration: new developments in Germany and South Africa*. LLM Studieleier: Prof DW Butler.
2. BASTEK S. *The Double Taxation Agreement between South Africa and Germany and its Influence on German economic activities in South Africa*. LLM Studieleier: Mnr PG Oosthuizen.
3. ITAL EG. *Copyright Law and the Internet - In modern South African law*. LLM Studieleier: Me EM de Ville.
4. KLOPPERS PW. *Judicial management as a technique for corporate rescue - a comparison with English and Australian Law*. LLM Studieleier: Prof DW Butler.

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Tydskrifartikels/Journal articles

1. DE WAAL MJ. The liability of co-trustees for breach of trust. *Stellenbosch Law Review/Regstydskrif* 1999; **10**(1): 21-35.
2. DE WAAL MJ. Numerus clausus and the development of new real rights in South African law. *Electronic Journal of Comparative Law* 1999; **3**(3): 1-12.
3. DE WAAL MJ. Die strekwydte van trustees se beleggingsbevoegdheid: Administrators, Estate Richards v Nichol and Another 1999 **1 SA 551** (HHA). *Tydskrif vir die Suid-Afrikaanse Reg* 1999; (2): 370-378.
4. DU PLESSIS JE. Some thoughts on consideration. *Stellenbosch Law Review/Regstydskrif* 1999; **10**(1): 110-116.
5. DU PLESSIS W, OLIVIER N, PIENAAR J. Land issues: an assessment of the failures and successes. *SA Publiekreg* 1999; **14**(1): 240-270.
6. DU PLESSIS W, OLIVIER N, PIENAAR J. Stortvloed van maatreëls poog orde en stabilitet – Utopia? *SA Publiekreg* 1999; **14**(1): 222-240.
7. ERASMUS HJ. Civil procedural reform – modern trends. *Stellenbosch Law Review/ Regstydskrif* 1999; **10**(1): 3-20.
8. ERASMUS HJ. Rules board. *Consultus* 1999; **12**(1): 29-30.
9. LOUBSER MM, SWART D. Electronic money in South African law. *Stellenbosch Law Review/Regstydskrif* 1999; **10**(3): 354-369.
10. LUBBE GF. Law of purchase and sale. *Annual Survey of South African Law* 1997: 208-223.
11. LUBBE GF, VAN DER MERWE S. Apportionment of loss in contractual claims for damages at common law. *Stellenbosch Law Review/Regstydskrif* 1999; **10**(2): 141-157.
12. PIENAAR J, MULLER A. The impact of the Prevention of Illegal Eviction from and Unlawful Occupation of Land Act 19 of 1998 on homelessness and unlawful occupation within the present statutory framework. *Stellenbosch Law Review/Regstydskrif* 1999; **10**(3): 370-396.
13. VAN DER MERWE CG. Amendments to the management rules of a sectional title scheme introduced by GN 1442 of 31 October 1997. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 1999; **62**(1): 137-143.
14. VAN DER MERWE CG. The Louisiana right to forced passage compared with the South African way of necessity. *Tulane Law Review* 1999; **73**(4): 1363-1413.

15. VAN DER MERWE CG. Sectional-title courts as an alternative to arbitration for the settlement of disputes in a sectional-title scheme. *South African Law Journal* 1999; **116**(3): 624-641.
16. VAN DER MERWE CG, ERASMUS HJ. The enforcement of the obligations of sectional owners in a sectional title scheme. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 1999; **62**(2): 259-271.
17. VAN DER MERWE CG, PIENAAR JM. Law of property (including real security). *Annual Survey of South African Law* 1997: 280-331.
18. VAN DER MERWE CG, SMITH LD. Financing the purchase of stock by the transfer of ownership as security: A simulated transaction? *Stellenbosch Law Review/Regstrydskrif* 1999; **10**(3): 303-327.

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2. VAN DER MERWE CG. *Is apartment ownership genuine ownership?* Proceedings of the Contemporary Issues in Property Law Conference. Reading, Engeland, 1998; *Property Law: Current Issues and Debates*, Ashgate 1999: 87-100.

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1. DE VOS WL. *The challenge of information society: Application of advanced technologies in civil litigation and other procedures*. Xith World Congress on Procedural Law. Vienna, Austria, 1999.
2. DE WAAL MJ. *The uniformity of ownership, numerus clausus and the reception of the trust into South African law*. Congress on Trusts in Mixed Legal Systems. Utrecht, The Netherlands, 1999.
3. DU PLESSIS JE. *Fraud, duress and unjustified enrichment: A civilian perspective*. Congress on the Comparative Law of Unjustified Enrichment. Cambridge, England, 1999.
4. HUMAN CS. *The challenge of customary law in the implementation of children's rights in South Africa*. Australasian Law Teachers Association Conference. Wellington, New Zealand, 1999.
5. HUMAN CS. *Implementing the UN Convention on the rights of the child in South Africa*. Child and Family Policy Conference. Dunedin, New Zealand, 1999.

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1. VAN DER MERWE CG. *Sectional Titles, Share Blocks and Time-sharing. Volume I: Sectional Titles*. Derde uitgawe, Butterworths, 1999. 220 pp.

Magister afgehandel/Master's completed

1. LAING MR. *Price adaptation and the requirement of certainty with specific reference to the contract of sale*. LLM cum laude, 1999. 212 pp. Studieleier: Prof GF Lubbe.

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1. DU TOIT F. *Testeervryheid in die Suid-Afrikaanse reg in die lig van 'n menseregtehandves*. LLD Promotor: Prof MJ de Waal.
2. MOSTERT H. *Accommodating the traditional concept of landownership (property rights) in view of recent developments in property law and land reform tendencies in South Africa*. LLD Promotor/medepromotor: Prof CG van der Merwe/prof JM Pienaar.
3. NAUDÉ T. *Contracts of preference*. LLD Promotor: Prof GF Lubbe.
4. OLIVIER PJ. *Die grondslag van kontraktuele gebondenheid*. LLD Promotor: Prof GF Lubbe.

Magister lopend/Master's current

1. BRUWER E. *Kontraksluiting deur middel van aanbod en aanname: 'n Regsvergelykende perspektief*. LLM Studieleier: Prof GF Lubbe.
2. JACOBS J. *The limited scope of the UNCITRAL Model Law on electronic commerce: the consumer question*. LLM Studieleier: Prof GF Lubbe.
3. LOUBSER M. *Skuld as vereiste vir kontrakbreuk*. LLM Studieleier: Prof GF Lubbe.
4. SWART D. *Electronic money in South African law*. LLM Studieleier: Prof MM Loubsen.
5. VON ALVENSLEBEN PCU. *The influence of fundamental change of circumstances on contracts in German, English, South African and French law*. LLM Studieleier: Prof GF Lubbe.

PUBLIEKREG / PUBLIC LAW

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- BUCKINGHAM JE. Religious freedom and wine sales on Sundays. [A case comment on S v Lawrence, S v Negal, S v Solberg 1997 10 BCLR 1348 (CC), 1997 4 SA 1176 (CC)]. *Stellenbosse Regstydskrif* 1999; **10**(1): 117-125.
- DE WAAL HJ. Revitalising the Freedom Right? De Lange v Smuts NO. *South African Journal on Human Rights* 1999; **15**(2): 217-233.
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5. DAMSELL WE. *The constructive development of a Bible College curriculum in a situation of change.* DTh Promotor: Prof BA Müller.
6. ESAU ME. *The influence of atonement theories on God-images in the experience of sexually abused women.* DTh Promotor: Prof DJ Louw.
7. GRAINGER JT. *A pastoral assessment of a systems approach in premarital counselling within the context of disadvantaged communities.* DTh Promotor: Prof DJ Louw.
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15. KANG GS. *Redefining church leadership in the postmodern Korean context.* DTh Promotor: Prof HJ Hendriks.
16. KIM CH. *The significance of prophetic preaching.* DTh Promotor: Prof BA Müller.
17. KIM NS. *The witness and growth of the Korean Presbyterian Church under Japanese colonial rule.* DTh Promotor: Prof CM Pauw.
18. KIM SS. *Preaching in a marginal situation of change.* DTh Promotor: Prof BA Müller.
19. KOMBO JO. *The doctrine of God in contemporary African Christian thought: An evaluation of the extent to which the African Christian thought is trinitarian.* DTh Promotor/medepromotor: Prof PF Theron/prof CM Pauw.
20. LEONARD B. *A practical theological evaluation of the gift of administration as observed in the congregational churches in the Western Cape.* DTh Promotor (by UWK): Prof HJ Hendriks.
21. MARAIS F. *Identiteit en transformasie by R Niebuhr.* DTh Promotor: Prof BA Müller.
22. MATHAM SW. *The Evangelical Alliance Mission: An evaluative study of its discipling ministry among coloured people in Swaziland and South Africa.* DTh Promotor: Prof CM Pauw.
23. MOROFF Y. *The position of women in African culture and its effect on their Christian identity and spirituality.* DTh Promotor: Prof DJ Louw.
24. MUSEMBI B. *Christian mission in a changing society - an evaluative study of the church in Kenya.* DTh Promotor: Prof CM Pauw.
25. MUTINDA POK. *Discipleship as strategy for a value-based community life within the Kenyan context.* DTh Promotor: Prof HJ Hendriks.
26. MUTUMBURANZOU AR. *The growth of the Reformed Church in Zimbabwe from 1974-1994.* DTh Promotor/medepromotor: Prof P Coertzen/prof CM Pauw.
27. MUUNGANI KV. *The doctrine of the justification of faith from an African perspective.* DTh Promotor/medepromotor: Prof PF Theron/prof CM Pauw.
28. NOPECE ND. *The interface between Pauline Theology and Xhosa Traditional Religion amongst the Amaqwathi with reference to baptism and confirmation.* DTh Promotor: Prof CM Pauw.
29. PARKER A. *Towards heterogeneous churches in South Africa: Transitional processes in Seventh-Day Adventist Churches in South Africa.* DTh Promotor: Prof HJ Hendriks.
30. PLAATJES CW. *Revisioning the denominational ethos and administrative structures of the Seventh Day Adventist Church in South Africa.* DTh Promotor: Prof HJ Hendriks.
31. RABE NG. *Geen tegnologie in skeppingsperspektief: 'n Pastorale-etiese beoordeling.* DTh Promotor: Prof DJ Louw.
32. RUNYOWA W. *Evangelism as a holistic ministry in the congregations of the Reformed Church in Zimbabwe.* DTh Promotor: Prof HJ Hendriks.
33. RUTORO R. *The development of lay leadership in the Reformed Church in Zimbabwe.* DTh Promotor: Prof HJ Hendriks.
34. SHIM YK. *Pastoral care and counselling to children within the cultural context of the Korean church.* DTh Promotor: Prof DJ Louw.
35. TAYLOR J-A. *Incarnational spirituality as counselling method related to individuals with eating disorders.* DTh Promotor: Prof DJ Louw.
36. THESNAAR CH. *Pastorale terapie binne die transformasieprosesse van die Suider-Afrikaanse lewensbestel.* DTh Promotor: Prof DJ Louw.
37. VAN DEVENTER GJ. *Die funksie van die huisgesin van God metafoor vir 'n prakties-teologiese ekklesiologie.* DTh Promotor: Prof HJ Hendriks.

38. VAN HEERDEN HJG. *The healing power of positive thinking in pastoral care*. DTh Promotor: Prof DJ Louw.
39. VAN WYK SW. *Narrative poëtiek in die prediking van Brueggemann*. DTh Promotor: Prof BA Müller.
40. WIID W. *Teologiese opleiding vir kerkleiers in Afrika, met spesifieke verwysing na Mosambiek*. DTh Promotor: Prof CM Pauw.

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1. BRUINJIES AJ. *Konflikhantering in huwelikspastoraat binne 'n multikulturele samelewingsverband*. MTh Studieleier: Prof DJ Louw.
2. DIAOSONAMA B. *Pastoral counselling in an African context*. MTh Studieleier: Prof DJ Louw.
3. ERASMUS JC. *An analysis of the 1996 Population Census data on religious affiliation, denominational membership trends 1911-1996*. MTh Studieleier: Prof HJ Hendriks.
4. KLOPPERS JS. *'n Evaluering van die antropologie grondliggend aan "The divine plumbline"-kursus met die oog op "innerlike genesing" by lidmate*. MTh Studieleier: Prof DJ Louw.
5. KOTZE JJ. *Dialoog as missiologiese instrument vir 'n diverse Suid-Afrikaanse konteks*. MTh Studieleier: Prof CM Pauw.
6. LEE SH. *Preaching in the Korean situation of change*. MTh Studieleier: Prof BA Müller.
7. LEE SJ. *Christocentric preaching in the mode of selfconfession*. MTh Studieleier: Prof BA Müller.
8. MIN S-Y. *Theology in pastoral care and counselling*. MTh Studieleier: Prof DJ Louw.
9. MOUTON J. *'n Vergelykende ondersoek na die opleidingsmodel en praktyk van verskillende selkerk-bedieningstrukture*. MTh Studieleier: Prof HJ Hendriks.
10. MOUTON JC. *'n Ondersoek na lidmate se belewing van die selkerk-bedieningstruktuur*. MTh Studieleier: Prof HJ Hendriks.
11. NEL RW. *Van sendingobjek tot missionêre gemeente - 'n ondersoek na die selfverstaan van die Rynse Sendinggemeente, Stellenbosch binne 'n veranderende missionêre paradigma*. MTh Studieleier: Prof CM Pauw.
12. REINECKE CJ. *Paradigmaverskuiwings in die plaaslike gemeente: Die invloed van 'n veranderende heilsbegrip op die missionêre motivering van lidmate*. MTh Studieleier: Prof CM Pauw.
13. ROGERS S. *Health, the neglected aspect of pastoral care*. MTh Studieleier: Prof DJ Louw.
14. SEOCK KO. *A model for an integrated Korean Urban Harbour Mission*. MTh Studieleier: Prof CM Pauw.
15. SON CM. *Empirical research within a hermeneutical approach in practical theology*. MTh Studieleier: Prof DJ Louw.
16. SWANEPOEL PA. *Die invloed van postmodernisme op die teorievorming in die pastorale teologie*. MTh Studieleier: Prof DJ Louw.
17. TRUTER D. *The quest for a dispositional ethics in pastoral care*. MTh Studieleier: Prof DJ Louw.
18. YOO BC. *Narrative preaching in Asian culture*. MTh Studieleier: Prof BA Müller.

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2. COERTZEN P. Die vereistes vir Regsbeskerming in die Kerk. *Studia Historiae Ecclesiasticae* 1999; **XXV**(1): 42-56.
3. DU TOIT SF. Public discourse, Theology and the TRC: A Theological Appreciation of the South African Truth and Reconciliation Commission. *Literature & Theology* 1999; **13**(4): 340-358.
4. DU TOIT SF. Reconciliation in South Africa: Can truth help us? *Journal of Theology for Southern Africa* 1999; (103): 49-63.
5. DU TOIT SF. Revelation or Revelation? Barth and Postmodernism. *The Heythrop Journal* 1999; **XL**(1): 1-18.
6. SMIT DJ. Modernity and Theological Education: Crises at 'Western Cape' and 'Stellenbosch'? *Journal of African Christian Thought* 1999; **2**(1): 34-44.
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8. THERON F. Blooming or bleeding? The "South African dream" in the light of eschatological peace. *Nederduitse Gereformeerde Teologiese Tydskrif* 1999; **XXXX**(3+4): 324-337.

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2. SMIT DJ. *A Biblical Orientation: Truth, confession and forgiveness?* Consultation on Truth and Reconciliation, jointly organised by EFSA with the Berlin Evangelical Academy and the Berliner Missionswerk (BMW). Berlin, Germany, 1999.
3. SMIT DJ. *Can we still be Reformed? Questions from a South African perspective*. Internationale Konferensie, gereël deur die Center of Theological Inquiry, Princeton en die Internationals Wissenschaftsforum der Universität Heidelberg. Heidelberg, Duitsland, 1999.
4. SMIT DJ. *The Confession of Belhar*. Synod of the Samen op Weg-Churches. Lunteren, The Netherlands, 1999.
5. THERON PF. *Die aktualiteit van die kritiese teologie van Noordmans vir die kerkstryd in Suid-Afrika*. Rijksuniversiteit, Leiden, 1999.
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3. SMIT DJ. *Ecclesiology and Ethics – on the Threshold of a new Millennium*. A Master's Course in Christian Studies with H Russel Botman. University of Port Elizabeth, 1999.
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8. SMIT DJ. *Social transformation and confessing the faith? Karl Barth's view on confession revisited*. Interdisciplinary Colloquium on Social Transformation and Biblical Interpretation. University of Stellenbosch, 1999.
9. SMIT DJ. *A time for confession? On the WARC project 'Reformed faith and economic justice'*. Annual Meeting of the Theological Society of Southern Africa. Hartebeespoortdam, Universiteit van Pretoria, 1999.
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1. HAUS RF. *Carl Hugo Gutsche (1843-1926) The Significance of His Life and Ministry for the Baptist Churches and missions in Southern Africa*. DTh Promotor: Prof P Coertzen.
2. MUTUMBURANZOU AR. *A historical perspective on the Reformed Church of Zimbabwe 1891-1988*. DTh Promotor: Prof P Coertzen.
3. SONG CI. *A theological-ethical study of the relationship between eco-justice and economic growth in the context of the social transformation of modern Korea*. DTh Promotor: Prof DA du Toit.

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1. CHEONG IT. *Christian economic ethics in modern Korea*. DTh Promotor: Prof DA du Toit.
2. CILLIERS AP. *Die wisselwerking tussen Godsbeskouing en die sosio-ekonomiese konteks in Suid-Afrika*. DTh Promotor: Prof PF Theron.
3. COMPAAN AL. *Kreatiewe Pluralismes? 'n Kritiese analise van Michael Welker se "postmoderne teologiese ontwerp"*. DTh Promotor: Prof DJ Smit.
4. DICKS NS. *Gereformeerde Kerkreg en die Gemeentelike bediening van die leraar*. DTh Promotor: Prof P Coertzen.
5. GAVERA JP. *The theology of Hendrikus Berkhof – an analysis of a design of a modern theology of mediation*. DTh Promotor: Prof PF Theron.
6. HODNETT GD. *Ontology and New Being: a study of the relationship between creation and redemption in the theology of AA van Ruler and Paul Tillich*. DTh Promotor: Prof PF Theron.
7. KOMBO JO. *The doctrine of God in contemporary African Christian thought: an evaluation of the extent to which African Christian thought is trinitarian*. DTh Promotor: Prof PF Theron.
8. KROHN JB. *Knowing the Triune God: The central theme of Calvin's Theology?* DTh Promotor: Prof P Coertzen.
9. MOUTON JF. *Herlewings in die Nederduitse Gereformeerde Kerk 1849-1863. 'n Ekklesiologiese ondersoek na die aard, omvang en invloed daarvan*. DTh Promotor: Prof P Coertzen.
10. MUUNGANI K. *The doctrine of justification by faith from an African perspective*. DTh Promotor: Prof PF Theron.
11. SONG CI. *The relationship between affluency and social justice in a situation of transformation*. DTh Promotor: Prof DA du Toit.
12. SONG T-H. *The implications of an incarnational model for the church as an ethical community*. DTh Promotor: Prof DA du Toit.
13. SWART FJ. *Kerk en Onderwys. 'n Kerkregtelike studie van artikel 69 van die Kerkorde (1982) van die Nederduitse Gereformeerde Kerk*. DTh Promotor: Prof P Coertzen.
14. TYLER C. *The recovery of the Reformed Faith in the English speaking churches in South Africa*. DTh Promotor: Prof P Coertzen.
15. XAPILE SP. *The quest for unity between the Bantu Presbyterian Church and the Presbyterian Church of South Africa since 1959*. DTh Promotor: Prof P Coertzen.

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1. BURGER CW. Erediens in Gereformeerde styl. *Praktiese Teologie in Suid-Afrika* 1999; 14(1): 1-22.
2. VAN DER MERWE MAV. Die eenheid van die eksegetiese proses - 'n retoriiese hulp. *Nederduitse Gereformeerde Teologiese Tydskrif* 1999; 40(1 en 2): 153-161.

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2. MARAIS JF, SIMPSON NW, VAN DER WALT P, (reds.). *Leesrooster vir lidmate: Jaar B*. Buxton, 1999. 122 pp.
3. NELL I, MEYER O, BOTHA JG, (reds.). *Preekstudies met liturgiese voorstelle gebaseer op die Leesrooster vir lidmate: Jaar B*. Buxton, 1999. 321 pp.
4. ORSMOND E, DU TOIT N, (reds.). *Riglyne vir kategese gebaseer op die Leesrooster vir lidmate: Jaar A*. Buxton, 1999. 172 pp. (2 Volumes)
5. VAN DER MERWE MAV, (red.). *Riglyne vir kleingroepbyeenkomste gebaseer op die Leesrooster vir lidmate: Jaar A*. Buxton, 1999. 130 pp. (5 Volumes)

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1. VAN DER MERWE MAV. Elf Riglyne vir kleingroepbyeenkomste. In: Van der Merwe MAV, (red.). *Riglyne vir kleingroepbyeenkomste gebaseer op die Leesrooster: Jaar A*. Buxton, 1999: 130 pp. (5 Volumes)

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1. VAN DER MERWE MAV. *Visitasie en Ringsvorms*. Sinode-agenda, NG Kerk in SA, 1999: 123-126.

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FACULTY OF ECONOMIC AND MANAGEMENT SCIENCES

BEDRYFSIELKUNDE / INDUSTRIAL PSYCHOLOGY

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1. ENGELBRECHT AS, ERASMUS RG, SIVASUBRAMANIAM N. Strategic human resource management and organizational performance; testing a typology of fit. *Journal of Industrial Psychology* 1999; **25**(3): 18-22.
2. ENGELBRECHT AS, ERASMUS RG, SIVASUBRAMANIAM N. Validating a typology of fit between strategic human resource management and organizational performance. *Management Dynamics: Contemporary Research* 1999; **8**(2): 40-47.
3. KOTZE ME, DUVENHAGE A. An early career in the military: A developmental-contextual perspective. *Journal of Industrial Psychology* 1999; **25**(2): 28-35.
4. THERON CC. The effect of a joint correction for the attenuating effect of criterion unreliability and Case 1 restriction of range on expected criterion performance and the conditional probability of success. *Educational and Psychological Measurement* 1999; **59**(5): 787-803.

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1. SIVASUBRAMANIAM N, VENKATARATNAM CS, ENGELBRECHT AS. *Impact of strategic human resource management on firm performance: evidence from India and South Africa*. 19th Annual International Conference of the Strategic Management Society. Berlin, 1999.
2. SPANGENBERG HH, SCHRODER H, DUVENAGE A, THERON CC. *Adapting a leadership questionnaire for South African managers*. Sixth European Congress of Psychology. Rome, 1999.

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1. ERASMUS RG, ENGELBRECHT AS, SIVASUBRAMANIAM N. *Strategic human resource management and organizational performance: a typology of fit*. Bedryfsielkundekongres. Pretoria, 1999.
2. VISSER EM, DU PREEZ R, VAN AARDT AM. *Apparel shopping orientation: Two decades of research*. South African Association of Family Ecology and Consumer Sciences National Congress. Potchefstroom, 1999.

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1. RUITERS RR. *The memory for a twice-presented television advertisement in the presence of competing brands: Its implications for purchase intentions*. PhD, 1999. 449 pp. Promotor: Prof JB du Toit.
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1. BARTLETT W. *Die invloed van die implementering van 'n totale gehaltebestuurmodel op organisasieverbondenheid, werksbetrokkenheid en organisasiedoeltreffendheid*. MEcon, 1999. 159 pp. Studieleier: Prof AS Engelbrecht.
2. LORDAN D. *'n Bedryfsielkundige ondersoek na die werkstevredenheid van dubbelinkomstegesin, enkelinkomstegesin en enkelouergesin werkneemers*. MA cum laude, 1999. 289 pp. Studieleier: Dr HD Vos.
3. SCRIBANTE F. *ILO/IEA CHECKPOINTS – evaluering van die inhoud en gebruik in 'n opleidingsprogram*. MEcon, 1999. 238 pp. Studieleier: Mnr CJ Calitz.
4. STRACK M. *The role of personality type (MBTI) differences in the evaluation of a training programme*. MA, 1999. 130 pp. Studieleier: Mnr CJ Calitz.

Doktoraal lopend/Doctoral current

1. CILLIÉ GG. *Produktiwiteitsonderhandeling in Suid-Afrika*. PhD Promotor: Prof JCD Augustyn.
2. DU PREEZ R. *Female apparel shopping behaviour within a multi-cultural society; profiles and consumer implications*. PhD Promotor/medepromotor: Prof EM Visser/prof JB du Toit.
3. HUNTER WFJR. *The prediction of employee dishonesty*. PhD Promotor: Dr A Duvenage.

4. ROUX M. *Enhancing the transfer and maintenance of new emotional and social competencies in the retail industry by maximising supervisor/manager support*. PhD Promotor: Prof AS Engelbrecht.

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1. BOTHA FM. *Consumer behaviour in Swaziland*. MEcon Studieleier: Prof JB du Toit.
2. BREDELL D. *An industrial psychological study establishing the relationship between career self-management and job performance*. MA Studieleier: Dr HD Vos.
3. CHAMBERLAIN L. *The relationship between transformational leadership, trust and organizational citizenship behaviour*. MComm Studieleier: Prof AS Engelbrecht.
4. CONRADIE WG. *'n Psigometriese ondersoek na die geldigheid van die APIL battery vir die meting van leerpotensiaal*. MA Studieleier: Dr CC Theron.
5. DE JAGER S. *'n Ondersoek na die rol van groepprosesse, individuele innoverendheid en groepstruktuur met betrekking tot bestuurspaninnoverendheid*. MA Studieleier: Dr HD Vos.
6. DU RAND J. *An evaluation of the "Full Range Leadership Programme" as presented at the Graduate School of Business, University of Stellenbosch (USB)*. MA Studieleier: Prof D Tromp.
7. GEYSER RC. *The relationship between creativity and personality type*. MA Studieleier: Mnr CJ Calitz.
8. GOOSEN FP. *Die verband tussen breinvooreure en bestuursdoeltreffendheid*. MA Studieleier: Dr HD Vos.
9. JAKOB B. *A psychometric audit of a selection procedure*. MA Studieleier: Dr CC Theron.
10. KLEYN E. *The relationship between locus of control of trainers and training style orientation*. MA Studieleier: Me R du Preez.
11. LE ROUX AR. *Die bestuur van kenniswerkers in 'n intellektuele kapitaal-metafoor en kennisbestuurtradisie*. MA Studieleier: Prof JCD Augustyn.
12. LOURENS R. *'n Psigometriese audit van 'n keuringsprosedure vir bestuurders in die kleinhandel*. MA Studieleier: Dr CC Theron.
13. MILLER AM. *A sample survey of human resource managers' position regarding the use of psychometric tests for personnel selection with specific reference to bias and fairness*. MA Studieleier: Dr CC Theron.
14. NEFDT G. *Kennisbasisse, gebruikspatrone en gebruikshindernisse ten opsigte van verantwoordbare prestasiebeoordeling*. MA Studieleier: Dr CC Theron.
15. NEL H. *Die rol van emosionele intelligensie in bestuurseffektiwiteit*. MA Studieleier: Dr WS de Villiers.
16. RADEMAN DJ. *An investigation into employees' perceptions and experience of performance appraisal in the public sector*. MComm Studieleier: Dr HD Vos.
17. SCHLECHTER AF. *The relationship between organizational culture and organizational performance – a study conducted within a large South African retail organization*. MA Studieleier: Prof D Tromp.
18. SMITH J. *'n Model vir regstellende aksie in die landboubedryf*. MComm Studieleier: Prof JCD Augustyn.
19. STADLER K. *Personality factors in negotiation skills training*. MA Studieleier: Mnr CJ Calitz.
20. STRYDOM E. *'n Steekproefopname na die Suid-Afrikaanse verbruiker se reaksie ten opsigte van die Suid-Afrikaanse wynaanbod*. MA Studieleier: Me R Du Preez.
21. STRYDOM J. *Cultural factors in the implementation of Ergonomics in a developing country*. MComm Studieleier: Mnr CJ Calitz.
22. TRUTER HC. *Personality type and management style*. MA Studieleier: Mnr CJ Calitz.
23. WYBORN B. *Cultural diversity as a determinant of creativity*. MComm Studieleier: Dr A Duvenage.

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1. DE VILLIERS AP. South African education: A principal-agent problem. *The South African Journal of Economics* 1999; **67**(3): 381-402.
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3. SCHOOMBEE A. Linkage banking for micro-enterprises in South Africa. *The South African Journal of Economics* 1999; **67**(3): 418-455.

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2. BURROWS LeR, SMIT BW. *Estimating the potential output of the South African economy*. Biennial Conference of the Economic Society of South Africa. Pretoria, 1999.
3. DE VILLIERS AP. *Lack of performance: A look at the South African education system*. EBM Research Conference. Port Elizabeth, 1999.
4. DU PLESSIS S. *A contribution by economists to strategic asset allocation decisions*. EBM Research Conference. Port Elizabeth, 1999.
5. DU PLESSIS SWF. *The Government's contribution to economic growth*. EBM Research Conference. Port Elizabeth, 1999.

6. JAFTA RCC. *The role of institutions in the restructuring of the South African textile industry in the 1990's*. TIPS Growth and Investment Conference. Johannesburg, 1999.
7. JAFTA RCC. *Technological and organisational change in world textiles: An evolutionary tale of two processes*. EBM Research Conference. Port Elizabeth, 1999.
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9. SCHOOMBEE A. *Getting South African banks to serve micro-entrepreneurs: An analysis of policy options*. EBM Research Conference. Port Elizabeth, 1999.
10. TERREBLANCHE SJ. *The ideological journey of South Africa from the RDP to the GEAR Macroeconomic plan*. Multi-event '99 – Religion in Public Life. Cape Town, 1999.

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1. McCARTHY CL. SACU & The Rand Zone. In: Bach DC, (ed.). *Regionalisation in Africa – Integration & Disintegration*. James Currey & Indiana University Press, 1999: 159-168.
2. VAN DER BERG S, MARINCOWITZ GJO. Poverty and affluence: Trends in and prospects for black incomes. In: Roux A, Van Vuuren E, (eds). *Celebrating 25 years of futures studies in South Africa: A collection of essays*. Institute for Futures Research, University of Stellenbosch, Bellville, 1999: 77-92.

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1. TERREBLANCHE SJ. *Historical perspective on past empowerment practices in South Africa (1652-2000)*. Development Bank of Southern Africa for Black Economic Empowerment Commission, US, 1999. 24 pp.
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3. VAN DER BERG S, BHORAT H. *The present as a legacy of the past: The labour market, inequality and poverty in South Africa*. DPRU Working Paper 99/29, Development Policy Research Unit, UCT, 1999. 29 pp.
4. VAN DER BERG S, DE VILLIERS AP. *Die berekening van sosio-ekonomiese behoeftes van WKOD-skole by die toepassing van die Norme & Standaarde - 'n Analise van die eerste stel terugvoerdata vanaf skole*. Report to the WCED, 1999. 5 pp.
5. VAN DER BERG S, DE VILLIERS AP. *'n Middeletoets vir fondsetoedelings aan WKOD-skole ingevolge die Norme & Standaarde*. Final report to the WCED, 1999. 5 pp.

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2. DU PLESSIS SWF. *Die ontwikkeling van die Suid-Afrikaanse nywerheidsektor en 'n kritiese evaluering van die huidige beleid*. MEcon, 1999. 145 pp. Studieleier: Prof CL McCarthy.

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1. BAUKNECHT K. *Policy modelling with rational expectations: A South African model*. PhD Promotor: Prof BW Smit.
2. BHORAT H. *Understanding labour supply in the South African labour market*. PhD Promotor: Prof S van der Berg.
3. BOOYSEN FleR. *The measurement of economic development – An application to the international measurement of development and the South African development experience*. PhD Promotor: Prof S van der Berg.
4. BURROWS LeR. *The development of a computable general equilibrium model of the South African economy*. PhD Promotor: Prof BW Smit.
5. CELE S. *A domestic resource cost approach to South Africa's industrial comparative advantage*. PhD Promotor: Prof CL McCarthy.
6. JAFTA RCC. *Introduction of new technology in mature industries: an evolutionary analysis of firm level strategies in the clothing and textile industry in South Africa*. PhD Promotor: Prof S van der Berg.
7. LÖTTER JC. *Die ontwikkelingspotensiaal van die randgebiede van die PWV met spesiale verwysing na die dekonsentrasieverskynsel*. PhD Promotor: Prof CL McCarthy.
8. SADIE JL. *The economic demography of the South African population*. DComm Promotor/meedepromotor: Prof CL McCarthy/prof BW Smit.
9. STOLTZ EAP. *'n Kritiese evaluering van die aard en omvang van die owerheidsektor in die Suid-Afrikaanse ekonomie*. PhD Promotor: Prof PA Black.

Magister lopend/Master's current

1. BREDENKAMP C. *The economics of social insurance in South Africa*. MA Studieleier: Prof S van der Berg.
2. DU PLESSIS ML. *Die versekeringswese in die Suid-Afrikaanse ekonomie*. MComm Studieleier: Prof GA Schoombee.
3. DU TOIT WA. *The economics of ports with specific reference to the Saldanha port*. MComm Studieleier: Mnr A van der Merwe.
4. FERREIRA CFS. *Die invloed van demografiese en inkomstefaktore op verbruikspatrone in Suid-Afrika, met spesifieke verwysing na die hoë inkomstegroep*. MComm Studieleier: Prof S van der Berg.
5. MARINCOWITZ GJO. *An analysis of the determinants of exclusion and privilege with regard to the participation of blacks in the modern consumer economy of South Africa*. MComm Studieleier: Prof S van der Berg.

6. OOSTHUIZEN MJ. *Capability building and the factors underlying the failure of trade liberalisation to induce the predicted expansion of manufacturing in Sub-Equatorial Africa*. MComm Studieleier: Prof CL McCarthy.
7. PHILLIPS NE. *The effect of the Asian crisis in changing the face of globalization*. MComm Studieleier: Prof BW Smit.
8. SOARES CA. *The economics of freshwater fish farming and the socio-economic impact of a national freshwater fish farming programme for South Africa*. MComm Studieleier: MnR A van der Merwe.
9. VAN DEVENTER GJ. *Economic growth and stagnation in the Coloured community – two decades after the Theron Commission*. MComm Studieleier: Prof S van der Berg.

LOGISTIEK / LOGISTICS

Verrigtinge internasional/Proceedings international

1. PIENAAR WJ, HEYNS GJ. *Cost-benefit analysis of passenger transport terminals*. Proceedings of the Fifth International Conference on Urban Transport and the Environment for the 21st Century. Rhodes, Greece, 1999: 471-480.
2. PIENAAR WJ, VAN RENSBURG RAJ. *Modelling generalised rail commuter costs for use in urban transport planning*. Book of Paper Summaries of the World Congress on Railway Research. Tokyo, Japan, 1999: 55 pp. and CD-Rom.

Referate internasional/Papers international

1. VAN NIEKERK HC. *The restructuring of the South African ports system in order to raise productivity*. XIth World Productivity Congress. Edinburg, Skotland, 1999.

