



**UNIVERSITEIT VAN STELLENBOSCH  
UNIVERSITY OF STELLENBOSCH**

# NAVORSINGSVERSLAG RESEARCH REPORT

## 2000

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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, sake-ondernemings, 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, waarsonder 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 gemoed 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

Augustus 2001

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## 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, focused 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 programme 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 the 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

August 2001

## GIDS TOT KATEGORIEË GEBRUIK / GUIDE TO CATEGORIES USED

Die Navorsingsverslag word gestruktureer 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 verskrek; '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, navorsingsbriewe 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 internasionale 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 internasionale 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. **Kreatiewe werke/Creative work**
11. **Doktoraal afgehandel/Doctoral completed:**  
 Doktorale projekte (afgehandel)  
 Doctoral projects (completed)

- 
12. **Magister afgehandel/Master's completed:**
    - Magisterthesis (afgehandel)
    - Master's theses (completed)
  13. **Doktoraal lopend/Doctoral current:**
    - Doktorale projekte aan die gang
    - Doctoral projects (current)
  14. **Magister lopend/Master's current:**
    - Magisterprojekte aan die gang
    - Master's projects (current)

Promotor: Promoter

Medepromotor: Co-promoter

Studieleier: Supervisor

Medestudieleier: Co-supervisor

**FAKULTEIT LETTERE  
EN WYSBEGEERTE**

**FACULTY OF ARTS**

<b>AFRIKAANS EN NEDERLANDS / AFRIKAANS AND DUTCH</b>
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**Tydskrifartikels/Journal articles**

1. BRITZ EC. "Waar hebben wij het aan verdiend?" 'n Beskouing van vier gedigte van Gerard Reve. *Tydskrif vir Nederlands en Afrikaans* 2000; **7**(1): 3-31.
2. DU TOIT PA. Vertellershouding, afgelei van die taal en styl van die teks: Hennie Aucamp se *Vir vier stemme*. *Journal of Literary Studies/Tydskrif vir Literatuurwetenskappe* 1999; **15**: 459-481.
3. GOUWS RH. Doeltaalgerigtheid teenoor lemmagerigtheid in vertalende woordeboeke. *Tydskrif vir Geesteswetenskappe* 2000; **40**(1): 39-47.
4. HUIGEN S. Bataafse koloniale politiek en reisverslagen over Zuid-Afrika. *Nederlandse Letterkunde* 2000; **5**(3): 236-251.
5. HUIGEN S. Wildheid en beschaving bij Peter Blum. *Tydskrif vir Nederlands en Afrikaans* 2000; **7**(1): 76-86.
6. NYANGONE A, MAVOUNGOU PA. Lexicography in Gabon: a survey. *Lexikos* 2000; **10**: 252-274.
7. PRINSLOO DJ, GOUWS RH. The use of examples in polyfunctional dictionaries. *Lexikos* 2000; **10**: 138-156.
8. ROBINSON R. Metapoësie as digterlike leesstrategie: *Journal of Literary Studies/Tydskrif vir Literatuurwetenskappe* 1999; **15**: 482-509.
9. SMUTS JP. Die einde van die millennium. *Stilet* 2000; **12**(1): 1-26.
10. VAN ZYL DP. Afstand en vereenselwiging: perspektiewe op die veranderende betekenis van boer en Boer in die Afrikaanse poësie. *Literator* 2000; **21**(3): 1-22.
11. WASSERMAN H. Terug na die plaas – postkoloniale herskrywing in Etienne van Heerden se *Die Stoetmeester*. *Tydskrif vir Nederlands en Afrikaans* 2000; **7**(1): 29-55.

**Verrigtinge internasionaal/Proceedings international**

1. GOUWS RH. *Strategies in equivalent discrimination*. Proceedings of the Ninth International Symposium on Lexicography. Copenhagen, Sweden, 1998: 99-111.
2. GOUWS RH, MARTIN W. *A new dictionary model for closely related languages: the Dutch-Afrikaans dictionary project as a case in point*. Proceedings of the Ninth Euralex International Congress. Stuttgart, Germany, 2000: 783-792.

**Referate internasionaal/Papers international**

1. DE STADLER LG. *Intercultural communication in post-apartheid South Africa: the case of the insurance sector*. International Conference of the Association for Business Communication (European Convention). Antwerp, Belgium, 2000.
2. FEINAUER AE. *Language contact between Afrikaans and English leads to conceptual change in Afrikaans*. Third International Maastricht-Lódz Duo Colloquium on Translation and Meaning. Maastricht, The Netherlands, 2000.
3. GOUWS RH. *Employing an amalgamated macrostructure in bilingual dictionaries*. Fifth International Conference on Lexicography of the African Association for Lexicography. Stellenbosch, South Africa, 2000.
4. VAN DER MERWE GS. *Afrikaanse neologismes as weerspieëling van die uiteenlopende tendense van globalisering en eie kulturele mobilisering*. Eerste Europese Werkswinkel – Afrikaans extra muros. Leipzig, Duitsland, 2000.
5. VAN DER MERWE GS. *De lexicale creativiteit van het Afrikaans en het Nederlands*. Veertiende Colloquium Neerlandicum. Leuven, België, 2000.
6. VAN DER MERWE GS. *The Dutch lexicological heritage of South Africa in the 21st century*. Interdisciplinary Conference on Netherlandic Studies. Berkeley, California, USA, 2000.
7. VAN DER MERWE GS. *Die hantering van idiomatiese taalgebruik by vertaling*. Die Eerste Internasionale Linguistiekonferensie in Suider-Afrika. Kaapstad, Suid-Afrika, 2000.

8. VAN NIEKERK M. *The angel of transience versus the symmetry of revenge. Constructions of time in recent South African fiction with reference to JM Coetzee and Karel Schoeman*. Sixteenth Congress of the International Comparative Literature Association. Pretoria, South Africa, 2000.
9. VILJOEN L. *The contestation and renegotiation of gendered space in Afrikaans women's poetry*. Sixteenth Congress of the International Comparative Literature Association. Pretoria, South Africa, 2000.

### Referate nasionaal/Papers national

1. GOUWS RH. *Enhancing the accessibility of multilingual terminology sources*. Werkswinkel van die Departement Kuns, Kultuur en Wetenskap van die Noordelike Provinsie. Pietersburg, 2000.
2. GOUWS RH. *Die leksikografiese bedeling in Suid-Afrika teen 1994*. Die Pan-Suid-Afrikaanse Taalraad se Werkswinkel oor Leksikografie en Terminologie-ontwikkeling. Bronkhorstpruit, 2000.
3. GOUWS RH. *Stand van die sekondêre leksikografiese proses*. Die Pan-Suid-Afrikaanse Taalraad se Werkswinkel oor Leksikografie en Terminologie-ontwikkeling. Bronkhorstpruit, 2000.
4. VAN NIEKERK M. *Historiese tyd en transhistoriese bewegings met spesifieke verwysing na "Disgrace" van JM Coetzee en "Verkenning" van Karel Schoeman*. Negende Tweejaarlikse Kongres van die Afrikaanse Letterkundevereniging. Johannesburg, 2000.
5. VILJOEN L. *"Die ongeagte meisiekind, die ongetroude vrou, die oujongnooitante": die konstruksie van identiteit in Karel Schoeman se roman "Hierdie lewe"*. Negende Tweejaarlikse Kongres van die Afrikaanse Letterkundevereniging. Johannesburg, 2000.

### Boeke/Books

1. GOUWS RH. *Fokus op leksikografie*. Content Solutions Online, 2000. 262 pp.

### Hoofstukke in boeke/Chapters in books

1. GOUWS RH. *Toward the formulation of a metalexigraphic founded model for National Lexicography Units in South Africa*. In: Wiegand HE, (red.). *Wörterbücher in der Diskussion IV*. Max Niemeyer, 2000: 109-133.
2. VILJOEN L. *On space and identity in Antjie Krog's Country of my skull*. In: De Geest Dirk, et al., (eds). *Under construction. Links for the site of literary theory. Essays in honour of Hendrik van Gorp*. Leuven University Press, 2000: 39-61.

### Doktoraal afgehandel/Doctoral completed

1. WASSERMAN H. *Postkoloniale kulturele identiteit in Afrikaanse kortverhale na 1994*. DLitt, 2000. 330 pp. Promotor: Prof L Viljoen.

### Magister afgehandel/Master's completed

1. JORDAAN M. *Die representasie van slaafskap in "Die Kremetartekspedisie" deur Wilma Stockenström: die voorstelling van die onvoorstelbare*. MA, 2000. 107 pp. Studieleier: Dr S Huigen.
2. KEMP CT. *Deur die sleutelgat. 'n Ondersoek na die voyeuristiese elemente in die poësie van Johann de Lange*. MA, 2000. 126 pp. Studieleier: Me PH Foster.
3. RUST WJ. *Limietberge. Die fiksionalisering van die kleingeskiedenis van enkele vrouefigure van Wellington*. MA, 2000. 301 pp. Studieleier/medestudieleier: Me PH Foster/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 vrouedigters 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 diskoers 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 religieuse 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. VAN DER MERWE R. *Die konstruksie van die vroulike subjek in die oeuvres van enkele Afrikaanse vrouedigters sedert 1970*. DLitt Promotor: Prof L Viljoen.
10. VISAGIE A. *Manlike subjektiwiteit in die Afrikaanse prosa sedert die jare tagtig*. DLitt Promotor: Prof L Viljoen.
11. VOSLOO J. *Die manifestering van humor in tekste deur geselekteerde Afrikaanse kortverhaalskrywers*. DLitt Promotor: Dr DP van Zyl.
12. 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. BEUKES D. *Die resepsie van Elisabeth Eybers se poësie*. MA Studieleier: Prof L Viljoen.
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 vroueskrywers*. MA Studieleier: Prof L Viljoen.
5. CONRADIE R. *Die representasie van Suid-Afrika in die letterkunde van Nederlandse immigrante met spesifieke verwysing na Henk van Woerden en Emma Huismans*. MA Studieleier: Prof L Viljoen.
6. DUNN P. *Historiese representasie in negentiende-eeuse Nederlandstalige historiese geskiedwerke oor Suid-Afrika*. MA Studieleier: Dr S Huigen.
7. ESTERHUIZEN I. *Die uitbeelding van die vrou in die moderne Afrikaanse plaasroman, met spesifieke verwysing na Eben Venter se "Foxtrot van die vleisetters"*. MA Studieleier: Prof L Viljoen.
8. FRYER C. *Aspekte van die ontstaansgeskiedenis van Elsa Joubert se "Die reise van Isobelle"*. MA Studieleier: Prof L Viljoen.
9. GOUS PF. *Die Afrikaanse vertaling van Harry Potter (Dele I-IV): 'n kritiese ondersoek*. MA Studieleier: Dr AE Feinauer.
10. GROBLER L. *Representasie in twee reisverhale van Elsa Joubert*. MA Studieleier: Dr S Huigen.
11. 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.
12. JORDAAN NJ. *PJ Schoeman as antropoloog en romanskrywer met spesifieke verwysing na sy Boesmanverhale*. MA Studieleier: Dr S Huigen.
13. MOKONE NS. *Macrostructural and microstructural strategies to enhance the reference quality of Thanodi Ya Setswana*. MPhil Studieleier: Prof RH Gouws.
14. MPAHLELE MC. *A model to achieve communicative equivalence in translation dictionaries*. MPhil Studieleier: Prof RH Gouws.
15. MULLER A. *Divergensie as ekwivalentverhouding: 'n vergelykende studie tussen Tweetalige Woordeboek/Bilingual Dictionary en Groot Woordeboek/Major Dictionary*. MA Studieleier: Prof RH Gouws.

16. RHEEDER AOI. *Die stripverhaal as sekwensiekuns, met spesifieke verwysing na TO Honiball en Bitterkomix*. MA Studieleier: Dr DP van Zyl.
17. SCHOEMAN R. *'n Vergelyking tussen 'n Nederlandse postkoloniale teks en "Foxtrot van die vleisetters" deur Eben Venter*. MA Studieleier: Dr DP van Zyl.
18. STARK M. *Die toegangstruktuur in Afrikaanse verklarende woordeboeke*. MA Studieleier: Prof RH Gouws.
19. VICTOR M. *Die funksie van verskillende soorte landskappe in Lettie Viljoen se roman "Landskap met vrou en slang"*. MA Studieleier: Prof L Viljoen.

**AFRIKATALE**  
**(waarby ingesluit die Navorsingseenheid vir**  
**Eksperimentele Fonologie (NEFUS)) /**  
**AFRICAN LANGUAGES**  
**(including the Research Unit for Experimental Phonology)**

### **Tydskrifartikels/Journal articles**

1. ZULU NS. Temporal aspects in Chaka. *South African Journal of African Languages* 2000; 20(1): 29-49.

### **Verrigtinge internasionaal/Proceedings international**

1. ROUX JC, DU PREEZ JA, BOTHA EC. *Developing a multilingual telephone-based information retrieval system in African languages*. Proceedings of the Second International Conference on Language Resources and Evaluation. Athene, Griekeland, 2000: 975-980.
2. ROUX JC, LOUW PH, BOTHA EC. *Synthesizing prosody for commands in a Xhosa TTS system*. Proceedings of the 6th International Conference on Spoken Language Processing (ICSLP 2000). Beijing, China, 2000; 3: 263-266.
3. ROUX JC, SWART PH. *Black South African English (BSAE) and speech technology applications*. International Conference on Linguistics in South Africa, Workshop on Black South African English. Universiteit van Kaapstad, Suid-Afrika, 2000: 46-51.

### **Verrigtinge nasionaal/Proceedings national**

1. ROUX JC, LOUW PH, BOTHA EC. *Synthesizing prosody for commands in a Xhosa TTS system*. Proceedings of the 11th Annual Symposium of the Pattern Recognition Association of South Africa (PRASA). Universiteit van die Witwatersrand. Johannesburg, 2000: 7-10.

### **Referate internasionaal/Papers international**

1. JADEZWENI MW. *Stickplay among amaXhosa boys*. Kongres van die Suid-Afrikaanse Vereniging van Volkskunde. Harrismith, Suid-Afrika, 2000.
2. MAVELA X. *The importance of culturally-based language pedagogy in second language acquisition*. Kongres van Toegepaste Taalstudie en Dienste. Kaapstad, Suid-Afrika, 2000.
3. RALARALA KM. *Inherited intercultural dimensions: the judicial official's dilemma in a rural setting*. Kongres van Toegepaste Taalstudie en Dienste. Kaapstad, Suid-Afrika, 2000.
4. ROUX JC. *Zulu tonology and its relationship to other Nguni languages: the empirical status of tonal data – A reply to Kisseberth and Cassimjee*. 2nd International Symposium on Cross Linguistic Studies of Tonal Phenomena. Tokio, Japan, 2000.
5. ROUX JC, MASALESA J. *Language and speech technology planning in South Africa*. Interim International Conference of the African Language Association of Southern Africa (ALASA). Gaborone, Botswana, 2000.
6. ZULU NS. *The enforcement and appreciation of manhood in Zulu proverbs*. Kongres van die Suid-Afrikaanse Vereniging van Volkskunde. Harrismith, Suid-Afrika, 2000.

### Referate nasionaal/Papers national

1. DLALI M. *The pragmatics of greetings in Xhosa*. Kongres van die Afrikatale Vereniging van Suider-Afrika. Stellenbosch, 2000.
2. MAVELA X. *Integrating the issues of culture in language teaching*. Kongres van die Nasionale Vereniging vir Uitnemendheid in Onderwysopleiding. Potchefstroom, 2000.
3. RALARALA KM. *Inherited intercultural dimensions: the judicial official's dilemma in a rural setting*. Kongres van die Nasionale Vereniging vir Uitnemendheid in Onderwysopleiding. Potchefstroom, 2000.
4. ROUX JC. *Language and Speech Technology development in South Africa*. 2nd National Language Indaba, Department of Arts, Culture, Science and Technology. Durban, 2000.
5. VISSER MW. *Inverse thematic role assignment in Xhosa locative applicative constructions*. Kongres van die Afrikatale Vereniging van Suider-Afrika. Bellville, 2000.
6. ZULU NS. *Teaching L2 Xhosa literature*. Interim Kongres van die Afrikatale Vereniging van Suider-Afrika. Gaborone, 2000.

### Magister afgehandel/Master's completed

1. DLEPU SE. *The consumer advice article in Xhosa as Genre-text*. MA, 2000. 186 pp. Studieleier: Prof MW Visser.
2. JOBELA MT. *Negative constructions in isiXhosa*. MA, 2000. 168 pp. Studieleier: Prof JA du Plessis.
3. KGOE MOS. *Verbs of sending and carrying in Setswana*. MA, 2000. 141 pp. Studieleier: Prof JA du Plessis.
4. MAZWI NR. *Complexity accuracy and fluency in task-based instruction for Xhosa second language at tertiary level*. MA, 2000. 181 pp. Studieleier: Prof MW Visser.
5. MPHASHA LE. *Adjectives in Northern Sotho*. MA, 2000. 219 pp. Studieleier: Prof JA du Plessis.
6. MULUNGWA TT. *Semantic features of human beings in Tshivenda*. MA, 2000. 231 pp. Studieleier: Prof JA du Plessis.
7. MUTHEIWANA H-D. *The adjective in Tshivenda*. MA, 2000. 160 pp. Studieleier: Prof JA du Plessis.
8. SWART PH. *Prosodic features of imperatives in Xhosa: implications for a text-to-speech system*. MA, 2000. 151 pp. Studieleier: Prof JC Roux.

### 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. JONES CJJ. *Xhosa intonational structures: an acoustic-perceptual investigation*. DLitt Promotor: Prof JC Roux.
5. LEDWABA LT. *The semantics of nominals in Sepedi*. DLitt Promotor: Prof JA du Plessis.
6. MALETE AN. *Negation in Sesotho*. DLitt Promotor: Prof JA du Plessis.
7. MATAMELA TA. *A syntactic and semantic analysis of the idiom in Tshivenda*. DLitt Promotor: Prof JA du Plessis.
8. MAVUMENGWANA NG. *Deverbatives in Xhosa*. DLitt Promotor: Prof JA du Plessis.
9. MDEKAZI JN. *A framework for testing communicative language ability in Xhosa at Grade 12 level*. DLitt Promotor: Prof MW Visser.
10. MOEKETSI SM. *Space and character in Sesotho literature*. DLitt Promotor: Prof NS Zulu.
11. MOHATLANE EJ. *Tragedy in selected Sesotho novels*. DLitt Promotor: Prof NS Zulu.
12. MOJAPELO ML. *Definiteness in Northern Sotho*. DLitt Promotor: Prof JA du Plessis.
13. MOTSEI AS. *The expression of aspect in Sesotho*. DLitt Promotor: Prof JA du Plessis.
14. NAIDOO S. *Aspects of Zulu phonology: an application of Feature Geometry Theory*. DLitt Promotor: Prof JC Roux.
15. NEKHUMBE NE. *Nominal inflectional categories of Tshivenda*. DLitt Promotor: Prof JA du Plessis.

16. NETSHISAULU NC. *Polysemy in Tshivenda*. DLitt Promotor: Prof JA du Plessis.
17. NXUMALO NE. *The deficient verb in Xitsonga*. DLitt Promotor: Prof JA du Plessis.
18. SATYO PN. *Women in Xhosa drama: dramatic and cultural perspectives*. DLitt Promotor: Prof JA du Plessis.
19. SITHOLE NV. *Event structure in Zulu*. DLitt Promotor: Prof JA du Plessis.
20. THELEDI KMA. *Descriptive nominal modifiers in Setswana*. DLitt Promotor: Prof JA du Plessis.
21. TSHITHUKHE AS. *Lexical semantics and causation in Tshivenda*. DLitt Promotor: Prof JA du Plessis.

### **Magister Iopend/Master's current**

1. ADONIS N. *A pragmatic analysis of complimenting in Xhosa*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
2. BOTTOMAN N. *The category adjective in Xhosa: a semantic and morphosyntactic analysis*. MA Studieleier: Prof JA du Plessis.
3. CATA TZ. *Cultural conflict in four Xhosa novels*. MA Studieleier: Prof NS Zulu.
4. DLAMINI NG. *A task-based approach to course design for isiZulu second language*. MA Studieleier: Prof MW Visser.
5. DLOMO LCT. *A genre-theoretic analysis of newspaper editorials in Zulu*. MA Studieleier: Prof MW Visser.
6. DUDUMASHE PPN. *Current affairs articles in isiXhosa as personal perspective texts*. MA Studieleier: Prof MW Visser.
7. KATHEKISO JM. *The generic structure of personal perspective texts in Sesotho*. MA Studieleier: Prof MW Visser.
8. KGASAGO KP. *Palatalization in Northern Sotho: a linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
9. MABULWANA S. *A semantic analysis of relational nouns in Xitsonga*. MA Studieleier: Prof MW Visser.
10. MABUNDA CS. *Semantic and syntactic properties of emotion verb constructions in Xitsonga*. MA Studieleier: Prof JA du Plessis.
11. MADI SE. *Characterization in four modern Zulu novels*. MA Studieleier: Prof NS Zulu.
12. MADIGOE MW. *Syllable structure processes in Northern Sotho*. MA Studieleier: Prof JC Roux.
13. MAEPA MC. *Nasal strengthening in Northern Sotho: a linear phonological analysis*. MA Studieleier: Prof JC Roux.
14. MAKHADO AJ. *A pragmatic analysis of apologies in Tshivenda educational contexts*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
15. MAKHAVHU MT. *The semantics and discourse of relational nouns in Tshivenda*. MA Studieleier: Prof JA du Plessis.
16. MALINGA BB. *A semantic and syntactic analysis of break and bend verbs in Zulu*. MA Studieleier: Prof JA du Plessis.
17. MALUNGANI ET. *A semantic and syntactic analysis of break and bend verbs in Xitsonga*. MA Studieleier: Prof MW Visser.
18. MALUNGANI MM. *A pragmatic analysis of complaints in Xitsonga*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
19. MANGWEGAPE BK. *The speech act of apology in Setswana*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
20. MANJIYA MP. *A pragmatic analysis of complaints in Xhosa*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
21. MASALESA RJ. *Acoustic and perceptual qualities of vowels in Northern Sotho*. MA Studieleier: Prof JC Roux.
22. MATLOGA EM. *The semantics of address forms in Tshivenda*. MA Studieleier: Prof JA du Plessis.
23. MAVELA EX. *A genre-theoretic analysis of the human rights text in Xhosa*. MA Studieleier: Prof MW Visser.

24. MBAMBO M. *The socio-cultural aspects of the poems of three Xhosa chiefs*. MA Studieleier: Prof NS Zulu.
25. MDEMKA XL. *A pragmatic analysis of apologies in Xhosa*. MA Studieleier/medestudieleier: Mnr M Dlali/prof JA du Plessis.
26. MDWAYI V. *Palatalization in Xhosa: a linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
27. MLANGENI KC. *A semantic and syntactic analysis of emotion verb constructions in Sesotho*. MA Studieleier: Prof JA du Plessis.
28. MUKWEVHO M. *The syntax and semantics of break and bend verbs in Tshivenda*. MA Studieleier: Prof JA du Plessis.
29. MUNYAI NR. *A genre-analysis of factual texts in Tshivenda*. MA Studieleier: Prof MW Visser.
30. MUTHIGE AG. *The possessive in Venda*. MA Studieleier: Prof JA du Plessis.
31. NEMAKHAVHANI PD. *Palatalization and labialization in Tshivenda: a linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
32. NESENGANI RT. *The speech act of complimenting in Tshivenda*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
33. NGOZO KN. *Lexical semantic properties of motion verbs in Sesotho*. MA Studieleier: Prof MW Visser.
34. NTSHALINTSHALI DS. *A genre analysis of the newspaper text on political viewpoint in isiZulu*. MA Studieleier: Prof MW Visser.
35. PHINDANE PA. *Break and bend verbs in Sesotho*. MA Studieleier: Prof JA du Plessis.
36. RADZADZI MA. *Nasal strengthening in Tshivenda: A linear and non-linear phonological analysis*. MA Studieleier: Prof JC Roux.
37. RALARALA KM. *The speech act of complimenting and gender-related language in Xhosa*. MA Studieleier: Prof JA du Plessis.
38. SHEZI VA. *The speech act of complimenting in Zulu*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
39. SHOBA FM. *The representation of tone in Nguni dictionaries*. MA Studieleier: Prof JC Roux.
40. SIAGA HT. *A semantic and syntactic analysis of count nouns and mass nouns in Tshivenda*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
41. SIBADELA MJ. *A pragmatic analysis of greetings in Tshivenda*. MA Studieleier: Prof JA du Plessis.
42. SIBULA PM. *Imixholo yentlalo nopolitiko kwisihobe sikaShasha*. MA Studieleier: Prof NS Zulu.
43. SIJILA ME. *A lexical semantic analysis of deverbal nominals denoting in isiXhosa*. MA Studieleier: Prof MW Visser.
44. SIKHWARI MG. *A pragmatic analysis of gratitude expressions in Tshivenda*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
45. SOMBHANE MP. *The speech act of apology in Xitsonga*. MA Studieleier/medestudieleier: Dr M Dlali/prof JA du Plessis.
46. VENTER EC. *Task-based course design for isiXhosa Second Language in Government settings*. MA Studieleier: Prof MW Visser.

## ALGEMENE TAALWETENSKAP / GENERAL LINGUISTICS

### Tydskrifartikels/Journal articles

1. AARONS D, MORGAN R. The interaction of classifiers and syntax in South African sign language. *SPIL* 33 2000: 1-20.
2. BOTHA RP. Discussing the evolution of the assorted beasts called *language*. *Language & Communication* 2000; 20(2): 149-160.

3. BOTHA RP. How much of language, if any, came about in the same sort of way as the brooding chamber in snails? *SPIL* 33 2000: 21-47.
4. KEMP M-A. Omission and doubling of the temporal auxiliary 'het' in the Afrikaans of an agrammatic aphasic. *SPIL* 33 2000: 49-66.
5. OOSTHUIZEN J. Prepositions left and right in Afrikaans. *SPIL* 33 2000: 67-90.

### Referate internasionaal/Papers international

1. AARONS D. *Non-manual marking in South African sign language: evidence for a uniform syntactic analysis*. First International Linguistics Society of South Africa Conference. Cape Town, South Africa, 2000.
2. AARONS D, GLASER M. *Deaf adults who want to read and write*. International Congress on Education of the Deaf. Sydney, Australia, 2000.
3. AARONS D, MORGAN R. *Polymorphemic classifier constructions and their effect on sign language syntax*. International Classifier Workshop, The Salk Institute. San Diego, California, 2000.
4. AARONS D, MORGAN R, MORGANS H. *Non-manual marking in South African sign language*. Seventh International Conference on Theoretical Issues in Sign Language Research. Amsterdam, Netherlands, 2000.
5. BOTHA RP. *Is it still scandalous to theorise about the origin of human language?* 1st International Conference of Linguistics in Southern Africa. Cape Town, South Africa, 2000.
6. BOTHA RP. *On the role of bridge theories in accounts of the evolution of language*. 3rd International Conference on the Evolution of Language. Paris, France, 2000.

### Doktoraal lepend/Doctoral current

1. KEMP M-A. *The impairment of specific syntactic functional categories in Xhosa and Afrikaans speaking Broca's aphasics*. PhD Promotor: Prof RP Botha.

## ANTIEKE STUDIE / ANCIENT STUDIES

### Tydskrifartikels/Journal articles

1. COOK J. Lexical matters in LXX Proverbs. *Journal of Northwest Semitic Languages* 2000; **26**(2): 163-173.
2. COOK J. Textual problems in the Septuagint version of Proverbs. *Journal of Northwest Semitic Languages* 2000; **26**(1): 171-179.
3. CORNELIUS I, VENTER PJ. "(Cyber)space ... the final frontier ...": the future of Ancient Studies in the digital world. *Journal of Northwest Semitic Languages* 2000; **26**(1): 153-169.
4. KEEL O. Powerful symbols of victory – the parts stay the same, the actors change. *Journal of Northwest Semitic Languages* 1999; **25**(2): 205-240.
5. KRUGER PA. A cognitive interpretation of the emotion of anger in the Hebrew Bible. *Journal of Northwest Semitic Languages* 2000; **26**(1): 181-193.
6. KRUGER PA. The obscure combination *hacm dbk* in Isaiah 30:27: another description for anger? *Journal of Northwest Semitic Languages* 2000; **26**(2): 155-162.
7. KRUGER PA. Sosiologiese en antropologiese insigte en die studie van die Hebreeuse Bybel: 'n bestekopname. [Sociological and anthropological insights and the study of the Hebrew Bible: a review]. *Hervormde Teologiese Studies* 2000; **56**(1): 137-173.
8. MITTMANN S. Tobia, Sanballat und die Persische Provinz Juda. *Journal of Northwest Semitic Languages* 2000; **26**(2): 1-49.
9. SCHNEIDER M. ΣΑΡΔΑΝΑΠΙΑΛ(Λ)ΟΣ / Sardanal(l)us: gleanings from ancient Assyria in Cicero. *Acta Classica* 2000; **43**: 119-127.
10. SELTZER AL. Jonah in the belly of the great fish: the birth of Messiah Ben Joseph. *Journal of Northwest Semitic Languages* 1999; **25**(2): 187-203.

11. THOM S. The individual and society: an organising principle in Horace's Epodes? *Akroterion* 2000; **45**: 37-51.
12. VAN BEEK P. Een vergeten Kaaps meisje: de vrouwschryver Petronella Camijn en haar vergeten zusters in Zuid Afrika. *Neerlandica Extra Muros* 2000; **38**(2): 6-20.
13. VAN BEEK P. Maria (Murray) Neethling (1831-1912): een vergeten vrouwschryver uit Zuid-Afrika. *Tydskrif vir Nederlands en Afrikaans* 2000; **7**(1): 85-105.
14. VAN DER MERWE CHJ. Bible commentaries as hypertext. *Old Testament Essays* 2000; **13**(1): 119-128.
15. VAN DER MERWE CHJ. The elusive Biblical Hebrew term *yhyw* a perspective in terms of its syntax, semantics, and pragmatics in 1 Samuel. *Hebrew Studies* 1999; **40**: 83-114.
16. VAN STEKELENBURG AV. Whistling in antiquity. *Akroterion* 2000; **45**: 65-75.
17. WENDLAND ER. Contextualising the potentates, principalities and powers in the Epistle to the Ephesians. *Neotestamentica* 1999; **33**(1): 199-223.
18. WENDLAND ER. A form-functional text-comparative method of translation, teaching and checking. *Notes on Translation* 2000; **14**(1): 7-27.
19. WENDLAND ER. "Stand fast in the true grace of God!" A study of 1 Peter. *Journal for Translation and Textlinguistics* 2000; **13**: 25-102.
20. WENDLAND ER, HACHIBAMBA S. A Central African perspective on contextualizing the Ephesian potentates, principalities and powers. *Missiology* 2000; **28**(3): 341-363.
21. ZIETSMAN JC. Vicious dogs: a case study from 2000 BC to 2000 AD. *Akroterion* 2000; **45**: 76-88.

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1. COOK J. *A computerised exegetical commentary on LXX Proverbs*. Association Internationale Bible et Informatique 6. Stellenbosch, South Africa, 2000.
2. COOK J. *On Lexical Matters in LXX Proverbs*. Symposium on Lexicography of the Septuagint. Leiden, Holland, 2000.
3. COOK J. *The Septuagint of Proverbs - a Palestinian writing?* International Organization for Septuagint and Cognate Studies (IOSCS). Nashville, Tennessee, USA, 2000.
4. CORNELIUS I. *Egyptianising motifs in South African architecture and literature*. Encounters with Ancient Egypt. London, UK, 2000.
5. CORNELIUS I, VENTER PJ, BOTHMA T. *Multimedia and the Bible*. Association Internationale Bible et Informatique 6. Stellenbosch, South Africa, 2000.
6. TALSTRA E, VAN DER MERWE CHJ. *Analysis, retrieval and the demand for more Data. Integrating the results of formal textlinguistic and a cognitive based pragmatic approach to the analysis of Deut 4:1-40*. Association Internationale Bible et Informatique 6. Stellenbosch, South Africa, 2000.
7. THOM JC. *"Cleanthes" Hymn to Zeus: prayer or credo?* Society of Biblical Literature. Nashville, Tennessee, USA, 2000.
8. THOM S. *Horace rewriting Horace*. PacRim Roman Literature Conference. University of Tasmania, Hobart, Australia, 2000.
9. VAN BEEK P. *Anna Maria van Schurman (1607-1678) als voorbeeld toen en nu*. Stichting Studie Nadere Reformatie. Veenendaal, Nederland, 2000.
10. VAN BEEK P. *'Lusfisque foeminas ad Rempublicam Litterariam esse adscribi': Anna Maria van Schurman and her Women's Republic of letters*. International Association for Neo-Latin Studies. University of Cambridge, London, UK, 2000.
11. VAN DER MERWE CHJ. *The computer as tutor and tool for acquiring a competency to translate Biblical Hebrew texts*. Association Internationale Bible et Informatique 6. Stellenbosch, South Africa, 2000.
12. VAN DER MERWE CHJ. *Hypertext technology: a new paradigm for commentary writing*. Society of Biblical Literature. Nashville, USA, 2000.
13. WENDLAND ER. *Artistry and its assessment in relation to acceptability in scripture translation - with special reference to aurality in four Chichewa renditions of Psalm 23*. Research models in translation studies, University of Manchester Institute of Science & Technology. Manchester, UK, 2000.

14. WENDLAND ER. *How a literary-rhetorical approach affects the theory and practice of Bible translation: with special reference to the Bantu languages*. Bantu Translation Initiative Symposium, Summer Institute of Linguistics. Ruiru, Kenya, 2000.
15. WENDLAND ER. *Preparing notes for a study Bible in Chichewa - the example of Luke*. Chichewa Study Bible Workshop, Bible Society of Malawi. Lilongwe, Malawi, 2000.
16. WENDLAND ER. *Towards an 'Oratorical' Bible translation in a Bantu language: with special reference to Ezekiel's oracle of the 'dry bones' in Chichewa*. World Congress on Religion, SBL International, United Bible Societies, Panel on Bible Translation. Cape Town, South Africa, 2000.
17. WENDLAND ER. *Translating the literature of the scriptures: how a literary-rhetorical approach affects the theory and practice of Bible translation: with special reference to translator training programmes*. Triennial Translation Workshop, United Bible Societies. Malaga, Spain, 2000.
18. WENDLAND ER. *Translating Lutheran literature into vernacular languages of the world*. Literature Workshop, United Lutheran Church of India. Guntur, India, 2000.