Referate nasionaal/Papers national

1. VAN NIEKERK HC. *The probable benefits and costs of state assistance to promote domestic shipowning and operation*. Sixth National Maritime Conference. Durban, 1999.

Magister afgehandel/Master's completed

1. ANDERSON FOW. *Creating a differentiated advantage through strategic logistics management*. MPhil, 1999. 105 pp. Studieleier: Prof WJ Pienaar.
2. LOUBSER JS. *Logistieke beplanning met behulp van objek-georiënteerde simulasie*. MPhil, 1999. 108 pp. Studieleiers: Prof WJ Pienaar, mnR SE Visagie.
3. MVUNDURA PJ. *South African shipping and ship finance: constraints and prospects of container shipping joint ventures*. MPhil, 1999. 89 pp. Studieleier: MnR BC Floor.
4. SMITH A. *The economic value of the Port of Cape Town to the Western Cape economy*. MPhil, 1999. 96 pp. Studieleier: Dr PJ van Aswegen.
5. VAN DER MERWE HC. *Ondersoek van 'n vervangingsbeleid vir werktuie in die konstruksiebedryf*. MComm, 1999. 100 pp. Studieleier: Prof WJ Pienaar.

NAGRAADSE BESTUURSKOOL (WAARBY INGESLUIT DIE SENTRUM VIR ENTREPRENEURSKAP) / GRADUATE SCHOOL OF BUSINESS (INCLUDING THE CENTRE FOR ENTREPRENEURSHIP)

Tydskrifartikels/Journal articles

1. BIEKPE N. A note on predicting returns using bilinear ARMA models. *Journal for Studies in Economics and Econometrics* 1999; **23**(1): 74-79.
2. BROWN CJ. Can research be project managed? *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(3): 72-77.
3. BROWN CJ. Towards a strategy for project management implementation. *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(2): 33-38.
4. BROWN CJ, LABUSCHAGNE HP. Towards an understanding of the matrix organisation. *Projectpro* 1999; **9**(6): 21-23.
5. BURGER JH, HAMMAN WD. Measuring capital intensity in South African companies listed in the industrial sector of the JSE. *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(4): 110-121.
6. BURGER JH, HAMMAN WD. The relationship between the accounting sustainable growth rate and the cash flow sustainable growth rate. *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(4): 101-109.
7. HAMMAN WD, SMIT EvdM. The accuracy of traditional methods of estimating cash flows: A model. *Meditari* 1998; **6**: 163-180.

8. HEYNS PJ, HAMMAN WD, SMIT EvdM. Do share prices fully reflect the information in accruals and cash flow about future earnings? *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(4): 122-130.
9. HUMAN L. Managing race and class conflict in South Africa: The promises and pitfalls of the Employment Equity Act. *SJETAR International Journal* 1999; **1**(2): 19-30.
10. MAAS GJP, DE CONING TJ, SMIT EvdM. Identifying indicators that can play a meaningful role in promoting creativity in SME's – a South African study. *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(2): 39-47.
11. ROBERTSON AC, PAGE M, SMIT EvdM. Share market reaction to large daily price declines: Evidence from the JSE. *Journal for Studies in Economics and Econometrics* 1999; **23**(3): 15-48.
12. SMITH JduP, VAN DER MERWE AJ. Are today's winning institutions tomorrow's losers? *The Investment Analysts Journal* 1999; **49**: 41-48.
13. SPANGENBERG HH, SCHRODER HM, DUVENAGE A. A leadership competence utilization questionnaire for South African managers. *South African Journal of Psychology* 1999; **29**(3): 117-123.
14. TERBLANCHÉ NS, BOSHOFF C, SMIT EvdM. Consumers' reasons for purchasing low involvement goods by mail catalogue: preliminary measurement guidelines. *Suid-Afrikaanse Tydskrif vir Bedryfsleiding* 1999; **30**(3): 93-99.
15. TERBLANCHÉ NS, BOSHOFF C, SMIT EvdM. Risk relievers in mail-order catalogue retailing. *South African Journal of Economic and Management Sciences* 1999; **2**(3): 358-373.
16. VAN DER BERG LT, SMIT EvdM. The announcement effect of prime rate changes on South African capital markets: A note. *The Investment Analysts Journal* 1999; **49**: 49-54.
17. WALKER DM, SMIT EvdM. Diversification in the South African Unit Trust industry. *Bestuursdinamika: Kontemporäre Navorsing* 1999; **8**(1): 25-53.

Verrigtinge nasional/Proceedings national

1. HAMMAN WD, BURGER JH. *RSA value-added statements: certain ratios 1991-1997*. Verrigtinge van die Elfde Jaarlikse Konferensie van die Suider-Afrikaanse Instituut vir Bestuurswetenskaplikes. Stellenbosch, 1999: 96-113.
2. MALAN D, SMIT EvdM. *Short-term share index over-reaction on the Johannesburg Stock Exchange*. Proceedings of the Eleventh Annual Conference of Southern Africa Institute for Management Scientists. Stellenbosch, 1999: 66-84.

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1. BIEKPE N. *The impact of regionalisation in the African capital markets sector and the mobilisation of foreign capital for sustainable development*. Fifth Expert Group Meeting on Financial Issues of Agenda 21. New York, United Nations, 1999.
2. HUMAN L. *Thinking differently about people*. Fifth Annual IABC/IoD Communication in Business Conference. Johannesburg, South Africa, 1999.
3. OOSTHUIZEN H. *The state of the art of strategic management in the South African context*. Nineteenth Annual International Conference of the Strategic Management Society. Berlin, Germany, 1999.
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3. BURGER JH, HAMMAN WD. *Determinants of value added relative to sales in the retail sector of the JSE*. Jaarlikse EBM Konferensie. Port Elizabeth, 1999.
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6. HAMMAN WD, BURGER JH. *A conceptual model for the interpretation and evaluation of value-added statements*. Annual African Investment Conference and Exhibition. Bellville, 1999.
7. HAMMAN WD, BURGER JH. *RSA parastatals and their contribution to the economy: Three case studies*. Jaarlikse EBM Konferensie. Port Elizabeth, 1999.
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10. SPANGENBERG HH. *Proposed guidelines and ethical considerations for assessment centre operations*. Negentiende Jaarlike Konferensie van die Takseersentrum Studiegroep van die Instituut vir Personeelbestuur. Stellenbosch, 1999.
11. SMITH JduP, PRETORIUS J. *Adherence to critical success factors of mergers and acquisitions and their impact on shareholder value over the period 1985 to 1995 by quoted South African companies*. Fifth Conference of the Southern African Finance Association. Cape Town, 1999.
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3. HUMAN L, BLUEN S, DAVIES R. *Baking a New Cake: How to succeed at Employment Equity*. Knowledge Resources, 1999. 166 pp.

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Doktoraal afgehandel/Doctoral completed

1. LOUBSER SS. *A systemic perspective of market orientation as a co-producer of desired business outcomes*. PhD, 1999. 406 pp. Promotor/medepromotor: Prof TJ de Coning/prof E vd M Smit.

Doktoraal lopend/Doctoral current

1. LOUW PJE. *The development of a project management system for a biological research environment with specific reference to the Agricultural Research Council*. PhD Promotor: Prof CJ Brown.
2. SCHREUDER FA. *A study on the key factors that determine the relationship between manufacturers and distributors of crop protection chemicals in South Africa and Australia with the emphasis on South Africa*. PhD Promotor: Prof H Oosthuizen.
3. WOLFAARDT HJ. *'n Kritiese evaluasie van die proses vir die implementering van totale kwaliteitsbestuur in voedselverwerkingsorganisasies in die Suid-Afrikaanse landbou*. PhD Promotor: Prof CJ Brown.

Magister lopend/Master's current

1. DORNING AW. *Marketing transformation in the public health sector: A KwaZulu-Natal focus*. MBA Studieleier: Prof H Oosthuizen.

ONDERNEMINGSBESTUUR / BUSINESS MANAGEMENT

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1. BLOOM JZ, LAMBRECHTS IJ, LE ROUX NJ. Distinguishing between capital and labour intensive enterprises listed in the industrial section of the JSE. *Management Dynamics: Contemporary Research* 1998; **7**(4): 39-68.
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3. DE VILLIERS JU, FAVIS R. Sector diversification and second order risk. *Journal for Studies in Economics and Econometrics* 1999; **23**(2): 77-87.
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8. DU TOIT J, DOPPEGIETER JJ. Criteria for and a comparison of national energy models. *Journal of Energy in Southern Africa* 1999; **10**(2): 65-70.
9. HUGO CF, MOSTERT FJ. Risk factors and general exclusions of motor vehicle insurance: Empirical and legal perspectives. *Management Dynamics: Contemporary Research* 1998; **7**(3): 35-58.
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11. LEIBOLD M, KAES B, GIBBERT M. An anatomy of intellectual capital: A synthesis of conceptual approaches and a research agenda for the future. *Management Dynamics: Contemporary Research* 1999; **8**(4): 1-32.
12. TERBLANCHÉ NS. The marketing challenges of non-profit organisations involved in the provision of social services. *Social Work* 1999; **35**(4): 387-395.
13. TERBLANCHÉ NS. The perceived benefits derived from visits to a super regional shopping centre: An exploratory study. *South African Journal of Business Management* 1999; **30**(4): 141-146.
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15. TERBLANCHÉ NS, BOSHOFF C, SMIT EvdM. Consumers' reasons for purchasing low involvement goods by mail catalogue: Preliminary guidelines. *South African Journal of Business Management* 1999; **30**(3): 93-99.
16. TERBLANCHÉ NS, BOSHOFF C, SMIT EvdM. The influence of risk types on general risk perception with regard to the purchasing of low involvement goods by mail order catalogue. *Management Dynamics: Contemporary Research* 1999; **8**(2): 58-73.
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1. BLOOM JZ, LAMBRECHTS IJ, LE ROUX NJ. *A preliminary analysis of differences in financial performance between capital intensive and non-capital intensive enterprises during an upswing and a decline in the economic cycle.* Proceedings of the Ninth International Financial Management Accountancy Conference. Rotterdam, The Netherlands, 1998: 481-507.

Verrigtinge nasionaal/Proceedings national

1. ADAMS MN. *A exploratory study of consumer behaviour with specific focus on flea markets.* Proceedings of the Eleventh Annual Conference of the Southern African Institute for Management Scientists. Stellenbosch, 1999: 114-120.

Referate internasional/Papers international

1. DOPPEGIETER JJ. *New mortgage instruments: Prospects for an emerging country.* 6th European Real Estate Society Conference. Athens, Greece, 1999.
2. LAMBRECHTS IJ. *Fund accounting: Fact or fiction?* Tenth International Conference on Financial Management Accountancy. Rotterdam, The Netherlands, 1999.
3. LEIBOLD M, CONNETT B. *Managing international strategic alliances between large and small firms: A synergy framework and tools to improve effectiveness and success.* 8th Annual World Business Congress. Monterey, USA, 1999.
4. TERBLANCHÉ NS, BOSHOFF C. *An exploratory study to identify the dimensions of satisfaction with the controllable elements of the total retail experience.* Australia and New Zealand Marketing Academy Conference. Sydney, Australia, 1999.
5. TERBLANCHÉ NS, BOSHOFF C. *Exploring the dimensionality of retail service quality.* 28th Conference of the European Marketing Academy. Berlin, Germany, 1999.

Referate nasionaal/Papers national

1. ADAMS MN. *Factors that influence consumer behaviour specifically at flea markets.* EBM Navorsingskonferensie. Port Elizabeth, 1999.
2. ADAMS MN, BHOWAN K, O'NEILL C. *Do female entrepreneurs avoid the male-dominated business sectors?* ICSB-SA Konferensie. Gauteng, 1999.
3. BIRCH M, DOPPEGIETER JJ. *Financial instruments in the South African property market.* 8th Annual Conference of the Southern African Finance Association. Cape Town, 1999.
4. DE VILLIERS JU, FAVIS R. *Sector diversification and second order risk.* 8th Annual Conference of the Southern African Finance Association. Cape Town, 1999.
5. DE VILLIERS JU, LENCI EF. *Transactions costs as the primary explanation for the ex-dividend drop-off: The case of South African shares under the dual currency system.* Elfde Jaarlikse Konferensie van die Suider-Afrika Instituut vir Bestuurswetenskaplikes. Stellenbosch, 1999.
6. MOSTERT FJ. *Agreements and bases of reinsurance: A theoretical and empirical study.* EBM Navorsingskonferensie. Port Elizabeth, 1999.
7. MOSTERT FJ, HUGO CF. *Motor vehicle insurance: Empirical and legal perspectives on contentious issues.* Elfde Jaarlikse Konferensie van die Suider-Afrika Instituut vir Bestuurswetenskaplikes. Stellenbosch, 1999.
8. O'NEILL RC, VILJOEN L. *Support for female entrepreneurs in the new South Africa: Improvement or decline?* Elfde Jaarlikse Konferensie van die Suider-Afrika Instituut vir Bestuurswetenskaplikes. Stellenbosch, 1999.
9. TERBLANCHÉ NS. *The relevance of relationship marketing for retailing.* Eleventh Annual Conference of the Southern Africa Institute for Management Scientists. Stellenbosch, 1999.
10. TERBLANCHÉ NS, BOSHOFF C. *Enhancing direct marketing sales by reducing risk perceptions.* IMM Marketing Educators' Conference. Cape Town, 1999.

Boeke/Books

1. DOPPEGIETER JJ, DU TOIT J, LIEBENBERG J. *Energy Indicators 1999/2000.* Institute for Futures Research, US, 1999. 90 pp.

Navorsingsverslae/Research reports

1. DU TOIT J, DOPPEGIETER JJ. *Final report: Environmental scanning and scenario development for long-term energy planning in South Africa: 1997-1999.* Institute for Futures Research, US, 1999. 19 pp.
2. LEIBOLD M, MEISSNER D, SEIBERT K. *Evaluation of competitive and comparative advantages of the South African tourism industry to the year 2005, and development of a preliminary model for competitive destination positioning in various relevant international tourism markets.* RGN, 1999. 57 pp.

Magister afgehandel/Master's completed

1. DEGENER M. *Branding of services, with special reference to the financial services sector: A preliminary study.* MScAgric, 1999. 184 pp. Studieleier : Prof M Leibold.
2. GIBBERT M. *Managing knowledge in organizations: A critical analysis of extant approaches and conceptual aids.* MComm cum laude, 1999. 123 pp. Studieleier: Prof M Leibold.
3. KAES B. *Intellectual capital management: A critical analysis of conceptual approaches and tools.* MComm cum laude, 1999. 162 pp. Studieleier: Prof M Leibold.

Doktoraal lopend/Doctoral current

1. BENADIE S. *The role of sport sponsorships in marketing communication management.* PhD Promotor: Prof NS Terblanché.
2. BLOOM JZ. *The measurement of financial success and long-term survival in capital intensive enterprises.* PhD Promotor: Prof IJ Lambrechts.
3. LEINENBACH C. *Computer-mediated environments as an instrument in marketing: Strategic implications for the travel and tourism industry, with particular reference to marketing strategy decision-making.* PhD Promotor: Prof M Leibold.
4. MAY C. *Global marketing strategies of South African exporters.* PhD Promotor: Dr RC O'Neill.
5. MEISSNER D. *An international comparison of environmental policy in large business organizations: An integrated market-orientated approach.* PhD Promotor: Prof M Leibold.
6. MOSTERT JH. *The impact of labour-related risks on financial investment decision-making by institutional investors.* PhD Promotor: Prof FJ Mostert.
7. MÜLLER D. *Synergy audits as a strategic management tool in global airline alliance networks.* PhD Promotor: Prof M Leibold.
8. SEIBERT K. *A strategic model for branding South Africa as an international tourism destination.* PhD Promotor: Prof M Leibold.
9. THERON E. *The development of a model for the management of brand loyalty in South Africa.* PhD Promotor: Prof NS Terblanché.
10. VAN ZYL WPJ. *Marketing strategies for not-for-profit organizations.* DPhil Promotor/ medepromotor: Prof JI Cronjé/prof NS Terblanché.

Magister lopend/Master's current

1. CHUN LING XU. *Organisational approaches in doing business between the People's Republic of China and South Africa, with specific reference to strategic alliances.* MComm Studieleier: Prof M Leibold.
2. DREWES K. *The measurement of consumer loyalty towards retailers.* MEcon Studieleier: Prof NS Terblanché.
3. GREEFF JP. *Die implementering van 'n sosiaal verantwoordelike ekologiese strategie deur genoteerde Suid-Afrikaanse maatskappe.* MComm Studieleier: Prof MA du Toit.
4. JACOBS NR. *Tourism strategy development for a region, with particular reference to strategic partnerships among tourism stakeholders.* MBA Studieleier: Prof M Leibold.
5. LIU N. *A comparative analysis of knowledge management practices between Chinese and South African companies: A preliminary study.* MComm Studieleier: Prof M Leibold.
6. SABBATHA J. *Knowledge management and competitive advantage.* MComm Studieleier: Prof M Leibold.

REKENINGKUNDE / ACCOUNTANCY

Tydskrifartikels/Journal articles

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1. VAN SCHALKWYK CJ. Belasting. In: Stegmann N, (red.). *AARP Toepassings.* Butterworths, 1999: 73-126.
2. VAN SCHALKWYK CJ. ED128 Bruikhuur ooreenkoms. In: Stegmann N, (red.). *AARP Toepassings.* Butterworths, 1999: 451-508.
3. VAN SCHALKWYK CJ. Tussentydse en voorlopige verslagdoening. In: Coetsee D, (ed.). *Korporatiewe finansiële verslagdoening in konteks.* Butterworths, 1999: 251-263.
4. VAN SCHALKWYK CJ, WESSON N. Balance Sheet. In: Coetsee D, (ed.). *Corporate financial reporting in perspective.* Butterworths, 1999: 29-113.
5. VAN SCHALKWYK CJ, WESSON N. Balansstaat. In: Coetsee D, (ed.). *Korporatiewe finansiële verslagdoening in konteks.* Butterworths, 1999: 31-119.
6. VAN SCHALKWYK CJ, WESSON N. Balansstaat/Balance Sheet. In: Coetsee D, (ed.). *Korporatiewe Finansiële Verslagdoening/Corporate Financial Reporting.* Butterworths, 1999: 55-144.
7. VAN SCHALKWYK CJ, WESSON N. Interim and provisional reporting. In: Coetsee D, (ed.). *Corporate financial reporting in perspective.* Butterworths, 1999: 241-253.
8. VAN SCHALKWYK CJ, WESSON N. Oorsig van AARP standpunte. In: Coetsee D, (ed.). *Korporatiewe Finansiële Verslagdoening/Corporate Financial Reporting.* Butterworths, 1999: 320-398.
9. VAN SCHALKWYK CJ, WESSON N. RE102 Belasting in finansiële state. In: Coetsee D, (ed.). *Korporatiewe Finansiële Verslagdoening/Corporate Financial Reporting.* Butterworths, 1999: 319-326.
10. VAN SCHALKWYK CJ, WESSON N. RE104 vir dienste per aandeel. In: Coetsee D, (ed.). *Korporatiewe Finansiële Verslagdoening/Corporate Financial Reporting.* Butterworths, 1999: 329-339.

11. VAN SCHALKWYK CJ, WESSON N. Spesifieke toepassing van AARP standpunte. In: Coetsee D, (red.). *Korporatiewe Finansiële Verslagdoening/Corporate Financial Reporting*. Butterworths, 1999: 408-468.
12. WESSON N. RE104 vir dienste per aandeel. In: Stegmann N, (red.). *AARP Toepassings*. Butterworths, 1999: 169-195.
13. WESSON N. RE109 konstruksiekontrakte. In: Stegmann N, (red.). *AARP Toepassings*. Butterworths, 1999: 255-283.
14. WESSON N. RE115 vir antwoording van rekeningkundige inligting volgens segmente. In: Stegmann N, (red.). *AARP Toepassings*. Butterworths, 1999: 357-365.

Magister afgehandel/Master's completed

1. WESSON N. *Die invloed van Internet op die toepaslikheid van die bronreëls in terme van die Inkomstebelastingwet, nr 48 van 1962*. MComm, 1999. 95 pp. Studieleier: Prof JA Matthee.

Doktoraal lopend/Doctoral current

1. BRINK PJ. *Hierarchical framework for auditing*. PhD Studieleier: Prof J van Z Smit.

Magister lopend/Master's current

1. CRONJE JHG. *Die belastingimplikasies van oordragpryse en die invloed van elektroniese handel daarop*. MRek Studieleier: Me N Wesson.
2. DURAND I. *Skripdividende in Suid-Afrika*. MRek Studieleier: Prof P Olivier.
3. SCHEEPERS L. *Recognition, measurement, presentation and disclosure considerations in the accounting treatment of derivatives with futures contracts as reference*. MRek Studieleier: Prof CJ van Schalkwyk.
4. VAN DYK HO. *Professionele vereistes as element van gehaltebeheer binne die auditprofessie*. MRek Studieleier: Prof PJ Brink.

SKOOL VIR OPENBARE BESTUUR EN BEPLANNING / SCHOOL OF PUBLIC MANAGEMENT AND PLANNING

Tydskrifartikels/Journal articles

1. CARSTENS L, BURGER J. Management Development in the South African Police Service. *Administratio Publica* 1999; **9**(1): 17-48.
2. CLOETE F. Achieving the capacity for sustainable governance. *Africanus, Journal of Development Administration* 1999; **29**(2): 86-102.
3. CLOETE F. Conceptualising capacity for sustainable governance. *Africanus, Journal of Development Administration* 1999; **29**(2): 8-19.
4. CLOETE F. Weaknesses of the Green Paper on Local Government. *Governance Forum* 1998; **1**(6): 3-4.

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1. BURGER J. *Visions Beyond Border – A South African Experience*. American Society for Public Administration 60th Conference: Celebrating a Century of Public Service. Orlando, Florida, 1999.
2. CLAASSEN PE. *The impact of the National Environmental Act on sustainable development*. Development Society of Southern Africa's Biennial Conference about the Southern African Development Scenario: Challenges for the New Millennium. Johannesburg, South Africa, 1999.
3. CLOETE F. *Capacity-building for sustainable service delivery*. SAIPA and SAFPUM International Conference about Challenges for Public Management and Administration in the new millennium: Reclaiming Excellence, Knowledge and Ideas. Pretoria, South Africa, 1998.
4. FOX W, UYS FM. *Managing diversity: A contemporary management approach*. Seventh Winelands Conference. Stellenbosch, South Africa, 1999.
5. SCHWELLA E. *Globalisation and human resource management: context, challenges and change*. Cambridge Conference Ordinance Survey: 2nd Global Conference for National Mapping Organisations. Cambridge, UK, 1999.

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3. FOURIE MHW. *Die bestuur van diversiteit in die Suid-Afrikaanse Polisiediens*. PhD Promotor: Prof JJ Müller.
4. JANSEN VAN RENSBURG LJ. *Aspekte van organisasie-kultuur binne die Suid-Afrikaanse Nasionale Weermag*. PhD Promotor: Prof JJ Müller.
5. JANSEN VAN VUUREN E. *The development of a performance measurement system for policing. The South African Police Service*. PhD Promotor: Prof E Schwella.
6. KAHN SB. *Managing an integrated South African National Defence Force towards increased productivity*. PhD Promotor: Dr APJ Burger.
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8. SWANEPOEL DV. *Die ontwikkeling van 'n bestuursmodel vir die effektiwe bestuur van verandering in die publieke sektor*. PhD Promotor: Prof JJ Müller.
9. SWART A. *Local Government functions and funding – a model*. PhD Promotor: Prof GS Cloete.
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2. DU PLESSIS JA. *Seksuele teistering in die Provinciale Administrasie: Wes-Kaap*. MAdmin Studieleier: Dr FM Uys.
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7. NQADINI MP. *The dynamics of development and public policy impact in Khayelitsha. A critical assessment and future consideration*. MAdmin Studieleier: Mnr F Theron.
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11. WARD WJ. *Organisasie-innovasie vir omgewingsbestuur*. MA Studieleier: Prof JJ Müller.
12. WELGEMOED DE. *Arbeidsverhoudinge by Plaaslike Owerhede in Suid-Afrika*. MPA Studieleier: Dr FM Uys.

STATISTIEK EN AKTUARIËLE WETENSKAP (WAARBY INGESLUIT DIE SENTRUM VIR STATISTIESE KONSULTASIE) / STATISTICS AND ACTUARIAL SCIENCE (INCLUDING THE CENTRE FOR STATISTICAL CONSULTATION)

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FAKULTEIT INGENIEURSWESE

FACULTY OF ENGINEERING

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4. FENSKE AEF. *Improving the supply chain of paper.* MIng, 1999. 127 pp. Studieleier: Prof ND du Preez.
5. LATEGAN JF. *Understanding the performance of a rail-terminal interface.* MIng, 1999. 67 pp. Studieleier: Mnr KH von Leipzig.
6. MINNAAR PD. *The electricity dispenser process – an investigation of a dysfunctional management process.* MIng, 1999. 188 pp. Studieleier: Prof WP van Ryneveld.
7. NIEHAUS F. *A logistic information architecture for the traction maintenance environment in Spoornet.* MIng, 1999. 181 pp. Studieleier: Prof ND du Preez.
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3. MINNIE G. *A framework for the selection of appropriate systems modelling tools in enterprise engineering.* PhD Promotor: Prof ND du Preez.
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2. ANTHONISSEN C. *Performance of agent-based real-time scheduling with communication constraints.* MIng Studieleier: Mnr J Bekker.
3. BOTHA CJ. *Optimising and managing an integrated supply chain strategy for a modern petrochemical manufacturing enterprise.* MIng Studieleier: Prof ND du Preez.
4. BRUNNER H. *Vibrasie monitering – lokos betrouwbaarheid.* MIng Studieleier: Mnr J Heese.
5. CILLIERS F. *Design and implementation of a cold storage facility at Parmafat.* MIng Studieleier: Mnr J Bekker.
6. CLOTHIER AM. *Logistical supply chain management of containers: data tag identification and tracking.* MIng Studieleier: Prof ND du Preez.
7. COYTE-KING Z. *Empty wagon distribution: A demand approach.* MIng Studieleier: Mnr M Michau.
8. CUDDON M. *To develop, implement and optimize an effective integrated planning and production process within infrastructure on the Johannesburg to Cape Town corridor.* MIng Studieleier: Mnr KH von Leipzig.
9. DA CRUZ W. *Development maintenance system.* MIng Studieleier: Mnr J Schoeman.
10. FELIZARDO J. *Framework TQM for TSA.* MIng Studieleier: Dr J Lombard.
11. GERTENBACH L. *An integrated control system for the subsets of a mobile robot.* MIng Studieleier: Mnr CJ Fourie.
12. GILDENHUYS GB. *Diesel depot workflow analysis.* MIng Studieleier: Dr DC Page.
13. JOOSTE JP. *Die vergelyking van die maksimum veilige produksie-kapasiteit van verskeie sinjalering bedryfstelsels.* MIng Studieleier: Mnr J Bekker.
14. LIEBENBERG VW. *Knowledge management in project-driven organisations.* MIng Studieleier: Mnr KH von Leipzig.
15. LOUW E. *Rationalization of main rolling stock facilities.* MIng Studieleier: Prof ND du Preez.
16. LOUW L. *The development of a computerised drum-buffer-rope scheduling system.* MIng Studieleier: Dr DC Page.
17. MANARE K. *Maintenance strategy Lesotho Breweries.* MIng Studieleier: Mnr J Heese.
18. MEIJ A. *Ondernemingsontwerp.* MIng Studieleier: Mnr J Bekker.
19. MORRIS JW. *Modelling of the Sasol Solid Fuel Oxygen Plant.* MIng Studieleier: Mnr J Bekker.
20. MOUTON R. *Continuous improvement power station.* MIng Studieleier: Mnr KH von Leipzig.
21. MULLER RC. *Benchmarking framework.* MIng Studieleier: Mnr M Michau.
22. NEL PA. *A methodology for multi-level maintenance management – a critical approach to the application of new technology to maintenance management.* MIng Studieleier: Prof ND du Preez.
23. RUTHVEN GA. *An analysis of the EVA concept in the South African Industry.* MIng Studieleier: Mnr KH von Leipzig.
24. STEVENS TMJ. *To develop, implement and optimize an effective integrated planning and production process within infrastructure on the Johannesburg to Cape Town corridor.* MIng Studieleier: Prof ND du Preez.
25. TREURNICHT NF. *High speed machining and electrical discharge milling, a comparison towards optimal selection.* MIng Studieleier: Mnr CJ Fourie.
26. VAN DER MERWE AM. *Analysis, development and improvement of a rail-based logistical solution.* MIng Studieleier: Mnr KH von Leipzig.
27. VAN DER MERWE CJ. *An investigation into the importance and measurement of flexibility as perceived in South African manufacturing.* MIng Studieleier: Mnr CJ Fourie.
28. VAN DER MERWE DJ. *Holonics in Industrial Engineering.* MIng Studieleier: Dr DC Page.
29. VAN EEDEN J. *The influence of ERP systems on materials management and the supply chain.* MIng Studieleier: Mnr KH von Leipzig.
30. VENTER C. *Design implement math model – strategy.* MIng Studieleier: Mnr KH von Leipzig.
31. VON BENECKE M. *The development of a model measuring the performance of an orgaization according to the SAEF-model in order to enhance quality excellence.* MIng Studieleier: Dr W van Wijck.
32. WATSON NR. *Logistical supply chain management of containers: Information system.* MIng Studieleier: Prof ND du Preez.
33. WEGE JW. *Human-based flexibility.* MIng Studieleier: Mnr CJ Fourie.
34. WILSON RP. *Machine shop – tailoring inspection via different Meth.* MIng Studieleier: Mnr WP Breytenbach.

EENHEID VIR GEVORDERDE VERVAARDIGING (SENROB) / **UNIT FOR ADVANCED MANUFACTURING**

Verrigtinge internasional/Proceedings international

1. FOURIE CJ, VAN DER MERWE CJ. *Flexibility measurement for improved manufacturing.* Seminar Proceedings of the 32nd CIRP International Seminar on Manufacturing Systems. Leuven, Belgium, 1999: 437-447.

- FOURIE CJ, VAN DER MERWE CJ. *The impact and measurement of flexibility to improve the quality of manufacturing*. Conference Proceedings of the First International Conference on Quality Manufacturing. Stellenbosch, South Africa, 1999: 184-194.

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Doktoraal lopend/Doctoral current

- FOURIE CJ. *Remote intelligent analysis for an integrated manufacturing system*. PhD Promotor: Prof Z Katz (ekstern), prof ND du Preez (intern).

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- GERTENBACH L. *Integration of the control system of the subsets of a mobile robot*. MIng Studieleier: Mnr CJ Fourie.
- TREURNICHT NF. *High-speed machining and electro-discharge machining*. MIng Studieleier: Mnr CJ Fourie.
- WEGE J. *Human-based flexibility*. MIng Studieleier: Mnr CJ Fourie.

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- CRAUSE JC, NIEUWOUDT I. Mass transfer in a short wetted-wall column. 1. Pure components. *Industrial & Engineering Chemistry Research* 1999; **38**(12): 4928-4932.
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- KLEINGELD AW, LORENZEN L, BOTES FG, The development and modelling of high-intensity impinging stream jet reactors for effective mass transfer in heterogeneous systems. *Chemical Engineering Science* 1999; **54**(21): 4991-4995.
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3. BARNARD JP, ALDRICH C, GERBER M. *Identification of non-linear process systems with surrogate data methods*. Chemical Engineering R&D Conference '99. SAIChe Western Cape Branch, 1999.
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2. SCHMITZ GPJ. *Combinatorial evolution of feedforward neural network models for chemical processes*. PhD (Ingwet), 1999. 198 pp. Promotor: Prof C Aldrich.
3. VAN DEVENTER JSJ. *Contributions to the mechanisms and simulation of mineral processing operations*. DIng, 1999. 1700 pp. Promotor: Prof L Lorenzen.
4. VAN DYK WA. *The effect of physical parameters on the rupture of bubble films in two-phase foams*. PhD, 1999. 248 pp. Promotor/medepromotor: Prof L Lorenzen/prof JSJ van Deventer.

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2. DU PREEZ HS. *The modelling of the response of a resin-in-pulp reactor*. MIng, 1999. 92 pp. Studieleier/medestudieleier: Dr KRP Petersen/prof L Lorenzen.
3. ERASMUS AB. *Mass transfer in structured packing*. MSc (Ing) cum laude, 1999. 160 pp. Studieleier: Prof I Nieuwoudt.
4. GÖRGENS JF. *Evaluation of the metabolic burden of heterologous protein production in Saccharomyces cerevisiae*. MSc (Ing) cum laude, 1999. 309 pp. Studieleier/medestudieleier: Prof JH Knoetze/prof WH van Zyl.
5. LEON RX. *A data-driven approach to the development of a supervisory control system for an industrial semi-autogenous grinding circuit*. MIng, 1999. 101 pp. Studieleier: Prof C Aldrich.
6. LOFTUS BM. *The design of a jet reactor for the treatment of gold ores*. MIng, 1999. 160 pp. Studieleier: Prof L Lorenzen.
7. NAUDÉ N. *Die optimisering van vermalingsstegnieke vir ilmenieterts*. MSc (Ing), 1999. 144 pp. Studieleier: Prof L Lorenzen.
8. NELL A. *Study of the plasmabased production of tetrafluoroethylene*. MIng cum laude, 1999. 156 pp. Studieleier/medestudieleier: Prof C Aldrich/prof I Nieuwoudt.
9. THERON DA. *The diagnostic monitoring of the acoustic emission from a laboratory ball mill*. MIng, 1999. 154 pp. Studieleier/medestudieleier: Prof C Aldrich/prof DM Weber.
10. VAN COLLER CS. *Cluster analysis and classification of process data by use of principal curves*. MSc Ingwet, 1999. 124 pp. Studieleier/medestudieleier: Prof C Aldrich/ prof L Lorenzen.

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12. WALSDORFF AA. *The mechanism and kinetics of the degradation and migration of cyanide*. MSc (Ing) cum laude, 1999. 200 pp. Studieleier/medestudieleier: Prof L Lorenzen/dr KRP Petersen.

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2. CRAUSE JC. *The development of a fundamental mass transfer model for structured packing*. PhD Promotor: Prof I Nieuwoudt.
3. DE VILLIERS PGR. *The use of ion-exchange resin to selectively extract species from insoluble slurries*. PhD Promotors: Proff L Lorenzen, JSJ van Deventer.
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5. ELS ER. *Modelling of the recovery of platinum group metals from sulphide ores with the use of ion exchange resins*. PhD Promotors: Proff L Lorenzen, C Aldrich.
6. GOLIATH E. *Die produksie van neutrale spiritus*. PhD Promotor: Prof FLD Cloete.
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10. NEL C. *Modelling the dry scrubbing process for fluorine adsorption on alumina*. PhD Promotor: Prof JH Knoetze.
11. QI B. *The design and modelling of an ultrasonic flotation process for oxide and sulphide minerals*. PhD Promotors: Proff L Lorenzen, C Aldrich.
12. VAN DYK B. *The combination of current group contribution methods with statistical thermodynamics*. PhD Promotor: Prof I Nieuwoudt.
13. VENTER DL. *The separation of phenolics and neutral oils*. PhD Promotor: Prof I Nieuwoudt.