### Referate nasionaal/Papers national

1. COOK J. *The Septuagint version of Proverbs – a Palestinian Jewish Hellenistic writing*. OTWSA/SAVSEM Kongres. Pretoria, 2000.
2. CORNELIUS I, VENTER PJ. *The Ancient Near East and popular culture*. Southern African Society for Semitics. Pretoria, 2000.
3. THOM JC. *"The mind is its own place": defining the topos*. New Testament Society of South Africa. Vaal Dam, 2000.
4. VAN BEEK P. *Vroeë Afrikaanse vroueskrywers en digters in die Paarl*. Streekkongres Afrikaanse Kultuurgeskiedenis. Paarl, 2000.
5. WENDLAND ER. *What does a Bible translation consultant do? The practice of Bible translation consultation*. Translation Symposium, Word for the World. Pretoria, 2000.

### Boeke/Books

1. ADAIR JR. *An inductive method for reconstructing the Biblical Text. Illustrated by an analysis of 1 Samuel 3*. Dept of Ancient Studies, US, 2000. 380 pp + vii pp.
2. DEIST FE. *The material culture of the Bible. An introduction*. Sheffield Academic Press, 2000. 350 pp.
1. EGGLEER J. *Influences and traditions underlying the vision of Daniel 7:2-14. The research history from the end of the 19<sup>th</sup> century to the present*. Vandenhoeck & Ruprecht, 2000. 156 pp + viii pp.
2. KLINGBEIL M. *Yahweh fighting from heaven God as Warrior and as God of Heaven in the Hebrew Psalter and ancient Near Eastern iconography*. Vandenhoeck & Ruprecht, 1999. 374 pp + xii pp.
3. STIPP H-J. *Jeremia, der Tempel und die Aristokratie. Die patrizische (schafanidische) Redaktion des Jeremiabuches*. Hartmut Spenner, 2000. 93 pp.
4. WENDLAND ER. *Preaching that grabs the heart. A rhetorical-stylistic study of the Chichewa revival sermons of Shadrack Wame*. Christian Literature Association in Malawi, 2000. 308 pp.

### Hoofstukke in boeke/Chapters in books

1. THOM JC. Goldene Regel II: Neues Testament. In: Betz HD, et al., (eds). *Religion in Geschichte und Gegenwart, 4<sup>th</sup> edition*. Mohr-Siebeck, 2000; **3**: 1077.
2. THOM JC. Stoicism. In: Evans CA, Porter S, (eds). *Dictionary of New Testament Background*. InterVarsity Press, 2000: 1139-1142.

### Doktoraal afgehandel/Doctoral completed

1. PAYLE KD. *Final sentences in Biblical Hebrew prose*. DLitt, 2000. 234 pp. Promotor: Dr CHJ van der Merwe.



2. ROGERS J. *Is wisdom a mediatrix in Sirach? A study of the Wisdom poems*. DLitt, 2000. 242 pp. Promotor: Prof J Cook.
3. SCHNEIDER M. *Cicero 'haruspex vicissitudinum mutationisque rei publicae': a study of Cicero's merit as a political analyst*. DLitt, 2000. 177 pp. Promotor: Prof J-M Claassen.
4. SMITH KG. *Bible translation and relevance theory: the translation of Titus*. DLitt, 2000. 260 pp. Promotor/medepromotor: Prof JC Thom/dr CHJ van der Merwe.

### **Magister afgehandel/Master's completed**

1. BASSON A. *Die voorstelling van Jahwe as kryger in 'n seleksie Bybels-Hebreeuse Psalms*. MA, 2000. 112 pp. Studieleier: Prof PA Kruger.
2. RAY CC. *Understanding the ancient Egyptians: an examination of living creature hieroglyphs*. MA, 2000. 187 pp. Studieleier: Prof I Cornelius.

### **Doktoraal lopend/Doctoral current**

1. BOEKE JduP. *The poet as moralist: gnomic wisdom in Pindar*. DLitt Promotor: Prof JC Thom.
2. CHALICE LB. *Job 38:1-42:11 and 11QTg Job: a comparative study*. DLitt Promotor: Prof J Cook.
3. COETZEE AJ. *Urbanisation in Iron Age II Moab*. DPhil Promotor: Prof I Cornelius.
4. DALE LH. *The religious significance of the themes of animals and plants in early Zoroastrianism*. DPhil Promotor: Prof J Cook.
5. EVANS A. *The connection between Jewish, Hellenistic and Egyptian (Coptic) views on the functioning of angels between c.250 BCE and c.250 CE*. DPhil Promotor/ medepromotor: Prof J Cook/prof JC Thom.
6. GERBER MH. *The role of the Hasidim in the build-up to the Maccabaeen wars*. DPhil Promotor: Prof J Cook.
7. GWALA M. *The reception of Gen 1-3 in Nguni culture*. DLitt Promotor: Prof I Cornelius.
8. KOTZÉ A. *The poetics of Augustine's 'Confessions'*. DLitt Promotor: Prof JC Thom.
9. KOTZE Z. *Emosies en emosionele ekspressie in die Hebreeuse Bybel. [The expression of emotions in the Hebrew Bible]*. DPhil Promotor: Prof PA Kruger.
10. KRITZINGER EM. *Die apokaliptiese oorlog tussen goed en kwaad in Zoroastriese-, Qumran- en vroeg-Christelike geskrifte*. DPhil Promotor: Prof J Cook.
11. 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.
12. VAN STEENBERGEN GJ. *Incongruent world views in Bible translation: the translation of Biblical Hebrew lexical items referring to negative moral behaviour in the Book of Isaiah into Pököot*. DLitt Promotor: Dr CHJ van der Merwe.
13. VENTER PJ. *Manifestasies van "populêre religie" in Siro-Palestynse gemeenskappe tydens die Ystertyd. [Manifestations of "popular religion" in Syro-Palestinian societies of the Iron Age]*. DLitt Promotor: Prof I Cornelius.

### **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: 'n metafoor vir die kreatiewe proses van skryf?* MA Studieleier: Dr S Thom.
3. CONROY D. *The development of a practical moral identity in Seneca's Epistulae Morales 1-29*. MA Studieleier/medestudieleier: Prof JC Thom/dr S Thom.
4. DU PLESSIS AFJ. *Kosmologie in Augustinus se 'Confessiones' VII*. MA Studieleier/medestudieleier: Mev A Kotzé/prof JC Thom.
5. GROVE C. *Sprekers vir die digter: die personae by Horatius Odes boek 1*. MA Studieleier: Dr S Thom.
6. JACOBS-SMITH MW. *Die rol van vroue in die sosiale organisasie van Oud-Israel. [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 ME. *Political upheaval in early Judaism: the Hellenizers, the Hasidim and the Maccabean revolt*. MA Studieleier: Prof J Cook.
9. POGGENPOEL GTB. *Opvoeding en sosiale waardes in 'n kleinboergemeenskap 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.
10. RHODES GC. *Magie en divinasie in Siro-Palestynse gemeenskappe. [Magic and divination in Syro-Palestinian societies]*. MA Studieleier: Prof PA Kruger.
11. ROBERTS JE. *The concept of God in Iamblichus and Augustine*. MA Studieleier: Prof JC Thom.
12. VAN ALTEN HH. *Die aspek van die aoristos en imperfektum in Handeling*. MA Studieleier: Prof JC Thom.
13. VAN BEEK P. *Het Babel van haar tyd: Anna Maria van Schurman (1607-1678) en haar kennis van Oosterse talen*. MA Studieleier: Prof J Cook.
14. VAN DER MERWE J. *Judaïsme 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 B.C. as Hellenistic Judaism (Martin Hengel)?]*. MA Studieleier: Prof J Cook.
15. VIVIERS DS. *A comparison between Plato and Zoroaster: aspects of the philosophy in the Timaeus and the Gathas*. MA Studieleier: Prof J Cook.

## ARGEOLOGIE / ARCHAEOLOGY

### Tydskrifartikels/Journal articles

1. MILLER GH, BEAUMONT PB, DEACON HJ, BROOKS AS, HARE PE, JULL AJT. Earliest modern humans in South Africa dated by Isoleucine Epimerization in ostrich eggshell. *Quaternary Science Reviews* 1999; **18**(13): 1537-1548.

## BEELDENDE KUNSTE / FINE ARTS

### Verrigtinge internasionaal/Proceedings international

1. KERR GJ. *The last South African resistance art: outrage and Afrikaner culture*. International Conference for Higher Education in the Arts. Auckland, New Zealand, 2000.

### Referate internasionaal/Papers international

1. VAN NIEKERK P. *The prickly pear dilemma: the problems surrounding visual literacy and how it affects the practice of visual communication in modern-day South Africa*. African Studies Association of Australasia and the Pacific: The New African Perspectives Conference. Perth, University of Western Australia, Australia, 2000.

### Referate nasionaal/Papers national

1. BRUNDRIT J. *f Non-Stop: a schools' pinhole project*. Reflections on Design and Education Conference. Departement Visuele Kunste, Universiteit van Pretoria, 2000.
2. KADEN M. *Teaching Illustration at Stellenbosch University*. Reflections on Design and Education Conference. Departement Visuele Kunste, Universiteit van Pretoria, 2000.
3. TERREBLANCHE C. *Suid-Afrikaanse kunsjuweliersware*. Reflections on Design and Education Conference. Departement Visuele Kunste, Universiteit van Pretoria, 2000.

4. VAN NIEKERK P. *Informal talk and slide presentation on attending conference entitled "New African Perspectives" in Australia*. Reflections on Design and Education Conference. Departement Visuele Kunste, Universiteit van Pretoria, 2000.

### **Kreatiewe werke/Creative work**

1. ALBOROUGH A. Solo-tentoonstelling (Standard Bank Young Artist for Visual Art tentoonstelling – reisend). Monument Gallery, Grahamstad; King George VI Gallery, Port Elizabeth; Tatham Kunsgalery, Pietermaritzburg; Durban Kunsgalery, 2000.
2. ALBOROUGH A. Solo-tentoonstelling. US Kunsgalery, Stellenbosch, 2000.
3. BRUNDRIT J. Groeptentoonstelling: *African Photographers in Berlin*. Haus Der Kulturen Der Welt. Berlyn, Duitsland, 2000.
4. BRUNDRIT J. Groeptentoonstelling: *Collaboration*. Bell Roberts Contemporary Gallery, Kaapstad, 2000.
5. BRUNDRIT J. Groeptentoonstelling: *Emotions and relationships*. Sandton Civic Gallery, Johannesburg, 2000.
6. BRUNDRIT J. Groeptentoonstelling: *On the edge* (tentoonstelling van Suid-Afrikaanse fotograwe). Phyllis Palmer Gallery, La Trobe Universiteit, Bendigo, Australië, 2000.
7. DIETRICH K. Groeptentoonstelling: *Structures and scarifications*. Gallery on the Square, Sandton, Suid-Afrika, 2000.
8. DIETRICH K. Groeptentoonstelling: *That was the Millennium that was*. Goodman Gallery, Johannesburg, 2000.
9. DIETRICH K. Groeptentoonstelling: *Works on paper*. Goodman Gallery, Johannesburg, 2000.
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14. VAN NIEKERK P. Groeptentoonstelling: *Aid for Aids*. Stellenbosch, 2000.
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16. VAN NIEKERK P. *The icons meet*. Multimedia-vertoning met Pierre-Henri Wicomb, Samantha Pienaar en Sue Tatham-Van Niekerk. Stellenbosch, 2000.

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2. BOEZAART K. *The avant garde and patronage in contemporary South African art jewellery*. MA (BK), 2000. 104 pp. Studieleier/medestudieleier: Prof G Kerr/mnr E Cassar.
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4. JOSEPHY S. *The development of a critical practice in post-Apartheid South African photography*. MA (BK) cum laude, 2000. 280 pp. Studieleier/medestudieleiers: Dr M Arnold/me J Ractliffe en me L van Robbroeck.
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1. BESTER L. *Measured space: the construction and deconstruction of visual space*. MA (BK) Studieleier: Mnr A Alborough.

2. BRITZ P. *Lesbian images in visual and textual art in contemporary South African art*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me D Penfold.
3. BRUWER D. "You are what you wear": 'n studie oor die betekenis van juweliersware in die multi-kulturele Wes-Kaapse gemeenskappe. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me C Terreblanche.
4. CONIDARIS M. *Contemporary South African printmaking: a study of the art form in relation to socio-economic structures with special reference to the Caversham Press*. MA (BK) Studieleier/medestudieleier: Dr M Arnold/me F Langerman.
5. DE KOCK C. *Teken as visuele taal in 'n huidige Suid-Afrika*. MA (BK) Studieleier/medestudieleier: Dr K Dietrich/mnr V van der Merwe.
6. FERREIRA R. *Beeld en teks as visuele kommunikasie met verwysing na die stripmedium*. MA (BK) Studieleier: Dr K Dietrich.
7. GRUNER S. *Presence, absence and denial: an investigation of realism in animal imagery*. MA (BK) Studieleier: Dr K Dietrich.
8. HARLEY L. *Op weg na 'n kontemporêre Suid-Afrikaanse eko-estiek*. MA (BK) Studieleier: Dr K Dietrich.
9. KADEN M. *Beeld en teks: 'n dialoog*. MA (BK) Studieleier/medestudieleier: Dr K Dietrich/prof J Hattingh.
10. KEITH M. *Modernism in South Africa during the 1930s – 1950s: the new group and popular taste*. MA (BK) Studieleier: Prof G Kerr.
11. MURRAY J. "Ready-mades": die urinaal versus die soblikke. MA (BK) Studieleier: Mnr V van der Merwe.
12. SOUTHWOOD D. *Middelklastydsgenote met soortgelyke sosiale en persoonlike ontmoetingspunte: Doreen Southwood in gesprek met Bridgette Baker en Antoinette Murdoch*. MA (BK) Studieleier: Mnr A Alborough.
13. VAN NIEKERK P. *The virtue of images and the role that glamour plays as a manipulative tool in visual communication*. MA (BK) Studieleier: Mnr V van der Merwe.
14. WOOD C. *Self and the inner circle*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/dr K Dietrich.

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1. KRUGER M. English pantomime: reflections on a dynamic tradition. *South African Theatre Journal* 2000; **14**: 146-174.

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1. ROSSOUW J. *Training the theatre technician in South Africa*. Seminar on Theatre Technology, Department of Theatre Technology, Brooklyn College, City University of New York. New York, USA, 2000.

### Referate nasionaal/Papers national

1. ESTERHUIZEN J. *Conflict resolution*. Spring Seminar, Departement Drama, US en die Instituut vir Afrikastudie, Universiteit van Bayreuth, Duitsland. Stellenbosch en Robben Eiland, 2000.

### Kreatiewe werke/Creative works

1. ADAMS A. 'n Hoofrol in *Padkos/Road Kill* vir Spectrum Produksies. Klein Libertas Teater, Stellenbosch; Aardklop Nasionale Kunstefees, Potchefstroom, 2000.
2. ADAMS A. Hoofrol in *Bees* vir Stercus Produksies. Klein Libertas Teater, Stellenbosch; Aardklop Nasionale Kunstefees, Potchefstroom, 2000.
3. ADAMS A. Speler in *Soutmansland* op SABC TV 2. 'n Reeks gekryf en geregisseer deur Danie de Jager. Gebeeldsind 2000.

4. HAUPTFLEISCH G. Teks en regie van *Bees*. 'n Komiese verwerking van Elektra van Euripides. Klein Libertas Teater, Stellenbosch; Aardklop Nasionale Kunstefees, Potchefstroom, 2000.
5. HAUPTFLEISCH G. Teks en regie van *Grensgeval vir Stercus* Produksies, in samewerking met die Sentrum vir Teaternavorsing, Universiteit van Stellenbosch. HB Thom Teater, Stellenbosch; Klein Karoo Nasionale Kunstefees, Oudtshoorn, 2000.
6. KRUGER M. Teksverwerking en regie van *Debora de Waal en die Baba Blues* met Maulise Kotze. Aardklop Nasionale Kunstefees, Potchefstroom, 2000.
7. MARAIS E. Stelinkleding van *Mozart and Salieri* (Pushkin) onder regie van Mark Graham. Oude Libertas Teater, Stellenbosch, 2000.
8. PIENAAR S. Choreografie van en hoofrol in *The life and times of Johnny Cockroach* deur Breyten Breytenbach vir ArtsCape. Nico Malan Teater, Kaapstad, 2000.
9. PIENAAR S. Choreografie van *In search of Adam's apple* vir FNB Dance Indaba. Nico Malan Teater, Kaapstad, 2000.
10. PIENAAR S. Choreografie van *The icons meet*. Multimedia-vertoning. Stellenbosch, 2000.
11. PIENAAR S. Konseptualisering en regie van *The masque-rave*, 'n poësie-program vir Streeks Skole Fees. Nico Malan Teater, Kaapstad, 2000.
12. PIENAAR S. Teks en choreografie van *Godstation* vir The Focal Joint. HB Thom Teater, Stellenbosch, 2000.
13. ROSSOUW K. Beligtingsontwerp van *The Magic Flute* (WA Mozart) onder regie van Angelo Gabato. Nico Malan Teater, Kaapstad, 2000.
14. ROSSOUW K. Beligting- en stelontwerp van *Drafstap of Drentel* (Juanita Swanepoel) onder regie van Juanita Swanepoel. Hooffees van die Klein Karoo Nasionale Kunstefees, Oudtshoorn, 2000.
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16. ROSSOUW K. Beligtingsontwerp van *Daaiza Lady* (Dansprodukie, Jaci Jobe). Nico Malan Teater, Kaapstad, 2000.
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2. STOLTZ C. *Die relevansie van sangtegniese oefeninge as deel van die akteur se stem- en spraakopleiding*. MDram, 2000. 88 pp. Studieleier: Dr M Kruger.

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1. BAIN KN. *Hyperartificial cinema and the art of cool*. DPhil Promotor: Prof T Hauptfleisch.
2. LITKIE CA. *Selected black Southern African dramatists. A study in cultural influences*. DPhil Promotor: Prof T Hauptfleisch.

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2. BOUWER J. *Fisieke 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. LOUBSER N. *Kreatiwiteit en die teksskrywer: 'n verkenning*. MDram Studieleier: Prof T Hauptfleisch.
6. MOHR M. *From Anton Chekhov to Reza de Wet: A study of realism*. MDram Studieleier: Prof T Hauptfleisch.

7. ROUSSOUW K. *Ontwerp in die teater: 'n teoreties-empiriese ondersoek*. MDram Studieleier: Prof T Hauptfleisch.
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10. VEZI NP. *Black playwriting in KwaZulu-Natal: a study of selected playwrights*. MDram Studieleier: Prof T Hauptfleisch.

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2. GAGIANO AH. Appreciating Nuruddin Farah's *Secrets*. *English Academy Review* 1999; **16**: 91-100.
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8. GREEN BK. Wright's *A Blessing*. *Explicator* 2000; **58**(3): 166-169.
9. HALE F. Axiological dissonance and Moral Accountability in Elizabeth Cook-Lynn's *From the River's Edge*. *European Review of Native American Studies* 2000; **14**(1): 39-44.
10. HALE F. Capital Punishment or Capital Forgiveness? The Enduring Message of *Dead Man Walking*. *Acta Theologica* 2000; **20**(1): 28-48.
11. HALE F. The development of Norwegian Lutheran missionary endeavours in Durban, 1890-1914. *Studia Historiae Ecclesiasticae* 2000; **26**(1): 56-79.
12. HALE F. Defending the Great Trek myth: Afrikaner nationalists' campaign in the Cape against Stuart Cloete's *Turning Wheels*. *Kronos* 2000; **26**: 102-117.
13. HALE F. Differentiating the concentration camps in Chris C Euvrard's *Twee Susters*. *Tydskrif vir Nederlands en Afrikaans* 1999; **6**(2): 151-161.
14. HALE F. Dreams and Vision Quests in Janet Campbell Hale's *The Owls's Song*. *Studies in American Indian Literatures* 2000; **12**(1): 69-82.
15. HALE F. The ethnic captivity of Christian Ethics? Reformed and other reactions to the South African Truth and Reconciliation Commission. *Metanoia* 2000; **10**(1-2): 45-60.
16. HALE F. The fountain-head of Dutch fictional reconstructions of the Great Trek: J Hendrik van Balen's *De Landverhuizers*. *Tydskrif vir Nederlands en Afrikaans* 2000; **7**(1): 56-73.
17. HALE F. The Galician Lion of Judah versus the Red Antichrist: Francisco Franco through British Jesuit Eyes. *Studia Historiae Ecclesiasticae* 2000; **26**(1): 34-55.
18. HALE F. Ibo spirituality and marriage customs on the eve of Nigerian independence: the testimony of Onuora Nzekwu's *Wand of Noble Wood*. *Religion & Theology* 2000; **7**(1): 24-39.
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2. GAGIANO AH. *The Symbolic Dimension of Achebe's "No Longer At Ease"*. Annual Selected Papers of the ALA Number 7. 24th Annual Meeting of the African Literature Association. Austin, Texas, USA, 2000: 221-233.

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1. GAGIANO AH. *Listening for the mediated voices of the Southern African Khoisan: ironies and wonders*. Against All Odds: African Languages and Literatures into the 21st Century – Conference. Asmara, Eritrea, 2000.
2. GAGIANO AH. *Shakespeare, (Fanon), Salih: Can the black man love the white woman? Can the white woman love the black man?* 16th Congress of the International Comparative Literature Association. Pretoria, South Africa, 2000.
3. HEYNS MW. *Call no man happy: perversity as narrative principle in JM Coetzee's "Disgrace"*. Annual Convention of the Modern Language Association. Washington, USA, 2000.
4. NUTTALL S. *Subjectivities of Whiteness*. Africa: past, present and future. University of Cambridge, UK, 2000.
5. NUTTALL S. *Word and world: literature and global imaginations*. Literary Studies at the Turn of the Millennium. University of Cairo, Egypt, 2000.

### **Referate nasionaal/Papers national**

1. GAGIANO AH. *Schoeman and slavery: Armosyn van die Kaap 1415-1651*. 9de Hoofkongres van die Afrikaanse Letterkundevereniging. RAU, Johannesburg, 2000.

2. GAYLARD RP. *A literature of defeat? Alex la Guma's "A Walk in the Night"*. AUETSA Conference. Bloemfontein, 2000.
3. HENDERSON ACL. *The topless towers of Illium or some corner that is forever England: Chaucer's ancient world*. Biennial Conference of the Southern African Society for Medieval and Renaissance Studies. RAU, Johannesburg, 2000.

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2. HALE F. *South African Baptist social ethics: the captivity of the Church in a multiracial society*. South African Baptist Historical Society, 2000. 410 pp.
3. NUTTALL S, MICHAEL C-A. *Senses of culture: South African culture studies*. Oxford University Press, Cape Town, 2000. 558 pp.

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3. GAYLARD RP. Dikobe. In: Killam D, Rowe R, (eds). *The Companion to African Studies*. James Currey, Oxford, 2000: 79.
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6. GAYLARD RP. The Maraloi dance. In: Killam D, Rowe R, (eds). *The Companion to African Studies*. James Currey, Oxford, 2000: 156.
7. GAYLARD RP. Motsisi. In: Killam D, Rowe R, (eds). *The Companion to African Studies*. James Currey, Oxford, 2000: 164.
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9. GAYLARD RP. Oswald Mbuyiseni Mtshali. In: Scanlon P, (ed.). *Dictionary of Literary Biography: South African Writers*. Bruccoli Clark Layman, Detroit, 2000; **225**: 298-304.
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2. 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.

### **Magister lopend/Master's current**

1. ELLIS J. *Patriarchal structures of control and female homosocial relationships in the novels of Charlotte Brontë*. MA Studieleier: Me R Alexander.
2. RADLOFF A. *The poetry of Tatamkhulu Afrika*. MA Studieleier: Dr AH Gagiano.

<p style="text-align: center;"><b>FILOSOFIE</b> <b>(waarby ingesluit die Sentrum vir Toegepaste Etiek) /</b> <b>PHILOSOPHY</b> <b>(including the Centre for Applied Ethics)</b></p>
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2. CILLIERS P. What can we learn from a theory of complexity? *Emergence* 2000; **2**(1): 23-33.
3. HATTINGH JP. Biomedical ethics in South Africa: Current challenges and institutional responses. *Biomedical Ethics. Newsletter of the European Network for Biomedical Ethics* 2000; **5**(1): 38-41.
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7. OLIVIER A. Die sin van pyn. *South African Journal of Philosophy* 2000; **19**(3): 235-255.
8. RICHARDSON KA, MATHIESON G, CILLIERS P. The theory and practice of complexity science – epistemological implications for military operational analysis. *SysteMexico* 2000; **1**(1): 25-66.
9. TERREBLANCHE S. Subjek en etiese verantwoordelikebesef: Die Idee van die Oneindige in Levinas se *Totality and Infinity*. *South African Journal of Philosophy* 2000; **19**(2): 133-150.
10. VAN NIEKERK AA. Afrikanerskap: ten slotte of opnuut? *South African Journal of Philosophy* 2000; **19**(4): 100-120.
11. VAN NIEKERK AA. Die Suid-Afrikaanse universiteitswese: koers in die krisis? *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 2000; **19**(2): 30.
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2. HATTINGH JP. *Culture, difference, power and multiculturalism. Pluralism as a philosophical problem*. Proceedings of the Center for Ethics, Catholic University of Nijmegen (CEKUN), and the Zentrum für Ethik in die Wissenschaften (ZEW Tübingen); CEKUN Werkdokument 3. Nijmegen, Nederland, 1999: 29-41.
3. MARSHALL AH. *Plato, humanity and globalisation*. Justice, Virtues and Citizenship. Proceedings of the Second International Conference for Greek Philosophy and the Humanities. Pretoria, 2000; *Phronimon* 2000; **2**: 231-241.
4. RICHARDSON KA, CILLIERS P, LISSACK M. *Complexity science: a 'grey' science for the 'Stuff in Between'*. Proceedings of the First International Conference on Systems Thinking in Management. Geelong, Australia, 2000: 532-537.
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2. CILLIERS P. *Boundaries, hierarchies and networks in complex systems*. Managing the Complex. Boston, USA, 2000.
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2. BROEKMANN RJ. *Power in the physician-patient relationship*. MPhil cum laude, 2000. 88 pp. Studieleier: Prof AA van Niekerk.
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18. 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.
19. ROODT V. *Action and remembrance: Nietzsche and Arendt on the Constitution of the Public Realm*. DPhil Promotor: Prof WP Esterhuysen.
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2. DE VILLIERS S. *Surrogate decision-making for the mentally ill: an ethical enquiry*. MPhil Studieleier: Prof AA van Niekerk.
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7. FORD FY. *Development of a GIS for fire management by Cape Nature Conservation, RSA*. MA Studieleier: Mnr A van Niekerk.
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9. HOBSON AGC. *Using GIS to enhance spatial efficiency in rural school planning*. MA Studieleier: Prof HL Zietsman.
10. JAMES A. *Die identifisering van ontwikkelings sensitiewe areas teen berghange: Stellenbosch- en Hottentotshollandberge*. MA Studieleier: Mnr A van Niekerk.
11. JANSE VAN RENSBURG HS. *Small town integration in the West Coast Peninsula*. MA Studieleier: Dr PH de Necker.
12. KUNNEKE MM. *Vestiging van gemeenskapsgedrewe geïntegreerde rivierbekkenbestuur: Die Veldwachtersrivier as gevallestudie*. MA Studieleier: Dr JH van der Merwe.
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19. NTENE ME. *Assessment of ecotourism potential of the Katse Area, Lesotho*. MA Studieleier: Dr JH van der Merwe.
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25. SCHONEGEVEL L. *Spatial modelling for decision making in alien invasive vegetation management*. MA Studieleier: Mnr A van Niekerk.
26. 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.
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34. WAMBUGU JN. *Using GIS for optimal locations of automated teller machines (ATMs): the case of Stellenbosch*. MSc Studieleier/medestudieleier: Mnr PJ Eloff/prof HL Zietsman.

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2. EHLERS A. *Desegregating history in South Africa: the case of the Covenant and the Battle of Blood/Ncome River.* Denmark/South Africa History for Democracy Exchange. Copenhagen, Denmark, 2000.
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4. VENTER C. *South African Prisoners of War in India and Ceylon (Sri Lanka) during the Anglo-Boer War, 1899-1902.* 16th International Conference of the International Association of Historians of Asia. Kota Kinabalu, Sabah, Malaysia, 2000.
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2. BURDEN M. *Humor in die Afrikaanse volkswoordkuns.* Konferensie van Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Paarl, 2000.
3. BURDEN M. *Oral history: the integrity of the original source.* Kongres van die Suid-Afrikaanse Vereniging van Argivarisse. Florida, Suid-Afrika, 2000.
4. BURDEN M. *'n Ordeningstelsel en vindmiddel vir 'n kultuurhistoriese dokumentesentrum.* Kongres van die Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Pretoria, 2000.
5. KAPP PH. *Is 'n eenheidsgeskiedenis van Suid-Afrika wenslik of moontlik?* Internasionale Vakseminaar. RAU, Johannesburg, 2000.
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1. KOPERSKI J. *William Fehr (1892-1968) and his contribution to the study of South African history and culture.* DPhil, 2000. 287 pp. Promotor/medepromotor: Prof CJ du Ry/prof PH Kapp.
2. VAN DER LINDE W. *Die neerslag van Art Deco in Suid-Afrika as manifestasie van 'n internasionale tydgees en styl, met spesifieke verwysing na die argitektuur.* DPhil, 2000. 565 pp. Promotor: Dr M Burden.
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1. BARNARD JMM. *Die Erika Theron-kommissie, 1973-1976: 'n historiese studie.* MA cum laude, 2000. 322 pp. Studieleier: Dr C Venter.
2. 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, 2000. 93 pp. Studieleier: Dr M Burden.
3. EKERMANS B. *Die ontwerp van 'n ordeningstelsel en vindmiddel vir 'n kultuurhistoriese navorsingsentrum.* MA cum laude, 2000. 142 pp. Studieleier: Dr M Burden.
4. MEINTJES S. *Die potensiaal van gastehuse in die Wes-Kaap om tradisionele kultuur aan die toeris oor te dra.* MA, 2000. 146 pp. Studieleier: Dr M Burden.

5. STRAUSS EM. *'n Kultuurhistoriese en opvoedkundige waardebeplanning van plaasskole in die Overberg-omgewing, in die lig van uitfasering*. MA, 2000. 141 pp. Studieleier: Dr M Burden.
6. WEIL T. *Die inskakeling van die Jode by die Afrikaanssprekende gemeenskap op die platteland, 1880-1950*. MA cum laude, 2000. 125 pp. Studieleier: Dr M Burden.

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1. EHLERS A. *Die geskiedenis van Boland Bank se eksekuteurskamers en trustmaatskappye tot 1971*. DPhil Promotor: Dr C Venter.
2. HEIBERG JP. *Dr AL Geyer as Suid-Afrika se Hoë Kommissaris in Londen (1950-1954)*. DPhil Promotor: Prof PH Kapp.
3. HERBST RO. *Die Kareeberggrens – aspekte van 'n grenssituasie gedurende die neëntiende eeu*. DPhil Promotor: Dr C Venter.
4. LAUBSCHER CJ. *Die toepassing en die invloed van die Wet op Groepsgebiede 1960 (gewysig) op Distrik Ses in Kaapstad*. DPhil Promotor: Prof AM Grundlingh.
5. MARITZ L. *Die geskiedenis van die Women's National Coalition (WNC) in Suid-Afrika (1991-1994)*. DPhil Promotor: Prof AM Grundlingh.
6. MARKRAM WJ. *Die lewe en werk van Petrus Lafras Uys, 1797-1938*. DPhil Promotor: Dr C Venter.
7. PUNT LF. *Die Smoushandel in die Geskiedenis van die Kaapse Oosgrens, 1830-1850*. DPhil Promotor: Prof AM Grundlingh.
8. VERSTER FP. *'n Kultuurhistoriese ontleding van die werk van TO Honiball met spesifieke verwysing na pikturale humor*. DPhil Promotor: Dr M Burden.
9. 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 waardebeplanning van die volkskultuur van die plaaswerkers in die Hopefield-omgewing*. MA Studieleier: Dr M Burden.
2. BADEROEN T. *Die geskiedenis van die Stellenbosch Hospitaal*. MA Studieleier: Dr C Venter.
3. BARNARD E. *Volksboukuns in die Swellendam-omgewing*. MA Studieleier: Dr M Burden.
4. BOONZAAIER I. *Die Wet op Landelike Gebiede (Wet 9 van 1987) en sy probleme: 'n historiese oorsig*. MA Studieleier: Prof PH Kapp.
5. BOTHA M. *Die Arabiese-Israëli konflik en die Koue Oorlog, 1965-1975*. MA Studieleier: Prof AM Grundlingh.
6. BRAND A. *Die bestaansreg van Geskiedenis binne Kurrikulum 2005*. MPhil Studieleier: Prof AE Carl.
7. BURGER P. *Die invloed van die Anglo-Boereoorlog op die burgerlike bevolking van Oudtshoorn, 1899-1902*. MA Studieleier: Dr C Venter.
8. CARSTENS JHM. *Identiteit in 'n Verenigde Europa vanaf die Verdrag van Rome tot die vrede van Kosovo, 1957-1999*. MA Studieleier: Prof AM Grundlingh.
9. CONRADIE-FAUL J. *'n Museologiese ondersoek na die mens se benutting van die mollusk in vyf kunsvorme vir die doel van die ontwerp van 'n uitstalling*. MA Studieleier: Dr M Burden.
10. COREEJES P. *'n Genealogiese en kultuurhistoriese studie van die Coreejes-familie in Suid-Afrika, 1800-2000*. MA Studieleier: Dr M Burden.
11. DE VAAL P. *Die bewaring van argivale rekords in privaatversamelings*. MA Studieleier: Dr M Burden.
12. ELLIS J. *'n Militêr-historiese vergelyking van die Kikuyu van Kenia en die Basotho (Suid-Sotho) van Suidelike-Afrika gedurende die voor-koloniale tydperk*. MA Studieleier: Dr C Venter.
13. ING ML. *'n Ondersoek na die waarde van kultuurhistoriese bakens in Parow vir toerisme en opvoedkundige doeleindes*. MA Studieleier: Dr M Burden.