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2. BARNARD PW. *Die voorspelling van die emissie spektra van pirotegniese samestellings*. MSc (Ing) Studieleier: Prof JH Knoetze.
3. BOTES JP. *Flux enhancement in capillary membrane ultrafiltration*. MIng Studieleiers: Prof SM Bradshaw, dr E Jacobs.
4. CHEMALY TP. *Exploratory data analysis by means of evolutionary programming*. MSc (Ing) Studieleier: Prof C Aldrich.
5. CHUKANI VBP. *Clarification of fermented food products*. MSc (Ing) Studieleiers: Proff FLD Cloete, SM Bradshaw.
6. CONRADIE AVE. *Modelling and control of batch extractive distillation columns using a middle vessel*. MSc (Ing) Studieleiers: Proff C Aldrich, I Nieuwoudt.
7. DE JONGH WA. *Vakuumpirolise van plantaardige stowwe*. MSc (Ing) Studieleier: Prof JH Knoetze.
8. DREW M. *The development of treatment procedures for waste water from the wine- and juice industries*. MSc (Ing) Studieleiers: Prof L Lorenzen, mnr ER Els.
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10. DUMDU S. *Ferro Hydrostatic separation of minerals*. MIng Studieleiers: Dr KRP Petersen, prof L Lorenzen.
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12. ERASMUS AB. *Modelling of extractive distillation*. MSc (Ing) Studieleier: Prof I Nieuwoudt.
13. GOKHALE C. *The immobilisation of organic solid and liquid waste by reactive polymerisation*. MSc IngWet Studieleier: Prof L Lorenzen.
14. GREEFF DJ. *Application of evolutionary strategies in the optimization of mineral processing plants*. MIng Studieleier: Prof C Aldrich.
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17. HUMAN C. *Modelling of the synthesis of aluminium nitride powder*. MSc (Ing) Studieleier: Prof SM Bradshaw.
18. KLEINGELD AW. *The development and modelling of impinging stream reactors for effective mass transfer*. MSc (Ing) Studieleier: Prof L Lorenzen.
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20. MARAIS D. *Die ontwikkeling van prosesse vir die vloeibare wynkelderafvalstowwe*. MSc IngWet Studieleier: Prof L Lorenzen.
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24. MOUTON DW. *The development and modelling of coated alumina membrane reactors for hydrogenation/dehydrogenation reactions*. MSc (Ing) Studieleier: Prof L Lorenzen.
25. NIEUWOUDT T. *The separation of alcohols*. MSc (Ing) Studieleiers: Proff I Nieuwoudt, L Lorenzen.
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27. TAN H. *Treatment of Metallurgical waste water by use of ion exchange resins*. MIngWet Studieleier: Prof C Aldrich.

28. TERBLANCHE JC. *The development of vesiculated beads for paints*. MSc (Ing) Studieleier: Prof JH Knoetze.
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30. VAN DE VEN NC. *Manufacture and evaluation of ceramic membrane modules*. MSc (Ing) Studieleiers: Proff I Nieuwoudt, L Lorenzen.
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ELEKTRIESE EN ELEKTRONIESE INGENIEURSWESE (WAARBY INGESLUIT DIE SENTRUM VIR ELEKTRIESE EN ELEKTRONIESE INGENIEURSWESE) ELECTRICAL AND ELECTRONIC ENGINEERING (INCLUDING THE CENTRE FOR ELECTRICAL AND ELECTRONIC ENGINEERING)

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32. KOK R. *Aktiewe visie vir intelligente kamers*. MSc (Ing) Studieleier: Prof DM Weber.
33. KOLLER PJ. *System identification of a submerged arc furnace*. MEng Studieleier: Prof JJ du Plessis.
34. KOTZE PPA. *DSP-gebaseerde ontvanger*. MSc (Ing) Studieleier: Prof GW Milne.
35. LE RICHE PJ. *Automatic hand-signature verification*. MScEng wet Studieleier: Dr JA du Preez.
36. LOCHNER JG. *Die ontwikkeling van 'n DSP-gebaseerde VHF/UHF ontvanger*. MSc (Ing) Studieleier: Prof GW Milne.
37. MALAN J. *Drywingsbeheer in 'n hibriede elektriese voertuig mbv DSP-tegnologie*. MSc (Ing) Studieleier: Dr MJ Kamper.
38. MATHER MN. *Design of a programmable intelligent controller for universal use in hybrid systems*. MSc (Ing) Studieleier: Prof JHR Enslin.
39. MBIDI D. *Ontwikkeling van hoë drywingsdigtheid windturbine magneetgenerator*. MSc (Ing) Studieleier: Dr MJ Kamper.
40. MEYER B. *The impact of new support technology on ESKOM sub-transmission networks*. MSc (Ing) Studieleier/medestudieleier: Prof JHR Enslin/dr HJ Beukes.
41. MOODLEY K. *Netwerkstudies en plasing van 'n dinamiese toekoekwaliteitskompensator in die distribusienetwerk*. MSc (Ing) Studieleier: Prof JHR Enslin.
42. NEL F. *RF stelsels op SUNSAT*. MSc (Ing) Studieleier: Prof GW Milne.
43. NEL PW. *Automatic syllabification*. MSc (Ing) Studieleier: Dr JA du Preez.
44. NOLTE EH. *Fraktale enkodering van beeldelke*. MEng Studieleier: Dr JG Lourens.
45. OPPERMAN BDL. *Verwerking van satellietbeeldelke vir stereo- en bosboutoepassings*. MScEng wet Studieleier/medestudieleier: Prof GW Milne/prof BV Bredenkamp.
46. PRINSLOO M. *Die stabilisering van 'n eenwielrobot*. MEng Studieleier: Prof A Schoonwinkel.
47. RABIE FJ. *Die ontwerp van 'n supervinnige COSL supergeleidende mikroverwerker*. MSc (Ing) Studieleier: Prof WJ Perold.
48. ROSSOUW FJ. *Power quality evaluation at Phalaborwa Mining Comp. specifically evaluating the influence of cyclo-converter driven mine winders on the power quality of distribution networks*. MSc (Ing) Studieleier: Prof JHR Enslin.
49. ROSSOUW J. *RF-substelsel ontwerp vir SUNSAT*. MEng Studieleier: Prof GW Milne.
50. ROZENDAAL A. *Gemengde argutekture vir vae modellering met die oog op multi-diens telekommunikasiestenwerke*. MSc (Ing) Studieleier: Prof JJ du Plessis.
51. RUST AN. *Ontwikkeling van SUNSAT-2 se RAM Disk*. MSc (Ing) Studieleier: Prof PJ Bakkes.
52. SITSHA LMM. *Electrical machines and variable speed drives*. MSc (Ing) Studieleier: Dr MJ Kamper.
53. SMUTS JL. *Alternatiewe energie-aangedrewe elektriese voertuig-uitvoerbaarheidstudie, ontwerp, drywingsbeheer, evaluering*. MSc (Ing) Studieleier: Dr MJ Kamper.
54. SNYMAN A. *Ontwerp en meting van 'n hoë-frekvensiesintetiseerder*. MSc (Ing) Studieleier: Dr JB de Swardt.
55. STEENKAMP NL. *ATM skakelaar*. MSc (Ing) Studieleier: Prof PJ Bakkes.
56. STEYN CH. *Kommunikasieverwerkervelle vir SUNSAT*. MSc (Ing) Studieleier: Prof PJ Bakkes.
57. STRYDOM HL. *Ontwikkeling van 'n hoëspoed PCI-bus vir SUNSAT*. MSc (Ing) Studieleier: Prof PJ Bakkes.
58. SWANEPoEL F. *Beeldprosessering vir biometrika*. MSc (Ing) Studieleier: Prof DM Weber.
59. SWANEPoEL S. *Distributed computer process control system*. MSc (Ing) Studieleier: Prof JJ du Plessis.
60. TAIT J. *Ontwerp en implementering van elektro-optiese antennastelsels*. MSc (Ing) Studieleier: Prof JH Cloete.
61. TEBELE MM. *The modelling of non-residential electrical distribution loads*. MSc (Ing) Studieleier: Prof R Herman.
62. THEUNISSEN MW. *A practical topic spotting system*. MSc (Ing) Studieleier: Dr JA du Preez.
63. VAN DER MERWE B. *Objek-georiënteerde verspreide programmatuur*. MSc (Ing) Studieleier: Prof PJ Bakkes.
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66. VAN DER MERWE M. *Wyeband drywingsversterker by X-band*. MSc (Ing) Studieleier: Dr JB de Swardt.
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69. VAN HEERDEN JP. *Vloeibehandeling vir flotasieprosesse*. MSc (Ing) Studieleier: Prof JJ du Plessis.
70. VAN ROOYEN G. *Direkte digitale FM sintese*. MSc (Ing) Studieleier: Prof JG Lourens.
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MECHANICAL ENGINEERING
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4. RETIEF E. *Oil degredation in light commercial vehicles in Southern Africa*. Southern African Institute of Tribology "Liquid Fuels" One-day Seminar. Pretoria, 1999; 4: 1-20.
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2. ILIC V. *Evaluation and application of ceramic thermal spray coatings in internal combustion engines*. MIng, 1999. 334 pp. Studieleier: Dr AB Taylor.
3. KORNELIUS SP. *Die meganiese en stelselontwerp van 'n voertuig dinamometer vir rit simulasié*. MSc (Ing), 1999. 421 pp. Studieleier: Dr AB Taylor.
4. KRITZINGER HP. *Adiabatic cooling of heat exchanger inlet air*. MSc (Ing), 1999. 171 pp. Studieleier: Prof DG Kröger.
5. SPOELSTRA ML. *Aeroelastic analysis of a ramfoil wing*. MSc (Ing), 1999. 259 pp. Studieleier: Prof NJ Theron.

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1. DOBSON RT. *The heat transfer characteristics of an ammonia-charged inclined two-phase closed thermosyphon*. PhD Promotor: Prof DG Kröger.
2. GANNON AJ. *A design system for axial flow turbomachinery*. PhD Promotor: Prof TW von Backström.
3. MEYER CJ. *A numerical analysis of the plenum flow in air-cooled heat exchangers*. PhD Promotor: Prof DG Kröger.
4. MIGEOTTE G. *Development and optimisation of hydrofoil assisted catamarans*. PhD Promotor: Prof KG Hoppe.
5. SCHREVE K. *Early cost estimation of sand cast products*. PhD Promotor: Prof AH Basson.
6. SCHUELLER A. *Development of a multi-user design procedure, with special consideration of communication and information transfer*. PhD Promotor: Prof AH Basson.
7. TERBLANCHE E. *Loading modes in plasticity, sequence of stress states at the onset of yielding*. PhD Promotor/medepromotor: Prof W Endress/prof NJ Theron.
8. VELDSDAAN G. *Ontwerp vir vervaardiging van RTM gietvorms*. PhD Promotor: Prof AH Basson.

Magister lopend/Master's current

1. BELL AJ. *An investigation into the relationship between fuel formulation and exhaust emissions from spark-ignition engines*. MSc (Ing) Studieleier: Dr AB Taylor.
2. BEYERS JHM. *A numerical analysis of the transient thermal behaviour of the solar chimney collector*. MSc (Ing) Studieleiers: Dr TM Harms, prof DG Kröger.
3. BLAINE DC. *Theoretical and experimental investigation of enhanced heat transfer surfaces*. MIng Studieleier: Prof DG Kröger.
4. COETZEE CJ. *Numerical and experimental simulation of two-dimensional soil-tool interaction*. MSc (Ing) Studieleier: Mnr DNJ Els.
5. CONRADIE PA. *Transient road load simulation for engine testing*. MSc (Ing) Studieleier: Dr AB Taylor.
6. CROUS PG. *Modellering van sleepgraafdinamika*. MSc (Ing) Studieleier: Mnr DNJ Els.
7. DIAB AF. *Investigation into the effect of diesel fuel and lubricant formulation on maintenance cost*. MSc (Ing) Studieleier: Dr AB Taylor.
8. DU TOIT JF. *Design of a flat-bed trailer structure*. MSc (Ing) Studieleier: Mnr E Terblanche.
9. DU TOIT JH. *Die ontwerp van gemengde vloei-waaiers*. MSc (Ing) Studieleier: Prof TW von Backström.
10. EMSLIE LD. *'n Ondersoek na die verwantskap tussen enjin parameters en uitlaatgasse en lewensduur van dieselenjins*. MSc (Ing) Studieleier: Dr AB Taylor.
11. FUNNELL ME. *Studieleier: Monitoring of helicopter tail-rotor vibration*. MSc (Ing) Studieleier: Mnr DVV Pienaar.
12. GOUSSARD CL. *Semi-automatic extraction of primitive geometric entities from point clouds*. MSc (Ing) Studieleier: Prof AH Basson.
13. GREEN JJ. *Engine upgrade design optimisation procedure for manufacture, efficiency performance and exhaust emissions*. MSc (Ing) Studieleier: Dr AB Taylor.
14. GROENEWALD A. *The thermal management of die-casting processes using heat pipes*. MIng Studieleier: Mnr RT Dobson.
15. HEDDERWICK RA. *The determination of the annual power output of a solar chimney power plant located in Sichen, South Africa*. MSc (Ing) Studieleier: Prof DG Kröger.
16. LOMBAARD IF. *Extraction and storage of solar energy for long-term usage*. MSc (Ing) Studieleier: Prof DG Kröger.

17. MAKHEMA TDG. *Performance characteristics of air-cooled heat exchangers*. MSc (Ing) Studieleier: Prof DG Kröger.
18. ROODT HF. *Investigation into the structural properties of cellular solid materials*. MSc (Ing) Studieleier: Mnr E Terblanche.
19. ROUX JK. *Experimental and numerical investigation into dynamic thrust delivered by a shrouded propeller*. MIng Studieleier: Dr GD Thiart.
20. SIZANI X. *Eindige element-ondersoek na stoompyp/plaat koppelings*. MSc (Ing) Studieleier: Mnr E Terblanche.
21. SMIT LvanZ. *'Eksperimentele ondersoek na die verskynsel van vloeding*. MSc (Ing) Studieleier: Prof DG Kröger.
22. SMITH JA. *A computer controlled resin transfer moulding cycle*. MIng Studieleier: Mnr DvV Pienaar.
23. STEYN J. *The design and manufacturing of a flexbeam hub for a helicopter model*. MSc (Ing) Studieleier: Prof NJ Theron.
24. VAN DER HAM GA. *Die gebruik van gasagtige brandstowwe in binnebrandenjins in Suid-Afrika*. MSc (Ing) Studieleier: Dr AB Taylor.
25. VAN DER MERWE JC. *Computation of flow through torque converter stages*. MSc (Ing) Studieleier: Prof TW von Backström.
26. VAN VUUREN CM. *BVM (Berekeningsvloeimechanika) - modellering van binnebrandenjin - induksie en uilaatprosesse*. MSc (Ing) Studieleier: Dr GD Thiart.
27. VERMEULEN JA. *Noise reduction in axial flow fan systems*. MIng Studieleier: Prof DG Kröger.
28. WESTDYK D. *Die invoed van evapotranspirasie op die kwaliteit van lug wat deur 'n "kweekhuis" vloei*. MSc (Ing) Studieleier: Prof DG Kröger.
29. WILLIAMS PNT. *Design for manufacture of camshaft systems for the production of upgraded engines*. MSc (Ing) Studieleier: Dr AB Taylor.

**SIVIELE INGENIEURSWESE
(WAARBY INGESLUIT DIE INSTITUTE VIR
STRUKTUURINGENIEURSWESE
EN TRANSPORTTEGNOLOGIE) /
CIVIL ENGINEERING
(INCLUDING THE INSTITUTES FOR STRUCTURAL
ENGINEERING
AND TRANSPORT TECHNOLOGY)**

Tydskrifartikels/Journal articles

1. ARMITAGE NP, ROOSEBOOM A. The removal of litter from stormwater conduits in the developing world. *Water Science and Technology* 1999; **39**(9): 277-284.
2. BESTER CJ. Variation in heavy vehicle traffic. *Journal of the South African Institution of Civil Engineers* 1999; **41**(3): 7-11.
3. BESTER CJ, STANDER HJ. South African overview of road safety. *ITE Journal, Washington, DC* February 1999; **69**(2): 24-29.
4. LOEDOLFF GF. Hoë-sterkte beton met 'n 34 jaar-oue sement. *Beton/Concrete* 1999; **April**(93): 6-8.

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2. ENGELBRECHT JC, VAN DE VEN MFC. *The use of in situ spectral analysis of surface waves for the evaluation of pavement properties*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 5-21 - 5-27.
3. JENKINS KJ, DE GROOT JLA, VAN DE VEN MFC, MOLENAAR AAA. *Half-warm foamed bitumen treatment, a new process*. CAPSA'99. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 2-65 - 2-73.
4. JENKINS KJ, VAN DE VEN MFC. *Mix design considerations for foamed bitumen mixtures*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-62 - 4-71.
5. JENKINS KJ, VAN DE VEN MFC, DE GROOT JLA. *Characterisation of foamed bitumen*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-72 - 4-80.
6. JENKINS KJ, VAN DE VEN MFC, EBELS LJ, BREDENHANN SJ. *Possibilities for cold mix bituminous paving blocks*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 3-37 - 3-44.
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8. MULLER J, BOTHA JJ, DAVIDSON LK, MORGAN PM, RAJMAKERS JMH, VAN DE VEN MFC. *The relevance and sensitivity of the specified ductility limits for South African bitumens*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-127 - 4-137.
9. SMIT AdeF, HUGO F, ALLEN J, EPPS A. *Model accelerated pavement testing as a tool for augmenting full-scale APT*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 5-157 - 5-165.
10. SMIT AdeF, VAN DE VEN MFC, HENDERSON M. *The mix design and evaluation of a large aggregate asphalt base pavement for Modderdam Road*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-211 - 4-229.
11. SMIT AdeF, VAN DE VEN MFC, JENKINS KJ. *Mix design laboratory compaction of continuously graded large aggregate mixes with temperature variation*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-211 - 4-220.

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13. VAN DE VEN MFC, FRANCKEN L. *Conceptualisation of spatial composition*. CAPSA '99. Victoria Falls, Zimbabwe, 1999: 4-255 - 4-264.
14. VAN DE VEN MFC, VAN ASSEN EJ. *SA bitumen specifications and compositional balance, an international review*. CAPSA'99. Victoria Falls, Zimbabwe, 1999: 4-246 - 4-254.

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2. BESTER CJ, LOOTS CJ. *Truck speeds on gradients*. Proceedings of the South African Transport Conference. Pretoria, 1999; **Session 3B**(Paper 5): 1-11.
3. DUFF-RIDDELL WR. *Strategic logistics management principles in urban public transport*. Proceedings of the South African Transport Conference. Pretoria, 1999; **Session 3A**(Paper 3): 1-12.
4. GÖRGENS AHM. *A framework to assess modelling requirements of catchment management agencies*. Proceedings of the Ninth SA National Hydrology Symposium. University of the Western Cape, 1999; **Session 5**(Paper 1): 1-12.
5. GÖRGENS AHM, BOROTO RA. *Limpopo River: Hydrological investigations to prepare for integrated water resources planning*. Ninth SA National Hydrology Symposium. University of the Western Cape, 1999; **Session 1**(Paper 2): 1-8.
6. MATJI MP, GÖRGENS AHM. *Comparative modelling of phosphorous production in rural catchments*. Proceedings of the Ninth SA National Hydrology Symposium. University of the Western Cape, 1999; **Session 6**(Paper 2): 1-10.
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1. HUGO F, FULTS K, CHEN D-H, SMIT AdeF, BILYEU J. *An overview of the TxMLS programme and lessons learned*. International Conference on Accelerated Pavement Testing. Reno, Nevada, USA, 1999.
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1. BASSON GR, ROOSEBOOM A. *Dealing with reservoir sedimentation. Guidelines and case studies*. International Commission on Large Dams, France, 1999. 102 pp.
2. LOUW JM. *Jacobus Louw (1779-1817) sy voor- en nasate (1628.03.01-1998.02.28)*. US Drukkery, Stellenbosch, 1999. 116 pp.

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2. LORIO R, VAN DE VEN MFC, WESTON C. *An investigation into the use of rockwool fibre as an anti run-off agent in stone mastic asphalt*. UWP/ITT Report, 1999. 21 pp.
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5. SMIT AdeF, VAN DE VEN MFC. *Performance evaluation of candidate mixes for Cape Town International airport using in-field testing with the MMLS*. ITT Report 3-1999, 1999. 3 pp.
6. SMIT AdeF, VAN DE VEN MFC, WESTON C. *Performance and mechanistic evaluation of an inverted roof insulated block pavement structure*. ITT Report 1-1999, 1999. 24 pp.
7. VAN DE VEN MFC, JENKINS KJ, JARVIS J. *Investigation of the performance properties of the Vanguard drive pavement, recycled with foamed bitumen and emulsion respectively and analysed using accelerated pavement testing and triaxial testing*. ITT Report 5-1999, 1999. 37 pp.
8. VAN DE VEN MFC, JENKINS KJ, SMIT AdeF. *Conceptualisation of spatial composition*. ITT Report 2-1999, 1999. 97 pp.
9. VAN DE VEN MFC, JENKINS KJ, SMIT AdeF, JARVIS J. *Investigation into the influence of stiffness of SBR modified base course mix on performance of the layer*. ITT Report 6-1999, 1999. 16 pp.
10. VAN DE VEN MFC, SMIT AdeF, BURGER A. *Preliminary report on mechanical testing of Bitplus specimens*. ITT Report 4-1999, 1999. 22 pp.

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1. GRIESEL E.J. *The influence of controlled environmental conditions on the potential durability of concrete*. MIng, 1999. 259 pp. Studieleier: Mnr G Maritz.
2. ROSSOUW C. *The probability of occurrence and intensity of tropical cyclones along the Southern African East coast*. MIng cum laude, 1999. 98 pp. Studieleier: Dr J Rossouw.

Doktoraal lopend/Doctoral current

1. ARMITAGE NP. *Drie-dimensionele sedimentvervoer*. PhD Promotor: Prof A Rooseboom.
2. BARNARD H. *Serviceability limit state design criteria for EOTC supporting structures*. PhD Promotor: Prof PE Dunaiski.
3. BOROTO RA. *Development of a hydrological model of the Limpopo River*. PhD Promotor: Prof AHM Görgens.
4. DUFF-RIDDELL WR. *Strategic logistic management in urban public transport*. PhD Promotor: Prof CJ Bester.
5. JENKINS KJ. *Mix design considerations for cold and half-warm bituminous mixes with emphasis on foamed bitumen*. PhD Promotor: Prof MFC van de Ven.
6. JONKER V. *Hydraulic relationships for determining ecological flow requirements components in winter rainfall rivers*. PhD Promotors: Proff A Rooseboom, AHM Görgens.
7. KER-FOX GM. *The limit state cost function (LSCF) as a risk management tool for construction projects - mechanisms creating correlation*. PhD Promotor: Prof JV Retief.
8. MILNE TI. *Towards a performance-related seal design method for bitumen and modified bitumen seal binders*. PhD Promotor: Prof MFC van de Ven.
9. PIENAAR WJ. *The economic evaluation of bus and minibus taxi terminals and transfer facilities*. PhD Promotor: Prof CJ Bester.
10. POOLMAN P. *The modelling of driver behaviour*. PhD Promotor: Prof CJ Bester.
11. ROSSOUW M. *Seegolf modellering*. PhD Promotor: Dr J Rossouw.
12. SCHOONEES JS. *Longshore sediment transport in terms of the applied wave power approach*. PhD Promotor: Prof A Rooseboom.
13. SINSKE AN. *Comparative evaluation of the model-centred and the object-centred approach to the optimization of sewer networks*. PhD Promotor: Prof PE Dunaiski.
14. SMIT AdeF. *A mix design analysis system towards improved performance of thick asphalt bases*. PhD Promotor: Prof MFC van de Ven.
15. TER HAAR TR. *A rational approach towards the design criteria for serviceability limit state design of industrial steel structures*. PhD Promotor: Prof PE Dunaiski.
16. VAN ZYL NJW. *Land use transport strategies to cope with suburbanisation*. PhD Promotor: Prof CJ Bester.
17. VERHAEGHE BMJA. *Development and implementation of a product performance guarantee system (PPGS) in South Africa*. PhD Promotor: Prof MFC van de Ven.

Magister lopend/Master's current

1. BARWELL L. *Aspects of coastal engineering*. MIng Studieleier: Dr J Rossouw.
2. BESTER A. *Besluitsteunstelsels vir projek risikobestuur*. MSc (Ing) Studieleier: Prof JV Retief.
3. BESTER JW. *Aspects of tunnel roughness*. MIng Studieleier: Prof A Rooseboom.
4. BRAND WW. *Reliability of a prestressed concrete beam designed according to SABS 0160 (1989) and SABS 0100 (1992)*. MIng Studieleier: Prof JV Retief.
5. BREDENHANN SJ. *Effect of loads and variability of loads and pavement materials*. MIng Studieleier: Prof MFC van de Ven.
6. BRUCE HGS. *Waterbouwkunde*. MSc (Ing) Studieleier: Prof A Rooseboom.

7. BURGER AF. *Towards performance-related specifications for polymer modified bitumen in South Africa*. MSc (Ing) Studieleier: Prof MFC van de Ven.
8. CANTO RR. *High flood measurements*. MSc (Ing) Studieleier: Dr J Rossouw.
9. CONRADIE RV. *The implications of the proof load tests for precast portal culverts*. MIng Studieleier: Mnr G Maritz.
10. GÜNTHER UK. *High flows: Measurement of approach velocities*. MSc (Ing) Studieleier: Prof A Rooseboom.
11. HALKEMA RL. *Probability and reliability based code design for steel structures*. MSc (Ing) Studieleier: Prof JV Retief.
12. JAKOET J. *Methods of improving the tendering ability of private bus companies*. MSc (Ing) Studieleier: Prof CJ Bester.
13. KAPP GS. *Waterboukunde*. MSc (Ing) Studieleier: Dr J Rossouw.
14. KOEN CB. *Ontwerp van 'n universele balk-toetsfasilitet*. MSc (Ing) Studieleier: Prof PE Dunaiski.
15. MALES RJ. *The application of hydrological and water quality modelling in an urban context to support integrated management*. MSc (Ing) Studieleier: Prof AHM Görgens.
16. MANGOPE RR. *Design flood procedures manual for Botswana*. MSc (Ing) Studieleier: Prof AHM Görgens.
17. MARTHEZE J. *Design guidelines for public transport transfer facilities*. MIng Studieleier: Prof CJ Bester.
18. MATJI MP. *Modelling of phosphorous loads in Western Cape rivers*. MSChngwet Studieleier: Prof AHM Görgens.
19. MEYER C. *Vryvlakstroming*. MSc (Ing) Studieleier: Prof A Rooseboom.
20. MOLLETT CJ. *Analysis of road traffic accident data*. MIng Studieleier: Prof CJ Bester.
21. MUHIMUA JOAO A. *Reliability of ultimate load requirements of the SABS 0100 reinforced concrete code*. MSc (Ing) Studieleier: Mnr G Maritz.
22. NAUDE A. *Aspects of water demand management*. MIng Studieleiers: Proff A Rooseboom, AHM Görgens.
23. NG'ANJO P. *Research into the properties of laterite soils in Zambia and design of pavement structures using the results from the research*. MIng Studieleier: Prof MFC van de Ven.
24. NITSCHE NC. *Implementation of a water quality hydrodynamic model to the Berg River*. MSChngwet Studieleier: Prof AHM Görgens.
25. PEREZ-WINKLER AR. *Investigation of sliding and rolling frictional interaction at the surface of contact between an OHT Crane wheel and support rail*. MSc (Ing) Studieleier: Prof PE Dunaiski.
26. RENNIE MP. *Advanced analysis of plane frames*. MIng Studieleier: Mnr GC van Rooyen.
27. ROUX HS. *Aspekte van vervoergeriewenswese*. MIng Studieleier: Prof CJ Bester.
28. THERON AK. *Sediment transport regime at East London*. MIng Studieleier: Dr J Rossouw.
29. TUKKER MJ. *Interactive water quality information system for river management*. MSChngwet Studieleier: Prof AHM Görgens.
30. VAN DER WESTHUIZEN AJ. *Golf refraksie (Kusboukunde)*. MSc (Ing) Studieleier: Dr J Rossouw.
31. WALUBITA LF. *Effects of increased traffic axle wheel loads and tyre pressure on pavement life with respect to fatigue cracking and rutting*. MIng Studieleier: Prof MFC van de Ven.

TOEGEPASTE WISKUNDE / APPLIED MATHEMATICS

Tydskrifartikels/Journal articles

1. BLACK W, WEIDEMAN JAC, HERBST BM. A note on an integrable discretization of the nonlinear Schrödinger equation. *Inverse Problems* 1999; **15**: 807-810.
2. DREYER TP, VAN VUUREN JH. A comparison between continuous and discrete modelling of cables with bending stiffness. *Applied Mathematical Modelling* 1999; **23**: 527-541.
3. DU PLESSIS JP. Introducing a percolation threshold in pore-scale modelling. *Physics and Chemistry of the Earth* 1999; **24**(7): 617-620.
4. SMIT GJF, DU PLESSIS JP. Modelling of non-Newtonian purely viscous flow through high porosity synthetic foams. *Chemical Engineering Science* 1999; **54**: 645-654.
5. VAN VUUREN JH. Resilience in reaction-diffusion systems. *IMA Journal of Applied Mathematics* 1999; **62**: 1-19.

Referate internasional/Papers international

1. VAN VUUREN JH, GRÜNDLINGH WR. *An active decision support system for optimality in open air reservoir release strategies*. 15de Driejaarlike Kongres van die Internasionale Federasie van Operasionele Navorsingsverenigings. Beijing, China, 1999.
2. WEIDEMAN JAC. *Quadrature rules based on partial fraction expansions*. Internasionale Konferensie oor Rasionale Benadering. Universiteit van Antwerpen, België, 1999.

Referate nasionaal/Papers national

1. DE KOCH HC, WIXLEY CD. *Formulating diets for ostriches*. Jaarkongres van die Operasionele Navorsingsvereniging van Suid-Afrika. Dikhololo, Pretoria, 1999.
2. FOURIE PdUT. *OR Education in South Africa*. Jaarkongres van die Operasionele Navorsingsvereniging van SA. Dikhololo, Pretoria, 1999.
3. WAGENAAR E, VAN VUUREN JH. *The role of management style in the performance of investment portfolios*. Jaarkongres van die Operasionele Navorsingsvereniging van Suid-Afrika. Dikhololo, Pretoria, 1999.

Doktoraal afgehandel/Doctoral completed

1. DU PLESSIS SA. *A conceptual framework for the development of intelligent, learning style- and computer-based educational software for topics from operations research*. PhD, 1999. 578 pp. Promotor: Dr HC de Kock.

Doktoraal lopend/Doctoral current

1. COETZER J. *Offline signature verification.* PhD (Ingwet) Promotor: Prof BM Herbst.
2. DIEDERICKS GPJ. *Pore-scale modelling of transport phenomena in homogeneous porous media.* PhD Promotor: Prof JP du Plessis.
3. DU TOIT E. *A quantitative bio-economic investigation of inshore fisheries.* PhD Promotor/medepromotor: Dr GC Cruywagen/prof JP du Plessis.
4. FOURIE JG. *Heat transfer in porous media.* PhD (Ingwet) Promotor: Prof JP du Plessis.
5. KATZ MP. *Black-Scholes equation, utilities and chaos.* PhD Promotor: Prof BM Herbst.
6. MAGAIA LL. *The 3D reconstruction of facial images from streams of video images.* PhD Promotor: Prof BM Herbst.
7. MULLER NL. *Facial recognition using eigenfaces.* PhD Promotor: Prof BM Herbst.

Magister lopend/Master's current

1. CONRADIE T. *Besluitneming in voorspelling deur middel van attraktorrekonstruksie. [Decision-making in prediction using attractor reconstruction.]* MSc Studieleier: Prof M Gerber.
2. DIPPENAAR EC. *Operasionele navorsing oor vervroegde aftrede. [Operational research on early retirement.]* MSc Studieleier: Prof G Geldenhuys.
3. HUDDLESTONE G. *Die voorspelling van nie-linieêre tydsreeks. [The prediction of non-linear time series.]* MSc Studieleier: Prof M Gerber.
4. PIENAAR PRdEV. *Dose and dwell time calculations in remote afterloading brachytherapy.* MSc Studieleier: Mnr WFD Theron.
5. STIPP E. *Multipartite Ramsey numbers.* MSc Studieleier: Dr JH van Vuuren.
6. VAN ROOYEN R. *The automated search or analysis of microlensing events.* MSc Studieleier: Prof BM Herbst.

FAKULTEIT GENEESKUNDE FACULTY OF MEDICINE

ANATOMIE EN HISTOLOGIE / ANATOMY AND HISTOLOGY

Tydskrifartikels/Journal articles

1. DU TOIT DF, SAAIMAN A. Carotid stenting - why and who should replace gold standards. *South African Medical Journal* 1999; **89**: 327.
2. DU TOIT DF, SAAIMAN A. Endovascular surgery into the next century. *Heart to Heart SA Heart Foundation* 1999; Spring: 14-15.

Verrigtinge internasional/Proceedings international

1. LABUSCHAGNE BCJ. *An approach to quality teaching management*. Proceedings of the International Conference on TQM and Human Factors. Linköping, Swede, 1999; **2**: 409-414.

Referate internasional/Papers international

1. CHASE CC, GELDENHUYSEN KM, BEZUIDENHOUT J. *Lymphoid tissue in human parietal pleura*. 29th Congress of the Anatomical Society of Southern Africa. Sun City, 1999.
2. DU TOIT DF, SAAIMAN A. *Carotid Stent-Assisted Angioplasty (CSSA): Two year follow-up of 136 consecutive patients*. Vascular Society of Southern Africa Congress. Sun City, 1999.
3. DU TOIT DF, SAAIMAN A. *The challenging iliac segment: Important technical strategies needed to ensure safe EVR of AAA*. Vascular Society of Southern Africa Congress. Sun City, 1999.
4. DU TOIT DF, SAAIMAN A. *Impact of technical advances on carotid artery stenosis: Two year follow up of 139 consecutive patients with stent-assisted angioplasty*. 2nd International Congress of Cardiology and Cardiac Surgery in the Indian Ocean. Mauritius Island, 1999.
5. GELDENHUYSEN KM, DU PLESSIS L, BEZUIDENHOUT J, MARX MP. *The molecular analysis of genome changes in lymphomas*. 29th Congress of the Anatomical Society of Southern Africa. Sun City, 1999.
6. LABUSCHAGNE BCJ. *An approach to quality teaching management*. The International Conference on TQM and Human Factors. Linköping, Swede, 1999.
7. MULLER CJF, DU TOIT DF, BEYERS AD, PAGE BJ, MULLER N, MATTYSSEN J, LYNNERS RFC. *Prolongation of foetal rat pancreas allograft survival using a nondepleting anti-CD4 monoclonal antibody W3/25*. XVIII Congress of the Southern African Transplantation Society. Mount Amanzi Lodge, Hartebeesport Dam, 1999.
8. MULLER CJF, DU TOIT DF, PAGE BJ, MATTYSSEN J, ARENDSE C, LYNNERS R. *The efficacy of Mycophenolate Mofetil (MMF) and Malononitrilamide (MNA) as immunosuppressants, alone or in combination with Cyclosporin (CSA), in an allogeneic foetal rat pancreatic transplantation*. XVIII Congress of the Southern African Transplantation Society. Mount Amanzi Lodge, Hartebeesport Dam, 1999.