14. KENMUIR I. *'n Kultuurhistoriese ondersoek na Neo-Gotiese kerkargitektuur in die Wes-Kaap*. MA Studieleier: Dr M Burden.
15. MURRAY P. *Historiese feite en fiksie in 'n werk van Etienne van Heerden*. MA Studieleier: Prof AM Grundlingh.
16. OCTOBER HNN. *Die VSA se veranderde beleid teenoor die Republiek van China (Taiwan), 1969-1979*. MA Studieleier: Prof PH Kapp.
17. RETIEF L. *Die rol van sages in die Afrikaanssprekende gemeenskap*. MA Studieleier: Dr M Burden.
18. SMIT S. *Die aanwending van pikturale Africana as bron vir 'n kultuurhistoriese evaluering van 'n geografiese area, met as model die Wellington-omgewing, 1650-1800*. MA Studieleier: Mnr H van der Merwe.
19. SWANEPOEL C. *'n Kultuurhistoriese en genealogiese studie van 'n tak van die Swanepoel-familie in Suid-Afrika, 1699-1950*. MA Studieleier: Dr M Burden.
20. VAN DER HOVEN L. *Elim: a cultural historical study of a Moravian mission station at the southern extreme of Africa*. MA Studieleier: Dr M Burden.
21. VAN DER MERWE JF. *'n Genealogiese en kultuurhistoriese studie van die nasate van Isaac van der Merwe (1711-1777): distrik Vier en Twintig Rivieren en Honingberg*. MA Studieleier: Dr M Burden.
22. VAN ZYL A. *'n Ondersoek na die bewarenswaardigheid van die Elandsvlei gebouekompleks*. MA Studieleier: Dr M Burden.

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1. GEORGE V. *Community development through external aid in rural South Africa – Welverdiend Village – a case study*. MPhil, 2000. 104 pp. Studieleier: Dr HP Müller.
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1. BADENHORST GP. *Leadership in the network society*. MPhil Studieleier: Prof J Kinghorn.
2. BIYELA I. *Partners in education: some policy guidelines for improving relationships amongst roleplayers in the New Education System*. MPhil Studieleier: Prof BC Lategan.

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22. STEYN C. *Sensemaking in Sanlam Life: a case study on the diagnostic significance of sensemaking for managing major organizational transformation processes*. MPhil Studieleier: Dr HP Müller.
23. SWARTZ ME. *The implementation of integrated development planning in Stellenbosch: an interactive approach analysis*. MPhil Studieleier: Prof WJ Breytenbach.

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1. STEYN H. *Inligtingsdiens aan toeriste in die openbare biblioteek, met spesiale verwysing na die Milnertonse Openbare Biblioteek*. MBibI Studieleier: Dr MS van der Walt.

## JOERNALISTIEK / JOURNALISM

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1. CLAASSEN GN. Breaking the mold of political subservience: *Vrye Weekblad* and the Afrikaans alternative press. In: Switzer L, Adhikari M, (eds). *South Africa's Resistance Press – Alternative Voices in the last generation under apartheid*. Ohio University/Swallow Press, Ohio University Center for International Studies, 2000: 404-457.

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2. WOLHUTER J. *Die gebruik van 'n siftingstoets as keuringsmetode vir nagraadse joernalistiekstudente en voornemende joernaliste*. MPhil, 2000. 113 pp. Studieleiers: Mnr B Booyens en prof GN Claassen.

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1. JORDAAN WJ. *Die verhouding tussen die Suid-Afrikaanse owerheid en die pers in etiese perspektief – 'n grondslag vir konstruktiewe gesprek*. DPhil Promotor: Prof GN Claassen.

## MAATSKAPLIKE WERK / SOCIAL WORK

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1. CRONJE JI, JONKER C. The cross-cultural ravine: why the bridge is necessary, and how to go about building it. *Social Work/Maatskaplike Werk* 2000; **36**(3): 218-236.
2. GREEN S, LENNOX LT. Die getuienis en vonnisaanbeveling van die proefbeampte in voorvonnisondersoek vir jeugdige oortreders. *Social Work/Maatskaplike Werk* 2000; **36**(4): 332-350.

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1. GREEN S, McCARTHY MA. *Empowerment of rural mothers of sexually abused children*. 29th ICSW International Conference on Social Welfare. Cape Town, South Africa, 2000.
3. WEEKES MS. *A model for the formulation and analysis of Social Welfare Policies*. 29th ICSW International Conference on Social Welfare. Cape Town, South Africa, 2000.

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1. GREEN S. *The challenge of accountability for the social work profession: making students practice-competent*. Joint Universities Committee (JUC) Conference on Social Work Education. Port Elizabeth, 2000.

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1. CRONJE JI. Sport in society. In: Basson JAA, Loubser MM, (eds). *Sport and the law in South Africa*. Butterworths, 2000: Ch1-1 – Ch1-14.
2. GREEN S. Developmental social welfare services in South Africa. In: Nyberg E, (ed.). *Community empowerment and citizen influence*. The Research and Development Centre of Southern Stockholm, 2000: 224-234.

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1. ARENDSE R. *Die rol van die militêre maatskaplike werker by bestuursopleiding van die laevlakbestuurder in die Suid-Afrikaanse Nasionale Weermag*. MA (MW), 2000. 93 pp. Studieleier: Prof JI Cronjé.
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3. GANYASA TZ. *Multidisciplinary teamwork in an admission unit of a psychiatric institution*. MA (MW), 2000. 102 pp. Studieleier: Prof S Green.
4. RETIEF RT. *Guidelines for the handling of sexual harassment in the South African Police Service*. MA (MW), 2000. 133 pp. Studieleier: Prof S Green.
5. SMALL W. *Strategiese beplanning in maatskaplike werk-bestuur met spesifieke verwysing na die formulering van diensvoorstelle*. MA (MW), 2000. 155 pp. Studieleier: Prof JI Cronjé.

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1. CORRIE L. *Maatskaplike werk-intervensie*. DPhil Promotor: Prof S Green.
2. ENGELBRECHT LK. *'n Ontwikkelingsgerigte perspektief op supervisie van maatskaplike werk-studente by opleidingsinstansies in Suid-Afrika*. DPhil Promotor: Prof S Green.
3. MATTHYSEN RGE. *Die ontwikkeling van voorgraadse studente se vaardigheid in probleemoplossing in die maatskaplike werk-proses*. DPhil Promotor: Prof S Green.
4. MBANDAZAYO NP. *The management of community development projects in disadvantaged communities in the Eastern Cape*. DPhil Promotor: Prof S Green.
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6. SMITH PJD. *Social work intervention for unmarried fathers*. DPhil Promotor: Prof S Green.
7. THABEDE D. *Social casework. An African-centered perspective*. DPhil Promotor: Prof S Green.

### Magister lopend/Master's current

1. BAGNALL K. *Utilisation of community work by social workers in the military context*. MA (MW) Studieleier: Prof S Green.
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3. CAMPBELL J. *Parental oriented sex education for pre-school children*. MA (MW) Studieleier: Mev MA McCarthy.
4. DAVIES PS. *Die benutting van werknemberystandprogramme in industrieë: riglyne vir maatskaplike werkers*. MA (MW) Studieleier: Prof JI Cronjé.

5. FOUCHÉ A. *Ondersteuningsprogramme ten opsigte van MIV-geïnfekteerde werkers: 'n maatskaplike werk-perspektief*. MA (MW) Studieleier: Dr SP Kruger.
6. GARDNER BA. *The challenges for social work supervision in a changing South Africa with reference to service delivery by Provincial Administration Western Cape: Social Service Branch*. MA (MW) Studieleier: Prof JI Cronjé.
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9. JASSON E. *The management of a decentralised welfare agency*. MA (MW) Studieleier: Prof S Green.
10. JEFTHA EM. *Maatskaplike werk-supervisie in 'n psigiatriese afdeling van 'n hospitaal*. MA (MW) Studieleier: Prof JI Cronjé.
11. JOSEPH D. *Werknemershulpprogramme binne die Departement Korrektiewe Dienste, Wes-Kaap*. MA (MW) Studieleier: Dr MS Weekes.
12. KILIAN I. *Die opleiding van praktykopleiers van voorgraadse studente*. MA (MW) Studieleier: Prof S Green.
13. KOTZE MJ. *Die rol van maatskaplike werk binne bedryfsorganisasies*. MA (MW) Studieleier: Prof JI Cronjé.
14. LERWICK S. *Maatskaplike probleme van leerders in skoolkoshuise*. MA (MW) Studieleier: Dr SP Kruger.
15. LE TAPE AR. *Psychosocial stress experienced by correctional officials*. MA (MW) Studieleier: Prof JI Cronjé.
16. MAGOBOTITI CD. *The contribution of social work to the prevention of crime by the criminal justice system in the Western Cape*. MA (MW) Studieleier: Prof CJ Groenewald.
17. POLMAN M. *Riglyne vir maatskaplike werk-intervensie ten opsigte van werknemers van 'n plaaslike owerheidsinstelling*. MA (MW) Studieleier: Prof JI Cronjé.
18. POWRIE AHF. *Bedryfsmaatskaplike werk by plaaslike owerhede in die Kaapse Skiereiland*. MA (MW) Studieleier: Dr MS Weekes.
19. RAUTENBACH MP. *Die bestuursfunksies van die maatskaplike werker in 'n distriks-hospitaal*. MA (MW) Studieleier: Prof S Green.
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21. STEVENS FJ. *Die onderrigfunksie van supervisie as 'n bydraende faktor vir doeltreffende dienslewering aan alkoholiste in inrigtingsverband*. MA (MW) Studieleier: Prof JI Cronjé.
22. VAN DER MERWE WC. *Die evaluering van die koste-doeltreffendheid van maatskaplike welsynsprogramme*. MA (MW) Studieleier: Prof JI Cronjé.
23. VAN RENSBURG J. *Post-traumatiese stres en maatskaplike werk-intervensie*. MA (MW) Studieleier: Dr MS Weekes.
24. VAN ZYL L. *Maatskaplike werk-assessering van seksueel gemolesteerde kinders in hul middelkinderjare*. MA (MW) Studieleier: Mev MA McCarthy.
25. VENTER FM. *Die rol van maatskaplike faktore in die werksafwesigheid van vroulike fabriekswerkers*. MA (MW) Studieleier: Prof S Green.
26. VENTER N. *Riglyne vir 'n intervensieprogram met adolessente kinders van alkoholiste in die CAD*. MA (MW) Studieleier: Dr SP Kruger.
27. VOLSCHEM M. *Die rol van die maatskaplike werker tydens gemeenskapsgebaseerde dienslewering aan ouer persone*. MA (MW) Studieleier: Dr SP Kruger.
28. WILLIAMS RC. *The utilisation of group supervision in practice education of students*. MA (MW) Studieleier: Prof S Green.



## MODERNE VREEMDE TALE / MODERN FOREIGN LANGUAGES

### Tydskrifartikels/Journal articles

1. KUSSLER HR, VAN DER MERWE AD. What is good hypertext? *Journal for Language Teaching* 32 1998; 4: 323-331.

### Referate internasionaal/Papers international

1. DU TOIT MCK. *Henri-Pierre Roché: l'enseignement et l'empire des sens*. XVIe Internasionale Kongres van AFSSA (Association for French Studies in Southern Africa). Pretoria, South Africa, 2000.
2. KÖPPE WGH. *Die Begegnung mit den Hirten. Europäische Reisende am Kap der Guten Hoffnung*. 10de Internasionale Kongres van die IVG (Internasionale Germanistevereniging). Wenen, Oostenryk, 2000.

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1. BERGMAN EK. *Reel views*. MPhil cum laude, 2000. CD-Rom. Studieleier: Prof HR Kussler.
2. BREDEKAMP L. *Xhosa music. the people of Lumko*. MPhil, 2000. CD-Rom. Studieleier: Prof HR Kussler.
3. DU TOIT RO. *Deutsch für Tourismusstudenten in Stellenbosch*. MPhil cum laude, 2000. CD-Rom. Studieleier: Prof HR Kussler.
4. FEHRSEN JP. *Corkhouse*. MPhil cum laude, 2000. CD-Rom. Studieleier: Prof HR Kussler.
5. KATZ A. *Barmy teacher*. MPhil, 2000. CD-Rom. Studieleier: Prof HR Kussler.
6. LALLOO JKN. *Ecofocus Northwest*. MPhil, 2000. CD-Rom. Studieleier: Prof HR Kussler.

### Doktoraal lopend/Doctoral current

1. BECH A. *Contemporary travel writing and postmodernity*. DLitt Promotor: Dr WGH Köppe.

### Magister lopend/Master's current

1. BOONZAIER PB. *Xhosa tutorial for beginners*. MPhil Studieleier: Prof HR Kussler.
2. FOURIE H. *Basic French for tourism*. MPhil Studieleier: Prof HR Kussler.
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4. LIEBENBERG WM. *Language tutorial and assessment test in the South African National Defence Force*. MPhil Studieleier: Prof HR Kussler.
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**POLITIEKE WETENSKAP**  
**(waarby ingesluit die Sentrum vir Internasionale**  
**en Vergelykende Politiek) /**  
**POLITICAL SCIENCE**  
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2. TISO SS. *Review of postal reform in South Africa*. MPhil, 2000. 120 pp. Studieleier: Prof WJ Breytenbach.
3. VAN TONDER D. *Peacebuilding in Mozambique with special reference to the UN policy on landmine removal*. MPhil, 2000. 110 pp. Studieleier: Prof WJ Breytenbach.
4. VAN WYK J-A. *Aspekte van die openbare beleidsproses in Suid-Afrika met spesiale verwysing na die waterbeleid (1994-1999)*. MA, 2000. 224 pp. Studieleier: Prof HJ Kotzé.



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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. JOSEPH T. *Mainstreaming women in development: a gender analysis of the United Nations Development Programme in South Africa*. DPhil Promotors: Prof A Gouws en prof J Parpart (Dalhousie University, Canada) (ekstern).
4. KEULDER CJ. *Namibia's electoral and party systems: 1989-1999*. DPhil. Promotor/medepromotor: Prof HJ Kotzé/prof PvdP du Toit.
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6. MATTHEE H. *Muslim identity and political strategies in the Western Cape*. DPhil Promotor: Prof PvdP du Toit.
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8. 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.
9. TAYLOR H. *Political community in deeply divided societies: South Africa and Northern Ireland*. DPhil Promotor/medepromotor: Prof HJ Kotzé/prof PvdP du Toit.
10. TENG-ZENG F. *Transnational science and technology cooperation in Africa: an evaluation of selected institutions and programmes*. DPhil Promotors: Prof PR Nel en prof J Mouton.
11. THIEL HPE. *The state and social movements in South Africa: an analysis of political protest, 1994-1998*. DPhil Promotor: Prof HJ Kotzé.
12. 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. BERTELSMAN-SCOTT T. *The SA-EU trade, development and cooperation agreement: democratising South Africa's trade policy*. MA Studieleier: Prof PR Nel.
2. DU PLESSIS MJ. *The international political economy of the Cartagena protocol on biosafety*. MA Studieleier: Prof PR Nel.
3. GILBERT SCOTT GR. *UN Peacekeeping in Africa: is the Charter's Mandate still applicable?* MA Studieleier: Prof WJ Breytenbach.
4. HOOSEN NM. *The South African Transition and the Politics of Massacre, 1984-1994*. MA Studieleier: Prof PvdP du Toit.
5. KANGAS L. *Is the Namibian democracy consolidated?* MA Studieleier: Prof WJ Breytenbach.
6. MULUVHAHOTE N. *Mozambique: from prevention diplomacy to conflict resolution*. MPhil Studieleier: Prof WJ Breytenbach.
7. RICHMOND W. *Those that dare to stay behind: skilled emigration from South Africa*. MA Studieleier: Prof HJ Kotzé.
8. STEWART G. *The national machinery for women – Policy Act 6 and influence: a case study of the sexual offences act*. MA Studieleier: Prof A Gouws.
9. SWART M. *The origins of feminine identity*. MA Studieleier: Prof A Gouws.

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1. GREEFF AP. Characteristics of families that function well. *Journal of Family Issues* 2000; **21**(8): 948-963.
2. GREEFF AP. Perceptions of parents and adolescents about their families. *Die Maatskaplikewerk Navorsing-Praktisyn* 2000; **12**(1): 1-9.
3. GREEFF AP, DE BRUYNE T. Conflict management style and marital satisfaction. *Journal of Sex & Marital Therapy* 2000; **26**(4): 321-334.
4. GREEFF AP, VAN AS RB. Die invloed van 'n sinsbelewingsprogram op 'n groep Christenstudente. *Praktiese Teologie* 2000; **15**(1): 14-22.
5. LOUW AD, MEYER JC, VAN SCHALKWYK DJ. A comparison of the job-satisfied and job-dissatisfied environmental health officer in South Africa. *Journal of Industrial Psychology* 2000; **26**(2): 27-31.
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7. NAIDOO AV. Review of "Multiculturalism as a fourth force" by Paul Pedersen (ed.). *South African Journal of Psychology* 2000; **30**(4): 52-53.
8. PLÜDDEMANN A, THERON WH, STEEL HR. The relationship between adolescent alcohol use and self-consciousness. *Journal of Alcohol and Drug Education* 1999; **44**(3): 21-48.
9. RIECKERT J, MÖLLER AT. Rational-emotive behaviour therapy in the treatment of adult victims of childhood sexual abuse. *Journal of Rational-Emotive and Cognitive-Behavior Therapy* 2000; **18**: 87-101.
10. SPANGENBERG JJ, MÖLLER AT, HUGO FJ, HALLAND AM, WHITELAW DA. The nature and prevalence of neuropsychological impairment in patients with systemic lupus erythematosus. *Studia Psychologica* 2000; **42**(1-2): 123-134.
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**Verrigtinge internasionaal/Proceedings international**

1. VENTER E, SPANGENBERG JJ. *Premenstrual syndrome and cognitive functions*. *Journal of the International Neuropsychological Society* 2000; **6**(4): 420-421.

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1. DE VOS HM. *An interpretation of the congress symbol by a patient in trance*. 15th International Conference of Hypnosis, Ludwig Maximilian University. Munich, Germany, 2000.
2. DE VOS HM, BROWN C. *Women and motherhood: perception and roles*. 8th International Conference of the South African Association of Marital and Family Therapy. Cape Town, South Africa, 2000.
3. DE VOS HM, SMITH HJ. *The effect of mental training on young male gymnasts*. 15th International Conference of Hypnosis, Ludwig Maximilian University. Munich, Germany, 2000.
4. DU TOIT PL, MÖLLER AT, STEIN DJ. *Early maladaptive schemas in obsessive-compulsive disorder*. International Congress of Cognitive Psychotherapy. Catania, Sicily, 2000.
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10. NORTJE C. *Cognitive-behavioural group therapy for social phobia: a comparison of treatment packages*. International Congress of Cognitive Psychotherapy. Catania, Sicily, 2000.
11. SPANGENBERG JJ, THERON JC. *Stress and coping in parents of children with Down's Syndrome*. 58th Annual Convention of the International Council of Psychologists. Padua, Italië, 2000.
12. SPANGENBERG JJ, VENTER MM. *Coping styles, life stress and depression in patients with chronic rheumatic disease*. 21st International Conference of the Stress and Anxiety Research Society. Bratislava, Slovakye, 2000.
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14. THERON WH, MATTHEE D, RAMINEZ JM. *Direct and indirect aggression in women: a comparison between South African and Spanish university students*. 15<sup>th</sup> International Colloquium on the Brain and Aggression. Miraflores, Spain, 2000.
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2. FAURE S, LOXTON H. *Anxiety, depression and self-efficacy in women undergoing first-trimester abortion*. 6th National Conference of the Psychological Society of South Africa. Johannesburg, 2000.
3. HENDERSON K, SPANGENBERG JJ. *Stress and coping amongst Black adolescents in the Western Cape*. 6th National Conference of the Psychological Society of South Africa. Johannesburg, 2000.
4. JANO R, NAIDOO AV. *An investigation into employee attitudes toward employee assistance programmes*. Society for Industrial Psychology Conference. Pretoria, 2000.
5. MARTALAS A, LOXTON H. *An exploratory study of the expressed fears of preschool children*. 6th National Conference of the Psychological Society of South Africa. Johannesburg, 2000.
6. MAY CE, NAIDOO AV. *Factors impeding the career development of women academics*. Society for Industrial Psychology Conference. Pretoria, 2000.
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9. NAIDOO AV. *Situating a wilderness training programme within a community partnership model: implementing a community psychology project in Jamestown*. Power of Adventure Conference. University of Stellenbosch, 2000.
10. NAIDOO AV, MAY CE. *Career correlates of women academics*. 6th Annual Conference of the Psychological Society of South Africa. Johannesburg, 2000.

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1. NAIDOO AV. *Community psychology: constructing community, reconstructing psychology in South Africa*. Inaugural lecture, 2000. University of Stellenbosch Printers, University of Stellenbosch. 16 pp.

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1. FAURE S, LOXTON H. *Submission to the hearings on the implementation of the choice on termination of pregnancy act, 1996*; Dept Sielkunde, US, 2000. 8 pp.

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1. LESCH E. *Female adolescent sexuality in a coloured community*. DPhil, 2000. 200 pp. Promotor: Dr L-M Kruger.
2. NORTJE C. *Kognitiewe terapie en blootstelling in die behandeling van sosiale fobie*. DPhil, 2000. 253 pp. Promotor: Prof AT Möller.

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1. ARENDSE R. *Sosiodramatiese spel: "n formaat vir geletterdheid?" binne Suid-Afrikaanse konteks*. MA, 2000. 58 pp. Studieleier: Prof TWB van der Westhüysen.
2. BOON M. *Die betroubaarheid en geldigheid van die "Paper and Pencil Games" vir 'n groep Xhosa-sprekende laerskoolleerlinge*. MA, 2000. 41 pp. Studieleier: Mnr HR Steel.
3. BOTHA JAJ. *Die effek van 'n sielkundige inoefeningsprogram op die setwerk van top gholfspelers in toernooigholf*. MA, 2000. 44 pp. Studieleier: Mnr HM de Vos.
4. BRAXTON WTF. *'n Vergelyking tussen die prestasie motiveringsvlakke van verskillende rasse- en geslagsgroepe*. MA, 2000. 149 pp. Studieleier: Dr JC Meyer.
5. BREMRIDGE C. *Constructions of male adolescent sexuality: An exploratory study in a rural coloured community*. MA, 2000. 220 pp. Studieleier: Dr E Lesch.
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27. VAN ZYL M. *Die korttermyn effek van 'n lewensvaardigheidsprogram op die selfkonsep en lokus van kontrole van jeugdige gevangenes in die Allandale-gevangenis*. MA, 2000. 55 pp. Studieleier: Mnr HM de Vos.
28. WICKENS L. *Gesinskoherensie en die benutting van bronne deur eerstejaarstudente*. MA, 2000. 70 pp. Studieleier: Dr AP Greeff.

### **Doktoraal lopend/Doctoral current**

1. CONRADIE WS. *Designing a competency profile for the development trainer as an outdoor leader in adventure programming in South Africa*. DPhil Promotor: Prof TWB van der Westhuysen.
2. DE WET C. *Die verband tussen kontinuïteit 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. LOXTON H. *Expressed fears and coping mechanisms of a selected group of preschool children*. DPhil Promotor: Prof TWB van der Westhuysen.
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. POSTHUMUS T. *Kognitiewe terapie en hipnose in die behandeling van sosiale fobie*. DPhil Promotor: Prof AT Möller.
7. THERON JC. *Exposure in the treatment of post-traumatic stress disorder*. DPhil Promotor: Prof AT Möller.
8. VAN DER WESTHUIZEN Le R. *Significant others and the activation of interpersonal scripts*. DPhil Promotor: Prof AT Möller.

### **Magister lopend/Master's current**

1. BEAMS JB. *A comparison of social phobia outcome measures in cognitive-behavioral group therapy*. MA Studieleier: Dr C Nortje.
2. BEIROWSKI K. *Cultural influences on attitudes towards aggression: a comparison of South African, Spanish and Japanese students*. MA Studieleier: Me WH Theron.
3. BOTHA G. *Die sosiale en emosionele aanpassing van 'n minderheidsgroep swart leerlinge aan 'n bruin skool*. MA Studieleier: Dr E Lesch.
4. BURKHARDT KE. *A cross-cultural study examining the content, number and level of expressed fears of a selected group of children between 10 and 12 years of age*. MA Studieleier: Me H Loxton.

5. CAMERON L. *The psychological impact of abortion on health care professionals*. MA Studieleier: Dr JJ Spangenberg.
6. COETZEE M. *Mental adjustment and quality of life in people with HIV disease*. MA Studieleier: Dr JJ Spangenberg.
7. CORBY L. *Do beliefs about aggression predict reported levels of aggressive behaviour?* MA Studieleier: Me WH Theron.
8. DE VILLIERS E. *AIDS and low-income women in the Winelands region*. MA Studieleier: Dr L-M Kruger.
9. DIPPENAAR H. *Dietary supplementation with eicosapentanoic acid in patients with schizophrenia: neuropsychological evaluation of cognitive functioning*. MA Studieleier: Dr JJ Spangenberg.
10. DRUIFF PA. *Vicarious trauma and coping strategies in trauma workers in the Western Cape*. MA Studieleier: Dr JJ Spangenberg.
11. DUNN M. *The validity of the Developmental Test of Visual-Motor Integration in a multicultural South African context*. MA Studieleier: Me H Loxton.
12. ELBERS D. *Implicit association task as measure of threat-related information processing in social phobia and panic disorder*. MA Studieleiers: Prof TWB van der Westhuysen en mnr W du Toit.
13. ESTERHUYSE EA. *Self-effektiwiteit as voorspeller van vigs-voorkomende gedrag by 'n groep hoërskoolleerlinge*. MA Studieleier: Me WH Theron.
14. FERRETT H. *The relationship between death attitude, death anxiety and burnout in nurses*. MA Studieleier: Dr J Wait.
15. FÖLSCHER M. *'n Opleidingshandleiding vir vrywillige krisiswerkers van die "Helderberg Child Abuse Centre"*. MA Studieleier: Me H Loxton.
16. FOURIE R. *Selfagting en lokus van kontrole as voorspellers van kontrole*. MA Studieleier: Mnr HR Steel.
17. GREEFF LM. *Die ontwerp van 'n seksualiteits-psigo-opleidingsprogram vir universiteitstudente*. MSc Studieleier: Dr E Lesch.
18. HERBERT P. *'n Verkennende ondersoek na die selfkonsep van leerders met spesiale onderwysbehoefte*. MA Studieleier: Dr JC Meyer.
19. JORDAAN I. *Die verband tussen stres, streshantering en die uitbrandingsindroom in Suid-Afrikaanse professionele sielkundiges*. MA Studieleier: Dr JJ Spangenberg.
20. KELLER S. *An exploratory study of the expressed fears of a selected group of preprimary children in a low socio-economic status area*. MA Studieleier: Me H Loxton.
21. KIELBLOCK M. *Die invloed van persoongesentreerde ontmoetingsgroepe op die betekenis soeke van 'n groep eerstejaarstudente*. MA Studieleier: Mnr HM de Vos.
22. MALAN C. *The relationship between emotional intelligence, androgyny and self-concept*. MA Studieleier: Dr JJ Spangenberg.
23. MATTHEE D. *The psychological meaning of eating and meals*. MA Studieleier: Dr L-M Kruger.
24. MÖLLER N. *Cross-cultural evidence of female indirect aggression*. MA Studieleier: Me WH Theron.
25. NORTJE N. *Older adults' views on euthanasia*. MA Studieleier: Mnr HM de Vos.
26. PIETERSEN M. *The prevalence and consequences of exposure to violence among youths in the Macassar community*. MA Studieleier: Dr C Nortje.
27. PRETORIUS CW. *An exposé of the contributing role of circumstantial factors in fuelling family violence in a black township*. MA Studieleier: Dr S Shuda.
28. PRETORIUS N. *Aspects of parenting styles and the expressed fears of a selected group of preschool children in a low socio-economic status area*. MA Studieleier: Me H Loxton.
29. REINECKE CR. *The alignment of Gregorc's mind styles and some categories of psychologists in South Africa*. MA Studieleier: Prof TWB van der Westhuysen.
30. SAUERMAN J. *Depressie, angs en hanteringsvaardighede by Xhosa-sprekende kankerpatiënte*. MA Studieleier: Dr C Nortje.
31. SERFONTEIN A. *South African students' recall of childhood fears and coping strategies*. MA Studieleier: Me H Loxton.

32. SMITH HJ. *The effect of mental training on young male gymnasts*. MSc Studieleier: Mnr HM de Vos.
33. 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.
34. SOMHLABA N. *Stress and coping in recently bereaved rural black South African women*. MA Studieleier: Dr JJ Spangenberg.
35. STORM W. *Die verband tussen aggressie en sosiale vaardighede*. MA Studieleier: Me WH Theron.
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 HM. *Die effektiwiteit van 'n program vir die behandeling van 9- tot 12-jarige kinders met posttraumatische stresversteuring*. MA Studieleier: Dr JJ Spangenberg.
40. VAN NIEKERK DME. *Die effek van leesverbetering op skoolprestasie*. MA Studieleier: Dr JC Meyer.
41. VAN RENSBURG E. *Internet as a relationship tool: Self-disclosure and intimacy in on-line relationships*. MA Studieleier: Me WH Theron.
42. VAN WYK B. *Constructions of gang membership: A case study of school-going gang members*. MA Studieleier: Me WH Theron.
43. WEST H. *'n Vergelyking van adolessente seksuele gedrag in 'n landelike Bruin en Swart gemeenskap*. MA Studieleier: Dr E Lesch.
44. WIUM J. *'n Standaardisering – Ondersoek na die MB10 op graad sewe leerders in die Wes-Kaap Provinsie*. MA Studieleier: Dr JC Meyer.

## SOSIOLOGIE / SOCIOLOGY

### Tydskrifartikels/Journal articles

1. BEKKER SB, LEILDE A, CORNELISSEN S, HORTSMEIER S. The emergence of new identities in the Western Cape. *Politikon* 2000; **27**(2): 221-237.
2. GROENEWALD CJ. Social transformation. Between globalization and localization. *Scriptura* 2000; **27**: 17-29.
3. KRITZINGER AS, MAGAQA VLL. Deinstitutionalising the mentally ill in rural areas: a South African case study of the official caregiver. *Social Work/Maatskaplike Werk* 2000; **36**(3): 296-309.
4. VAN ASWEGEN WF. Controlling crime: a comparison of the policies of South African political parties. *Society in Transition* 2000; **31**(2): 126-143.
5. VAN ASWEGEN WF. The South African National Crime Prevention Strategy: overview and contextual analysis. *Social Work/Maatskaplike Werk* 2000; **36**(2): 141-149.

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1. BEKKER SB. *Translating demographic research on HIV/Aids into sub-national strategies and programmes*. Proceedings of the combined DEMSA/National Population Unit Conference on the Demographic Impact of HIV/AIDS in South Africa and its Provinces. Durban, South Africa, 2000: 8 pp.

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1. BEKKER SB. *Gender issues in demography*. International Sociological Association Research Committee 41, Sociology of Population. Madrid, Spain, 2000.

2. BEKKER SB. *Sustainability and its measurement*. International Symposium on the Critical challenges in the new millenium: Sustainable social development. PU for CHE, 2000.
3. BEKKER SB, KRITZINGER AS. *Gender, household and inequality in South Africa: a Western Cape case study*. International Sociological Association Research Committee 41: Sociology of Population – Gender issues in demography. Madrid, Spain, 2000.
4. EWERT JW. *Every man for himself: South African wine farmers, workers and co-operatives in the face of globalisation*. Xth World Congress of the International Rural Sociology Association (IRS). Rio de Janeiro, Brazil, 2000.
5. GROENEWALD CJ. *Learning from within. A reverse perspective of development: the case of Africa*. World Congress of the System Sciences. Toronto, Canada, 2000.
6. KRITZINGER AS. *Teenage girls on South African farms: perceptions and experiences of farm life and future expectations*. Xth World Congress of the International Rural Sociology Association (IRS). Rio de Janeiro, Brazil, 2000.
7. KRITZINGER AS, MAGAGA VLL. *De-institutionalising the mentally ill in rural areas: a South African case study of the official caregiver*. Xth World Congress of the International Rural Sociology Association (IRS). Rio de Janeiro, Brazil, 2000.
8. ROSSOUW HM. *Operationalising developmental social welfare in South Africa: experiences from the field*. The 29th ICSW International Conference on Social Welfare: Poverty, Social Welfare and Social Development: Challenges for the 21st Century. Kaapstad, Suid-Afrika, 2000.
9. SHARP JS. *Opportunities and constraints: anthropological studies in post-apartheid Cape Town*. Jaarkongres van die Vereniging vir Antropologie in Suider-Afrika. Windhoek, Namibia, 2000.
10. VORSTER JH. *Getting social security into GEAR: reflections on welfare reform in South Africa*. International Social Security Association The Year 2000 International Research Conference on Social Security: Social security in the global village. Helsinki, Finland, 2000.
11. VORSTER JH. *Social assistance to poor children: reflections on welfare reform in South Africa*. The 29th ICSW International Conference on Social Welfare: Poverty, Social Welfare and Social Development: Challenges for the 21st Century. Kaapstad Suid-Afrika, 2000.

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1. BEKKER SB. *Internal migration and infrastructural provision: challenges to inter-provincial spatial planning in South Africa*. Challenges for Integrated Regional Development Symposium. Port Elizabeth, 2000.
2. GROENEWALD CJ. *Northern Cape – The demographic impact of HIV/AIDS*. Joint Population Conference on the Demographic Impact of HIV/AIDS in South Africa and its Provinces. Port Elizabeth, 2000.
3. GROENEWALD CJ. *Uitdagings vir die sosiale wetenskappe in die 21ste eeu: perspektiewe vanuit die sosiologie*. Kongres van die Suid-Afrikaanse Akademie vir Wetenskap en Kuns. Bloemfontein, 2000.
4. GROENEWALD CJ, AFRICA ME. *A career opportunity programme for youth in the agricultural sector*. South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.
5. KRITZINGER AS. *Rural youth and risk society: future perceptions and life chances of teenage girls on farms*. South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.
6. VAN ASWEGEN WF. *Alcohol on campus: some issues*. South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.