Boeke/Books

1. DU TOIT DF, SAAIMAN A. *Illustrated Manual of Endovascular Stent-Graft Treatment of Abdominal Aortic Aneurysms*. JL van Schaik, 1999. 118 pp.

Doktoraal lopend/Doctoral current

1. PAGE BJ. *A histological and morphometric assessment of endocrine and ductular proliferation in the adult rat pancreas using an occlusive pancreatic duct ligation model*. PhD Promotor: Prof DF du Toit.

Magister lopend/Master's current

1. MULLER CJF. *Preclinical assessment of the novel immunosuppressive properties of anti-CD4 Monoclonal antibodies (mAb) in an allogeneic foetal rat pancreatic transplantation, diabetic, laboratory animal model*. MSc Studieleier/medestudieier: Prof DF du Toit/prof AD Beyers.

ANATOMIESE PATHOLOGIE / ANATOMICAL PATHOLOGY

Tydskrifartikels/Journal articles

- BASTIAAN HS, FRANKEN DR, WRANZ P. G-protein regulation of solubilized human zona pellucida mediated acrosome reaction and zona pellucida binding. *Journal of Assisted Reproduction and Genetics* 1999; **16**(6): 332-336.
- BATES WD, DAVIES DR, WELSH K, GRAY DWR, FUGGLE SV, MORRIS PJ. An evaluation of the Banff classification of renal allograft biopsies and correlation with outcome. *Nephrology Dialysis Transplantation* 1999; **14**: 2364-2369.
- DU PLESSIS DG, LOUW JA, WRANZ PAB. Mucinous epithelial cysts of the spleen associated with pseudomyxoma peritonei. *Histopathology* 1999; **35**: 551-557.
- FURNESS PN, LEVESLEY J, LUO Z, TAUB N, KAZI JI, BATES WD, NICHOLSON ML. A neural network approach to the biopsy diagnosis of early acute renal transplant rejection. *Histopathology* 1999; **35**: 461-467.
- HESSELING PB, ANKONE K, WESSELS G, SCHNEIDER JW, DU PLESSIS L, MOORE S. Neuroblastoma in Southern Africa: Epidemiological features, prognostic factors and outcome. *Annals of Tropical Paediatrics* 1999; **19**: 357-363.
- SCHNEIDER JW, JORDAAN HF. About the histopathology of Eritema Induratum – Nodular vasculitis. *American Journal of Dermatopathology* 1999; **21**(3): 301-303.
- VAN BUUREN AJ, BATES WD, MULLER N. Namibian nephrotic syndrome in children. *South African Medical Journal* 1999; **89**(10): 1088-1091.
- VAN DEN BOSCH T, VANDENDAEL A, WRANZ PAB, LOMBARD CJ. Cervical cytology in menopausal women at high risk for endometrial disease. *European Journal of Cancer Prevention* 1998; **7**: 149-152.
- VOSS M, SCHNEIDER JW, APPFELSTAEDT JP. Axillary lymph node involvement in stage III breast cancer: Treatment implications. *Journal of Surgical Oncology* 1999; **71**: 162-166.
- WARREN BL, CARSTENS AC, FALCK VG. Acute acalculus cholecystitis - a clinical-pathological disease spectrum. *South African Journal of Surgery* 1999; **37**(4): 99-104.

Verrigtinge internasional/Proceedings international

- MOORE SW, SCHNEIDER JW, SCHAAF HS. *The risk of malignancy in cervical lymphadenopathy in children: A study of 1813 children*. *Medical and Pediatric Oncology* 1999; **33**(3): 344.

Verrigtinge nasionaal/Proceedings national

- BEZUIDENHOUT J, FENHALLS G, WONG A, LUKEY P, BARDIN P. *Cytokine mRNA in human tuberculous granulomas*. 15th South African Pulmonology Congress. Wild Coast Sun, 1999; *South African Medical Journal* 1999; **89**: 3.
- BEZUIDENHOUT J, VAN SCHALKWYK EM, BARDIN PG, JOUBERT JR. *The histological grading of pulmonary sarcoidosis*. 15th South African Pulmonology Congress. Wild Coast Sun, 1999; *South African Medical Journal* 1999; **89**: 3.
- VAN SCHALKWYK EM, BEZUIDENHOUT J, WYSER CP, BARDIN PG, JOUBERT JR. *Descriptive study of pulmonary sarcoidosis in smokers and non-smokers*. 15th South African Pulmonolgy Congress. Wild Coast Sun, 1999; *South African Medical Journal* 1999; **89**: 3.

Referate internasional/Papers international

- BASTIAAN HS, FRANKEN DR, WRANZ P. *The role of G protein during zona pellucida mediated acrosome reaction among normo- and teratozoospermic men*. Andrology in the nineties: International Symposium on Human Sub-fertility. Cape Town, South Africa, 1999.
- MULLER CJF, DU TOIT DF, BEYERS AD, PAGE BJ, MULLER N, MATTYSSEN J, LYNNERS RFC. *Prolongation of foetal rat pancreas allograft survival using a nondepleting anti-CD4 monoclonal antibody W3/25*. XVIII Congress of the Southern African Transplantation Society. Mount Amanzi Lodge, Hartebeespoort Dam, 1999.

Referate nasionaal/Papers national

- BASTIAAN HS, FRANKEN DR, WRANZ P. The role of G protein during zona pellucida mediated acrosome reaction among normo- and teratozoospermic men. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
- BEZUIDENHOUT J, FENHALLS G, STEVENS L, LUKEY P, BARDIN P. *Immunopathology of tuberculosis: The role of cytokines in the pathogenesis*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
- BEZUIDENHOUT J, FENHALLS G, STEVENS L, LUKEY P, SCHNEIDER JW, BARDIN P. *Cytokines in pulmonary human tuberculosis: Immunohistochemistry for TNF-alpha, IFN-γ and IL4*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
- CHASE CC, GELDENHUYSEN KM, BEZUIDENHOUT J. *Lymphoid tissue in human parietal pleura*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
- COLESKY FJ, SCHNEIDER JW, JORDAAN HF. *Clinicopathological features of dermatofibrosarcoma protuberans*. 39th Annual Congress, Federation of South African Societies of Pathology. Durban, 1999.
- COLESKY FJ, SCHNEIDER JW, JORDAAN HF. *Clinicopathological features of dermatofibrosarcoma protuberans*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
- DE MILANDER C, PETERSEN J. *Ascus in the presence of infection: A diagnostic dilemma*. 15th National Medical Technology Congress. Port Elizabeth, 1999.

8. FENHALLS G, WONG A, BEZUIDENHOUT J, VAN HELDEN P, BARDIN P, LUKEY P. *TNF-alpha, IFN-γ and IL4 mRNA produced in situ in human tuberculous granulomas*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
9. GREEFF M, LOUW M, WRANZ P. *Who's who in the cytospace zoo!* 15th National Medical Technology Congress. Port Elizabeth, 1999.
10. HESSELING PB, MOLYNEUX E, BROADHEAD R, SCHNEIDER JW, BORGSTEIN E, WESSELS G, LOUW I. 'Nuwe strategie om kinders met Burkitt se limfoom in Malawi te behandel - bevindings van 'n internasionale loodsstudie'. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
11. JORDAAN HF, ABDULLA EAK, SCHNEIDER JW. *Disseminated histoplasmosis in advanced HIV-disease: a report of 4 patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
12. JORDAAN HF, SCHNEIDER JW. *Dermal dendrocytic hamartoma with stubby white hair complicated by a congenital dermatofibrosarcoma protuberans*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
13. JORDAAN HF, SCHNEIDER JW. *Secondary anetoderma involving a pilomatricoma: A report of 2 cases*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
14. JORDAAN HF, SCHNEIDER JW, ABDULLA EAK. *Nodular tuberculid. A report of 4 patients*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
15. JORDAAN HF, SCHNEIDER JW, ABDULLA EAK. *Nodular tuberculid. A report of 4 patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
16. LOUW M, KNAPPE M, GREGOR RT. *Ultrasound-guided fine needle aspiration (US-FNA) for the assessment of cervical lymph nodal metastases in head and neck cancer*. 15th National Medical Technology Congress. Port Elizabeth, 1999.
17. LOUW M, SMIT K, WRANZ PAB. *A systematic approach for distinguishing benign from malignant breast disease*. 15th National Medical Technology Congress. Port Elizabeth, 1999.
18. MULLER N, BATES W. *Preparation of a fresh renal biopsy for diagnostic histological evaluation*. 15th National Medical Technology Congress. Port Elizabeth, 1999.
19. MULLER N, BATES W. *Preparation of a fresh renal biopsy for diagnostic histological evaluation*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
20. MULLER CJF, DU TOIT DF, BEYERS AD, PAGE BJ, MULLER N, MATTYSSEN J, LYNERS RFC. *Prolongation of foetal rat pancreas allograft survival using a nondepleting anti-CD4 monoclonal antibody W3/25*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
21. MULLER CJF, DU TOIT DF, PAGE BJ, WOODROOF C, MULLER N, MATTYSSEN J, ARENDSE C, LYNERS RFC. *Kan fetale parkreasoorplanting chemies geïnduseerde diabetes in 'n isogeneiese rotmodel omkeer? 'n Langtermyn opvolg*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
22. OSBORN A, RUTHERFOORD GS, SCHOEMAN J, MACDONALD A, HEWLETT RH. *Topics in correlative neuroimaging-pathology*. Correlative neuroimaging-pathology Workshop. Camps Bay, Cape Town, 1999.
23. RUTHERFOORD GS. *Update in neuropathology - Dysembryoplastic neuroepithelial tumours*. 39th Annual Congress, Federation of South African Societies of Pathology. Durban, 1999.
24. RUTHERFOORD GS. *Update in neuropathology - WHO grading-imaging correlation of gliomas*. 39th Annual Congress, Federation of South African Societies of Pathology. Durban, 1999.
25. SCHNEIDER JW. *Dermatopathology Seminar - Presentation and review of 20 cases*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
26. SMIT K, LOUW M. *Cytological grading: Adding prognostic value to fine needle aspirates from breast carcinomas*. 15th National Medical Technology Congress. Port Elizabeth, 1999.
27. SMITH J, GROBLER A, GEERTS L, SCHNEIDER JW. *Immunocytokeratin expression and confocal laser scanning microscopy (CLSM) in the developing premature human lung*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
28. STEVENS L, FENHALLS G, BEZUIDENHOUT J, LUKEY P, BARDIN P. *Cytokine receptors in human pulmonary tuberculosis*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
29. TREURNICHT FK, SMITH T-L, ENGELBRECHT SE, SCHNEIDER JW, JORDAAN HF, MOOSA MR, TAYLOR M, VAN RENSBURG EJ. *Characterization of HHV-8 subtypes circulating in South Africa*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
30. VERMEULEN KW, SCHNEIDER JW, JORDAAN HF. *A computerised diagnostic aid and interactive reference guide in Dermatopathology*. 39th Annual Congress, Federation of South African Societies of Pathology. Durban, 1999.
31. VERMEULEN KW, SCHNEIDER JW, JORDAAN HF. *A computerised diagnostic aid and interactive reference guide in Dermatopathology*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
32. VISAGIE B, VAN DER WESTHUIZEN N. *Handling of a liver biopsy for diagnostic histological evaluation*. 15th National Medical Technology Congress. Port Elizabeth, 1999.
33. WINDT M-L, EL SHAFIE M, KITSHOFF M, KRUGER TF, SOUSA M. *Transmission electron microscopic (TEM) evaluation of morphological abnormal oocytes*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
34. ZERBST W, GEIGER DH, SCHNEIDER JW, WRANZ PAB. *Die effektiwiteit van CD31 immunohistochemie*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.

Doktoriaal lopend/Doctoral current

1. BEZUIDENHOUT J. *Cytokines and Tuberculosis: An investigation of tuberculous lung tissue and a comparison with sarcoidosis*. PhD Promotor: Prof P Bardin.
2. BATES WD. *Membranous glomerulonephritis - adult idiopathic compared to HBV associated in children*. MD Promotor: Prof JJ Joubert.

Magister lopend/Master's current

1. COLESKY FJ. *Clinicopathological features of dermatofibrosarcoma protuberans*. MMed Studieleiers: Proff JW Schneider, HF Jordaan.
2. JAMES RWJ. *Histological features of the lungs of surfactant deficient rabbits: Intratracheal reconstituted surfactant replacement therapy versus placebo*. MMed Studieleier: Dr J Bezuidenhout.
3. VERMEULEN KW. *A computerised diagnostic aid and interactive reference guide in Dermatopathology*. MMed Studieleiers: Proff JW Schneider, HF Jordaan.

ANESTESIOLOGIE / ANAESTHESIOLOGY

Tydskrifartikels/Journal articles

1. BOEZAART A, DE BEER J, DU TOIT C, VAN ROOYEN K. A new technique of continuous interscalene nerve block. *Canadian Journal of Anesthesia* 1999; **46**(3): 275-281.
2. BOEZAART A, EKSTEEN J, VAN DER SPUY G, ROSSOUW P, KNIFE M. Double blind evaluation of optimal dosage for analgesia after major lumbar spinal surgery. *Spine* 1999; **24**(11): 1131-1137.
3. CONRADIE S, COETZEE A, COETZEE J. Anesthetic modulation of myocardial ischemia and reperfusion injury in pigs: Comparison between halothane and sevoflurane. *Canadian Journal of Anesthesia* 1999; **46**(1): 71-81.
4. GOVENDER V, LE ROUX P, ROSSOUW P, COETZEE A. Magnesium and myocardial reperfusion injury – a study in patients undergoing coronary artery bypass surgery. *Cardiovascular Journal of South Africa (SAMT)* 1999; **8**(Supplement 3): C144-C149.
5. MALHERBE S, CONRADIE S, COETZEE A. Effect of magnesium on myocardial ischaemia and reperfusion injury. *Cardiovascular Journal (SAMT)* 1999; **8**(Supplement 3): C135-C143.
6. ROELOFSE JA, PAYNE K. Oral tramadol: Analgesic efficacy in children following multiple dental extractions. *European Journal of Anaesthesiology* 1999; **16**: 441-447.

Referate nasional/Papers national

1. BOEZAART A. *Advanced interscalene nerve block*. Gauteng Society of Regional Anesthetists. Johannesburg, 1999.
2. BOEZAART A. *Scavenging the Jackson Rees modification of the Ayres T-piece*. Anaesthetic Society Congress. Cape Town, 1999.
3. BOEZAART A. *Topical anaesthesia versus retrobulbar block for cataract surgery*. Ophthalmology Society Congress. Cape Town, 1999.

Doktoraal afgehandel/Doctoral completed

1. BOEZAART AP. *Cerebral blood flow, metabolism and function during induced hypotension: An animal study comparing esmolol with isoflurane and sodium nitroprusside*. PhD, 1999. 200 pp. Promotor: Prof A Coetze.

Magister afgehandel/Master's completed

1. FOURIE CF. *The influence of alfentanil on the pharmacokinetics of propofol*. MMed, 1999. 44 pp. Studieleier: Prof JF Coetze.
2. GOVENDER V. *The effect of magnesium on the myocardial injury following upon coronary artery bypass surgery*. MMed, 1999. 62 pp. Studieleier: Prof A Coetze.
3. KAISER K. *Effects of a re-expansion manoeuvre during emergence from general anaesthesia on early postoperative lung volumes*. MMed, 1999. 58 pp. Studieleier: Prof A Coetze.
4. MALHERBE DS. *The effect of magnesium on the reperfusion injury of the myocardium*. MMed, 1999. 58 pp. Studieleier: Prof A Coetze.
5. PIENAAR JH. *Die voorspelbaarheid van end-ekspiratoriiese konsentrasies van vier verskillende inhalasiemiddels*. MMed, 1999. 35 pp. Studieleier: Prof JF Coetze.
6. SCHOEMAN SJ. *The effect of lower fresh gas flow on the consumption of volatile agents*. MMed, 1999. 40 pp. Studieleier: Prof JF Coetze.
7. VAN DER LEEK F. *'n Ondersoek na effektiewe heparinisasie gedurende kardiopulmonêre omleiding*. MMed, 1999. 53 pp. Studieleier: Prof A Coetze.
8. VAN DER VYVER MJ. *Teiken-gekonroleerde propofol infusies: 'n studie van voorspelde wakkerwordtye*. MMed, 1999. 35 pp. Studieleier: Prof JF Coetze.

Doktoraal lopend/Doctoral current

1. LEVIN A. *A study of right ventricular performance during one-lung anaesthesia*. PhD Promotor: Prof A Coetze.
2. VAN DER MERWE WL. *Renal dysfunction of the infrarenal crossclamping of the aorta during major vascular surgery*. MD Promotor: Prof A Coetze.

Magister lopend/Master's current

1. BOSMAN M. *Onderdrukking van die hoesrefleks tydens ontwaking uit narkose: Vergelyking van tegnieke.* MMed Studieleier: Dr P le Roux.
2. CONRADIE DM. *'n Studie van algemene kardiopulmonêre respons op die doen van kroonaaromleidings sonder die hulp van kardiopulmonêre omleiding.* MMed Studieleier: Prof AR Coetze.
3. EATON L. *Target-controlled infusions of remifentanyl: Evaluation of three pharmacokinetic parameter sets.* MMed Studieleier: Prof JF Coetze.
4. JOLLANDS C. *A comparison of the relative adequacy of analgesia between caudal regional anaesthesia, 0.25% bupivacaine ankle block and 0.125% bupivacaine ankle block in infants undergoing clubfoot repair.* MMed Studieleier: Dr M Coetzer.
5. LE ROUX MJ. *Die effek van klonidien op die MAC van desfluraan.* MMed Studieleier: Prof JF Coetze.
6. LEEUW G. *Elektro-enkefalografiese effekte van sevofluraan.* MMed Studieleier: Prof JF Coetze.
7. LOCHNER DJA. *Om te bepaal of lignokaïen (40 mg) die lokale pyn veroorsaak deur die intraveneuse toediening van propofol tydens induksie van narkose voorkom.* MMed Studieleier: Prof AR Coetze.
8. NEUMEISTER G. *Die invloed van propofol op alfentaniël se farmakokinetika.* MMed Studieleier: Prof JF Coetze.
9. PIETERS B. *Dermkanaalwandsgemie en SIRS in pasiënte vir kroonaarchirurgie. Die rasionale van aggressiewe vogterapie peri-op vir die bekamping van SIRS post-op.* MMed Studieleier: Prof AR Coetze.
10. PRETORIUS RS. *The use of the bispectral index (BIS) as a guide to desflurane administration.* MMed Studieleier: Prof JF Coetze.
11. ROBSON B. *Target-controlled infusions of remifentanil – evaluation of three pharmacokinetic parameter sets.* MMed Studieleier: Prof JF Coetze.
12. ROSSOUW F. *'n Vergelykende studie tussen kanule A en kanule B. 1) Prys, 2) Effektiwiteit teen terugvloei en eenrigtingklep beskerming teen spuitkontaminasie dmv radioaktiewe merkers.* MMed Studieleier: Dr M Coetzer.
13. SCHMIDT L. *Arteriële respons op α adrenoceptorstimulasie by hypertensieve en nomotensieve pasiënte.* MMed Studieleier: Prof AR Coetze.
14. SWANEVELDER C. *Electrochemical activation phenomenon: effect on reperfusion of the heart.* MMed Studieleier: Prof AR Coetze.
15. VAN DER MERWE SW. *Alveolêre herwinning en stabilisasié: 'n Metode om onmiddellik intra- en post-operatiewe suurstofspanning te verbeter.* MMed Studieleier: Prof AR Coetze.
16. VAN RENSBURG AE. *Rocuronium en Cisatracurium: 'n Farmakodinamiese studie.* MMed Studieleier: Prof JF Coetze.
17. VAN SCHALKWYK H. *Comparison of cardiovascular effects of sevo and halothane with and without auropine premed in children.* MMed Studieleier: Dr K Payne.
18. VOS C. *Die rol van die K₊ATP-kanaal in die beskermende effek van sevofluraan in die rothart model.* MMed Studieleier/meandestudieleier: Prof JF Coetze/prof A Lochner.
19. WEICH S. *Ondersoek na die veiligheidsaspekte van lae-vloei narkose.* MMed Studieleier: Prof JF Coetze.

CHEMIESE PATHOLOGIE / CHEMICAL PATHOLOGY

Referate internasionaal/Papers international

1. DANIELS WMU, VAN RENSBURG SJ, POTOCNIK FCV, DE VILLIERS JNP, TALJAARD JJF. *Co-occurrence of transferrin C2 and Apo E-ε 4 predicts early onset Alzheimer's disease.* 5th International Brain Research Organisation World Congress of Neuroscience. Jerusalem, Israel, 1999.
2. VAN RENSBURG SJ, DE VILLIERS JNP, POTOCNIK FCV, CARSTENS ME, TALJAARD JJF. *Is transferrin C2 a susceptibility factor for Alzheimer's disease and vascular dementia?* 5th International Brain Research Organisation World Congress of Neuroscience. Jerusalem, Israel, 1999.
3. VAN RENSBURG SJ, DE VILLIERS JNP, POTOCNIK FCV, KOTZE MJ, CARSTENS ME, TALJAARD JJF. *Transferrin C2 in Alzheimer's disease and vascular dementia.* Vascular Factors in Alzheimer's Disease. International Meeting. Northumberland, England, 1999.
4. VAN RENSBURG SJ, POTOCNIK FCV, CARSTENS ME, TALJAARD JJF. *The effect of iron and aluminium on transferrin and other serum proteins as revealed by isoelectric focusing gel electrophoresis.* Vascular Factors in Alzheimer's Disease. International Meeting. Northumberland, England, 1999.
5. VAN RENSBURG SJ, POTOCNIK FCV, DE VILLIERS JNP, HUGO FJ, KOTZE MJ, TALJAARD JJF. *Earlier age onset of Alzheimer's disease in patients with both the transferrin C2 and apolipoprotein E-ε 4 alleles.* Vascular Factors in Alzheimer's Disease. International Meeting. Northumberland, England, 1999.

Doktoraal afgehandel/Doctoral completed

1. BURGESS LJ. *Determination of the pathogenetic mechanisms for, and the diagnostic significance of increased adenosine deaminase levels in tuberculous exudates.* PhD, 1999. 360 pp. Promotor/medepromotor: Prof AF Doubell/prof JJF Taljaard.

CHIRURGIE (ALGEMEEN) / SURGERY (GENERAL)

Tydskrifartikels/Journal articles

1. EDGE J, VAN DER MERWE AE. HIV Seropositivity in the Western Cape. *South African Medical Journal* 1999; **Editorial:** 1239.
2. HESSELING PB, ANKONE K, WESSELS G, SCHNEIDER JW, DU PLESSIS L, MOORE S. Neuroblastoma in Southern Africa: Epidemiological features factors and outcome. *Annals of Tropical Paediatrics* 1999; **19:** 357-363.
3. JOHNSON GA, MOORE SW. The adhesion function of acetylcholinesterase is located at the peripheral anionic site. *Biochemical and Biophysical Research Communications* 1999; **258(3):** 758-762.

4. MOORE SW. Neonatal soave endorectal pullthrough for Hirschsprung's disease. *South African Journal of Surgery* 1999; **37**(2): 49-50.
5. MOORE SW, SCHNEIDER JW, SCHAAF HS. The risk of malignancy in cervical lymphadenopathy in children: A study of 1813 surgical specimens. *Medical and Paediatric Oncology* 1999; **33**(3): 344.
6. VAN TIENHOVEN G, VOOGD AC, PETERSE JL, NIELSEN M, ANDERSEN KW, MIGNOLET F, SYLVESTER R, FENTIMAN IS, VAND DER SCHUEREN, VAN ZIJL K, BLICHERT-TOFT M, BARTELINK H, VAN DONGEN JA. Prognosis after treatment for loco-regional recurrence after mastectomy or breast conserving therapy in two randomised trials (EORTC 10801 and DBCG – 82TM). *European Journal of Cancer* 1999; **35**(1): 32-38.
7. VAN WYK JAL. Surgical research in a developing country. *South African Journal of Surgery* 1999; **37**(4): 93-98.
8. WARREN BL, CARSTENS A, FALCK VG. Acute acalculous cholecystitis – a clinical-pathological disease spectrum. *South African Journal of Surgery* 1999; **37**(4): 99-103.

Referate internasional/Papers international

1. MOORE SW. *The challenge of hepatic tumours in children in Southern Africa*. SIOPEL Liver Study Group, 2nd Bernese International Research Workshop on Pediatric Liver Tumours. Montreal, Canada, 1999.
2. MOORE SW, SCHNEIDER JW, SCHAAF HS. *Strategy to deal with unresectable tumours*. SIOPEL: Liver Study Group, 2nd Bernese International Research Workshop on Pediatric Liver Tumours. Children: A study of 1813 surgical specimens. The American Society of Paediatric Haematology/oncology (APO): IPSO Meeting. Montreal, Canada, 1999.

Referate nasionaal/Papers national

1. MOORE SW. *The role of surgery in the management of advanced solid tumours in childhood: An update*. South African Childrens' Cancer Study Group. Rustenburg, 1999.
2. VAN WYK JAL. *Surgical research in a developing country*. Surgical Research Society of South Africa. Durban, 1998.

Doktoraal lopend/Doctoral current

1. WARREN BL. *An analysis of factors influencing capillary perfusion of the human gall bladder*. PhD Promotor: Prof JAL van Wyk.

DERMATOLOGIE / DERMATOLOGY

Tydskrifartikels/Journal articles

1. CILLIERS J, DE BEER C. The case of the Red Lingerie – chromhidrosis revisited. *Dermatology* 1999; **199**: 149-152.
1. DE BEER C. Sunscreening agents and sun protection factors. *Medical Technology SA* 1998; **12**(2): 264-267.
2. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. Latex gloves – More harm than good? *Medical Technology SA* 1999; **13**(1): 282-288.

Verrigtinge internasional/Proceedings international

1. CILLIERS J. *The clown nose sign*. European Association of Dermatology and Venereology Congress. Amsterdam, The Netherlands, 1999; *Journal of the European Academy of Dermatology and Venereology* 1999; **12**(2): S216.

Verrigtinge nasionaal/Proceedings national

1. ABDULLA EA, JORDaan HF. *Mucocutaneous disorders in human immunodeficiency virus-infected patients: A study of 154 patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
2. BÖHM EL, MICHEL J, JANSENS D, SMIT B, CILLIERS J. *Electrochemotherapy (ECT) parameters for the treatment of basal cell carcinoma*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
3. CILLIERS J. *Acute professional phagocytes and non-infective dermatopathology*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
4. CILLIERS J. *The clown nose sign – A 10-year review*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
5. CILLIERS J. *What's new in atopic dermatitis*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
6. COLESKY FJ, SCHNEIDER JW, JORDaan HF. *Clinicopathological features of dermatofibrosarcoma protuberans*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
7. DE BEER C, CILLIERS J. *Finasteride in the treatment of men with androgenetic alopecia*. 15th National Congress of the Society for Medical Laboratory Technologists of South Africa. Port Elizabeth, 1999.

8. DE BEER C, CILLIERS J, TRUTER EJ. *Latex allergie: Die rol van blootstelling as 'n etiologiese faktor*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch, Tygerberg, 1999.
9. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC, CROMBIE I, KOSHEVA O. *The role of exposure in the development of latex hypersensitivity*. Congress of the Allergy Society of South Africa. Spier Estate, Stellenbosch, 1999.
10. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC, CROMBIE I, KOSHEVA O. *The role of exposure in the development of latex hypersensitivity*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
11. JORDAAN HF, ABDULLA EAK, SCHNEIDER JW. *Disseminated histoplasmosis in advanced HIV disease: A report of four patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
12. JORDAAN HF, ABDULLA EAK, SCHNEIDER JW, SMITH JM. *Papulonecrotic tuberculid in children: A report of three patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
13. JORDAAN HF, SCHNEIDER JW. *Secondary anetoderma involving a pilomatrixoma: A report of two cases*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
14. JORDAAN HF, SCHNEIDER JW, ABDULLA EAK. *Nodular tuberculid: A report of 4 patients*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
15. JORDAAN HF, SCHNEIDER JW, DE JONG G. *Dermal dendrocytic hamartoma with stubby white hair complicated by the development of congenital dermatofibrosarcoma protuberans*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
16. LOUW JE. *Acne keloidalis nuchae: A clinicopathological study of 15 patients and a review of the literature*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
17. MICHIE J, BÖHM EL, SMIT BJ, CILLIERS J. *Flow cytometric evaluation of electroporation of tumour cells in vitro*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
18. MOUTON RW, CILLIERS J, SMIT B, VAN ROOYEN W. *The Heath Robinson phase of a photodynamic therapy unit*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
19. SWART E. *What's new in the treatment of psoriasis?* Congress of the Dermatological Society of South Africa. Cape Town, 1999.
20. VAN DER BIJL P, VAN EYK AD, CILLIERS J, STANDER IA. *Diffusion of water across human skin in the presence of two barrier creams*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.
21. VERMEULEN KW, SCHNEIDER JW, JORDAAN HF. *A computerized diagnostic aid and interactive reference guide in dermatopathology*. Congress of the Dermatological Society of South Africa. Cape Town, 1999.

Referate nasional/Papers national

1. CILLIERS J. *Time factor – the ultimate dermatology tool*. Sikhumba Congress. Arniston, 1999.
2. JORDAAN HF. *Clues in dermatopathology I*. Sikhumba Congress. Arniston, 1999.
3. JORDAAN HF. *Clues in dermatopathology II*. Sikhumba Congress. Arniston, 1999.
4. JORDAAN HF. *Dermatology Quiz*. Sikhumba Congress. Arniston, 1999.

Hoofstukke in boeke/Chapters in books

1. JORDAAN HF. Cutaneous tuberculosis. In: Donald PR, Fourie PB, Grange JM, (eds). *Tuberculosis in Childhood*. JL van Schaik, Pretoria, 1999: 87-92.

Magister lopend/Master's current

1. LOUW JE. *Acne keloidalis nuchae: A clinicopathological study of 15 patients*. MMed Studieleier: Prof HF Jordaan.
2. MOUTON RW. *In vitro and in vivo evaluation of 5-aminolevulinic acid and methylene blue photodynamic therapy in suitable premalignant and non-melanoma skin tumours*. MMed Studieleier: Prof J Cilliers.

FARMAKOLOGIE / PHARMACOLOGY

Tydskrifartikels/Journal articles

1. BOUC PJD, CLARK A, LAMPRECHT J, FREESTONE M, POOL EJ, LIEBENBERG RW, KOTZE D, VAN JAARSVELD PP. The effects of B-sitosterol (BSS) and B-sitosterol glucoside (BSSG) mixture on selected immune parameters of marathon runners: Inhibition of post marathon immune suppression and inflammation. *International Journal of Sports Medicine* 1999; **20**: 258-262.
2. HAWTREY AO, ARIATTI M. Studies on the construction of protein/DNA conjugates for targeted transfection of cells using receptor-mediated endocytosis. *STP Pharma Sciences* 1999; **9**(1): 35-45.
3. MÜLLER G, VAN ZYL J. Scorpionism in South Africa. Parabuthus granulatus identified as the most important venomous species. *Toxicon* 1999; **37**: 313.
4. MÜLLER G, VAN ZYL J, HOFFMAN B, PITCHER G. Paralytic shellfish poisoning (PSP): Report of a major outbreak in the Western Cape. *Toxicon* 1999; **37**: 314.
5. SMIT A, SCHOEMAN JF, SEIFART HI, PARKIN DP. Practical management of therapeutic diphenylhydantoin concentrations in children. *South African Medical Journal* 1999; **89**(10): 1092-1097.
6. VAN ZYL J, MÜLLER G. The berg adder (*Bitis atropos*) and its venom. *Toxicon* 1999; **37**: 306.

Verrigtinge nasional/Proceedings national

1. DEBONT T, DYASON K, DU PLESSIS J, VAN DER WALT JJ, MÜLLER G, VAN ZYL J, VERDONCK F, DAENENS P, TYTGAT J. *Preliminary phylogenetic classification of Parabuthus scorpions based on venom composition*. Toxicon 1999; **37**: 1336.
2. MÜLLER G, VAN ZYL J, VAN DER WALT JJ. *Parabuthus granulatus venom: Biochemical and toxicity studies*. Toxicon 1999; **37**: 1337-1338.
3. VAN ZYL J, MÜLLER G. *The berg adder (Bitis atropos) and its venom*. Toxicon 1999; **37**: 1336-1337.

Referate internasional/Papers international

1. LAMPRECHT JH, FREESTONE M, BOUC PJD, AUSTIN M, CLARK A, VAN JAARSVELD PP. *The immune modulator, BSS/BSSG (Moducare™) provides a significant survival benefit to FIV+ domestic cats*. Second International Conference of Pharmaceutical and Pharmacological Sciences (South Africa). Cape Town, South Africa, 1999.

Hoofstukke in boeke/Chapters in books

1. PARKIN DP, DONALD PR. The treatment of tuberculosis in children. In: Donald PR, Fourie PB, Grange JM, (eds). *Tuberculosis in childhood*. JL van Schaik, 1999: 132-152.

Doktoraal lopend/Doctoral current

1. LAMPRECHT JH. *The FIV infected laboratory cat as a model for testing the immune modulating properties of BSS/BSSG*. PhD Promotor/medepromotor: Prof PJD Bouic/ prof PP van Jaarsveld.

Magister lopend/Master's current

1. FOURIE CJ. *Paracetamol vergiftiging met spesifieke verwysing na meganismes om lewerskade te voorkom*. MSc Studieleiers: Drs J van Zyl, GJ Müller.

FISIOTERAPIE / PHYSIOTHERAPY

Tydskrifartikels/Journal articles

1. DE VILLIERS MR, DREYER Y, HOWES F, KOORNHOF HE, MENTOOR H, RHODE A, STATHAM S. Assessing the health needs of a community through participatory research. *SA Family Practice* 1999; **21**(1): 8-12.

Referate nasional/Papers national

1. BARDIN LD. *Rehabilitation of a top athlete following an L4 to S1 fusion*. SA Sports Medicine Association Congress. Johannesburg, 1999.
2. BARDIN LD. *A spinal rehabilitation programme for patients with recurrent/chronic low back pain: The results of a one year prospective study*. 45th Annual Congress of the SA Orthopaedic Association. Pretoria, 1999.
3. BARDIN LD. *A total back care programme for the rehabilitation of chronic low back pain patients*. Congress of the SA Society of Physiotherapists. Bloemfontein, 1999.
4. FAURE M. *The submission to the TRC by the Physiotherapy Profession: Looking back to move forward*. Congress of the SA Society of Physiotherapists. Bloemfontein, 1999.

Magister lopend/Master's current

1. FITZPATRICK LV. *An outcome study of the effects of neurodevelopmental therapy in the treatment of spastic cerebral palsy*. MSc Studieleier: Me SH Irwin-Carruthers.
2. MASASA TL. *Cultural beliefs towards disability: Their influence on rehabilitation*. MSc Studieleiers: Mev M Faure, me SH Irwin-Carruthers.