### Navorsingsverslae/Research reports

1. DEPT SOSIOLOGIE. *Proceedings of a Graduate Workshop on Internal Migration*. Occasional Paper No 11, Dept of Sociology, US, 2000. 69 pp.



2. JACOBS J, BEKKER S, BAM J. Investigating high school curricula regarding land reform and associated environmental issues: Grade 9 as a Cape Town pilot study. Occasional paper No 10, Dept of Sociology, US, 2000. 13 pp.
3. VORSTER JH, ROSSOUW HM, MULLER GJ. *Phasing out the State Maintenance Grant within the context of Developmental Social Welfare*. Dept van Sosiale Ontwikkeling (voorheen Welsyn), 2000. 250 pp.
4. VORSTER JH, ROSSOUW HM, MULLER GJ. *Social security for children: an investigation into the Child Support Grant and the State Maintenance Grant*. Dept van Sosiale Ontwikkeling (voorheen Welsyn), 2000. 120 pp.

### **Doktoraal afgehandel/Doctoral completed**

1. ALBERTYN RM. *Conceptualization and measurement of the empowerment of workers: an educational perspective*. PhD, 2000. 488 pp. Promotor/medepromotor: Prof CA Kapp/prof CJ Groenewald.
2. STELLENBERG EL. *An investigation into the factors influencing the health status of the Coloured people of the Western Cape in an urban setting*. DCur, 2000. 382 pp. Promotor/medepromotor: Prof EB Welmann/prof CJ Groenewald.

### **Magister afgehandel/Master's completed**

1. CONRADIE L. *Community@cyberspace.com: an ethnography of community and commerce on the internet*. MPhil, 2000. 127 pp. Studieleier: Prof JS Sharp.
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3. ESTERHUIZEN L. *On method and madness: ambivalence and contingency in social research*. MPhil, 2000. 140 pp. Studieleiers: Prof J Mouton en prof R Lee.
4. MONI VN. *Information needs and assessment in South African parliamentary committees*. MPhil, 2000. 55 pp. Studieleier: Prof J Mouton.
5. MOSIA MD. *The use of secondary data in the study of living arrangements of households in the New South Africa: a case of the October Household Survey 1996 (OHS): Western Cape Province*. MPhil, 2000. 98 pp. Studieleier: Prof J Mouton.
6. OLALEYA O. *Factors underlying international migration: a case study of African immigrants in Cape Town*. MPhil, 2000. 173 pp. Studieleiers: Mnr JH Vorster en dr AS Kritzinger.
7. SELOANE LC. *Monitoring the implementation of socio-economic rights in South Africa: a sociological analysis*. MPhil, 2000. 185 pp. Studieleier: Prof J Mouton.
8. SMITH AR. *Democratic transition in South Africa: a case study of the public participation in development planning on local authority level in the West Coast Region*. MPhil, 2000. 93 pp. Studieleier: Prof CJ Groenewald.
9. VAN ZYL DJR. *The implementation of adult basic education and training programmes in industry: a case study of the Grindrod Group*. MA, 2000. 110 pp. Studieleier: Dr AS Kritzinger.

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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.
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3. BAM JC. *Learners' attitudes to history: the current relevance of populist history in Cape Town*. DPhil Promotor/medepromotor: Prof S Bekker/dr Y Waghid.
4. BOSHOFF SC. *University research collaboration: the case of medical research in South Africa*. DPhil Promotor/medepromotor: Prof J Mouton/prof CJ Groenewald.
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10. DU PLESSIS JJM. *A case management programme for organisations in the Western Cape rendering services to people with AIDS*. DPhil Promotor: Prof CJ Groenewald.
11. ERASMUS AW. *Research at South African technikons: conceptions, current practices and critical success factors*. DPhil Promotor: Prof J Mouton.
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14. GUMBI TAP. *Empowerment through capacity building: a key to rural development in KwaZulu-Natal*. DPhil Promotor/medepromotor: Prof SB Bekker/prof CJ Groenewald.
15. HAMMAN JN. *The social and economic impact of land reform policies and initiatives on rural household in the Western Cape*. DPhil Promotor/medepromotor: Prof S Bekker/dr JW Ewert.
16. HEAP M. *Deaf culture and identity: a social anthropological perspective in Cape Town*. DPhil Promotor: Prof J Sharp.
17. KUTAME AP. *Methodology of studying sensitive issues in education in the Northern Province of South Africa*. DPhil Promotor/medepromotor: Prof J Mouton/prof P Engelbrecht.
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19. MAVHUNGU KN. *Witchcraft and modernity: a comparative study in South Africa and Cameroon*. DPhil Promotor: Prof J Sharp.
20. MFONO ZN. *An analysis of emerging patterns of reproductive behaviour among rural women in the Victoria East district of the Eastern Cape province*. DPhil Promotor: Prof CJ Groenewald.
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22. MORTON LP. *The relevance of Inglehart's theory to understanding value change in SA*. DPhil Promotor/medepromotor: Prof J Mouton/prof HJ Kotze.
23. MULLER N. *A cross-literacy sensory study of South African food products using external and internal preference mapping*. PhD Promotor/medepromotor: Prof H Heymann/prof CJ Groenewald.
24. NOBLE HR. *Integrated rural development as structural element of the sustainable development paradigm with specific reference to the Western Cape*. DPhil Promotor: Prof CJ Groenewald.
25. RAUTENBACH EA. *'n Ondersoek na die konteks van huweliksgeweld*. DPhil Promotor: Prof CJ Groenewald.
26. RAVAT EB. *A scientometric study of South African publications in Community Psychology between 1983 and 1998*. DPhil Promotor/medepromotor: Prof J Mouton/prof TWB van der Westhuýzen.
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31. VAN WYK AC. *Work ethic of distance higher education learners at Technikon SA: the influence of work ethic on learner success*. DPhil Promotor: Prof CJ Groenewald.
32. 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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6. BRITZ AA. *Recent migration (after 1985) from the Eastern Cape into the Cape Metropolitan Area (CMA)*. MA Studieleier: Prof SB Bekker.
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8. CAFFIN GMH. *An empirical analysis of the 1995 World Values Survey data set*. MA Studieleier: Prof J Mouton.
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29. LIEBENBERG L. *Visual methods as qualitative research method (in South Africa)*. MPhil Studieleier/medestudieleier: Prof J Mouton/prof AG Smit.
30. LOSCH AP. *"Home at last": Die storie van Freedom Park en sy inwoners*. MPhil Studieleier: Prof JS Sharp.
31. MABOTJA MS. *Urban development in Pietersburg after apartheid: A post-apartheid spatial formation*. MPhil Studieleier: Prof S Bekker.
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47. MOHOTO ST. *Strict upbringing and its influence on social values: a secondary analysis of the World Values Survey*. MPhil Studieleier/medestudieleier: Prof CJ Groenewald/prof J Mouton.

48. MOKONE MB. *Policy for science: institutions, problems and legitimations*. MPhil Studieleier: Prof J Mouton.
49. MONGWE R. *Marconi Beam to Jo Slovo Park: negotiating space for the urban poor*. MPhil Studieleier: Prof J Sharp.
50. MOOS AV. *Movement into and out of an informal settlement in Cape Town*. MPhil Studieleier: Prof J Sharp.
51. MPETSHENI YD. *Comparing qualitative and quantitative approaches in conducting a needs assessment study*. MPhil Studieleier: Prof J Mouton.
52. MYBURGH FO. *Differential utilisation of public transport in the Cape Metropolitan Area: a secondary data analysis*. MPhil Studieleier: Prof SB Bekker.
53. OOSTHUIZEN MJ. *Quality assessment of SA universities*. MPhil Studieleier: Prof J Mouton.
54. RAPHOLO JG. *Evaluating a life-skills programme and its impact on students' sexual knowledge, attitudes and practices in the Western Cape*. MPhil Studieleier/medestudieleier: Prof J Mouton/prof CJ Groenewald.
55. ROOPA S. *The structural and systemic changes necessary to make the North West Provincial Administration more effective and efficient*. MPhil Studieleier: Prof CJ Groenewald.
56. ROSSOUW HM. *The utilisation of land in sustaining livelihoods: a study of rural communities in the Western Cape Province*. MA Studieleier: Prof CJ Groenewald.
57. SAAYMAN LL. *A survey study of residents' support of a second household in the Cape Metropolitan Area (CMA)*. MPhil Studieleier: Prof S Bekker.
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61. SMART A. *PAR as methodology for change in an institution: improving research output at Vista University, Welkom Campus*. MPhil Studieleier: Prof J Mouton.
62. SNYDERS H. *"Die strewende na korrektiewe uitnemendheid": die gevangenis as 'n lerende organisasie – 'n gevalle studie*. MPhil Studieleier/medestudieleier: Prof J Mouton/ prof P Nel.
63. SODI EE. *Reflections on the experiences of teenage motherhood*. MPhil Studieleier: Prof J Mouton.
64. VAN ASWEGEN WF. *Die gebruik van afhanklikheidsvormende middels onder 'n geselekteerde groep hoërskoolleerlinge in die Stellenbosch-area*. MA Studieleier: Dr AS Kritzinger.
65. WILDSCHUT LP. *Educational evaluation: a case study of POLP*. MPhil Studieleier: Prof J Mouton.
66. WILLIAMS MB. *The development of a science and technology policy for Lesotho*. MPhil Studieleier: Prof J Mouton.
67. XABENDLINI NR. *Identity from below: a case study in the Western Cape*. MPhil Studieleier: Prof SB Bekker.

<b>SENTRUM VIR INTERDISCIPLINÊRE STUDIE / CENTRE FOR INTERDISCIPLINARY STUDIES</b>
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### **Tydskrifartikels/Journal articles**

1. CRAIG AP. Time and learning. *South African Journal of Psychology* 2000; **30**(4): 6-16.
2. MOUTON J. Patterns of research collaboration in academic science in South Africa. *SA Journal of Science* 2000; **96**(9 & 10): 458-462.

## Referate internasionaal/Papers international

1. CRAIG AP. *Saving the phenomena: ordinary descriptions and scientific explanations*. 26th International Meeting of the Annual Philosophy of Science Conference. Drubovnik, Croatia, 2000.

## Hoofstukke in boeke/Chapters in books

1. MOUTON J. *The thousand schools project: evaluating a whole school development initiative*. In: Donald D, Louw J, (eds.). *Addressing Childhood Adversity*. David Philip, Cape Town, 2000: 131-153.

## Navorsingsverslag/Research report

1. MOUTON J, BOSHOFF SC. *Science in transition interim report: South Africa*. Centre for Interdisciplinary Studies, US, 2000. 89 pp.

## Magister afgehandel/Master's completed

1. ESTERHUIZEN L. *On method and madness: ambivalence and contingency in social research*. MPhil cum laude, 2000. 200 pp. Studieleier/medestudieleier: Prof J Mouton/prof R Lee.
2. SELEOANE LC. *The implementation of socio-economic right in South Africa – a meta-analysis*. MPhil cum laude, 2000. 180 pp. Studieleier: Prof J Mouton.

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1. ABRAHAMS MA. *Assessing community development in SA: a case study in theory-driven evaluation*. DPhil Promotor/medepromotor: Prof CJ Groenewald/prof J Mouton.
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10. GUMBI T. *An assessment of the extent of empowerment through community participation: a KwaZulu-Natal rural development comparison*. DPhil Promotor/medepromotor: Prof SB Bekker/prof CJ Groenewald.
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## **SENTRUM VIR KONTEKSTUELE HERMENEUTIEK / CENTRE FOR CONTEXTUAL HERMENEUTICS**

### **Referate nasionaal/Papers national**

1. KINGHORN J, MAASDORP CH. *From knowledge assets to intelligent action: introducing the Southern African Company Intelligence Monitor*. 44th Annual Convention and Exhibition of The Institute of People Management. Sandton Convention Centre, 2000.

## **SENTRUM VIR TEATERNAVORSING / CENTRE FOR THEATRE RESEARCH**

### **Tydskrifartikels/Journal articles**

1. HAUPTFLEISCH T. In defense of theatre research. An audit revisited. *South African Theatre Journal* 2000; **14**: 8-17.
2. NEETHLING M. To fund or not to fund: Standard Bank National Arts Festival, Grahamstown 10 June – 9 July 2000. *South African Theatre Journal* 2000; **14**: 202-217.

### **Referate internasionaal/Papers international**

1. HAUPTFLEISCH T. *Eventification: utilizing the theatrical system to frame the event*. Working Group on Theatrical Event. Annual Congress of the International Federation for Theatre Research. Lyon, Frankryk, 2000.

### **Referate nasionaal/Papers national**

1. HAUPTFLEISCH T. *A research audit revisited*. Annual Congress of the South African Society for Theatre Research. University of Pretoria, Pretoria, 2000.

**FAKULTEIT  
NATUURWETENSCHAPPE**

**FACULTY OF SCIENCE**



<b>BIOCHEMIE / BIOCHEMISTRY</b>
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**Tydskrifartikels/Journal articles**

1. BALLA E, DICKS LMT, DU TOIT M, VAN DER MERWE MJ, HOLZAPPEL WH. Characterization and cloning of the genes encoding Enterocin1071A and Enterocin 1071B, two antimicrobial peptides produced by *Enterococcus faecalis* BFE 1071. *Applied and Environmental Microbiology* 2000; 1298-1304.
2. BLIGNAUT A, BURGER WP, MORLEY AJ, BELLSTEDT DU. Antibody responses to La Sota strain vaccines of Newcastle disease virus in ostriches (*Struthio camelus*) as detected by ELISA. *Avian Diseases* 2000; **44**: 390-398.
3. BREDEKAMP MW, SPIES HSC, VAN DER MERWE MJ. Structure elucidation of the dibutylchlorostannyl intermediate during dibutyltin oxide-mediated acylation of sugars. *Tetrahedron Letters* 2000; **41**: 547-550.
4. DU TOIT EA, RAUTENBACH M. A sensitive standardised micro-gel well diffusion assay for the determination of antimicrobial activity. *Journal of Microbiological Methods* 2000; **42**: 159-165.
5. ENGELBRECHT Y, HERSELMAN M, LOUW A, SWART P. Investigation of the primary cause of hypoadrenocorticism in the South African Angora goat (*Capra aegagrus*): a comparison to the Boer goat (*Capra hircus*) and Merino sheep (*Ovis arues*). *Journal of Animal Science* 2000; **78**: 371-379.
6. ENGELBRECHT Y, SWART P. Adrenal function in the Angora goat: a comparative study of adrenal steroidogenesis in the Angora goat, Boer goat, and Merino sheep. *Journal of Animal Science* 2000; **78**: 1036-1046.
7. GROENEWALD M, BELLSTEDT DU, CROUS PW. A PCR-based method for the detection of *Phaemoniella clamydospora* in grapevines. *South African Journal of Science* 2000; **96**: 43-46.
8. HAPGOOD JP, RIEDEMANN J, SCHERER SD. Regulation of gene expression by CG-rich DNA cis-elements. *Cell Biology International* 2000; **24**: 17-31.
9. HILLMAN JD, BROOKS TA, MICHALEK SM, HARMON CC, SNOEP JL, VAN DER WEIJDEN CC. Construction and characterization of an effector strain of *Streptococcus mutans* for replacement therapy of dental caries. *Infection and Immunity* 2000; **68**: 543-549.
10. HOFMEYR J-HS, CORNISH-BOWDEN A. Regulating the cellular economy of supply and demand. *FEBS Letters* 2000; **467**: 47-51.
11. LOUW A, ALLIE F, DENNER K, SWART P. Inhibition of cytochrome P450c11 by an aziridine precursor, 2-(4-acetoxyphenyl)-2-chloro-N-methyl-ethylammonium chloride. *Journal of Endocrinology* 2000; **164**(Supplement): 285.
12. LOUW A, ALLIE F, SWART AC, SWART P. Inhibition of Cytochrome P450c11 by biogenic amines and an aziridine precursor, 2-(4-acetoxyphenyl)-2-chloro-n-methyl-ethylammonium chloride. *Endocrine Research* 2000; **24**: 729-736.
13. LOUW A, SWART P, ALLIE F. Influence of an aziridine precursor on the *in vitro* binding parameters of rat and ovine corticosteroid-binding globulin (CBG). *Biochemical Pharmacology* 2000; **59**: 167-175.
14. MAARTENS A, SWART P, JACOBS EP. Membrane pretreatment: a method to reduce fouling by natural organic matter. *Journal of Colloid and Interface Science* 2000; **221**: 137-142.
1. RAUTENBACH M, HASTINGS JW. Cationic peptides with antimicrobial activity – The new generation of antibiotics? *CHIMICA OGGI/Chemistry Today* 1999; **Nov/Dec**: 81-89.
2. RAUTENBACH M, SWART P, VAN DER MERWE MJ. The interaction of analogues of the antimicrobial lipopeptide, iturin A<sub>2</sub>, with alkali metal ions. *Bio-organic and Medicinal Chemistry* 2000; **8**: 2539-2548.
3. ROHWER JM, MEADOW ND, ROSEMAN S, WESTERHOFF HV, POSTMA PW. Understanding glucose transport by the bacterial phosphoenolpyruvate : glyucose phospho-

- transferase system on the basis of kinetic measurements *in vitro*. *Journal of Biological Chemistry* 2000; **275**: 34909-34921.
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  5. SNOEP JL, VAN DER WEIJDEN CC, ANDERSEN HW, WESTERHOFF HV, JENSEN PR. Quantifying the importance of regulatory loops in homeostatic control mechanisms: hierarchical control of DNA supercoiling. *Technological and Medical Implications of Metabolic Control Analysis* 2000; **74**: 67-72.
  6. SWART AC, BROWN N, KOLAR NW, SWART P. Baboon Cytochrome P450c11 is encoded by more than one gene. *Endocrine Research* 2000; **26**(4): 1011-1018.
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  8. TROSKIE BE, HAPGOOD JP, MILLAR RP, ILLING N. Complementary deoxyribonucleic acid cloning, gene expression, and ligand selectivity of a novel gonadotropin-releasing hormone receptor expressed in the pituitary and midbrain of *Xenopus laevis*. *Endocrinology* 2000; **141**(5): 1764-1771.
  9. WARD DE, VAN DER WEIJDEN CC, VAN DER MERWE MJ, WESTERHOFF HV, CLAIBORNE A, SNOEP JL. Branched-chain alpha-keto acid catabolism via the gene products of the *bkd* operon in *Enterococcus faecalis*: a new secreted metabolite serving as a temporary redox sink. *Journal of Bacteriology* 2000; **182**: 3239-3246.
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  11. YANIC C, BREDEKAMP MW, JACOBS EP, SPIES HSC, SWART P. NMR spectroscopy as basis for characterization of Pluronic® F108 and its derivatives. *Journal of Applied Polymer Science* 2000; **78**: 109-117.