GENEESKUNDIGE BIOCHEMIE (WAARBY INGESLUIT DIE SENTRUM VIR MOLEKULÊRE EN SELLULÊRE BIOLOGIE) / MEDICAL BIOCHEMISTRY (INCLUDING THE CENTRE FOR MOLECULAR AND CELLULAR BIOLOGY)

Tydskrifartikels/Journal articles

1. ADAMS JFA, SCHOLVINK EH, GIE RP, POTTER PC, BEYERS N, BEYERS AD. Decline in total serum IgE after treatment for tuberculosis. *The Lancet* 1999; **353**: 2030-2033.
2. BENTWICH Z, KALINKOVICH A, WEISMAN Z, BORKOW G, BEYERS N, BEYERS AD. Can eradication of helminthic infections change the face of AIDS and tuberculosis? *Immunology Today* 1999; **20**: 485-487.
3. BEYERS AD. Regulation of intracellular signalling by protein prenylation. *South African Medical Journal* 1999; **89**: 430.
4. CLASSEN CN, WARREN R, RICHARDSON M, HAUMAN JH, GIE RP, ELLIS JHP, VAN HELDEN PD, BEYERS N. Impact of social interactions in the community on the transmission of tuberculosis in a high incidence area. *Thorax* 1999; **54**: 136-140.
5. DU PLESSIS L, DIETZCH E, VAN GELE M, VAN ROY N, VAN HELDEN P, PARK MI, MUGWANYA DK, DE GROOT M, MARX MP, KOTZE MJ, SPELEMAN F. Mapping of novel regions of DNA gain and loss by comparative genomic hybridization in esophageal carcinoma in the Black and Colored populations of South Africa. *Cancer Research* 1999; **59**: 1877-1883.
6. MOOLMAN-SMOOK JC, DE LANGE WJ, BRUWER ECD, BRINK PA, CORFIELD VA. The origins of hypertrophic cardiomyopathy-causing mutations in two South African sub-populations: A unique profile of both independent and founder events. *The American Journal of Human Genetics* 1999; **65**: 1308-1320.
7. NIEHAUS DJ, KNOWLES JA, VAN KRADENBERG J, DU TOIT W, KAMINER D, SEEDAT S, DANIELS W, COTTON M, BRINK P, BEYERS AD, BOUC P, CHAPMAN F, ZABRISKIE JB, STEIN DJ. D8/17 in obsessive-compulsive disorder and trichotillomania. *South African Medical Journal* 1999; **89**: 755-756.
8. PENA-ROSSI C, ZUCKER LA, STRONG J, KWAN J, FERRIS W, TARAKHOVSKY A, BEYERS AD, KILLEEN N. Negative regulation of CD4 lineage development and responses by CD5. *Journal of Immunology* 1999; **163**: 6494-6501.
9. REDWOOD CS, MOOLMAN-SMOOK JC, WATKINS HC. Properties of mutant contractile proteins that cause hypertrophic cardiomyopathy. *Cardiovascular Research* 1999; **44**: 20-36.
10. SAMPSON SL, WARREN RM, RICHARDSON M, VAN DER SPUY GD, VAN HELDEN PD. Disruption of coding regions of *IS6110* insertion in *Mycobacterium tuberculosis*. *Tubercle & Lung Disease* 1999; **79**: 349-359.
11. VAN HELDEN EG, EPSTEIN J, VICTOR TC, HON D, LEWIS L-A, BEYERS N, ZURAKOWSKI D, EZEKOWITZ RAB, VAN HELDEN PD. Mannose-binding protein B allele confers protection against tuberculous meningitis. *Pediatric Research* 1999; **45**: 1-6.
12. VAN HELDEN P, HOAL-VAN HELDEN E. Mannose-binding lectin and meningoococcal disease. *The Lancet* 1999; **354**: 337.
13. VAN RIE A, WARREN RM, BEYERS N, GIE RP, CLASSEN CN, RICHARDSON M, SAMPSON SL, VICTOR TC, VAN HELDEN PD. Transmission of a multidrug-resistant *Mycobacterium tuberculosis* strain resembling "strain W" among non-institutional, HIV seronegative patients. *Journal of Infectious Diseases* 1999; **180**: 1608-1615.
14. VAN RIE A, WARREN RM, RICHARDSON M, VICTOR TC, GIE RP, ENARSON DA, BEYERS N, VAN HELDEN PD. Exogenous reinfection is a common cause of tuberculosis recurrence after cure. *New England Journal of Medicine* 1999; **341**: 1174-1179.
15. VICTOR TC, JORDaan AM, VAN RIE A, VAN DER SPUY GD, RICHARDSON M, VAN HELDEN PD, WARREN R. Detection of mutations in drug resistance genes of *Mycobacterium tuberculosis* by a dot-blot hybridization strategy. *Tubercle and Lung Disease* 1999; **79**: 343-348.
16. VOS M, WARREN RM, VAN RENSBURG CJ, HAUMAN JHH, EPPLEN JT, VAN HELDEN PD. Rapid genomic diversification of *Helicobacter pylori*. *Electrophoresis* 1999; **20**: 1476-1485.
17. WARREN R, RICHARDSON M, VAN DER SPUY G, VICTOR T, SAMPSON S, BEYERS N, VAN HELDEN P. DNA fingerprinting and molecular epidemiology of tuberculosis: Use and interpretation in an epidemic setting. *Electrophoresis* 1999; **20**: 1807-1812.
18. WIID I, HOAL-VAN HELDEN E, HON D, VAN HELDEN P. Potentiation of isoniazid activity against *Mycobacterium tuberculosis* by melatonin. *Antimicrobial Agents in Chemotherapy* 1999; **43**: 975-977.

Verrigtinge internasionaal/Proceedings international

1. BOOYSEN C, VAN RIE A, WARREN R, GIE RP, CLASSEN CN, RICHARDSON M, VAN HELDEN PD, BEYERS N. *The importance of contact in the transmission of tuberculosis*. 30th IUATLD World Conference on Lung Health. Madrid, Spain, 1999; *The International Journal of Tuberculosis and Lung Disease* 1999; **9**: S37.
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5. VAN RIE A, WARREN R, BEYERS N, GIE RP, CLASSEN CN, RICHARDSON M, SAMPSON SL, VICTOR TC, VAN HELDEN PD. *Transmission of a multidrug-resistant Mycobacterium tuberculosis strain resembling "Strain W" among non-institutional, HIV seronegative patients*. 30th IUATLD World Conference on Lung Health. Madrid, Spain, 1999; *The International Journal of Tuberculosis and Lung Disease* 1999; **9**: S126.
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8. WARREN RM, RICHARDSON M, SAMPSON S, BOURN W, VAN DER SPUY G, HIDE W, HEERSMA H, BEYERS N, VAN HELDEN PD. *RFLP analysis of *M. tuberculosis* demonstrates strain-dependent evolution*. 30th

IUATLD World Conference on Lung Health. Madrid, Spain, 1999; *The International Journal of Tuberculosis and Lung Disease* 1999; 9: S38.

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1. BEYERS AD. *Immune responses to M.tuberculosis in a South African community with a very high incidence of tuberculosis*. Symposium: Modulation of immune responses by Pathogens. Würzburg, Germany, 1999.
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3. VAN HELDEN P, WARREN R, BEYERS N, VAN RIE A, RICHARDSON M, VICTOR T, SAMPSON S. *DNA fingerprinting: A tool to study molecular epidemiology of infectious diseases*. The 5th International DNA Fingerprinting Conference. Port Elizabeth, 1999.

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1. ADAMS CH, WERELY CJ, VICTOR TC, STEPIEN A, MUGWANYA D, VENTER F, GELDERBLOM WCA, MARASAS WFO, VAN HELDEN PD. *Na2 and Gstm1 polymorphisms are associated with oesophageal cancer risk in the high incidence regions of the Eastern Cape*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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3. ADAMS JFA, FINCHAM JE, BEYERS N, BEYERS AD. *Immune responses in a community with a high incidence of tuberculosis*. Joint UCT, UWC, US and MRC 2nd Annual Medical Research Day. University of the Western Cape, Bellville, 1999.
4. ADAMS JFA, SCHOLVINCK EH, GIE RP, POTTER PC, BEYERS N, BEYERS AD. *Decline in serum IgE after treatment for tuberculosis*. SA Pulmonology Congress. Umtata, 1999.
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6. ARIEFF Z, CHRISTOFFELS A, HIDE W, BRINK P, CORFIELD VA. *PFHBI-gene search in Silico*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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11. BRINK P, CORBETT C, CORFIELD V. *The clinical course of the long QT syndrome in individuals of Afrikaner descent sharing a commonly occurring mutation in the KVLQT1 gene*. First Congress of Arrhythmia Society of Southern Africa (CASSA). Gauteng, 1999.
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15. CORFIELD VA, THOMAS S, WEYERS JB, BRINK P. *Involvement of KVLQT1 and HERG in South African LQTS*. Eighth Biennial Southern African Society of Human Genetics Congress. Gordon's Bay, 1999.
16. DE LANGE WJ, MOOLMAN-SMOOK JC, BRINK PA, CORFIELD VA. *Myosin-binding protein C (Mybpc) mutations: A prevalent cause of late onset hypertrophic cardiomyopathy in South Africa*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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19. DENNEHY K, FERRIS W, BEYERS A. *Function of the transmembrane molecule CD5 in T-cell regulation*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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22. FERNANDEZ P, BRINK P, CORFIELD V. *Progressive Familial Heart Block type II gene maps to a novel locus on chromosome 1q32*. Joint UWC, US, MRC and UCT 2nd Annual Medical Research Day (AstraZeneca). University of the Western Cape, Bellville, 1999.

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24. FERNANDEZ P, CORFIELD V, BRINK PA. *Molecular mapping into the new millennium: Progressive familial heart block type II gene maps to a novel locus on chromosome 1q32*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
25. GEY VAN PITTIUS NC, BROWN GD, STEVENS L, BEYERS AD. *A family of subtilisin-like serine proteases from Mycobacterium tuberculosis H37RV*. Joint UCT, UWC, US and MRC 2nd Annual Medical Research Day. University of the Western Cape, Bellville, 1999.
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39. STEVENS L, FENHALLS G, BEZUIDENHOUT J, LUKEY P, BARDIN P. *Cytokine receptors in human pulmonary tuberculosis*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
40. VAN PITTIUS NCG, BROWN GD, STEVENS L, BEYERS AD. *A family of subtilisin-like serine proteases from Mycobacterium tuberculosis H37rv*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
41. VAN RIE A, WARREN RM, BEYERS N, GIE RP, CLASSEN CN, RICHARDSON M, SAMPSON SL, VICTOR TC, VAN HELDEN PD. *Transmission of a multi-drug resistant mycobacterium tuberculosis strain resembling "Strain W" among non-institutionalised, HIV seronegative patients*. SA Pulmonology Congress. Umtata, 1999.
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43. VOS M, WARREN R, VAN RENSBURG C, SCHMIDT S, EPPLER J, VAN HELDEN P. *Rapid genomic diversification of Helicobacter pylori*. SA Gastroenterology Society Congress. Victoria Falls, Zimbabwe, 1999.
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Hoofstukke in boeke/Chapters in books

- VAN HELDEN PD. DNA fingerprinting of prokaryotic genomes. In: Epplen JT, Lubjuhn T, (eds). *Methods and Tools in Biosciences and Medicine: DNA Profiling and DNA Fingerprinting*. Birkhäuser Verlag, Basel, Switzerland, 1999; **Chapter 1**: 1-15.

Doktoraal afgehandel/Doctoral completed

1. DENNEHY KM. *Interactions of the SH2 domains of phosphatidylinositol 3-kinase during T-cell activation.* PhD, 1999. 98 pp. Promotor: Prof AD Beyers.

Magister afgehandel/Master's completed

1. NGUMBELA K. *Molecular causes of a complex disease with a high prevalence in South African populations, non-insulin dependent diabetes mellitus, and a rarer, monogenic, genetically-heterogenous disease, hypertrophic cardiomyopathy.* MSc, 1999. 176 pp. Studieleier: Dr VA Corfield.
2. SHORT S. *A search for non-insulin dependent diabetes mellitus (NIDDM) susceptibility genes in South African population groups.* MSc, 1999. 188 pp. Studieleier: Dr VA Corfield.
3. VOS M. *Genetic diversity of Helicobacter pylori in the Western Cape.* MSc, 1999. 211 pp. Studieleier: Dr R Warren.

Doktoraal lopend/Doctoral current

1. ADAMS JFA. *Immune responses in a community with a high incidence of tuberculosis.* PhD Promotor: Prof AD Beyers.
2. ARIEFF Z. *The search for a PFHBI gene: refining the target area and identification and analysis of candidate gene transcripts.* PhD Promotor: Dr VA Corfield.
3. DE LANGE WJ. *An investigation of myosin-binding protein C mutations in South Africa and a search for ligands binding to myosin-binding protein C.* PhD Promotor: Dr VA Corfield.
4. FERNANDEZ PW. *A candidate and novel gene search to identify the PFHBI-causative gene.* PhD Promotor: Dr VA Corfield.
5. GEY VAN PITTIUS NC. *Serine proteases secreted by Mycobacterium tuberculosis.* PhD Promotor: Prof AD Beyers.
6. SAMPSON SL. *Mycobacterium tuberculosis: genetic and phenotypic comparison.* PhD Promotor: Dr RM Warren.

Magister lopend/Master's current

1. BOWERS DA. *Immune responses in tuberculosis patients of different ages after therapy.* MSc Studieleier: Prof AD Beyers.
2. JANSEN Y. *The characterization, vector development and use of a novel mycobacterial plasmid replicon.* MSc Studieleier: Dr W Bourn.
3. MAKUBALO Z. *Mutation screening of candidate genes on chromosome 19q 13.3, the targeted search area for the progressive familial heart block I (PFHBI)-causative gene.* MSc Studieleier: Dr VA Corfield.
4. MOSES LM. *Expression and characterization of cell membrane-associated serine proteases of Mycobacterium tuberculosis.* MSc Studieleier: Prof AD Beyers.
5. THOMAS S. *The use of genetic markers in the differential diagnosis of episodic loss of consciousness in a family setting.* MSc Studieleier: Dr VA Corfield.

GENEESKUNDIGE FISIOLOGIE / MEDICAL PHYSIOLOGY

Tydskrifartikels/Journal articles

1. DU PLESSIS SS, VAN NIEKERK FE, COETZER WA. The effect of dietary molybdenum and sulphate on the oestrus cycle and ovulation in ewes after manipulation with exogenous progesterone alone or in combination with FSH and LH. *Small Ruminant Research* 1999; **33**: 63-69.
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4. KOESLAG JH, SAUNDERS PT, WESSELS JA. The chromogranins and the counterregulatory hormones: Do they make homeostatic sense? *Journal of Physiology* 1999; **517**: 643-649.
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6. LOCHNER A, GENADE S. Ischaemic preconditioning of the isolated perfused working guinea pig heart. *Cardiovascular Drugs and Therapy* 1998; **12**: 498-501.
7. LOCHNER A, GENADE S, TROMP E, PODZUWEIT T, MOOLMAN JA. Ischaemic preconditioning and the β -adrenergic signal transduction pathway. *Circulation* 1999; **100**: 958-966.
8. TERBLANCHE E, FOURIE PR, WESSELS JA. Assessment of a Peak Flow Whistle in non-asthmatic children. *Pediatric Pulmonology* 1999; **27**: 428-431.
9. TERBLANCHE E, WESSELS JA, STEWART RI, KOESLAG JH. A computer simulation of free-range exercise in the laboratory. *Journal of Applied Physiology* 1999; **87**: 1386-1391.

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- GENADE S, MOOLMAN JA, MARAIS E, LOCHNER A. *Ischaemic preconditioning - are the opioids involved?* XX European Section Meeting of the International Society for Heart Research. Maastricht, The Netherlands, 1999; *Journal of Molecular Cellular Cardiology* 1999; **31**: A95.
- MARAIS E, GENADE S, MOOLMAN JA, LOCHNER A. *β -Adrenergic stimulation before sustained ischaemia mimics preconditioning.* XX European Section Meeting of the International Society for Heart Research. Maastricht, The Netherlands, 1999; *Journal of Molecular Cellular Cardiology* 1999; **31**: A95.
- TERBLANCHE E, WESSELS JA. *The blood lactate response of cyclists during incremental and free-range exercise.* American College of Sports Medicine. 46th Annual Meeting. Seattle, USA, 1999; *Medicine and Science in Sports and Exercise* 1999; **31**(5): 5111.

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- KOESLAG JH. *Playing with fire, or What is life?* Professorial Inaugural Lecture. University of Stellenbosch, 1999: 3-8.

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- CILLIERS FJ. *An attempt to increase objectivity in oral examinations.* Congress of the Association for Medical Education in Europe. Linköping, Sweden, 1999.
- CILLIERS FJ. *Identifying sources of faculty resistance to curricular change.* Congress of the Association for Medical Education in Europe. Linköping, Sweden, 1999.
- CILLIERS FJ, CORFIELD V. *Attempting to block the revolving door: an interim evaluation of an assessment programme on the potential of academically underprepared students to undertake degrees in health care.* Congress of the Association for the Study of Medical Education. Nottingham, England, 1999.
- DANIELS WMU, VAN RENSBURG SJ, POTOCNIK FCV, DE VILLIERS JNP, KOTZE MJ, TALJAARD JJF. *Co-occurrence of Transferrin C2 and Apo E4 predicts early onset Alzheimer's Disease.* 5th IBRO World Congress of Neuroscience. Jerusalem, Israel, 1999.
- MOOLMAN JA, MARAIS E, GENADE S, LOCHNER A. *β -Adrenergic and ischaemia-reperfusion-induced protection against ischaemia may relate to β -adrenergic activation of P38 MAPK in rat heart.* First Oslo Conference on Molecular Cardiology and Myocardial Function. Oslo, Norway, 1999.
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- DONTHI R, HUISAMEN B, LOCHNER A. *Regulation of protein kinase B and glucose transporter GLUT4 in cardiomyocytes.* AstraZeneca, Second Annual Medical Research Day. Bellville, 1999.
- DU PLESSIS S, PAGE C, FRANKEN D. *The effect of MAPK inhibitor PD98059 on A23187- and TPA-induced acrosome reactions.* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
- DU PLESSIS SS, SMIT PM, STEYN PS. *Knowledge and attitudes with regard to sex education, sexuality and STI's amongst second year medical and dental students.* 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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- GENADE S, MARAIS E, MOOLMAN JA, LOCHNER A. *Isgemiese prekondisionering: Is die opiate betrokke?* 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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- KOESLAG JH. *Playing with fire, or, What is life?* Professorial Inaugural Lecture. Faculty of Medicine, University of Stellenbosch, Tygerberg, 1999.
- KOTZÉ D, HOUGH S, HULLEY P. *Apoptosis in glucocorticoid treated immature osteoblasts (MBA15.4).* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
- LIEBENBERG A, GENADE S, LOCHNER A. *Catecholamines: good or bad for the ischaemic myocardium?* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.

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23. SALIE R, LOCHNER A. *Investigating the anti-oxidant properties of melatonin during chemical hypoxia and reoxygenation in rat ventricular myocytes.* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
24. STRIJDOM JG, LOCHNER A, MOOLMAN JA, DONTI R, HUISAMEN B. *Establishing of an adult myocyte model for ischaemic preconditioning: The importance of the isolation procedure on cardiomyocyte viability.* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
25. UPTON J, HUISAMEN B, LOCHNER A. *The effect of development of NIDDM on myocardial contractility.* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
26. UPTON J, VAN ZYL D, HUISAMEN B, LOCHNER A. *Die invloed van die α 1-adrenerge reseptor op die kontraktiliteit van hartspier in vet en maer rotmodelle van NIDDM.* 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
27. VAN ZYL F, VAN WYK R, KOTZE M. *Molecular analysis of the bilirubin-UGT1 gene, implicated in Gilbert's syndrome, in the diverse South African population.* XXVII Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.

Magister afgehandel/Master's completed

1. UPTON JJ. *cGMP as mediator of contractility in papillary muscle from normal and non-insulin dependent diabetic rat myocardium.* MSc, 1999. 128 pp. Studieleiers: Dr B Huisamen, prof A Lochner.

Doktoraal lopend/Doctoral current

1. ENGELBRECHT A-M. *'n Ondersoek na die intraselulêre mekanisme wat verantwoordelik is vir die beskermende rol van lang-ketting omega-3 vetsure op die isgemiese miokardium.* PhD Promotors: Prof A Lochner, dr C Page.
2. MARAIS E. *Die rol van sikeliese nukleotide, sikeliese adenosien monofosfaat (cAMP) en sikeliese guanien monofosfaat (cGMP) in prekondisionering van die isgemiese miokardium.* PhD Promotors: Proff A Lochner, JA Moolman.

Magister lopend/Master's current

1. CONRADIE MM. *Abnormalities of bone, mineral and lipid metabolism in eating disorders.* MSc Studieleiers: Proff FS Hough, JH Koeslag.
2. ODENDAAL D. *VO₂ and heart rate kinetics as predictors of athletic performance in the field.* MSc Studieleier: Dr E Terblanche.
3. VERMEULEN MO. *Characterization of a peak-flow meter whistle.* MSc Studieleiers: Mnr JA Wessels, prof TW von Backström.

GENEESKUNDIGE MIKROBIOLOGIE / MEDICAL MICROBIOLOGY

Tydskrifartikels/Journal articles

1. BOUC PJD. Sterols/Sterolins, Natural, Nontoxic Immunomodulators and their role in the control of rheumatoid arthritis. *Townsend Letter for Doctors & Patients* 1999; **August/September**: 81-82.
2. BOUC PJD, CLARK A, LAMPRECHT J, FREESTONE M, POOL EJ, LIEBENBERG RW, KOTZE D, VAN JAARSVELD PP. The effects of B-Sitosterol (BSS) and B-Sitosterol Glucoside (BSSG) mixture on selected immune parameters of marathon runners: inhibition of post marathon immune suppression and inflammation. *International Journal of Sports Medicine* 1999; **20**: 258-262.
3. BOUC PJD, LAMPRECHT JH. Plant sterols and sterolins: A review of their immune-modulating properties. *Alternative Medicine Review* 1999; **4**(3): 170-177.
4. JOUBERT JJ, SCHUTTE CHJ, IRONS D, FRIPP PJ. Sir David Bruce (1855-1931): The discoverer of the nagana parasite. *The Southern African Journal of Epidemiology and Infection* 1999; **14**(3): 67-72.

5. POOL EJ, BOUC P. The detection of pyrogens in sera from patients with symptoms of sepsis using an ex vivo whole blood culture assay. *Journal of Immunoassay* 1999; **20**(1&2): 1-11.
6. POOL EJ, JOHAAR G, JAMES S, PETERSEN I, BOUC P. Differentiation between endotoxin and non-endotoxin pyrogens in human albumin solutions using an ex vivo whole blood culture assay. *Journal of Immunoassay* 1999; **20**(1&2): 79-89.
7. WASSERMAN E, LOMBARD L, WALZL G. *Staphylococcus lugdunensis* Endocarditis in a young, previously healthy female. *European Journal of Clinical Microbiology and Infectious Diseases* 1999; **18**: 289-291.

Referate internasional/Papers international

1. BOUC P. *How to diagnose the Immune Disorders*. South African Complementary Medical Association. Goudini, 1999.
2. BOUC P. *The latest research in immune dysfunction*. South African Complementary Medical Association. Goudini, 1999.
3. JANSE VAN RENSBURG E, LEMMER HR, JOUBERT JJ. *Prevalence of viral infections in Mozambican refugees in Swaziland*. 6th Conference of the International Society of Travel Medicine. Montreal, Canada, 1999.
4. JOUBERT JJ, EVANS AC, FINCHAM J, JANSE VAN RENSBURG E. *Migration and health in South Africa*. 6th Conference of the International Society of Travel Medicine. Montreal, Canada, 1999.
5. MENNEN M. *A case report of Ochrobactrum anthropi septicaemia in an HIV-infected neonate*. IUSTI/STD/HIV 6th World Congress & 38th IUSTI General Assembly. Lesedi, North West Province, 1999.
6. ORTH H, ENGELBRECHT S, ROBSON B, SMITH T-L, COTTON M, SCHAAF S, DOBBELS E, LEIBRANDT B, JANSE VAN RENSBURG E. *HIV Transmission between two siblings*. IUSTI/STD/HIV 6th World Congress & 38th IUSTI General Assembly. Lesedi, North West Province, 1999.

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1. COTTON MF, TREURNICHT FK, VAN RENSBURG AJ, MC FARLAND EJ, FINKEL TH, BOUC P. *North vs South: CD4+ and CD8 T-Cell apoptosis as a correlate of protection*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
2. DU TOIT N, VAN HEERDEN K, WILLIAMS Z, LOUW C, CYSTER H, VAN SCHALKWYK E, NELL H, BOUC P, BARDIN P. *Changes in neutrophil activation during acute asthma*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
3. KINNEAR C, NIEHAUS DJH, KNOWLES JA, VAN KRADENBERG JA, DU TOIT W, SEEDAT S, BRINK PA, CORFIELD VA, BEYERS AD, CLARK A, BOUC P, STEIN DJ. *D8/17 in Anxiety Disorders*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
4. LAMPRECHT JH, FREESTONE M, BOUC PJD, AUSTIN M, CLARK A. *The immune modulator, BSS/BSSG (MODUCARE™) provides a significant survival benefit to FIV+ domestic cats*. SA Pharmacology Society Congress. Durban, 1999.
5. LOUW J, BOUC P. *The anti-glucocorticoid effects of β-Sitosterol (BSS) and β-Sitosterol glucoside (BSSG) mixture (MODUCARE™) on human lymphocytes in vitro*. SA Physiology Society. Stellenbosch, 1999.

Boeke/Books

1. VAN DER HAEGHE L, BOUC PJD. *The Immune System Cure*. Pyramid Publishers, 1999. 234 pp.

Patente/Patents

1. BOUC PJD. *Treatment of HIV Positive Patients*. SA Patent No. 981198, 1998.

Doktoraal afgehandel/Doctoral completed

1. POOL EJ. *The detection of pyrogens in pharmaceuticals using whole blood cultures*. PhD, 1999. 186 pp. Promotor: Prof PJD Bouic.

Doktoraal lopend/Doctoral current

1. COTTON MF. *The relevance of apoptosis in the pathogenesis of HIV disease*. PhD Promotor: Prof PJD Bouic.
2. LAMPRECHT JH. *The FIV infected laboratory cat as a model for testing the immune modulating properties of BSS/BSSG*. PhD Promotor: Prof PJD Bouic.

GENEESKUNDIGE VIROLOGIE / MEDICAL VIROLOGY

Tydskrifartikels/Journal articles

- ENGELBRECHT S, KOULINKA I, SMITH T-L, ROBSON BA, BARRETO J, VAN RENSBURG EJ. Subtyping of Human T-Cell Lymphotropic Virus Type I from Tropical Spastic Paraparesis/HTLV-Associated Myelopathy Patients in Mozambique. *AIDS Research and Human Retroviruses* 1999; **15**(1): 71-72.
- ENGELBRECHT S, SMITH T-L, KASPER P, FAATZ E, ZEIER M, MOODLEY D, CLAY CG, VAN RENSBURG EJ. HIV Type 1 V3 Domain Serotyping and Genotyping in Gauteng, Mpumalanga, KwaZulu-Natal, and Western Cape Provinces of South Africa. *AIDS Research and Human Retroviruses* 1999; **15**(4): 325-328.
- ENGELBRECHT S. A multipronged approach towards developing a subtype C HIV-1 vaccine in South Africa. *Forum Microbiologicum* 1999; 4-7.
- LEE P-W, PARK M-S, KEEN GA, NOVELJIC Z, TUCKER TJ, VAN DER RYST E, VILJOEN JI, PRETORIUS A-M, OEOFSEN M. Seroprevalence evidence for the presence of Hantavirus in South Africa. *The Journal of the Korean Society of Virology* 1999; **29**(1): 11-22.
- MWENDA JM, SICHANGI MW, ISAHAKIA M, VAN RENSBURG EJ, LANGAT DK. The prevalence of antibodies to simian T-cell leukaemia/lymphotropic virus (STLV-1) in non-human primate colonies in Kenya. *Annals of Tropical Medicine & Parasitology* 1999; **93**(3): 289-297.
- NEWLANDS G, JOUBERT JJ, VAN RENSBURG EJ. Observation on relapsing fever in Kavango, northern Namibia. *South African Journal on Epidemiological Infections* 1998; **13**(4): 111-113.
- UYS R, COTTON MF, WESSELS G, HESSELING PB, BESTER R, VAN RENSBURG EJ. Viral Isolates during Febrile Neutropaenia in Children with cancer. *Journal of Tropical Pediatrics* 1999; **45**: 118-119.
- VAN HEERDEN WFP, KRAFT K, HEMMER J, SWART TJP, VAN HEERDEN MB, VAN RENSBURG EJ. Warthin's Tumour is not an Epstein-Barr virus-related disease. *Anticancer Research* 1999; **19**: 2881-2884.
- VAN HEERDEN WFP, SWART TJP, VAN HEERDEN MB, VAN RENSBURG EJ, ENGELBRECHT S, DREYER L, HUEBNER K. Immunohistochemical evaluation of FHIT protein expression in oral squamous cell carcinomas. *Journal of Oral Pathology Medicine* 1999; **28**: 433-437.
- VAN RENSBURG EJ. Etiese aspekte aangaande die aanmeldbaarheid van HIV/ VIGS asook die gebruik van entstowe. [Ethical aspects with regard to the notification of HIV/AIDS as well as the use of vaccines.] SA Tydskrif vir Natuurwetenskap en Tegnologie 1999; **18**(2): 35-36.
- VAN RENSBURG EJ, ENGELBRECHT S, ROBSON B, LANGAT D, ISAHAKIA M, MWENDA J. Phylogenetic analysis of Simian T Lymphotropic virus Type 1 from Kenyan Olive Baboons (*Papio anubis*), Lowland Sykes monkeys (*Cercopithecus mitis*), and Vervet monkeys (*Cercopithecus aethiops pygerythrus*). *AIDS Research and Human Retroviruses* 1999; **15**(8): 781-784.
- VAN RENSBURG EJ, MANSVELT E, LOUW I, ROBSON B, ENGELBRECHT S. Association of HTLV-1-infection with lympho- and myeloproliferative diseases in South Africa. *The Southern African Journal of Epidemiology and Infection* 1999; **14**(1): 32.
- VAN RENSBURG EJ, MWENDA JM, ROBSON BA, CHEGE GK, ENGELBRECHT S. Phylogenetic analysis of Simian T Lymphotropic virus Type 1 (STLV-1) from Kenyan Olive baboons (*Papio anubis*), Lowland Sykes (*Cercopithecus mitis*) and Vervet Monkeys (*Ceropithecus aethiops*). *Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology* 1999; **20**(4): 80.

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- JOUBERT JJ, EVANS AC, FINCHAM J, VAN RENSBURG EJ. *Migration and health in South Africa*. 6th Conference of the International Society of Travel Medicine. Montréal, Canada, 1999.
- LANGAT DAUDI K, VAN RENSBURG EJ, SICHANGI M, OMOLLO E, MWENDA JM. *Serological and Molecular Characterization of Naturally Occurring Simian T-cell leukemia/lymphotropic Virus type 1 (STLV-1) in a Non-Human Primate Colony*. Commonwealth Veterinary Association Regional Meeting for East, Central and Southern Africa, and the Kenya Veterinary Association Annual Scientific Conference. Nairobi, Kenya, 1999.
- ORTH H, ENGELBRECHT S, ROBSON B, SMITH T-L, COTTON M, SCHAAF S, DOBBELS E, LEIBRANDT B, VAN RENSBURG EJ. *HIV transmission between two siblings*. HIV 6th World Congress. Sun City, North-West Province, 1999.
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- VAN RENSBURG EJ, MWENDA JM, ROBSON BA, CHEGE GK, ENGELBRECHT S. *Phylogenetic analysis of Simian T Lymphotropic virus Type 1 (STLV-1) from Kenyan Olive baboons (Papio anubis), Lowland Sykes (Cercopithecus mitis) and Vervet Monkeys (Ceropithecus aethiops)*. 9th International Conference on Human Retrovirology. Japan, 1999.
- VAN RENSBURG EJ, ZEIER M, COTTON M, ENGELBRECHT S. *Changing characteristics of the HIV epidemic in Cape Town South Africa since 1984*. XIth International Congress of Virology. Sydney, Australia, 1999.

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- SWART TJP, ENGELBRECHT S, VAN DER HOVEN AE, VAN HEERDEN MB, VAN HEERDEN WFP, VAN RENSBURG EJ. *Epstein-Barr virus in Nasopharyngeal Carcinomas in a black South African population sample*. The 39th Conference of the Federation of the South African Societies of Pathology (FSASP). Durban, 1999.
- TREURNICHT FK, SMITH T-L, ENGELBRECHT SE, SCHNEIDER JW, JORDaan HF, MOOSA MR, TAYLOR M, VAN RENSBURG EJ. *Characterisation of HHV-8 subtypes circulating in South Africa*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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- VAN RENSBURG EJ, ZEIER M, COTTON M, SMITH T-L, ROBSON B, ENGELBRECHT S. *The HIV epidemic in South Africa*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.

Boeke/Books

1. JANSE VAN RENSBURB E. *Virusse: Toe en nou.* Universiteit van Stellenbosch, 1999. 4 pp.

HEMATOLOGIESE PATHOLOGIE / HAEMATOLOGICAL PATHOLOGY

Tydskrifartikels/Journal articles

1. FINCHAM JE, MARKUS MB, MANSVELT EPG. Could non-selective anthelmintic treatment programmes contribute to control of the spread of HIV infection and AIDS? *Transactions of the Royal Society of Tropical Medicine and Hygiene* 1999; **93**(5): 536.
2. RUBINSTEIN R, BOWERS D, NOVITZKY N, LOUW I, JACOBS P. Factor V Leiden gene mutation in three South African families. *South African Medical Journal* 1999; **89**(2): 176.
3. VAN RENSBURG EJ, MANSVELT E, LOUW I, ROBSON B, ENGELBRECHT S. Association of HTLV-1-infection with lympho- and myeloproliferative disease in South Africa. *South African Journal of Epidemiology and Infection* 1999; **14**(1): 32.

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1. MANSVELT EPG, OBERHOLSTER E, LOUW I. *Haemophagocytic lymphohistiocytosis syndrome (LHL/HPS) following overexposure to industrial toxins.* 15de Kongres van die Internasionale Vereniging van Hematologie, Afrika en Europese Afdeling. Durban, Suid-Afrika, 1999.
2. MANSVELT EPG, VAN VELDEN DP, FOURIE E. *An investigation into the in vivo effect of regular red wine consumption on the aggregability of blood platelets.* 15de Kongres van die Internasionale Vereniging van Hematologie, Afrika en Europese Afdeling. Durban, Suid-Afrika, 1999.

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1. CLOETE H, KLEINHANS W, LE ROUX L, MANSVELT EPG. *Ferritin assay on the Technicon Immuno 1.* 15de Nasionale Mediese Tegnologie Kongres. Port Elizabeth, 1999.
2. FINCHAM JE, MARKUS MB, LOMBARD CJ, MANSVELT EPG, ARENDSE VJ, EVANS AC. *Will reversal of helminthic eosinophilia enhance resistance to HIV infection and tuberculosis, slow disease progression, and improve vaccine efficacy?* Congress of the Parasitological Society of Southern Africa. Augrabies National Park, Upington, 1999.
3. JACOBS P, WOOD L, MANSVELT EPG. *2' - Chlorodeoxyadenosine effectively induces complete remission in hairy cell leukaemia.* Combined South African Society for Medical Oncology/Radiological Oncology and South African Lymphoma Study Group Congress. Cape Town, 1998.

Magister lopend/Master's current

1. IHLENFELDT T. *Retrospektiewe analise van bevindinge op beenmurge infiltrer deur nie-hematologiese maligniteite.* MMed Studieleier: Prof EPG Mansvelt.
2. MOORE CE. *Is a mildly to moderately raised INR predictive of bleeding after percutaneous liver biopsy?* MMed Studieleier : Dr I Louw.

HUISARTSKUNDE EN PRIMÈRE SORG / FAMILY MEDICINE AND PRIMARY CARE

Tydskrifartikels/Journal articles

1. BLITZ J, DE VILLIERS MR. Continuing professional development. A guide for Family Practitioners. *SA Family Practice* 1999; **20**(1): 102-105.
2. DE VILLIERS MR, DREYER Y, HOWES, F, KOORNHOF HE, MENTOOR H, RHODE A, STATHAM S. Assessing the Health Needs of a Community through Participatory Research. *SA Family Practice* 1999; **21**(1): 8-12.
3. DE VILLIERS PJT, DE VILLIERS MR. The current status and future needs of education and training in Family Medicine and Primary Care in South Africa. *Medical Education* 1999; **33**(10): 716-721.
4. KLOP AC, DE VILLIERS PJT. A randomised controlled trial comparing the use of foam polymer nasal tampons and BIPP in the control of acute epistaxis in primary care. *SA Family Practice* 1999; **21**(1): 14-17.
5. MARAIS A, DE VILLIERS PJT, MÖLLER AT, STEIN DJ. Domestic violence in patients visiting general practitioners – prevalence, phenomenology, and association with psychopathology. *SA Medical Journal* 1999; **89**(6): 635-640.
6. MASH B, DE VILLIERS MR. Community-based training in Family Medicine – a different paradigm. *Medical Education* 1999; **33**(10): 725-729.
7. MASH B, LEVITT NS. Quality improvement in the care of people with diabetes in Khayelitsha, Cape Town. *SA Family Practice* 1999; **20**(1): 123-126.

8. MOODLEY K, BARNES JM, DE VILLIERS PJT. Constraints facing the female medical practitioner in private family practice in the Western Cape. *SA Medical Journal* 1999; **89**(2): 165-169.

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1. BAWOODIEN A. *Measles surveillance in South Africa: A comparative study between the national compulsory notification system and a network of sentinel general practitioners (SASPREN) during 1996*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
2. DE VILLIERS MR. *The role of the family physician in caring for the poor*. Conference 2000. Cape Town, 1999.
3. GELDENHUYSEN H, HANEKOM P, DE VILLIERS MR. *Training in surgical skills for the rural general practitioner*. 3rd Annual Rural Doctors of South Africa Conference. Sizanandi, Bronkhorstspruit, 1999.
4. HANEKOM P, GELDENHUYSEN H, DE VILLIERS MR. *Essensiële chirurgiese vaardighede vir die plattelandse algemene praktisyen*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
5. HELLIG S. *Parental knowledge and misconceptions regarding the dangers of sun exposure for themselves and their children*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
6. MOHAMED H. *The mind in health – mind-body medicine, a new dimension to holistic health*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
7. NSISI L. *Disease profile of patients at Nolungile Community Health Centre, Cape Town*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
8. NSISI S. *Morbidity profile of paediatric patients attending Retreat Community Health Centre*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
9. VAN VELDEN DP. *Lifestyle and stress management for professionals*. St Luke's Hospice Palliative Care Symposium. Kenilworth, 1999.
10. VAN VELDEN DP. *Motivational strategies to pursue an active lifestyle*. 8th Biennial Congress of the SA Sports Medicine Association. Johannesburg, 1999.
11. WILLIAMS A. *Die vlak van lewensstylaanpassings in hypertensielyers in 'n kliniek in die Groot Drakenstein Vallei*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.

Magister afgehandel/Master's completed

1. BARNARD D. *'n Profiel van die epidemiologie en verspreiding van pulmonale tuberkulose in volwassenes in die Oudtshoorn distrik*. MFamMed, 1999. 22 pp. Studieleier: Dr N Beyers.
2. BRUWER K. *Die gebruik van Dettol as 'n urine siftingstoets vir swangerskap*. MFamMed, 1999. 13 pp. Studieleier: Prof JJF Taljaard.
3. FERIS N. *Wat is die geleenthede en bedreigings met betrekking tot Bestuurde Gesondheidsorg in Windhoek*. MFamMed, 1999. 49 pp. Studieleier: Dr M de Klerk.
4. FUCHS J. *Complications related to the use of misoprostol for first trimester abortions in a secondary hospital. A prospective descriptive study*. MFamMed, 1999. 17 pp. Studieleier: Dr C Atzl.
5. JORDAAN J. *Die siening van privaatpasiënte in 'n gemiddelde plattelandse gemeenskap te Oudtshoorn oor homeopatie as aanvullende deel tot hulle mediese behandeling*. MFamMed, 1999. 38 pp. Studieleier: Dr DP van Velden.
6. JOUBERT JL. *Die primère sorg behoeftes van swart bejaardes in Alexandria*. MFamMed, 1999. 27 pp. Studieleier: Mev J Barnes.
7. LOOTS A. *A survey of prescription patterns polypharmacy at a primary care SANDF sickbay in the Eastern Cape*. MFamMed, 1999. 70 pp. Studieleier: Me I Truter.
8. MOUTON G. *'n Kohort studie om die effektiwiteit van disulfiraminplantings by persone met alkoholafhanklikheid en alkohol misbruik in die Rehoboth-gebied te bepaal*. MFamMed, 1999. 32 pp. Studieleiers: Dr W Pienaar, prof PJT de Villiers.
9. NAIDOO M. *Die rol van geloof tydens die konsultasie : pasiënt en geneesheer perspektief*. MFamMed, 1999. 37 pp. Studieleier: Dr K Anthonissen.
10. PRETORIUS F. *Coronary Heart Disease Risk Factor Study in the African population of Mariental*. MFamMed cum laude, 1999. 24 pp. Studieleier: Dr P van der Merwe.
11. STOPFORTH JG. *Successful smoking cessation*. MFamMed, 1999. 34 pp. Studieleier: Dr M Pather.
12. STRYDOM J. *STD surveillance by a network of General Practitioners (SASPREN) in the Western Cape*. MFamMed, 1999. 22 pp. Studieleier: Dr M de Klerk.
13. VERMEULEN D. *Is Karl Bremer 'n baba-vriendelike hospitaal en hoe kan 'n mens 'n baba-vriendelike eenheid daar implementeer?* MFamMed cum laude, 1999. 30 pp. Studieleier: Dr M Wates.

Magister lopend/Master's current

1. ABEL N. *Het die primère gesondheidsorgpasiënte in Hermanus met hipertensie voldoende beheer oor hulle behandeling?* MFamMed Studieleier: Dr G Watermeyer.
2. BEKKER D. *What is the prevalence of alcohol abuse and/or dependence in patients attending my practice?* MFamMed Studieleier: Prof PJT de Villiers.
3. BESTER N. *Does the involvement of a multidisciplinary team shorten the stay of patients in Conradie Hospital Rehabilitation Unit*. MFamMed Studieleier: Dr B Mash.
4. BEZUIDENHOUT C. *Is die klubstelsel by die daghospitale meer effektief as die gewone konsultasiestelsel*. MFamMed Studieleier: Dr M Pather.
5. BRITZ D. *The effectiveness of an anti-smoking intervention programme in a primary health care practice*. MFamMed Studieleier: Dr M Pather
6. BURGER H. *The effectiveness of TB treatment in the Namaqualand District*. MFam Med Studieleier: Dr P van der Merwe.

7. CHANGWA C. *Evaluating the management and follow-up of rape victims presenting at Kuruman Hospital*. MFamMed Studieleier: Dr MK Pather.
8. COETZÉ JP. *Kan die doopstokkie (Boehringer Leuco) gebruik word as 'n siftingstoets in kinders met vermoedelike meningitis*. MFamMed Studieleier: Dr A Klop.
9. CONRADIE H. *Die gebruik van alternatiewe geneeskunde deur pasiënte in die algemene praktyk in die Wellington area*. MFamMed Studieleier: Dr DP van Velden.
10. DE VOS W. *Die voorkoms van moontlike oorsaaklike faktore vir snitbreuk by pasiënte in Karl Bremer Hospitaal*. MFamMed Studieleier: Dr A Marais.
11. DE WET C. *The evaluation of antibiotic resistance of micro-organisms cultured for microscopy and sensitivity at Eben Dinges Hospital*. MFamMed Studieleier: Dr P van der Merwe.
12. DEKKER G. *'n Evaluering van algemene praktisyne in die Wes-Kaap se kennis van kutane maligne melanoom*. MFamMed Studieleier: Dr HF Jordaan.
13. ESSOP R. *To investigate the role of syphilis regarding faetal abnormality, miscarriages, STD and symptomatology in a rural population of the Paarl Valley Area*. MFamMed Studieleier: Dr P de Villiers.
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49. PAGE C, JENKINS K, ENGELBRECHT AM, BURGER H, PATIENCE T, DOUBELL AF. *Inhibitory effect of carvedilol on ischaemia-reperfusion injury in neonatal ventricular myocytes.* 27th Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
50. PONT K, PRETORIUS MM, DOUBELL AF, REUTER H. *The cardiovascular involvement in patients with systemic lupus erythematosus.* African League Against Rheumatism (AFLAR) and South African Arthritis and Rheumatism Association (SARA) Meeting. Stellenbosch, 1999.
51. PONT K, PRETORIUS MM, DOUBELL AF, REUTER H. *Valvular heart disease in systemic lupus erythematosus.* III African League Against Rheumatism (AFLAR) Conference and XVI Biennial Congress of the South African Rheumatism and Arthritis Association (SARA). Stellenbosch, 1999.
52. REUTER H, BIEBUYCK A, DOUBELL AF. *The role of tuberculosis in the pathogenesis of Takayasu's arteritis.* III African League Against Rheumatism (AFLAR) Conference and XVI Biennial Congress of the South African Rheumatism and Arthritis Association (SARA). Stellenbosch, 1999.
53. REUTER H, BURGESS LJ, CARSTENS ME, DOUBELL AF, TALJAARD JJF. *The role of cytokines in the immunopathogenesis of tuberculous pericarditis.* 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
54. STRIJDOM JG, LOCHNER A, MOOLMAN JA, DONTII R, HUISAMEN B. *Establishing an adult myocyte model for ischaemic preconditioning: The importance of the isolation procedure on cardiomyocyte viability.* 27th Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
55. TITUS C, HOUGH FS, HULLEY PA. *Glucocorticoid-induced adipogenesis in the MBA 15.4 preosteoblast cell line.* 27th Annual Congress of the Physiology Society of Southern Africa. Stellenbosch, 1999.
56. VAN SCHALKWYK EM, BEZUIDENHOUT J, WYSER CP, BARDIN PG, JOUBERT JR. *Descriptive study of pulmonary sarcoidosis in smokers and non-smokers.* XVth SA Pulmonology Society Congress. Wild Coast Sun, 1999.
57. WHITELAW D. *A prospective study of acute neuropsychiatric events of SLE patients.* III African League Against Rheumatism (AFLAR) Conference and XVI Biennial Congress of the South African Rheumatism and Arthritis Association (SARA). Stellenbosch, 1999.

Hoofstukke in boeke/Chapters in books

1. BARDIN PG. Viral Infections in Asthma. In: Barnes PJ, Niemens HJ, (eds). *Practical issues in Asthma Management.* Van Zuiden Communications, Amsterdam, The Netherlands, 1999: 1-8.

Magister afgehandel/Master's completed

1. BODENSTEIN WMJ. *Alterations of bone and mineral metabolism after renal transplantation.* MMed, 1999. 24 pp. Studieleiers: Prof FS Hough, dr MR Moosa.
2. HAUG P. *The influence of HMG-CoA reductase inhibitors on insulin sensitivity in type 2 diabetes.* MMed, 1999. 12 pp. Studieleier: Dr FJ Maritz.
3. KABALI-KAGWA V. *Lipid abnormalities in renal transplant patients.* MMed, 1999. Studieleier: Dr MR Moosa.
4. PONT K. *The cardiac involvement in patients with systemic lupus erythematosus.* MMed, 1999. 15 pp. Studieleier: Dr H Reuter.
5. SMALBERGER D. *Epidemiological survey of the lipid profile in ethnic groups of Namibia.* MMed, 1999. Studieleiers: Prof J Joubert, dr FJ Maritz.

Doktoriaal lopend/Doctoral current

1. CARR J. *Physiological and Genetic characteristics of a novel form of progressive myoclonic epilepsy.* MD Promotor: Prof P Brink.
2. CONRADIE M. *A comparative study of the determinants of bone strength and the propensity to falls in black and white South African women.* PhD Promotor: Prof FS Hough.
3. MARITZ FJ. *HMG-CoA reductase inhibitors and bone metabolism.* PhD Promotor: Prof FS Hough.
4. MOOSA MR. *The development of malignancies in renal allograft recipients with special emphasis on Kaposi Sarcoma.* MD Promotor: Prof DF du Toit.

Magister lopend/Master's current

1. CONRADIE MM. *Abnormalities of Bone, Mineral and Lipid Metabolism in eating disorders*. MSc Studieleier Prof FS Hough.
2. TITUS C. *Mechanisms of osteoblast differentiation*. MSc Studieleier Prof FS Hough.

KARDIOTORAKALE CHIRURGIE / CARDIOTHORACIC SURGERY

Tydskrifartikels/Journal articles

1. GOVENDER V, LE ROUX P, ROSSOUW G, COETZEE A. Magnesium and myocardial reperfusion injury – a study in patients undergoing coronary artery bypass surgery. *Cardiovascular Journal of South Africa* 1999; **89**(Supplement 3): C144-C149.
2. PAPAGIANNOPoulos KA, LINEGAR AG, HARRIS DG, ROSSOUW GJ. Surgical management of airway obstruction in primary tuberculosis in children. *Annals of Thoracic Surgery* 1999; **68**: 1182-1186.
3. HARRIS DG, PAPAGIANNOPoulos KA, PRETORIUS J, VAN ROOYEN T, ROSSOUW GJ. Current evaluation of cardiac stab wounds. *Annals of Thoracic Surgery* 1999; **68**: 2119-2122.

Doktoraal lopend/Doctoral current

1. ROSSOUW GJ. *Selektiewe en sistemiese hiperkalemie op kardiopulmonale omleiding sonder miokardiale isgemie*. PhD Promotor: Prof AR Coetze.

KERNGENEESKUNDE / NUCLEAR MEDICINE

Tydskrifartikels/Journal articles

1. HUGO F, VAN HEERDEN B, ZUNGU-DIRWAYI N, STEIN DJ. Functional brain imaging in obsessive-compulsive disorder secondary to neurological lesions. *Depression and Anxiety* 1999; **10**: 129-136.
2. LEMMENS N, VAN HEERDEN B, MORTELMANS L. Toepassingen van de nucleaire geneeskunde in de huidige behandelingsstrategie van borstcarcinoom. *Tijdschrift voor Geneeskunde* 1999; **55**(13): 968-973.
3. STEIN DJ, VAN HEERDEN B, WESSELS CJ, VAN KRADENBURG J, WARWICK J, WASSERMAN HJ. Single Photon Emission Computed Tomography of the brain with Tc-99m HMPAO during sumatriptan challenge in obsessive-compulsive disorder: Investigating the functional role of the serotonin auto-receptor. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 1999; **23**:1079-1099.

Verrigtinge internasionaal/Proceedings international

1. KEBEDE N, KOEBERG F, DE BEER M, DE KLERK F, RUBOW SM. A critical evaluation of *in vivo/in vitro red cell labelling methods*. *European Journal of Nuclear Medicine* 1999; **26**(9): 1202.
2. LLOYD N, KEBEDE N, LACKAY C, LUDWICK L, DE KLERK F, RUBOW SM. Leukocyte labelling: Evaluation of suitable procedures and environment. *European Journal of Nuclear Medicine* 1999; **26**(9): 1201.
3. VERMAAK DB, GREGOR RT, VLANTIS A, ELLMANN A. The value of SPECT scanning with thallium-201 in head and neck cancer – a South African experience. *European Journal of Nuclear Medicine* 1999; **26**(9): 1144.

Verrigtinge nasionaal/Proceedings national

1. KOEBERG F, KEBEDE M, DE BEER M, DE KLERK F, RUBOW SM. A critical evaluation of *in vivo/in vitro red cell labelling methods*. *South African Medical Journal* 1999; **89**: 89.
2. LLOYD N, KEBEDE N, LACKAY C, LUDWICK L, AFRICANDER A, DE KLERK F, RUBOW SM. Leukocyte labelling: Evaluation of suitable procedures and environment. *South African Medical Journal* 1999; **89**: 89.
3. MESOTTEN LVJ, DU TOIT GC, VAN HEERDEN BB, KLOPPER JF. Bone scintigraphy as a screening investigation in advanced cervical cancer. *South African Medical Journal* 1999; **89**: 85.
4. PRINS MJ, SCHMIDT SJ, BOTHA JEC, VAN RENSBURG CJ, ELLMANN A. A comparative study of demographic and pathophysiological factors in non-erosive reflux esophagitis versus erosive reflux esophagitis. *South African Medical Journal* 1999; **89**: 85.
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7. WASSERMAN HJ. Quantification of gamma camera spatial resolution by means of bar phantom images. *South African Medical Journal* 1999; **89**: 88.

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2. VAN HEERDEN BB. *Epilepsy and nuclear medicine.* Neuroradiography Seminar. Peninsula Technikon, Bellville, 1999.
3. VAN HEERDEN BB. *Nuclear Medicine in Sports Injuries.* National Sports Imaging Congress. Faculty of Medicine, University of Stellenbosch, Tygerberg, 1999.
4. VAN ZYL JA, ELLMANN A. *Die chirurg en kerngeneeskundige: Die rol van radionukliedspoorders in die teater.* 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
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MENSLIKE VOEDING / HUMAN NUTRITION

Verrigtinge nasionaal/Proceedings national

1. BLAAUW R, LABADARIOS D. *Factors associated with vitamin A and anthropometric status in pre-school children in the Western Cape.* 7th Biennial Congress of the South African Society of Parenteral and Enteral Nutrition. Durban, 1999: 1018.
2. HERSELMAN M, MOOSA MR, KOTZE TJ, KRITZINGER M, WUISTER S, MOSTERT D. *Protein-energy malnutrition as a risk factor for increased morbidity in long-term hemodialysis patients.* 7th Biennial Congress of the South African Society of Parenteral and Enteral Nutrition. Durban, 1999: 1019.
3. MARAIS D, STEENKAMP J. *Determination of the nutritional status and feeding practices in children below two years of age at the Adriaanse Clinic, Eerste River.* 7th Biennial Congress of the South African Society of Parenteral and Enteral Nutrition. Durban, 1999: 1020.
4. MÜLLER N, ERASMUS C, RETIEF M, BLAAUW R, LABADARIOS D. *Determination of vitamin A status in breastmilk of lactating mothers in the Bishop Lavis Area.* 7th Biennial Congress of the South African Society of Parenteral and Enteral Nutrition. Durban, 1999: 1020.

Magister afgehandel/Master's completed

1. VAN DER SPUY DA. *Assessment of a user-driven programme for training health care workers in breastfeeding practices.* MVoeding cum laude, 1999. 177 pp. Studieleier: Prof D Labadarios.

Doktoraal lopend/Doctoral current

1. HOWARD S. *Effects of gender of household head on nutritional status of pre-school children.* PhD Promotor: Prof D Labadarios.

Magister lopend/Master's current

1. BEUKES RA. *The growth patterns of infants from birth to twelve months in relation to feeding patterns.* MVoeding Studieleier: Prof D Labadarios.
2. CONRADIE J. *Mikronutriëntstatus tydens die akute fase respons.* MVoeding Studieleier: Prof D Labadarios.
3. GOEIMAN H. *The use of the Road to Health Chart in Primary Health Care.* MVoeding Studieleier: Prof D Labadarios.
4. JOUBERT PA. *Production of enteral feeds: manual vs mechanised vs "ready to hang".* MVoeding Studieleier: Prof D Labadarios.
5. TSHITAUDZI G. *Nutritional status of pregnant adolescent women with special emphasis on iron and folic acid deficiencies.* MVoeding Studieleier: Prof D Labadarios.

NEUROCHIRURGIE / NEUROSURGERY

Referate nasionaal/Papers national

1. HARTZENBERG HB. *Die hantering van die bewusteloze pasient.* Die Neuroradiography Seminar, Vereniging van Radiografiste. Pentech, Bellville, 1999.
2. HARTZENBERG HB. *Introduction to craniofacial surgery.* Konferensie van die Neurochirurgiese Vereniging van SA vir kliniese assistente. Tygerberg, 1999.
3. HARTZENBERG HB. *Surgery for Sincipital Encephaloceles.* Association of Plastic and Reconstructive Surgeons of Southern Africa's Symposium on Craniofacial Surgery and Lower Limb Trauma. Somerset West, 1999.

Magister afgehandel/Master's completed

1. VAN DER MERWE FL. *Spinale ekstradurale aragnoïëdsiste: 'n Kliniese-anatomiese studie tot die moontlike patogenese.* MMed, 1999. 29 pp. Studieleier. Prof HB Hartzenberg.

Magister lopend/Master's current

1. GOVENDER H. *Traumatic cerebral contusions. Prospective study of conservative management outcomes.* MMed. Studieleier: Prof HB Hartzenberg.
2. GROBBELAAR P. *Unexpected deaths in neurosurgical patients. A one year survey at the Tygerberg Academic Hospital.* MMed Studieleier: Prof HB Hartzenberg.

OOGHEELKUNDE / OPHTHALMOLOGY

Tydkrifartikels/Journal articles

1. KRUGER LP, ACTON JK. Paintball ocular injuries. *South African Medical Journal* 1999; **89**(3): 265-268.
2. ZISKIND A, KOTZE MJ, GROBBELAAR JJ. The relationship between congenital hypertrophy of the retinal pigment epithelium (CHRPE) and germline mutations in the adenomatous polyposis coli (APC) gene. *Ophthalmic Genetics* 1999; **20**(1): 1-67.

Verrigtinge internasionaal/Proceedings international

1. MEYER D, LIEBENBERG PH, MARITZ FJ, BURGESS LJ. *Cortical lens opacities in the young patient – an indication for a lipogram?* The Association for Research in Vision and Ophthalmology (ARVO) Kongres. Fort Lauderdale, Florida, 1999: S886.

Referate internasionaal/Papers international

1. MEYER D, LIEBENBERG PH, MARITZ FJ, BURGESS LJ. *Cortical lens opacities in the young patient – an indication for a lipogram?* The Association for Research in Vision and Ophthalmology (ARVO) Kongres. Fort Lauderdale, Florida, 1999.

Referate nasionaal/Papers national

1. MEYER B, MEYER D. *A Cataract Project in an academic hospital.* Kongres van die Oftalmologiese Vereniging van Suid-Afrika. Kaapstad, 1999.
2. VAN NIEKERK J, MEYER D. *The Epidemiology of Ocular trauma in a large Academic Centre over a one-year period.* Kongres van die Oftalmologiese Vereniging van Suid-Afrika. Kaapstad, 1999.

Magister afgehandel/Master's completed

1. MEYER BB. *Cataract project in a Teaching Hospital – Strategic planning and application.* MMed, 1999. 31 pp. Studieleier: Prof D Meyer.
2. VAN NIEKERK J. *The epidemiology of ocular trauma over a one-year period in a large academic hospital with reference to the latest international classification system as suggested by the ocular trauma classification group.* MMed, 1999. 34 pp. Studieleier: Prof D Meyer.

Doktoraal lopend/Doctoral current

1. MEYER D. *A critical appraisal of the Etiology of Human Lenticular Opacification and an investigation into the role of metabolic factors in its Pathogenesis.* PhD Promotor: Dr DP Parkin.

OOR-, NEUS- EN KEELHEELKUNDE (WAARBY INGESLUIT DIE EENHEID VIR SPRAAKHEELKUNDE EN AUDIOLOGIE) / OTORHINOLARYNGOLOGY (INCLUDING THE UNIT FOR SPEECH-LANGUAGE THERAPY AND AUDIOPATHOLOGY)

Tydskrifartikels/Journal articles

1. VALDÈS OLMOS RA, KOOPS W, LOFTUS BM, GREGOR RT, HOEFNAGEL CA, HILGERS FJM, BALM AJM. Correlative 201TI SPECT, MRI and Ex Vivo 201TI uptake in detecting and characterizing cervical lymphadenopathy in head and neck squamous carcinoma. *Journal of Nuclear Medicine* 1999; **40**: 1414-1419.

Referate internasional/Papers international

1. GREGOR RT. *Laryngeal disorders, laryngeal stenosis*. The Management of Subglottic Stenosis in Adults. The 50th Anniversary Meeting of the Spanish ENT Society. Madrid, 1999.
2. GREGOR RT. *The use of Radiotherapy for Cancer of the Larynx*. Sisson International Head and Neck Workshop. Vail, Colorado, 1999.
3. GREGOR RT, AHUJA A, VAN HASSELT A. *The value of Ultrasound in the Head and Neck*. The Annual Meeting of the American Academy of ORL-H&N Surgery. New Orleans, Louisiana, 1999.
4. KNAPPE M, ATTWOOD R, GREGOR RT. *Ultrasound for the assessment of primary spread of Cancer of the Larynx and Hypopharynx*. British Academic Conference on ORL. Cambridge, UK, 1999.
5. KNAPPE M, ATTWOOD R, GREGOR RT. *Ultrasound guided fine needle aspiration (US-FNA) in the assessment of cervical metastases in H&N cancer*. British Academic Conference on ORL. Cambridge, UK, 1999.
6. KNAPPE M, LOUW M, GREGOR RT. *Ultrasound-Guided Fine Needle Aspiration for the assessment of cervical metastases*. The Combined Otolaryngological Spring Meetings. Pal Desert, California, 1999.
7. LOUW W, ATTWOOD R, GREGOR RT: *Otogenic lateral sinus thrombosis and the "Empty Delta Sign"*. British Academic Conference on ORL. Cambridge, UK, 1999.

Referate nasionaal/Papers national

1. ATTWOOD R, LOUW W, GREGOR RT. *Otogenic lateral sinus thrombosis and the empty delta sign*. Annual Meeting of the SA Society of ORL H&N Surgery. Bloemfontein, 1999.
2. VERMAAK DB, GREGOR RT, ELLMANN A. *The value of SPECT scanning with Thallium-201 in identifying occult primaries and recurrence in head and neck cancer*. Annual Meeting of the SA Society of ORL H&N Surgery. Bloemfontein, 1999.
3. VLANTIS L, ELLIOT H, OUDES M, GREGOR RT. *Conversion of Speech rehabilitation from non-indwelling to PROVOX-2-indwelling voice prostheses – comparison of patient preference and voice quality*. Annual Meeting of the SA Society of ORL H&N Surgery. Bloemfontein, 1999.

Hoofstukke in boeke/Chapters in books

1. GREGOR RT. Neck Node Metastases. In: Jones, Philips, Hilgers, (eds). *Diseases of the Head & Neck, Nose and Throat*. Edward Arnold, London, 1998: 386-404.
2. GREGOR RT. Tumours of the Larynx. In: Jones, Philips, Hilgers, (eds). *Diseases of the Head & Neck, Nose and Throat*. Edward Arnold, London, 1998: 207-229.

Magister afgehandel/Master's completed

1. LOUW W. *Faringeale pleksus neurektomie versus nonsluiting van die konstriktorspiere: Vergelyking van post laringeektomiekomplikasies en stem- en spraakkwaliteit met gebruik van die Provox prostese*. MMed, 1999 20 pp. Studieleier: Prof RT Gregor.
2. KNAPPE M. *Ultrasound-Guided Fine needle Aspiration (US/FNA) for the Assessment of Cervical Lymph Nodal Metastases in Head and Neck squamous Cell Cancer*. MMed, 1999. 31 pp Studieleier: Prof RT Gregor.

Magister lopend/Master's current

1. VERMAAK B. *The use of Thallium-201 radionucleide scanning in head and neck cancer*. MMed Studieleier: Prof RT Gregor.

ORTOPEDIE / ORTHOPEDICS

Referate nasionaal/Papers national

1. DU PLESSIS R. *Chiari osteotomy in Perthe's disease*. SAOV Kongres. Pretoria, 1999.
2. VAN DYK B. *Evans osteotomy for adolescent hypermobile flat feet*. SAOV Kongres. Pretoria, 1999.
3. WADE WJ. *Artrodiatase vir die behandeling van chondrolise van die heup*. Suid-Afrikaanse Pediatriese Vereeniging Kongres. Durban, 1999.
4. WADE WJ. *The management of hypermobile flat feet in the adolescent*. SA Voetkundige (Podiatry) Vereeniging Kongres. Kaapstad, 1999.
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PEDIATRIE EN KINDERGESONDHEID \ PAEDIATRICS AND CHILD HEALTH

Tydskrifartikels/Journal articles

1. ADAMS JFA, SCHÖLVINCK EH, GIE RP, POTTER PC, BEYERS N, BEYERS AD. Decline in total serum IgE after treatment for tuberculosis. *Lancet* 1999; **353**: 2030-2032.
2. BENTWICH Z, KALINKOVICH A, WEISMAN Z, BORKOW G, BEYERS N, BEYERS AD. Can eradication of helminthic infections change the face of AIDS and tuberculosis? *Immunology Today* 1999; **20**(11): 485-487.
3. BRADSHAW D, MBWEU AD, BRINK PA, WALKER ARP, VAN DER MERWE P-L, MOKHOBO KP. Epidemiology of cardiovascular disease in South Africa – Part I. *Cardiovascular Journal of Southern Africa* 1999; (Supplement 1): C38-C44.
4. BRADSHAW D, MBWEU AD, BRINK PA, WALKER ARP, VAN DER MERWE P-L, MOKHOBO KP. Epidemiology of cardiovascular disease in South Africa – Part II. *Cardiovascular Journal of Southern Africa* 1999; (Supplement 2): C84.
5. CLASSEN CN, WARREN R, RICHARDSON M, HAUMAN JH, GIE RP, ELLIS JHP, VAN HELDEN PD, BEYERS N. Impact of social interactions in the community on the transmission of tuberculosis in a high incidence area. *Thorax* 1999; **54**: 136-140.
6. COTTON MF. Dental abscesses as a cause of "unexplained" recurrent fever in a 9-year-old boy. *South African Medical Journal* 1999; **89**(8): 841-842.
7. DE BEER H, PETRIE A, KALIS NN, VAN DER MERWE P-L. The diagnostic importance of murmurs audible over the back in children with heart disease. *Cardiovascular Journal of Southern Africa* 1999; (Supplement 2): C71.
8. DONALD PR. Children and tuberculosis: Protecting the next generation? *Lancet* 1999; **353**: 1001-1002.
9. GOUSSARD P, GIE R, KLING S, BEYERS N. Thoracic actinomycosis mimicking primary tuberculosis. *Pediatric Infectious Diseases Journal* 1999; **18**(5): 473-475.
10. HESSELING PB, ANKONE K, WESSELS G, SCHNEIDER JW, DU PLESSIS L, MOORE S. Neuroblastoma in southern Africa: Epidemiological features, prognostic factors and outcome. *Annals of Tropical Paediatrics* 1999; **19**: 357-363.
11. HESSELING PB, HOUGH FS, NEL ED, VAN RIET FA, BENEKE T, WESSELS G. Bone mineral density in long-term survivors of childhood cancer. *International Journal of Cancer* 1998; (Supplement 11): 44-47.
12. HESSELING PB, KALIS NN, WESSELS G, VAN DER MERWE PL. The effect of anthracyclines on myocardial function in 50 long-term survivors of childhood cancer *Cardiovascular Journal of Southern Africa* 1999; (Supplement 1): C25-C28.
13. HOAL-VAN HELDEN EG, EPSTEIN J, VICTOR TC, HON D, LEWIS L, BEYERS N, ZURAKOSKI D, ALAN R, EZEKOWITZ AB, VAN HELDEN PD. Mannose-binding protein B Allele confers protection against tuberculous meningitis. *Pediatric Research* 1999; **45**(4): 459-464.
14. HUSSEY C, FRANSMAN D, MCGILLVRAY G, REYNOLDS L, JACOBS M, POWER D, BURGESS J, ELEY B, WOODS D, COETZEE N, COETZEE E, ANTHONY J, MAARTENS G, SCHAAF S, COTTON M, THERON G. The mother-to-child HIV transmission debate. *South African Medical Journal* 1999; **89**(2): 103-104.
15. LOUW HM, VAN SCHALKWYK HJS, BARNES JM, DHANSAY S, SCHAAF HS. Child abuse and neglect: Social work experience at Tygerberg Hospital. *Social Work/Maatskaplike Werk* 1999; **35**(4): 301-312.
16. PIO A, RASMUSSEN Z, YAOHUA D, BEYERS N, MABOSHE M, MWINGA A, ENGWAU FA, FERREL M, AÏT-KHALED N, NG'ANG'A I. Priorities for research in lung health. *International Journal of Tuberculous Lung Disease* 1998; **2**(12): 1046-1048.
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18. SMIT A, SCHOEMAN JF, SEIFART HI, PARKIN DP. Practical management of therapeutic diphenylhydantoin concentrations in children. *South African Medical Journal* 1999; **89**(10): 1092-1097.
19. SMITH J, LAHMER D. Low-dose inhalation nitric oxide in neonatal conditions associated with persistent pulmonary hypertension. *Hospital Supplies* 1999: 26-37.
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21. SMUTS CM, TICHELAAR HY, DHANSAY MA, FABER M, SMITH J, KIRSTEN GF. Smoking and alcohol use during pregnancy affects preterm infants' docosahexaenoic acid (DHA) status. *Acta Paediatrics* 1999; **88**: 757-762.
22. SMUTS CM, TICHELAAR HY, KIRSTEN GF, DHANSAY MA, FABER M, VAN JAARSVELD PJ, SPINNLER BENADE AJ. The effect of parenteral nutrition with lipovenous or intralipid on the fatty acid composition of plasma and erythrocyte membrane lipids in very-low-birth-weight infants. *South African Medical Journal* 1999; **89**: 687-694.
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25. VAN RIE A, BEYERS N, GIE RP, KUNNEKE M, ZIETSMAN, DONALD PR. Childhood tuberculosis in an urban population in South Africa: Burden and risk factor. *Archives of Disease in Childhood* 1999; **80**: 433-437.
26. VAN RIE A, WARREN RM, BEYERS N, GIE RP, CLASSEN CN, RICHARDSON M, SAMPSON SL, VICTOR TC, VAN HELDEN PD. Transmission of a Multidrug-Resistant Mycobacterium tuberculosis strain resembling "Strain W" among noninstitutionalized, human immunodeficiency virus-seronegative patients. *The Journal of Infectious Diseases* 1999; **180**: 1608-1615.
27. VAN RIE A, WARREN RM, RICHARDSON M, VICTOR TC, GIE RP, ENARSON DA, BEYERS N, VAN HELDEN PD. Exogenous reinfection as a cause of recurrent tuberculosis after curative treatment. *New England Journal of Medicine* 1999; **341**: 1174-1179.
28. VOSS M, MOORE SW, VAN DER MERWE L, PIEPER C. Fulminating necrotising enterocolitis: Outcome and prognostic factors. *Pediatric Surgery International* 1998; **13**: 576-580.

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2. SCHER AT. *An approach to Neuro-angiography*. National Congress of Radiographers. Cape Peninsula Technicon, 1999.
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2. ROOS WP. *Factors which influence G2/M checkpoint control in tumour cells*. PhD Promotor: Prof L Böhm.
3. THERON CS. *The influence of pentoxifylline on damage responses in tumour cells*. PhD Promotor Prof L Böhm.

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2. MARAIS DC. *AUA-simptoontelling en urine-vloeispoed in die diagnose en opvolg van mans met urestrastrikture.* MMed Studieleier: Prof CF Heyns.
3. NAUDÉ AM. *Statistiese analise van hoë PSA-waardes in die diagnose van prostaatkarsinoom.* MMed Studieleier: Prof CF Heyns.
4. STELLMACHER GA. *Die hantering van nier- en ureterbeserings, met besondere verwysing na die rol van arteriografie, perkutane nefrostomie en ureterspalke in die hantering van komplikasies.* MMed Studieleier: Prof CF Heyns.
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VERLOSKUNDE EN GINEKOLOGIE (WAARBY INGESLUIT DIE NAVORSINGSEENHEID VIR PERINATALE MORTALITEIT) OBSTETRICS AND GYNAECOLOGY (INCLUDING THE PERINATAL MORTALITY RESEARCH UNIT)

Tydskrifartikels/Journal articles

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76. THIART R, LOUBSER O, MARAIS AD, SCHOLTZ CL, HILLERMANN R, KOTZE MJ. *Afrikaner founder mutations contribute significantly to the familial hypercholesterolaemia phenotype in the indigenous South African population of mixed ancestry*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
77. THIART R, PEETERS AV, SCHOLTZ CL, DE VILLIERS JNP, VERGOTINE J, KOTZE MJ. *Predominance of a 6-bp deletion in exon 2 of the LDL receptor gene and a -175G/T promoter variant in Africans with familial hypercholesterolaemia*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
78. VAN DER MERWE JP, FRANKEN DR, OEHNINGER SC, KRUGER TF. *Invoed van peritoneale vloeistof van endometriose pasiënte op zona pellucida bindingskapasiteit (ZPBK)*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
79. VAN DONGEN PWJ, THERON GB. *Hypermobility and peripartum pelvic pain*. Joint Dutch South African Symposium. Stellenbosch, 1999.
80. VAN RENSBURG SJ, POTOCKI FCV, DE VILLIERS JNP, HUGO FJ, KOTZE MJ, TALJAARD JJF. *Earlier age of onset in Alzheimer's Disease patients with both the transferrin C2 and apolipoprotein E4 alleles*. Congress of the Biological Psychiatry Group of South Africa. Stellenbosch, 1999.
81. VAN WAART J, KRUGER TF, COETZEE K. *Morphology vs intrauterine insemination*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
82. VAN WYK R, SLEZAK P, KOTZE MJ, JARAMILLO E, KOIZUMI K, GROBBELAAR JJ. *Multiple APC mutations in sporadic flat colorectal adenomas*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
83. VAN ZYL FH, DE VILLIERS JNP, SCHOLTZ CL, KOTZE MJ. *DNA screening for the haemochromatosis mutation C282Y in heterozygous familial hypercholesterolaemia patients*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
84. VAN ZYL FH, VAN WYK R, KOTZE MJ. *Molecular analysis of the promoter region of the Bilirubin-UGT1 gene, implicated in Gilbert's Syndrome, in the diverse South African population*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
85. VERGOTINE J, THIART R, DE JONG G, DE VILLIERS JNP, KOTZE MJ. *Familial hypercholesterolaemia: Potential diagnostic value of mutation screening in a paediatric population of South Africa*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
86. VERGOTINE J, THIART R, LANGENHOVEN E, DE JONG G, KOTZE MJ. *Prenatal diagnosis in a family with familial hypercholesterolaemia caused by the Afrikaner founder mutation D206E in the LDL receptor gene*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
87. WARNICH L, WASO H, DE VILLIERS JNP, KOTZE MJ. *Molecular genetics of variegate porphyria in South Africa: Implications and perspectives*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
88. WASO H, LIEBENBERG 'n, GROENEWALD I, DE VILLIERS JNP, KOTZE MJ, WARNICH L. *Haplotype analysis in two families with the P256R protoporphyrinogen oxidase gene mutation*. 8th Biennial South African Society of Human Genetics Congress. Gordon's Bay, 1999.
89. WINDT M-L. *Antisperm antibodies – laboratory techniques*. Semenology Workshop for Sub-Saharan African Reproductive Biologists. Tygerberg Hospital, Tygerberg, 1999.
90. WINDT M-L, COETZEE K, KRUGER TF. *Early cell division of embryos and pregnancy success in ICSI*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.
91. WINDT M-L, EL SHAFIE M, KITSHOFF M, KRUGER TF, SOUSA M. *Transmission electron microscopic (TEM) evaluation of morphological abnormal oocytes*. 43ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 1999.

Boeke/Books

1. COETZEE K, KRUGER TF. *The Hamilton Thorne Research IVOS (dimension system) semen analyzer: Human sperm morphology evaluation*. Hamilton Thorne Research, 1999. 113 pp.

Hoofstukke in boeke/Chapters in books

1. THERON GB. Obstetric haemorrhage. In: Pattinson RC, (ed.). *Saving mothers, Report on confidential enquiries into maternal deaths in South Africa*, 1998. Department of Health, 1999: 39-50.

Doktoraal afgehandel/Doctoral completed

1. COETZEE K. *The prognostic value of computerised semen analysis: normal sperm morphology, motility, forward progression and concentration*. PhD, 1999. 124 pp. Promotor: Prof TF Kruger.
2. HALL DR. *Expectant management of early onset, severe pre-eclampsia*. MD, 1999. 220 pp. Promotor: Prof HJ Odendaal.
3. HAYES VM. *Mutation screening of the TP53 and KRAS genes in tumours of the colon, lung and brain*. PhD, 1999. 140 pp. Promotor: Prof CHCM Buys.

Magister afgehandel/Master's completed

1. BOTHA MH. *Onderzoek na ernstige moederlike morbiditeit en mortaliteit by Tygerberg Akademiese Hospitaal tussen 1 Oktober 1997 en 31 Oktober 1998*. MMed, 1999. 32 pp. Studieleier: Prof GB Theron.
2. DEACON SD. *Atypical squamous cells of undetermined significance*. MMed, 1999. 29 pp. Studieleier: Dr GC du Toit.
3. DU PREEZ J. *HELLP sindroom*. MMed, 1999. 35 pp. Studieleier: Dr DW Steyn.
4. GELDENHUYSEN (née LESCH) KE. *Molekuläre analyse van genoomveranderinge in limfome*. MScGeneeskWet, 1999. 30 pp. Studieleier: Dr MP Marx.
5. HOOGENDIJK CF. *Analysis of regulatory mutations at the low-density lipoprotein receptor gene locus*. MScGeneeskWet, 1999. 31 pp. Studieleier: Dr MJ Kotze.
6. HUGO D. *Advanced stage endometrial carcinoma*. MMed, 1999. 26 pp. Studieleier: Dr GC du Toit.
7. ODENDAAL E. *Obstetric reasons for the delivery of very low birth-weight babies at Tygerberg Hospital*. MMed, 1999. 28 pp. Studieleier: Dr DW Steyn.
8. WALLACE MJ. *Neonatal group B streptococcus disease: A prevention strategy for Tygerberg Hospital*. MMed, 1999. 23 pp Studieleier: Dr DW Steyn.

Doktoraal lopend/Doctoral current

1. DU PLESSIS L. *Molecular investigation of oesophageal carcinoma in South Africa: A search for new candidate genes*. PhD Promotor: Dr MJ Kotze.
2. DU PLESSIS SS. *A study of the intracellular signalling events involved in the zona pellucida induced acrosome reaction in human spermatozoa*. PhD Promotor: Prof DR Franken.
3. DU TOIT GC. *Prognostic parameters in cervical cancer*. MD Promotor: Prof AE Schaetzing.
4. ESTERHUIZEN A. *When human fertilization fails: development of a sequential analytical diagnostic programme*. PhD Promotor: Prof DR Franken.
5. OEHNINGER SC. *The interaction between human spermatozoa and its homologous zona pellucida: Scientific advances and clinical significance*. PhD Promotor: Prof DR Franken.
6. SCHOLTZ CL. *Molecular investigation into regulatory mechanisms of genes involved in lipoprotein metabolism*. PhD Promotor: Dr MJ Kotze.
7. THIART R. *Comparative analysis of familial hyperlipidemia in different populations*. PhD Promotor: Dr MJ Kotze.
8. VAN DER MERWE JP. *Factors influencing the success of gamete inter fallopian transfer (GIFT) for alleviating human infertility*. MD Promotor: Prof TF Kruger.
9. WINDT M-L. *Human gamete micro-manipulation and intracytoplasmic sperm injection (ICSI): Its impact on severe male factor infertility*. PhD Promotor: Prof TF Kruger.

Magister lopend/Master's current

1. JULIES M. *Molecular genetic-analysis of Hirschsprung's Disease in South Africa*. MScGeneeskWet Studieleier/medestudieleier: Prof SW Moore/dr MJ Kotze.
2. VERGOTINE J. *MEDPED project: Presymptomatic diagnosis in families with disease-related LDLR gene mutations*. MScGeneeskWet Studieleier: Dr MJ Kotze.

VERPLEEGKUNDE / NURSING SCIENCE

Referate internasional/Papers international

1. BESTER ME. *Dilemma of South African Legislation for Termination of Pregnancy – A Nursing education perspective*. 1st International Nursing Congress. Beirut, Lebanon, 1999.
2. WELMANN EB. *Cultural diversity & Nursing Education: An ethical perspective*. 1st International Nursing Congress. Beirut, Lebanon, 1999.

Doktoraal lopend/Doctoral current

1. STELLENBERG EL. *An investigation into the factors influencing the health status of the coloured people of the Western Cape in an urban setting.* DCur Promotor: Prof EB Welmann.

Magister lopend/Master's current

1. ASIA I. *The adolescent and sexual health.* MCur Studieleier: Prof EB Welmann.
2. BARLOW H. *An evaluation of neonatal nursing care in selected hospitals in the Western Cape.* MCur Studieleier: Prof EB Welmann.
3. BELL (née Salter) JD. *An investigation into the scope of practice of the registered critical care nurse.* MCur Studieleier: Prof EB Welmann.
4. BERNHARDT L. *Factors influencing an effective infection control process in a neonatal intensive care unit.* MCur Studieleier: Dr TD Van der Merwe.
5. BEYERS EE. *Nurses' knowledge regarding methicillin-resistant staphylococcus aureus (MRSA) infections in an intensive care unit (ICU).* MCur Studieleier: Dr TD Van der Merwe.
6. BIMRAY (née Oliphant) PB. *Die bepaling van standaarde vir 'n omvattende opvolgdiens aan onkologiepasiënte.* MCur Studieleier: Prof EB Welmann.
7. BRODRICK AM. *An evaluation of the care of the spinal-injured client.* MCur Studieleier: Prof EB Welmann.
8. BUTHELEZI BP. *The evaluation of the management of patients admitted for long-term psychiatric care in selected wards.* MCur Studieleier: Dr ME Bester.
9. BUTHELEZI TA. *Tuberculosis in the Madadeni district: A community study.* MCur Studieleier: Prof EB Welmann.
10. CLAYTON SP. *An evaluation of the socialisation process on newly qualified professional nurses.* MCur Studieleier: Prof EB Welmann.
11. DIETRICH ACP. *'n Onderzoek na die werkstevredenheid van geregistreerde verpleegkundiges in geselekteerde intensiewe sorg eenhede.* MCur Studieleier: Prof EB Welmann.
12. DIKLOTLA NJ. *An evaluation of the nursing component of a selected primary health care service.* MCur Studieleier: Prof EB Welmann.
13. FABER S. *'n Evaluasie van die rehabilisatie van pasiënte wat 'n koronêre vaatomleidingsoperasie gehad het in geselekteerde hospitale in die Vrystaat.* MCur Studieleier: Prof EB Welmann.
14. LUKOLO LN. *Adolescent sexual health in a selected region in Namibia.* MCur Studieleier: Prof EB Welmann.
15. MALAN MM. *Die bestuur van menslike hulpbronne in geselekteerde hospitale in die Suid-Kaap: 'n Verpleegperspektief.* MCur Studieleier: Dr ME Bester.
16. MAMOLOKO SS. *Nursing outcome standards for politrauma patients with traumatic brain injuries in the greater Mafikeng region.* MCur Studieleier: Dr TD Van der Merwe.
17. MAPLING MS. *'n Evaluering van die verpleging van pasiënte met mamma karsinoom.* MCur Studieleier: Prof EB Welmann.
18. MCINTOSH J. *An investigation into the turnover of nursing staff in selected private hospitals in KZ-N.* MCur Studieleier: Prof EB Welmann.
19. MHLONGO ZC. *Evaluation of the standards of nursing care in paediatric wards in referral hospitals in Swaziland.* MCur Studieleier: Dr ME Bester.
20. MOUTON CB. *'n Prestasiebeoordelingsmodel vir geregistreerde verpleegkundiges.* MCur Studieleier: Prof EB Welmann.
21. RAS PH. *Evaluering van verpleegsorg van chirurgiese pasiënte in geselekteerde militêre mediese dienspunte.* MCur Studieleier: Prof EB Welmann.
22. RIX MA. *Patient satisfaction in selected private hospitals in the Western Cape.* MCur Studieleier: Dr ME Bester.
23. ROSANT GG. *'n Onderzoek na studentverpleegkundiges se persepsie van verpleging as 'n professie.* MCur Studieleier: Prof EB Welmann.
24. RYAN EM. *Kangaroo Mother Care in the Western Cape.* MCur Studieleier: Dr ME Bester.
25. SMITH EM. *Knowledge, attitudes and beliefs of female students at Western Cape tertiary educational institutions toward HIV infection.* MCur Studieleier: Prof EB Welmann.
26. STEYN CL. *A prospective analysis of the nursing process in a surgical unit.* MCur Studieleier: Prof EB Welmann.
27. UDJOMBALA HT. *Malaria in Namibia: A community study.* MCur Studieleier: Prof EB Welmann.
28. VAN DYK AL. *Die bepaling van standaarde vir die bestuurspraktyk van eenheidsbestuurders in geselekteerde hospitale.* MCur Studieleier: Prof EB Welmann.
29. VERSFELD PW. *Die omvang van teistering by verpleegkundiges in geselekteerde militêre mediese departemente.* MCur Studieleier: Prof EB Welmann.
30. WICHERS MG. *Cultural competence: Implications for nurse practitioners.* MCur Studieleier: Prof EB Welmann.
31. ZIKODE NPL. *The health of street children in a selected urban area in KZ-N: A community health nursing evaluation.* MCur Studieleier: Dr ME Bester.

SENTRUM VIR GESTREMDESORG EN REHABILITASIE / CENTRE FOR CARE AND REHABILITATION OF THE DISABLED

Referate nasional/Papers national

1. BAKKES ES. *Community reintegration of clients with incomplete spinal cord lesions – how do we ensure successful outcome?* South African Spinal Cord Association (SASCA), Fourth Biennial Congress. Somerset-Wes, 1999.

Magister afgehandel/Master's completed

1. BAKKES ES. *Cross-sectional analytic survey to determine possible indicators of successful prosthetic rehabilitation in persons with at least one above-knee amputation.* MscGeneeskWet, 1999. 309 pp. Studieleier: Mej JA Hendry.
2. GROENEWALD SJ. *Transtibiale prostetiese gebruik van geselekteerde individue in die Wes-Kaap.* MScGeneeskWet cum laude, 1999. 190 pp. Studieleier: Mej JA Hendry.

Magister lopend/Master's current

1. COETZEE C. *Motoriese ontwikkeling en selfkonsep: 'n Intervensiestudie.* MPhil Studieleier: Mej JA Hendry.
2. FRIEG A. *An investigation into disability profiles, caregiver utilization and needs of disability grant recipients in Kleinmond, Western Cape, South Africa.* MPhil Studieleier: Mej JA Hendry.

TYGERBERG MEDIASENTRUM VIR GESONDHEIDSWETENSKAPPE (TMG) / TYGERBERG MEDIA CENTRE FOR HEALTH SCIENCES

Referate internasional/Papers international

1. HUGO J. *The interaction between visual literacy and sociocultural sensitivity in designing appropriate learning materials.* 5th Research Symposium of International Visual Literacy Association. Eskilstuna, Swede, 1999.
2. HUGO J, DE LANGE RW. *The effect of culturally modified pictures on children's recall of science text.* 5th Research Symposium of International Visual Literacy Association. Eskilstuna, Swede, 1999.

FAKULTEIT BOSBOU

FACULTY OF FORESTRY

BOSKUNDE / FOREST SCIENCE

Tydskrifartikels/Journal articles

1. ELLIS F, VAN LAAR A. Nutrient levels of three *Eucalyptus* species/provenances, measured over four seasons in a trial along the sandy, dry, Cape West Coast of South Africa. *Southern African Forestry Journal* 1999; **184**: 33-40.
2. FALCÃO MP, UYS HJE. The minimum required yield for profitable saw-timber production from *Pinus patula* in the escarpment area of Mpumalanga. *Southern African Forestry Journal* 1999; **185**: 66-70.
3. HAM C, THERON JM. Community forestry and woodlot development in South Africa: The past, present and future. *Southern African Forestry Journal* 1999; **184**: 71-79.
4. KÄTSCH C, VOGT HKH. Remote sensing from space – present and future applications in forestry, nature conservation and landscape management. *Southern African Forestry Journal* 1999; **185**: 14-26.
5. ZWOLINSKI JB, BREDENKAMP BV. Definition of post-planting acclimatization of *Pinus radiata* through relative height growth rate. *Southern African Forestry Journal* 1999; **185**: 8-13.

Referate internasional/Papers international

1. UYS HJE. *Adjusting Faustmann's formula for the South African forestry environment. 150 Years of the Faustmann Formula*. Darmstadt, Duitsland, 1999.

Referate nasionaal/Papers national

1. ELLIS F, VAN LAAR A. *Influence of seasons, soil and relative location to the sea on the mineral nutrient status of three Eucalyptus species/provenances planted along the Cape West Coast*. 22nd Congress of the Soil Science Society of South Africa. Pretoria, 1999.

Magister afgehandel/Master's completed

1. LOUW VG. *Effects of nursery container size and shape on Acacia tortilis and Faidherbia albida seedling development*. MScBosbwet, 1999. 106 pp. Studieleier/medestudieier: Dr JM Theron/prof G van Wyk.
2. LUSEPANI NE. *Reproductive biology and utilisation of Berchemia discolor (Klotzsch) Hemsl (Rhamnaceae)*. MScBosbwet, 1999. 108 pp. Studieleier/medestudieier: Dr C Boucher/dr EM Marais.
3. MUNTHALI CRY. *Seed and seedling variation of Pterocarpus angolensis DC from selected natural populations of Malawi*. MScBosbwet, 1999. 108 pp. Studieleier/ medestudieier: Prof G van Wyk/dr JM Theron.
4. OCHIENG DA. *Effect of Acacia mearnsii mulch on soil moisture and temperature, productivity of Zea mays and certain social aspects*. MScBosb, 1999. 106 pp. Studieleier/medestudieier: Dr PJ Pieterse/dr JM Theron.
5. WAMBUGU EW. *Women's role in Agroforestry: A case study of Embu District, Kenya*. MScBosb, 1999. 142 pp. Studieleier/medestudieleiers: Dr IM Grundy/drs AS Kritzinger, JM Theron.

Doktoraal lopend/Doctoral current

1. ASENGA D. *Nutrient cycling in Acacia and Leucaena farm trees in a semi-arid area*. PhD (Bosb) Promotor/medepromotor: Dr IM Grundy/dr AB Rozanov.
2. MWITWA PJ. *Physiological aspects of regenerating Pterocarpus angolensis*. PhD (Bosb) Promotor/medepromotor: Dr CJ Geldenhuys/prof G van Wyk.
3. RAMACHELA K. *Studies on the propagation and establishment of Uapaca species in Zimbabwe*. PhD (Bosb) Promotor: Dr JM Theron.
4. WALKER D. *Comparative silvopastoral studies in southeastern Botswana*. PhD (Bosb) Promotor: Dr JM Theron.

Magister lopend/Master's current

1. HAMLET AG. *The influence of tree windbreaks on various farm crops in low rainfall areas of the Western Cape of South Africa*. MScBosbwet Studieleier: Dr JM Theron.
2. MEYER D. *Greening of urban environments in South Africa: A comparative analysis of approaches*. MScBosbwet Studieleier: Dr IM Grundy.
3. NEL J. *Generic growth and yield modelling shells in a data-driven environment*. MScBosb Studieleier: Prof BV Bredenkamp.
4. PIERCE BT. *The influence of the environment on the volume growth, stem form and disease tolerance of Eucalyptus grandis clones in the summer rainfall areas of South Africa*. MPhil Studieleier/medestudieier: Prof G van Wyk/dr SD Verryn.

5. TERBLANCE AL. *Factors causing abnormal root development in Pinus patula plantations*. MScBosb Studieleier: Dr JM Theron.
6. VERMAAK JA. *Abnormal wood in Pinus taeda*. MScBosb Studieleier: Prof G van Wyk.
7. VOGT HKH. *An investigation into the feasibility of forest inventory by means of stereo satellite imagery employing digital photogrammetry technology*. MScBosb Studieleier: Prof BV Bredenkamp.

AFDELING BOSINGENIEURSWESE / DIVISION OF FOREST ENGINEERING

Verrigtinge internasional/Proceedings international

1. BRINK MP. *Forestry engineering in South Africa in 2010 – A Scenario Analysis*. Proceedings of the International Conference on Timber Harvesting and Transportation Technologies for Forestry in the New Millennium. Pietermaritzburg, South Africa, 1999: 1-14.
2. GROBBELAAR FR. *Appropriate timber harvesting technology – a southern African perspective*. Proceedings of the International Conference on Timber Harvesting and Transportation Technologies for Forestry in the New Millennium. Pietermaritzburg, South Africa, 1999: 189-196.
3. KELLOGG L. *Forest engineering: Part of the solution for achieving forest management objectives*. Proceedings of the International Conference on Timber Harvesting and Transportation Technologies for Forestry in the New Millennium. Pietermaritzburg, South Africa, 1999: i –xviii.

Referate internasional/Papers international

1. ACKERMAN PA. *Short-haul transport of pulpwood in southern Africa*. SAIF International Transport Conference. Pietermaritzburg, 1999.
2. GROBBELAAR FR. *Appropriate timber harvesting technology – A Southern African Perspective*. Iufro 3.08.00 Small Scale Forestry. International Symposium on Integrating Environmental Values into Small Scale Forestry. Vancouver, Canada, 1998.
3. NICHOLLS S. *Forest Engineering Programme at the University of Stellenbosch*. Proceedings of the International Conference on Timber Harvesting and Transportation Technologies for Forestry in the New Millennium. Pietermaritzburg, South Africa, 1999: 205-206.
4. PULKKI R. *Short-haul or long-haul, . . . is that the question?* SAIF International Transport Conference. Pietermaritzburg, South Africa, 1999.

Boeke/Books

1. GILDENHUYSEN AK, (ed.), ACKERMAN PA, ARCHER AH, JOOSTE JF, PEPLER D, THERON JM. *Guidelines for Technical Writing*. Minute Man Press, 1999. 21 pp.

Navorsingsverslag/Research report

1. PULKKI RE, DUINKER PN. *One thousand years of community forests in the Alps*. Understory: Sustainable Developments from the World of Wood, Spring/Summer 1999; 9(2 & 3): 3 pp.

Doktoraal lopend/Doctoral current

1. BRINK MP. *The position of forest engineering in South Africa in the Year 2010. The development of a model to facilitate changes required to meet the needs in 2010*. PhD Promotor: Prof L Kellogg.

Magister lopend/Master's current

1. ACKERMAN PA. *An investigation into the short-haul transport of pulpwood in South Africa*. MSc Studieleier: Prof R Pulkki.
2. GROBBELAAR FJ. *Appropriate forest technology: A Southern African perspective*. MSc Studieleier: Prof R Pulkki.

HOUTKUNDE / WOOD SCIENCE

Tydskrifartikels/Journal articles

1. KAPP SB, PRICE CS, TURNER P, VERMAAS HF. A feasibility study on the development of an integrated manufacturing planning and control system in the South African sawmill industry. *Southern African Forestry Journal* 1999; (184): 80-87.
2. HAARHOFF J, MOES CJ, CERFF C, VAN WYK WJ, GERISCHER GFR, JANSE BJH. Characterization and biobleaching effect of hemicellulases produced by thermophilic fungi. *Biotechnology Letters* 1999; 21: 415-420.

- YSBRANDY RE, GERISCHER GFR, SANDERSON RD. Preparation of binders from inexpensive by-products for use in high-pressure phenolic laminates. IV. Reactive phenosolvan pitch-lignin and phenosolvan pitch resin-derived products for use in impregnating varnishes and testing of 10-ply paper laminates. *Cellulose Chemistry and Technology* 1998; **32**: 43-60.

Verrigtinge internasional/Proceedings international

- CRAFFORD JG, GERISCHER GFR, YSBRANDY RE. A new, cost-effective approach for utilization of de-inking sludge. 2nd Ecopapertech Conference. Helsinki, Finland, 1998: 233-245.

Referate internasional/Papers international

- BURGER RA, GERISCHER GFR. Einfluß der Spandicke und der Extraktstoffmenge auf den Zellstoffertrag, die Zellstoffqualität und die Geschwindigkeit des Natron AQ Aufschlusses. 5th PTS-Symposium Papierfaserstoff-Technik. Dresden, Duitsland, 1999.

Navorsingsverslae/Research reports

- GERISCHER GFR. *Paper testing for APL Cartons*. APL Cartons (Pty) Ltd, 1999. 3 pp.
- GERISCHER GFR, VAN WYK WJ. *Evaluation of econo-heat panels*. R Davis Developments. 1999. 4 pp.
- VAN WYK WJ, GERISCHER GFR. *The pulping properties of Acacia, Eucalyptus and Pinus species grown in KwaZulu-Natal*. Central Timber Co-operative Ltd, 1999. 5 pp.

Magister afgehandel/Master's completed

- CERFF CB. *Kraft biopulping of Eucalyptus grandis*. MScHoutk, 1999. 105 pp. Studieleier: Prof GFR Gerischer.
- ELOFF A. *Development of a classification system for exterior timber finishes*. MScHoutk, 1999. 278 pp. Studieleier: Dr T Rypstra.

Magister lopend/Master's current

- HOTO A. *Bugweed (*Solanum mauritianum*) a potentially high quality short fibre source for papermaking*. MSc Studieleier: Prof GFR Gerischer.
- MJI N. *Aqueous extraction of wood chips prior to co-culture fungal pretreatment for alkaline biopulping*. MSc Studieleier: Prof GFR Gerischer.
- MOSTERT F. *The reduction in water absorption of sludge/cement composites with various additives*. MSc Studieleier: Prof GFR Gerischer.
- MULLER STEYN M. *Sticky control with image analysis*. MSc Studieleier: Prof GFR Gerischer.
- OTTO P. *Radiata pine saw patterns*. MSc Studieleier: Prof HF Vermaas.
- SCHEEPERS GC. *Enzymatic pitch control in the Kraft pulping and bleaching of Eucalyptus spp.* MSc Studieleier/medestudieeler: Dr B Janse/dr T Rypstra.

NATUURBEWARING / NATURE CONSERVATION

Tydskrifartikels/Journal articles

- ARMSTRONG AJ, VAN HENSBERGEN HJ. Identification of priority regions for animal conservation in afforestable montane grasslands of the northern Eastern Cape Province, South Africa. *Biological Conservation* 1999; **87**: 93-103.
- BURGER BV, NELL AE, SPIES HSC, LE ROUX M, BIGALKE RC, BRAND PAJ. Mammalian exocrine secretions XII: Constituents of interdigital secretions of Bontebok, *Damaliscus dorcas dorcas*, and Blesbok, *D.d.phillipsi*. *Journal of Chemical Ecology* 1999; **25**(9): 2057-2083.
- MILTON SJ, BOND WJ, DU PLESSIS MA, GIBBS D, HILTON-TAYLOR C, LINDER HP, RAITT L, WOOD J, DONALDSON JS. A protocol for plant conservation by translocation in threatened lowland fynbos. *Conservation Biology* 1999; **13**(4): 735-743.
- MILTON SJ, DEAN RJ. Key resources for Kalahari wildlife. *African Wildlife* 1999; **53**(5): 10-12.
- MILTON SJ, DEAN RJ. Why agamas enjoy spring flowers. *Africa – Environment & Wildlife* 1999; **September**: 19.
- MILTON SJ, GASSER S, BORTENSCHLAGER S, DEAN WRJ. Invertebrates and leaf damage on alien *Atriplex lindeyi* Moq. and the indigenous *A. vestita* (Thunb.) Ael. (Chenopodiaceae) in the southern Karoo, South Africa. *African Entomology* 1999; **7**(2): 298-301.

Verrigtinge nasionaal/Proceedings national

- FAIRALL N. *Nature reserve management using satellite imagery and GIS: The Goegap example*. SA Wildlife Management Association Conference. George, 1999: 18.

2. HOFFMAN LC, BIGALKE RC. *Utilizing the ungulates from Southern Africa for meat production: Potential research requirements for the new millennium.* SA Wildlife Management Association Conference. George, 1999: 19.
3. REILLY BK, WHITE IC, VAN HENSBERGEN HJ, EISELEN R, SCORMANN M, RETIEF P. *The Kruger National Park aerial counts: The transition from total survey to sampled survey.* SA Wildlife Management Association Conference. George, 1999: 24.
4. VAN HENSBERGEN HJ. *The use of multi criterion decision making (MCDM) methods in wildlife management.* SA Wildlife Management Association Conference. George, 1999: 26.

Referate internasional/Papers international

1. BIGALKE RC, BOMFORD L, PEPLER D. *Small antelope – hunting resource or disappearing asset on farmland in the Western Cape Province, South Africa.* 24th Congress of the International Union of Game Biologists. Thessaloniki, Greece, 1999.
2. MILTON SJ. *How grazing turns rare seedling recruitment events to non-events in arid environments.* Ecological Problems of Sustainable Land-use in Deserts. Bonn, Germany, 1999.
3. PEPLER D. *The Lesser Kestrel Falco naumanni in Africa – migration, conservation and dangers: A review.* IV Congresso Nacional sobre el Cernicalo Primilla. Madrid, Spain, 1999.
4. PEPLER D, PREUSKER BV, VAN HENSBERGEN HJ. *Hunting birds in paradise: Conflicts and solutions in the SW Cape Province, South Africa.* 24th Congress of the International Union of Game Biologists. Thessaloniki, Greece, 1999.

Referate nasionaal/Papers national

1. MILTON SJ. *The recruitment event that stopped at the fence: seedlings in grazed and protected veld.* Arid Zone Ecology Forum. Vanrhynsdorp, 1999.
2. MILTON SJ, WIEGAND T. *Predicting and detecting events.* International long-term Ecological Research Meetings. Kruger National Park, 1999.

Doktoraal lopend/Doctoral current

1. REILLY B. *Power analysis of helicopter counts of African game.* PhD Promotor: Prof HJ van Hensbergen.
2. WATTS WS. *The effects of forestry policies on the sustainability of forest resources in Southern Africa.* PhD Promotor/medepromotor: Prof W Breytenbach/prof SJ Milton.

Magister lopend/Master's current

1. DU TOIT E. *Certification standards for sustainable game ranching in the Northern Province, South Africa.* MSc Promotor: Prof RC Bigalke.
2. LAUBSCHER SJ. *Determining the age and sex ratio of African antelope.* MSc Promotor: Prof HJ van Hensbergen.
3. PREUSKER BV. *Design criteria for hiking trails in the Stellenbosch mountains.* MSc Promotor: Mnr D Pepler.
4. SOTO SJ. *Environmental-based tourism run by local communities.* MSc Promotor/ medepromotor: Prof SJ Milton/mnr D Pepler.
1. VAN DEN BERCKT T. *An evaluation of Acacia saligna dieback on a Sand Plain Fynbos system.* MSc Promotor/medepromotor: Dr C Boucher/mnr C Ham.

FAKULTEIT KRYGSKUNDE FACULTY OF MILITARY SCIENCE

BEDRYFSIELKUNDE (MIL.) / INDUSTRIAL PSYCHOLOGY (MIL.)

Tydskrifartikels/Journal articles

1. BEUKES JA. Retirement shock: Can it be avoided? *Servamus* 1999; **92**(9): 48-53.
2. KOTZE ME, DUVENHAGE A. An early career in the Military: A developmental-contextual perspective. *Journal of Industrial Psychology* 1999; **25**(2): 28-35.

Verrigtinge internasional/Proceedings international

1. BEUKES JA. *The psychological contract as a dimension of total quality management*. Proceedings of the International Conference on TQM and Human Factors. Linköping, Swede, 1999: 377-379.

Referate internasional/Papers international

1. VAN DYK GAJ. *The evaluation of a psychological preparation programme for international competitors of individual sport types*. IUPsyS Africa Regional/PsySSA Conference. Durban, 1999.

Referate nasionaal/Papers national

1. KOTZE ME. *The Life Role Inventory: Reliability and construct validity for a sample of young professional military officers*. Industrial Psychology Conference. Pretoria, 1999.

Hoofstukke in boeke/Chapters in books

1. VAN DYK GAJ. Psychological trauma: Debriefing as a therapeutic tool in the treatment of victims of political or ethnic violence in Africa. In: Madu SN, Baguma PK, Pritz A, (eds). *Cross-Cultural Dialogue on Psychotherapy in Africa*. UNIN Press, 1999: 69-85.

EKONOMIE (MIL.) / ECONOMICS (MIL.)

Tydskrifartikels/Journal articles

1. DE WET HF. The redistribution of income through education spending in South Africa. *Institute for Futures Research* 1998; **6**(7): 1-4.

Referate nasionaal/Papers national

1. DE WET HF. *Koste-aspekte wat aanleiding gegee het tot sementprysaanpassings voor die ontbinding van die sementkartel in 1996*. EBM-Navorsingskonferensie. Port Elizabeth, 1999.

KRYGSGESKIEDENIS / MILITARY HISTORY

Tydskrifartikels/Journal articles

1. VISSER GE, KAPP PH, KOTZE JS. Die Dekaan van die Militêre Akademie in historiese perspektief. [The Dean of the Military Academy in historical perspective.] *Historia* 1999; **44**(2): 307-327.

Verrigtinge internasional/Proceedings international

1. POTGIETER TD. *At the crossroads of the world: The Cape of Good Hope and the First British Occupation, 1795.* International Congress of Military History: War and the encounters of civilizations from the XVIth Century, aangebied deur die Comissao Portuguesa De Historia Militar. Lissabon, Portugal, 1998: 517-533.
2. POTGIETER TD. *South Africa's naval role in the Mediterranean during the Second World War.* International Conference on the Mediterranean as an element of Maritime Power, aangebied deur die Commissione Italiana Di Storia Militare. Venesië, Italië, 1996: 265-302.

Referate internasional/Papers international

1. ELLIS JE. *Musketry: The Anglo-Boer War experience.* Internasionale konferensie oor die Anglo-Boereoorlog. Bloemfontein, Suid-Afrika, 1999.
2. POTGIETER TD. *Another apartheid dilemma: Corvettes for the South African Navy.* VIII Conference of Africanists: Africa at the Threshold of the New Millennium. Moscow, Russia, 1999.
3. POTGIETER TD. *Nineteenth Century technological development and its influence on the Anglo-Boer War.* Internasionale konferensie oor die Anglo-Boereoorlog. Bloemfontein, Suid-Afrika, 1999.
4. VAN DER WAAG IJ. *Boer versus Brit: The opposing forces, 1899.* Internasionale Konferensie oor die Anglo-Boereoorlog. Hamilton, Nieu-Seeland, 1999.
5. VAN DER WAAG IJ. *'Breaking the dominions of Afrikanerdom': The impact of the 2nd Anglo-Boer War on South African society.* Internasionale Konferensie oor die Anglo-Boereoorlog. Canberra, Australië, 1999.
6. VAN DER WAAG IJ. *South Africa and the Boer military system.* Internasionale Konferensie oor die Anglo-Boereoorlog. Canberra, Australië, 1999.
7. VAN DER WAAG IJ. *War memories, historical consciousness and nationalism: South African history writing and the 2nd Anglo-Boer War, 1899-1999.* Internasionale Konferensie oor die Anglo-Boereoorlog. Wellington, Nieu-Seeland, 1999.
8. VAN DER WAAG IJ. *War potential, military power and the 2nd Anglo-Boer War: A few tentative remarks on the opposing forces, 1899.* Internasionale Konferensie oor die Anglo-Boereoorlog. Bloemfontein, Suid-Afrika, 1999.

MILITÈRE BESTUUR / MILITARY MANAGEMENT

Referate nasional/Papers national

1. STRYDOM G. *Critical success factors for entrepreneurs on the West Coast of South Africa. Research progress.* Kongres van die Suid-Afrikaanse Sosiologiese Vereniging. Saldanha, Militière Akademie, 1999.

MILITÈRE GEOGRAFIE / MILITARY GEOGRAPHY

Referate internasional/Papers international

1. JACOBS JA, DE NECKER PH. *Participatory identification of urban open space uses for eco-development: Driftsands Nature Reserve, Cape Flats.* Derde Internasionale Konferensie van Suid-Afrikaanse Geograwe — Focus Africa: Networking transformation on the millennium continent. Windhoek, Namibië, 1999.

MILITÈRE STRATEGIE / MILITARY STRATEGY

Tydskrifartikels/Journal articles

1. ESTERHUYSE A. Die Russiese Verdedigingsbeleid met spesifieke verwysing na die verdedigingsbeleid van die Russiese Federasie in die post-Koue Oorlog era. *Joernaal vir Eietydse Geskiedenis* 1999; **24**(1): 98-116.
2. VREÝ F. The Contemporary Revolution in Military Affairs: A theoretical perspective on its contribution to solving sub-Saharan Conflicts. *Strategic Review for Southern Africa* 1999; **XXI**(2): 1-22.

Referate nasional/Papers national

1. VREÝ F. *A revolution in military affairs: Some comparative approaches to the contemporary debate.* SASA '99 Conference. Saldanha, 1999.

OPENBARE EN ONTWIKKELINGSBESTUUR (mil.) / PUBLIC AND DEVELOPMENT MANAGEMENT (mil.)

Tydskrifartikels/Journal articles

1. DANIELS PI, UYS FM. 1997 Community Participation in the Saldanha Steel Project: A case study. *Administratio Publica* 1998; **8**(2): 42-67.

Doktoraal lopend/Doctoral current

1. JANSEN VAN RENSBURG JL. *Aspekte van organisasie – Kultuur in die SANW*. PhD Promotor: Dr JJ Müller.

POLITIEKE WETENSKAP (MIL.) / POLITICAL SCIENCE (MIL.)

Referate nasionaal/Papers national

1. BAILEY HA. *African Renaissance and the Risk Society: Outright contradiction or workable synergy*. South African Sociology Association Conference. Saldanha, 1999.
2. BAILEY HA. *China's new/neo dissidents: A case study of Islam in China*. South African Political Studies Association. Saldanha, 1999.
3. BAILEY HA, COETZEE RW. *Taking political science teaching into the next millennium: A case for computer-based learning*. South African Political Studies Conference. Saldanha, 1999.

Magister lopend/Master's current

1. KHWELA GC. *The emerging arms suppliers: Revamping arms transfer policies to meet the challenges of the new international political economic order*. MMil Studieleiers: mnre HA Bailey, F Vrey.

WISKUNDE (MIL.) / MATHEMATICS (MIL.)

Referate nasionaal/Papers national

1. BEZUIDENHOUT JGH. *Limits and continuity: Some conceptions of first-year students*. Proceedings of the Fifth National Congress of the Association for Mathematics Education of South Africa. Port Elizabeth, 1999: 25-38.

SENTRUM VIR MILITÊRE STUDIE / CENTRE FOR MILITARY STUDIES

Tydskrifartikels/Journal articles

1. HEINECKEN LPT. Inequality and diversity: SANDF Officers' attitudes towards integration, affirmative action, gender and language. *Scientia Militaria* 1998; **28**(2): 220-235.
2. HEINECKEN LPT. Regional involvement: Attitudes of SANDF officers towards future military missions. *Strategic Review for Southern Africa* 1999; **21**(1): 44-65.
3. KHANYILE MB. Transatlantic relations in the Southern Cone: A common security agenda. *Scientia Militaria* 1998; **28**(2): 265-273.
4. MATTHEE H. State collapse or new politics? The conflict in Zaire 1996-1997. *Strategic Review for Southern Africa* 1999; **21**(1): 88-104.
5. MATTHEE H. The context and dynamics of the war in Congo-Kinshasa since August 1998. *Scientia Militaria* 1998; **28**(2): 252-264.
6. NEETHLING TG. Exercise Blue Crane: Forward with peacekeeping in Southern Africa? *ISSUP Bulletin* 1999; **5**: 1-11.
7. NEETHLING TG. Die gebeure in Kosovo – van betekenis vir 'n veiliger Afrika? *Woord & Daad/Word & Action* 1999; **Spring**: 23-25.
8. NEETHLING TG. Globalism, global governance and the promotion of security: Reflections on Southern Africa. *Scientia Militaria* 1998; **28**(2): 274-288.
9. NEETHLING TG. Maintaining international peace and security: Reflections on peace-support operations in Africa. *Scientia Militaria* 1998; **28**(1): 111-137.
10. NEETHLING TG. Military intervention in Lesotho: Perspectives on Operation Boeas and beyond. *Online Journal of Peace and Conflict Resolution* 1999; **Issue 2.2**: 1-11.
11. NEETHLING TG. Peacekeeping in Africa: Reflections on developments and trends. *Koers* 1999; **64**(4): 465-488.
12. NEETHLING TG. Reflections on scientific research on the eve of the 21st century. *SANDF Bulletin for Educational Technology* 1999; **January-June**: 32-38.
13. NEETHLING TG. Suid-Afrika en vredesteunoperasies: Perspektiewe op uitgangspunte en oorwegings. *Journal for Contemporary History* 1999; **24**(1): 15-35.

Referate internasionaal/Papers international

1. HEINECKEN LPT. *Managing diversity in an unequal society: The challenges facing the SANDF*. Congress of the Inter-University Seminar of the Armed Forces (IUS). Baltimore, 1999.

2. HEINECKEN LPT. *Placing military unionisation in theoretical context: A perspective on the management of labour relations within armed forces*. Congress of the Inter-University Seminar of the Armed Forces (IUS). Baltimore, 1999.
3. HEINECKEN LPT, FRANKE V. *Military identity and international security: A comparison of professional military socialization in the United States and South Africa*. Congress of the Inter-University Seminar of the Armed Forces (IUS). Baltimore, 1999.
4. NEETHLING TG. *Conditions for successful entry and exit: An analysis with specific reference to SADC allied operations in Lesotho*. Second International Workshop: "Towards a Global Consensus on Peace Support Operations: The African Dimension", presented by the Institute for Security Studies (Pretoria) and the Institute for International Relations (Prague). Pretoria, South Africa, 1999.

Referate nasional/Papers national

1. DU PLESSIS L. *The complexity of African security: A preliminary perspective*. Congress of the South African Political Studies Association. South African Military Academy, Saldanha, 1999.
2. DU PLESSIS L. *The multidimensional struggle for security: A glimpse of sub-Saharan Africa*. Congress of the South African Sociological Association. South African Military Academy, Saldanha, 1999.
3. HAEFELE BW. *Urban terrorism in the Western Cape, with special reference to the possible involvement of religious fundamentalism*. Congress of the South African Sociological Association. South African Military Academy, Saldanha, 1999.
4. HAEFELE BW. *Violent attacks on farmers in South Africa: Is there a hidden agenda or sinister force behind it?* Crimsa International Congress, Cintsa. East London, 1999.
5. HEINECKEN LPT. *Securing our future: Putting women in the frontline*. Congress of the South African Sociological Association. South African Military Academy, Saldanha, 1999.
6. HEINECKEN LPT. *The silent right: Homosexuality and the military*. Congress of the South African Political Studies Association. South African Military Academy, Saldanha, 1999.
7. KHANYILE MB. *Military and economic security: Challenges for the South African Armed Forces*. Congress of the South African Sociological Association. South African Military Academy, Saldanha, 1999.
8. MATTHEE H. *Insurgent groups and computer warfare*. Congress of the South African Political Studies Association. South African Military Academy, Saldanha, 1999.
9. MATTHEE H. *Organized crime groups and computer crime*. Congress of the South African Sociological Association. South African Military Academy, Saldanha, 1999.
10. NEETHLING TG. *Intervention in Lesotho: Reflections on the SANDF's participation in Operation Boeas*. Congress of the South African Political Studies Association. South African Military Academy, Saldanha, 1999.
11. NEETHLING TG. *Towards joint ventures: The use of UN observer missions in Africa*. Joint Conference by the Institute for Security Studies and the South African Institute for International Affairs, "From Peacekeeping to Complex Emergencies? Peace Support Missions in Africa". University of the Witwatersrand, Johannesburg, 1999.

Boeke/Books

1. DU PLESSIS L, HOUGH M, (eds). *Protecting Sub-Saharan Africa: The Military Challenge*. HSRC Publishers, 1999. 278 pp.

Hoofstukke in boeke/Chapters in books

1. DU PLESSIS L. The challenge of effective sub-Saharan maritime defence. In: Du Plessis L, Hough M, (eds). *Protecting Sub-Saharan Africa: The Military Challenge*. HSRC Publishers, 1999: 143-181.
2. DU PLESSIS L. The changing historical roles of sub-Saharan armed forces. In: Du Plessis L, Hough M, (eds). *Protecting Sub-Saharan Africa: The Military Challenge*. HSRC Publishers, 1999: 57-91.
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4. DU PLESSIS L. Prospects for sub-Saharan armed forces in the twenty-first century. In: Du Plessis L, Hough M, (eds). *Protecting Sub-Saharan Africa: The Military Challenge*. HSRC Publishers, 1999: 257-278.
5. HEINECKEN LPT, CILLIERS J. South Africa: Emerging from a time warp. In: Moskos C, Williams JA, Segal DR, (eds). *The Postmodern Military*. Oxford University Press, London, 1999: 242-264.
6. HEINECKEN LPT. Managing diversity in an unequal society: The challenges facing the SANDF. In: Soeters J, Van der Meulen J, (eds). *Managing Diversity in Armed Forces: Experience From Nine Countries*. Tilburg University Press, Tilburg, The Netherlands, 1999: 187-210.
7. MATTHEE H. Information operations in sub-Saharan Africa. In Bosch J, Luijff H, Mollema A, (eds). *Information Operations: Netherlands Annual Review of Military Studies 1999*. Tilburg University Press, Tilburg, The Netherlands, 1999: 245-258.
8. NEETHLING TG. Participation in sub-Saharan peace support operations. In: Du Plessis L, Hough M, (eds). *Protecting Sub-Saharan Africa: The Military Challenge*. HSRC Publishers, 1999: 183-220.
9. NEETHLING TG. Towards joint ventures: Use of UN observer missions in Africa. In: Cilliers J, Mills G, (eds). *From Peacekeeping to Complex Emergencies: Peace Support Missions in Africa*. SA Institute of International Affairs and Institute for Security Studies, 1999: 27-44.

FAKULTEIT TANDHEELKUNDE FACULTY OF DENTISTRY

GEMEENSKAPSTANDHEELKUNDE (WAARBY INGESLUIT DIE AFDELING MONDGESONDHEID) / COMMUNITY DENTISTRY (INCLUDING THE DIVISION OF ORAL HYGIENE)

Tydskrifartikels/Journal articles

1. BHAMJEE Y, CLEATON-JONES PE, CHIKTE UME. Assessment of Periodontal status and treatment needs of a disabled population using the CPITN. *South African Dental Journal* 1999; **54**(9): 413-417.
2. CHIKTE UME, BRAND AA. Attitudes to Water Fluoridation in South Africa 1998 – Part 1 Analysis by age, sex, population and province. *South African Dental Journal* 1999; **54**(11): 537-543.
3. CHIKTE UME, JOSIE-PEREZ AM. Industrial Dental Erosion: A cross-sectional comparative study. *South African Dental Journal* 1999; **54**(11): 531-536.
4. JOOSTE PL, WEIGHT MJ, KRIEK JA, LOUW AJ. Endemic goitre in the absence of iodine deficiency in schoolchildren of the Northern Cape Province of South Africa. *European Journal of Clinical Nutrition* 1999; **53**: 8-12.
5. MICKENAUTCSH S, RUDOLPH MJ, OGUNBODEDE EO, CHIKTE UME. Oral health among Liberian Refugees in Ghana. *East African Medical Journal* 1999; **76**(4): 206-211.
6. NAIDOO S, CHIKTE UME. HIV/AIDS – the evolving pandemic and its impact on oral health in sub-Saharan Africa. *South African Dental Journal* 1999; **54**(12): 616-630.

Verrigtinge internasional/Proceedings international

7. BRAND AA, CHIKTE UME. An analysis of pro and anti fluoridation attitudes in South Africa. *Journal of Dental Research* 1999; **78**(5): 1163.
8. CHIKTE UME, BRAND AA. Attitudes to water fluoridation in South African. *Journal of Dental Research* 1999; **78**(5): 1163.
9. CHIKTE UME, BRAND AA, LOUW AJ. Influence of educational level on perceptions of water fluoridation. *Journal of Dental Research* 1999; **78**(5): 1163.
10. CHIKTE UME, SARVAN I. Water Fluoridation in South Africa - analysis by income and occupation. *Journal of Dental Research* 1999; **78**(5): 1163.

Doktoraal lopend/Doctoral current

1. LOUW AJ. *Bioavailability of fluoride*. PhD Promotor: Prof S Grobler.

Magister lopend/Master's current

1. AYO-YUSUF I. *The role of schoolteachers in oral health promotion*. MscTandheelk Wet Promotor: Prof UME Chikte.
2. BAILEY S. *Job satisfaction of Dentists in the public sector*. MScTandheelkWet Promotor: Prof UME Chikte.

HERSTELLENDE TANDHEELKUNDE / RESTORATIVE DENTISTRY

Referate nasional/Papers national

1. LOUW NP, BEGG T, PAMEIJER CH. *Testing the new fibre-reinforced resin posts under simulated occlusal forces*. XXXIII Wetenskaplike Kongres van die Internasionale Vereniging vir Tandheelkundige Navorsing (Suid-Afrikaanse Afdeling). Muldersdrif, 1999.

Magister lopend/Master's current

1. ACKERMANN WD. *Lasers in Dentistry*. MScTandheelkWet Studieleier: Prof NP Louw.
2. BEGG T. *An in vitro evaluation of tooth-coloured endodontic posts with special reference to their resistance against tensile and lateral forces in the mouth*. MscTandheelk Wet Studieleier: Prof NP Louw.

3. COETZEE J *Comparison of microleakage and antibacterial effect with or without using titanium-Fluoride as a final rinsing solution in the preparation of root canals.* MscTandheelkWet Studieleier: Prof NP Louw.
4. HASSAN F. *In vivo evaluation of the antibacterial activities of different combinations of chlorhexidine, sodium hypochlorite and Iodine potassium Iodide as intracanal irrigants and medicaments.* MScTandheelkWet Studieleier: Prof NP Louw.
5. SAAYMAN CM. *An in vitro study of the microleakage of a compomer (polyacid modified resin composite) bonded to enamel and dentine with different bonding systems and the effect of saliva contamination thereof.* MScTandheelkWet Studieleier: Prof SR Grobler.
6. SIDLEY C. *Prevalance of Tinnitus and hearing loss in South African Dentists and an investigation into possible connections with noise levels and frequencies.* MscTand-heelkWet Studieleier: Prof NP Louw.

KAAK-, GESIG- EN MONDCHIRURGIE (WAARBY INGESLUIT DIE AFDELING MAKSILLOFASIALE ANESTESIOLOGIE) MAXILLO-FACIAL AND ORAL SURGERY (INCLUDING THE DIVISION OF MAXILLO-FACIAL ANESTHESIOLOGY)

Tydskrifartikels/Journal articles

1. ROELOFSE JA, PAYNE KA. Oral tramadol: Analgesic efficacy in children following multiple dental extractions. *European Journal of Anaesthesiology* 1999; **16**: 441-447.
2. VAN DER WESTHUIZEN AJ, VAN DER MERWE J, GROTEPASS FW. Eagle's syndrome: Lesser Cornu amputation: An alternative surgical solution? *International Journal of Oral and Maxillofacial Surgery* 1999; **28**: 335-337.

Referate internasional/Papers international

1. PENKLER L, WHITTAKER D, WORTHINGTON M, REYNEKE-BARNARD C, MALAN J, ROELOFSE JA. *Intranasal Midazolam: Pre-formulation, formulation and pilot clinical experience.* Congress of the American Association of Pharmaceutical Scientists. New Orleans, USA, 1999.
2. ROELOFSE JA. *Paediatric day case surgery: The ideal regimen.* Simposium van Grunenthal. Aachen, Duitsland, 1999.
3. ROELOFSE JA. *Paediatric outpatient anaesthesia / sedation – the ideal regimen.* 42th International Symposium of the Society for the Advancement of Anaesthesia in Dentistry. London, England, 1999.
4. ROELOFSE JA, PAYNE KA. *Oral Tramadol: Analgesic efficacy in children following multiple dental extractions.* 7th International Congress of the European Society of Anaesthesiology. Amsterdam Holland, 1999.

Referate nasionaal/Papers national

1. BEREZOWSKI BM, BEUKES R. *A maxillary swelling with unusual pathological result.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.
2. ERASMUS J, VAN DER WESTHUIZEN AJ. *Features of the bacteraemia associated with surgical intervention in advanced dentofacial sepsis.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.
3. MORKEL JA, GROTEPASS FW. *The use of mini-plates in the surgical closure of palatal fistulas.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.
4. MORKEL JA, VAN R ZEEMAN BJ. *Le Fort III midface advancement for the improvement of upper airway obstruction in paediatric craniofacial syndrome patients.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.
5. RICHTER FC. *Rubber bullet injury to the face.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.
6. VAN DER WESTHUIZEN AJ, BECKER PJ, ROELOFSE JA. *Comparison of Tecrol bilateral facial ice pack therapy with no ice therapy following third molar surgery.* Annual Congress of the South African Society of Maxillo-Facial & Oral Surgeons. Gordon's Bay, 1999.

Magister afgehandel/Master's completed

1. ERASMUS J. *Features of the bacteraemia associated with surgical intervention in advanced dentofacial sepsis.* MChD cum alude, 1999. 298 pp. Studieleier: Dr AJ van der Westhuizen.
2. THEOLOGIDES M. *A double-blind, randomised, placebo-controlled study to evaluate the efficacy and safety of Tramal drops/Midazolam and placebo/Midazolam for anxiety and post extraction pain in children undergoing dental extractions under general anaesthesia.* MScTandheelkWet, 1999. 144 pp. Studieleier: Prof JA Roelofse.

Doktoraal lopend/Doctoral current

1. SWART LC. *Non-hospital based conscious sedation for oral surgical procedures under local anaesthesia*. PhD Promotor: Prof JA Roelofse.

Magister lopend/Master's current

1. DE LA HARPE C. *Intranasal sufentanil/midazolam and ketamine/midazolam for relief of anxiety and postoperative pain in children*. MScTandheelkWet Studieleier: Prof JA Roelofse.

MAKSILLFASIALE RADIOLOGIE / MAXILLO-FACIAL RADIOLOGY

Referate nasionaal/Papers national

1. NORTJÉ CJ. *Radiological signs of serious disease affecting the maxillofacial region*. Die 33ste Kongres van die SA Afdeling van die Internasionale Vereniging vir Tandheelkundige Navorsing. Glenburn Lodge, Johannesburg, 1999.

Doktoraal afgehandel/Doctoral completed

1. NORTJÉ CJ. *Radiology of the maxillofacial region: A retrospective appraisal*. DSc (Universiteit van Pretoria), 1999, 482 pp. Promotor: Prof AJ Lighelm.

Doktoraal lopend/Doctoral current

1. ABREU MJNA. *Tuned aperture computed tomography: An investigation about factors associated with its image quality*. PhD Promotor: Prof CJ Nortjé.
2. JANSE VAN RENSBURG LJ. *The application of advanced imaging techniques to the diagnosis and management of lesions of the jaws*. PhD Promotor: Prof CJ Nortjé.

MONDBIOLOGIE / ORAL BIOLOGY

Tydskrifartikels/Journal articles

1. GROBLER SR, ROSSOUW RJ, KOTZE TJvW. *In vitro*, relative microleakage of five restorative systems. *International Dental Journal* 1999; **49**: 47-52.
2. ROSSOUW RJ, GROBLER SR, PHILLIPS VM, KOTZE TJvW. The effects of extreme temperatures on composite, compomer and ionomer restorations. *The Journal of Forensic Odonto-Stomatology* 1999; **17**(1): 1-4.

MONDGENEESKUNDE EN PERIODONSIE / ORAL MEDICINE AND PERIODONTICS

Tydskrifartikels/Journal articles

1. BOTHA PJ. An erupted compound odontoma. *Journal of the South African Dental Association* 1999; **54**(4): 153.
2. BOTHA PJ. Oral lipid protensis. *Journal of the South African Dental Association* 1999; **54**(8): 371-373.
3. BOTHA PJ, GLUCKMAN HL. The gingival prosthesis – a literature review. *Journal of the South African Dental Association* 1999; **54**(7): 288-290.
4. BOTHA PJ, KRUGER H. A case of oral syphilis. *Journal of the South African Dental Association* 1999; **54**(3): 134-135.

MONDPATOLOGIE / ORAL PATHOLOGY

Tydskrifartikels/Journal articles

1. ROSSOUW RJ, GROBLER SR, PHILLIPS VM, KOTZE TJvW. The effects of extreme temperatures on composite, compomer and ionomer restorations. *The Journal of Forensic Odonto-Stomatology* 1999; **17**(1): 1-4.
2. THEUNISSEN FS, PHILLIPS VM. The microbiological change in subgingival flora during orthodontic treatment. *Medical Technology* 1999; **12**(1): 249-251.

Doktoraal lopend/Doctoral current

1. THOMPSON IOC. *The establishment of a nonkeratinized experimental cyst and its evaluation as biotest system.* PhD Promotor: Prof CW van Wyk.

ORTODONSIE / ORTHODONTICS

Referate nasionaal/Papers national

1. JOHANNES KC, JOSEPH VP, HARRIS AMP, QUICK AN. *A soft tissue thickness assessment of different population groups in the Western Cape.* 43rd Academic Year Day of the Faculties of Medicine and Dentistry, University of Stellenbosch. Tygerberg, 1999.
2. REID RA, JOSEPH VP, HARRIS AMP. *Comparison of different finishing techniques following orthodontic bracket removal.* 43rd Academic Year Day of the Faculties of Medicine and Dentistry, University of Stellenbosch. Tygerberg, 1999.

Magister afgehandel/Master's completed

1. JOHANNES KC. *A soft tissue thickness assessment of three different population groups in the Western Cape.* MChD, 1999. 87 pp. Studieleier/medestudieleiers: Prof AMP Harris/drs VP Joseph, AN Quick.
2. REID RA. *Comparison of different finishing techniques following orthodontic bracket removal.* MChD, 1999. 22 pp. Studieleier/medestudieleiers: Prof AMP Harris/drs VP Joseph, RJ Rossouw.
3. WISEMAN MP. *Fluoride boosting of orthodontic bonding cements: An in vitro study.* MChD, 1999. 60 pp. Studieleier/medestudieleier: Prof AMP Harris/dr VP Joseph.

Doktoraal lopend/Doctoral current

1. HARRIS AMP. *Assessment of tooth movement in the maxilla during nonextraction and premolar extraction treatment using digital recording of orthodontic model surface contour.* PhD Promotor: Dr RE Wood.

TANDHEELKUNDIGE PROSTETIEK / DENTAL PROSTHETICS

Referate nasionaal/Papers national

1. GEERTS GAVM. *Gelingualiseerde okklusie by volledige kunsgebitte.* Tandheelkundige Opknappingskursus. Tygerberg, 1999.
2. PATEL NM. *Removable partial dentures.* Tandheelkundige Opknappingskursus. Tygerberg, 1999.

NAVORSINGSINSTITUUT VIR MOND- EN TANDHEELKUNDE / ORAL AND DENTAL RESEARCH INSTITUTE

Tydskrifartikels/Journal articles

1. BASSON NJ, BESTER L, VAN DER BIJL P. External bacterial contamination of local anaesthetic cartridges. *South African Dental Journal* 1999; **54**: 253-256.
2. GIAMALIA I, STEINBERG D, GROBLER S, GEDALIA I. The effect of propolis exposure on microhardness of human enamel *in vitro.* *Journal of Oral Rehabilitation* 1999; **26**: 472-474.
3. GROBLER SR, HAUMAN T, BASSON NJ, KOTZE TJvW. Antimicrobial properties of components of the restorative Aelitebond on oral bacteria. *South African Dental Journal* 1999; **54**: 7-10.
4. GROBLER SR, ROSSOUW RJ, KOTZE TJvW. *In vitro*, relative microléakage of five restorative systems. *International Dental Journal* 1999; **49**: 47-52.
5. ROSSOUW RJ, GROBLER SR, PHILLIPS VM, KOTZE TJvW. The effects of extreme temperatures on composite, compomer and ionomer restorations. *The Journal of Forensic Odonto-Stomatology* 1999; **17**(1): 1-4.
6. SAPOV K, GEDALIA I, GROBLER S, LEWINSTEIN I, ROMAN I, SHAPIRA L, HIRSCHFELD Z, TEOTIA S. A laboratory assessment of enamel hypoplasia of teeth with varying severities of dental fluorosis. *Journal of Oral Rehabilitation* 1999; **26**: 672-677.
7. VAN DER BIJL P. The impact of research upon dentistry. *South African Dental Journal* 1999; **54**(12): 579-580.
8. VAN DER BIJL P, VAN EYK AD. Penetration of benzo[a]pyrene through human buccal and vaginal mucosa. *Journal of Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology and Endodontics* 1998; **87**(4): 452-455.

- ZAIN RB, IKEDA N, GUPTA PC, WARNAKULASURIYA S, VAN WYK CW, SHRESTHA P, AXÉLL T. Oral mucosal lesions associated with betel quid, areca nut and tobacco chewing habits: Consensus from a workshop held in Kuala Lumpur, Malaysia, 1996. *Journal of Oral Pathology & Medicine* 1999; **28**: 1-4.

Verrigtinge internasional/Proceedings international

- VAN DER BIJL P, VAN EYK AD. *Permeation of Benzo(a)pyrene through Human vaginal and Buccal Mucosa*. *Journal of Dental Research* 1999; **78**(SI): 210.
- YANG CY, MENG CL, SHEN KL, VAN DER BIJL P, LEE HK. Regulation of PG Synthase by BNE on Oral Carcinoma Cells. *Journal of Dental Research* 1999; **78**(SI): 450.

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- VAN DER BIJL P, VAN EYK AD. *Scintillation Cocktails for use with a Mucosal Perfusion System*. *Journal of Dental Research* 1999; **78**(5): 1165.
- VAN DER BIJL P, VAN EYK AD, CILLIERS J, STANDER IA. Diffusion of water across human skin in the presence of two barrier creams. *Dermatology in the Spring* 1999; **Programme/Abstract Book**: 41.
- VAN EYK AD, VAN DER BIJL P. *Vaginal Mucosa and a Synthetic Membrane for Calibrating Perfusion Equipment*. *Journal of Dental Research* 1999; **78**(5): 1165.
- VAN WYK CW, TOOGOOD S, SCHOLTZ L, STANDER I. *A Profile and Perceptions of South African Oral Hygienists*. *Journal of Dental Research* 1999; **78**(5): 1162.

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- DE BLOIS AMR. *Permeability of vaginal mucosa at normal and elevated temperatures*. 33ste Wetenskaplike Kongres van die IVTN se Suid-Afrikaanse Afdeling. Muldersdrift, Gauteng, 1999.
- OLIVIER A, PROF VAN WYK CW. *Are pulp fibroblasts a model for testing biocompatibility?* 33ste Wetenskaplike Kongres van die IVTN se Suid-Afrikaanse Afdeling. Muldersdrift, Gauteng, 1999.

Doktoraal afgehandel/Doctoral completed

- BASSON NJ. *The role of competition for glucose amongst oral species in the maintenance of Candida albicans homeostasis in a mixed microbial habitat*. PhD, 1999. 192 pp. Promotor: Prof CW van Wyk.

Magister afgehandel/Master's completed

- MOODLEY D. *A shear bond strength, microleakage and laser microscopic study of two dental compomers*. MSc, 1999. 90 pp. Studieleier: Prof SR Grobler.

Doktoraal lopend/Doctoral current

- CHIKTE UME. *The effect of wine on tooth erosion*. PhD Promotor: Prof SR Grobler.
- LOUW AJ. *Analise van fluoried in die dieet en biobesikbaarheid daarvan*. PhD Promotor: Prof SR Grobler.
- OBERHOLZER TG. *Volumetriese veranderinge tydens polimerisasie van tandheelkundige komposiere, en die effek daarvan op hul binding aan tandstrukture*. PhD Promotor: Prof SR Grobler.
- THOMPSON IOC. *The establishment of a nonkeratinised human experimental cyst and its evaluation as a biotest model*. PhD Promotor: Prof CW van Wyk.

Magister lopend/Master's current

- ALBERTS T. *A laboratory study of a melogenesis imperfecta enamel*. MscTandheelk Wet Studieleier: Prof SR Grobler.
- HASSAN F. *In vivo evaluation of the antibacterial activities of chlorhexidine, calcium hydroxide and iodine potassium iodide as intracanal medicaments*. MSc Studieleier: Dr NJ Basson.
- SAAYMAN S. *An in vitro study of the microleakage of a compomer bonded to enamel and dentine with different bonding systems and the effect of saliva contamination thereof*. MSc Studieleier: Prof SR Grobler.

ALGEMEEN GENERAL

AKADEMIESE ONTWIKKELINGSPROGRAMME / ACADEMIC DEVELOPMENT PROGRAMMES

Tydskrifartikels/Research articles

1. SCHOEMAN A. Mercury and Metatheatre II: The *Argumentum* in Plautus' *Amphitruo*. *Akroterion* 1999; **44**: 38-55.

AKADEMIESE STEUNDIENSTE / ACADEMIC SUPPORT SERVICES

Tydskrifartikels/Research articles

1. BOTHA HL, CILLIERS CD. Preparedness for university study: Designing a thinking skills test. *South African Journal of Higher Education* 1999; **13**(1): 144-152.

Verrigte internasional/Proceedings international

1. TROSKIE-DE BRUIN C. *Developing responsible, self-regulating learners*. 24th International Conference on Improving University Learning and Teaching. Brisbane, Australia, 1999: 245-250.
2. TROSKIE-DE BRUIN C. *How much diversity can effectively be accommodated by academic development programmes?* HERDSA Annual International Conference. Melbourne, Australia, 1999: 1-16.
Internet: <http://www.herdsa.org.au/vic/cornerstones/troskie>

SENTRUM VIR STUDENTEVOORLIGTING (SSV) / CENTRE FOR STUDENT COUNSELLING

Tydskrifartikels/Journal articles

1. BOSHOFF SC, VAN DER MERWE AP, KOTZÉ HF, VAN ROOYEN JW. Marital or relationship stressors and parent's worries about children in the community of Kayamandi, Stellenbosch. *Social Work* 1998; **34**(4): 406-411.
2. NORTJE C, VAN DER WESTHUIZEN LR, MÖLLER AT, OELLERMAN BA. Expertise and performance on the emotional Stroop task. *Perceptual and Motor Skills* 1999; **88**(3): 1361-1362.

Referate internasional/Papers international

1. LOUW AD. *Student counsellors: Enhancing or suppressing the African Renaissance?* 19de Jaarlikse Kongres van die Vereniging vir Studentevoorligers in Suider-Afrika. Gaberone, Botswana, 1999.
2. SCHEEPERS D. *The development of a mentoring system for medical students: Utilizing the peer group counselling programme to create a foundation*. Africa Psychology Congress. Durban, South Africa, 1999.

Referate nasionaal/Papers national

1. SCHEEPERS D. *A mentoring system for medical students: Utilizing the peer group counselling programme*. 2nd National Peer Help Practitioners Conference. Port Elizabeth, 1999.

UNIVERSITEITS ONDERWYS / UNIVERSITY EDUCATION

Tydskrifartikels/Journal articles

1. BODENSTEIN RH. Language teaching in the light of neurological evidence. *SAALT Journal for Language Teaching* 1998; **32**(4): 273-290.
2. BODENSTEIN RH. Overcoming learning barriers in the suggestopedia language learning environment. *Acta Germanica* 1997; **25**: 83-98.

3. DE KADT E, BODENSTEIN RH. Learning and teaching foreign languages in tertiary institutions in South Africa. Part 2: The successful language learner: Learner profiles and success. *SAALT Journal for Language Teaching* 1999; **33**(3): 221-236.
4. HUGO J, SMIT M. Making media messages more suitable for health education in the African context. *Journal of Audiovisual Media in Medicine* 1998; **21**(3): 87-94.

Referate internasional/Papers international

1. BODENSTEIN RH. *What makes an "ideal" lecturer?* 11th International Conference on Assessing Quality in Higher Education. Manchester, Great Britain, 1999.
2. VAN DER MERWE AD. *WebCT in South Africa: From Ancient Studies to Mechanical Engineering.* 1st Annual WebCT Conference on Learning Technologies. Vancouver, Canada, 1999.

Referate nasionaal/Papers national

1. BODENSTEIN RH. *Fremdsprachenunterricht im Lichte neuro-biologischer Befunde.* 19th Conference of the "Germanistenverband im Südlichen Afrika" (SAGV). Cape Town, 1999.