### Verrigtinge internationaal/Proceedings international

1. DE LA FUENTE VAN BENTEM A, MENDES P, WESTERHOFF HV, SNOEP JL. *Can metabolic control analysis be applied to hierarchical regulated metabolism? MCA versus HCA*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 191-198.
2. HOEFNAGEL MHN, HUGENHOLTZ J, WESTERHOFF HV, SNOEP JL. *Modelling pyruvate distribution in Lactococcus lactis: a kinetic model to support metabolic engineering strategies*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 243-247.
3. HOFMEYR J-HS. *Control and regulation analysis of metabolic networks*. Annual Fall Meeting of the Biomedical Engineering Society. Seattle, Washington, USA, 2000; *Annals of Biomedical Engineering* 2000; **28**(Supplement 1): (T9.16) S-103.
4. HOFMEYR J-HS, CORNISH-BOWDEN A. *Making sense of the cellular economy and its regulation: a framework for biotechnological manipulation*. 18th International Congress of Biochemistry and Molecular Biology. Birmingham, UK, 2000; *Abstract Book* 2000; (230): 94.
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6. HOFMEYR J-HS, OLIVIER BG, ROHWER JM. *Putting the cart before the horse: designing a metabolic system in order to understand it*. NATO Advanced Research Workshop on Technological and Medical Implications of Metabolic Control Analysis. Visegrad, Hungary, 2000; *Technological and Medical Implications of Metabolic Control Analysis, NATO Science Series* 2000; **74**: 299-308.
7. LOUW A, ALLIE F, DENNER K, SWART P. *Inhibition of cytochrome P450c11 by an aziridine precursor, 2-(4-acetoxyphenyl)-2-chloro-N-methyl-ethylammonium chloride*. The

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8. REIJENGA KA, SNOEP JL, WESTERHOFF HV. *Control of metabolic dynamics: how the frequency of glycolytic oscillations in Saccharomyces cerevisiae is controlled by glucose transport*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 49-54.
  9. ROHWER J. *Structural analysis and kinetic modeling of metabolic networks*. Annual Fall Meeting of the Biomedical Engineering Society. Seattle, Washington, USA, 2000; *Annals of Biomedical Engineering* 2000; **28**(Supplement 1): (T9.17) S-103.
  10. ROHWER JM, HOFMEYR J-HS. *An integrated approach to the analysis of the control and regulation of cellular systems*. NATO Advanced Research Workshop on Technological and Medical Implications of Metabolic Control Analysis. Visegrad, Hungary, 2000; *Technological and Medical Implications of Metabolic Control Analysis, NATO Science Series* 2000; **74**: 73-79.
  11. ROHWER JM, HOORNEMAN M, HOFMEYR J-HS, SNOEP JL. *Assessing the control of fermentative free-energy metabolism in yeast: a modelling exploration*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 213-219.
  12. ROHWER JM, OLIVIER BG, HOFMEYR J-HS. *Moiety conservation and flux enhancement*. NATO Advanced Research Workshop on Technological and Medical Implications of Metabolic Control Analysis. Visegrad, Hungary, 2000; *Technological and Medical Implications of Metabolic Control Analysis, NATO Science Series* 2000; **74**: 27-32.
  13. SNOEP JL, VAN DER WEIJDEN CC, ANDERSEN HW, WESTERHOFF HV, JENSEN PR. *Hierarchical control of DNA supercoiling in Escherichia coli: how to study homeostatically controlled systems using control analysis*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 181-187.
  14. SWART AC, FENHALLS G, KOLAR NW, SWART P. *Cape baboon cytochrome P450c17: enzymatic properties and in situ localisation*. 82nd Annual Meeting of the Endocrine Society. Toronto, Canada, 2000: 372.
  15. WESTERHOFF HV, REIJENGA KA, SNOEP JL, KHOLODENKO BN, TER KUILE BH. *A new millennium: functional genomics, cellular bioinformatics, regulation analysis*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000; *Animating the Cellular Map* 2000: 1-8.

### Referate internationaal/Papers international

1. BELLSTEDT DU, LINDER HP, HARLEY EH. *Phylogenetic relationships in the Disinae based on non-coding trnL-trnF chloroplast sequences: evidence of numerous repeat regions*. 50th AETFAT Meeting (Association for the study of the Taxonomy of Tropical African Plants). Brussels, Belgium, 2000.
2. DE LA FUENTE VAN BENTEM A, MENDES P, WESTERHOFF HV, SNOEP JL. *Can metabolic control analysis be applied to hierarchical regulated metabolism? MCA versus HCA*. 9th International Meeting on BioThermoKinetics. Stellenbosch, 2000.
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  12. SWART AC, BROWN N, KOLAR N, FENHALLS G, STEVENS L, HAMPF M, SWART P. *Cloning, expression and localisation of two functional genes encoding baboon cytochrome P450c11*. The IX Adrenal Cortex Conference, University of St Michael's College, University of Toronto. Toronto, Canada, 2000.
  13. SWART AC, FENHALLS G, KOLAR NW, SWART P. *Cape baboon cytochrome P450c17: enzymatic properties and in situ localisation*. 82nd Annual Meeting of the Endocrine Society. Toronto, Canada, 2000.
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  15. VAN DER MERWE A, MARAIS EM, HARLEY EH, BELLSTEDT DU. *Phylogenetic relationships in the minor genera of the Hyacinthaceae based on non-coding trnL-trnF chloroplast sequences*. 50th AETFAT Meeting (Association for the study of the taxonomy of tropical African Plants). Brussels, Belgium, 2000.
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17. YANIC C, BREDEKAMP M, JACOBS EP, SWART P. *Membrane-based affinity matrices for the isolation of value added products from biological effluents. Dollars or dreams?* 21st Century International Symposium on Membrane Technology & Environmental Protection. Beijing, Republic of China, 2000.

### Referate nasional/Papers national

1. ADAMS J, APRIL JL, ALLIE F, TITUS CR, HULLEY PA, LOUW A, HAPGOOD JP. *Interaction with the glucocorticoid receptor and regulation of gene expression by compound A, an analogue of a plant contraceptive, and medroxyprogesterone acetate, an established contraceptive.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
2. ALLIE F, LOUW A, HAPGOOD JP. *The effect of a putative and an established contraceptive on protein and mRNA levels of steroid binding globulins in HepG2 cells.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
3. ALLIE Z, SWART P, MAARTENS A, JACOBS EP. *Nonionic surfactants as pre-treatment agents for ultrafiltration membranes fouled in abattoir effluent.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
4. APPEL M, MANSVELT EL, BELLSTEDT DU. *Identification of genes involved in the interaction between Pseudomonas syringae pv. syringae and plum trees using differential display.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
5. APRIL JL, LOUW A, ALLIE F, VAN DER MERWE MJ, HAPGOOD JP. *Effect of contraceptives on binding to the rat glucocorticoid receptor.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
6. BALLA E, DICKS, MT, DU TOIT M, VAN DER MERWE MJ. *Characterization and cloning of the genes encoding enterocin 1071A and enterocin 1071B. Two antimicrobial peptides produced by Enterococcus faecalis BFE 1017.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
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8. BLIGNAUT A, BURGER WP, MORLEY AJ, BELLSTEDT DU. *Transfer of maternal antibodies from ostrich hen to chick.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
9. BLIGNAUT A, MORLEY AJ, BURGER WP, HARLEY EH, BELLSTEDT DU. *Phylogenetic relationships of ostrich mycoplasmas based on 16S rRNA sequences.* Second Conference of the South African Society for Systematic Biology. Mtunzini, 2000.
10. BROWN N, SWART P, FENHALLS G, SWART AC. *Characterization of Cape Baboon cytochrome P450c11.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
11. DE ASCENSAO A, VIVIER MA, BELLSTEDT DU, BURGER J, PRETORIUS IS. *The isolation of a gene encoding the polygalacturonase-inhibiting protein (PGIP) from Vitis vinifera.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
12. DOMINGO GS, SWART P, JACOBS EP. *Characterization of foulants present in DAF-effluent originating from the pulp and paper industry.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
13. DOWNING TG, HOFMEYR J-HS, ROHWER J. *Modelling of adaptive population diversification using control analysis.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
14. DU TOIT EA, RAUTENBACH M. *Synergism between tetracycline and magainin 2, and N-terminal deletion analogues, on tetracycline resistant Escherichia coli.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
15. ENGELBRECHT Y, SWART P. *Hypo-adrenocorticism in the angora goat (Capra aegagrus).* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
16. GOUWS W, HUTCHINSON E, SCHERER SD, HAPGOOD JP. *Searching for a type II gonadotropin-releasing hormone receptor in humans.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
17. GROENEWALD M, BELLSTEDT DU, CROUS PW. *Phaeoacremonium grapevine decline: a new approach.* BioY2K Combined Millennium Meeting. Grahamstown, 2000.



18. HOFMEYR J-H S, ROHWER JM, CORNISH-BOWDEN A. *Functional differentiation in cellular reaction networks*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
19. HOLROYD DL, RAUTENBACH M, MARAIS S. *Atomic-force microscopy studies of the interaction of melittin with erythrocyte membranes*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
20. KOLAR NW, SWART P. *Construction and expression of a novel tagged human flag-cytochrome P450c17 enzymes in Pichia pastoris*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
21. KROUKAMP M, ROHWER JM, SNOEP JL, HOFMEYR J-HS. *Inside the bug in the machine: A 'see-through box' model of a micro-organism growing in a chemostat*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
22. LIEBENBERG LE, SWART P, JACOBS EP. *The use of modified tri-block copolymers for affinity chromatography*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
23. LOMBARD N, SWART P. *Cytochrome B<sub>5</sub>: monomer or aggregate in vivo?* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
24. LOMBARD PJ, BELLSTEDT DU. *Preliminary investigations into the levels of cytokinins in the tissues of Vitis vinifera cv Sultanina in relation to dormancy*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
25. LOUW A, HAPGOOD J, ALLIE F, DENNER K, SWART P. *Naturally occurring and synthetic aziridine precursors disrupt the estrus cycle of rats by interacting at several glucocorticoid binding sites*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
26. MAREE HJ, KHOZA K, APPEL M, MANSVELT EL, BELLSTEDT DU. *Strain identification within Xanthomonas arboricola pv. pruni using DNA amplification fingerprinting (DAF)*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
27. NAIDOO VM, RAUTENBACH M, SWART AC. *Glycyl-peptides: possible alternatives to "good" buffers in molecular biology*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
28. OLIVIER BG, ROHWER JM, HOFMEYR J-HS. *From mushrooms to isolas: surprising behaviour in a simple biosynthetic system to end-product inhibition*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
29. RAUTENBACH M. *Synthetic antimicrobial peptides*. Antimicrobial Peptide Symposium: BioY2K Combined Millennium Meeting. Grahamstown, 2000.
30. RIEDEMANN J, SCHERER SD, HAPGOOD JP. *DNA-binding properties of humORFX: a putative functional homologue of a sea urchin DNA-binding protein*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
31. ROUX SP, SWART P. *A study of testicular microsomal steroidogenesis of the hyrax (Procavia capensis)*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
32. SADIE H, STYGER G, HAPGOOD JP. *SF-1 binds to two sites in the GnRH receptor Promotor and regulates basal and PKA-induced transcription*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
33. SWART AC, SWART P. *The enzymatic properties of recombinant Cape Baboon cytochrome P450c17*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

34. VAN DER MERWE A, MARAIS EM, HARLEY EH, BELLSTEDT DU. *Phylogenetic relationships in the minor genera of the Hyacinthaceae based on non-coding trnL-trnF chloroplast sequences*. Second Conference of the South African Society for Systematic Biology. Mtunzini, 2000.
35. VAN DER MERWE MJ, SWART P. *Quantitative analysis of Methylphenidate in human plasma by online solid phase extraction – ES-MS/MS*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
36. VAN SCHALKWYK C, BRITZ TJ, SWART P. *Identification of paracrystalline surface layers on Propionibacterium jensenii and P. freudenreichii subspecies shermanii*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
37. VLOK NM, RAUTENBACH M. *The effect of gramicidin S and surfactin on Botrytis cinerea*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
38. YANIC C, BREDEKAMP M, JACOBS EP, SWART P. *Membrane-based affinity matrices for the isolation of value added products from biological effluents. Dollars or dreams?* BioY2K Combined Millennium Meeting. Grahamstown, 2000.
39. YANIC C, BREDEKAMP M, JACOBS EP, SWART P. *Membrane-based affinity matrices for the isolation of value added products from biological effluents. Dollars or dreams?* Invited speaker at 'The Water Institute of Southern Africa' – Biennial Conference and Exhibition. Sun City, 2000.
40. YANIC C, BREDEKAMP M, JACOBS EP, SWART P. *Non-covalent modification of polysulphone membrane surfaces for affinity separation*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

### Boeke/Books

1. HOFMEYR J-HS, ROHWER JM, SNOEP JL, (eds). *Animating the Cellular Map*. Stellenbosch University Press, 2000. 319 pp.

### Navorsingsverslag/Research report

1. JACOBS EP, PILLAY VL, PRYOR M, SWART P. *Water supply to rural and peri-urban communities using membrane technologies*. WRC Report 764/1/00, 2000. 81 pp.

### Magister afgehandel/Master's completed

1. HUBBE ME. *Evaluation of antioxidant and free radical scavenging activities of honeybush tea (Cyclopia)*. MSc, 2000, 141 pp. Studieleier/medestudieleiers: Dr E Joubert/ proff TJ Britz en J-HS Hofmeyr.

### Doktoraal lopend/Doctoral current

1. ALLIE F. *Die invloed van verbinding A en ander steroïede op kortikosteroïed bindingsglobulin en sekshormoon bindingsglobulinsintese*. PhD Promotor: Dr A Louw.
2. ALLIE Z. *The removal of soya bean trypsin inhibitor from soya milk by affinity separation*. PhD Promotor: Prof P Swart.
3. APPEL M. *A biochemical investigation into the resistance mechanisms of South African commercial stone fruit cultivars against the bacterial canker pathogen Pseudomonas syringae pv. syringae, with special emphasis on the role of the bacterial elicitor (harpin) in these interactions*. PhD Promotor: Prof DU Bellstedt.
4. BLIGNAUT A. *The development of optimal vaccination procedures against Newcastle Disease virus and Clostridium perfringens in ostriches*. PhD Promotor: Prof DU Bellstedt.
5. BROWN N. *The characterization of baboon cytochrome P450 11B hydroxylase*. PhD Promotor: Prof P Swart.
6. DE ASCENSAO ARdaC. *Cloning, characterization of the polygalacturonase inhibiting protein (PGIP) gene from grapevine*. PhD Promotors: Proff IS Pretorius, DU Bellstedt en dr JT Burger.
7. DOWNING TG. *Modelling dynamic and steady-state phenomena in mixed cultures of heterotrophic/autotrophic micro-organisms*. PhD Promotor: Prof J-HS Hofmeyr.
8. KLINKRADT SH. *Strategies for the biotechnological manipulation of intracellular concentrations of metabolites*. PhD Promotor: Prof J-HS Hofmeyr.

9. KOHN TA. *Heterogeneity of oxidative capacity in muscle of elite athletes related to type I and IIA fibres*. PhD (opgegradeer van MSc) Promotor/medepromotor: Prof KH Myburgh/dr M Rautenbach.
10. KOLAR N. *The isolation and purification of cytochrome P450-c17 (human) in Pichia pastons*. PhD (opgegradeer vanaf MSc) Promotor: Prof P Swart.
11. KOUBOVEC DJBM. *An investigation into the molecular mechanism of regulation of gene expression by the contraceptive Medroxyprogesterone Acetate (MPA)*. MSc Promotor: Prof JP Hapgood.
12. KROUKAMP M. *Kontrole- en reguleringsanalise van die energiemetabolisme in die fermenterende gis Saccharomyces cerevisiae*. MSc Promotor: Dr JM Rohwer.
13. LOMBARD N. *The influence of cytochrome B5 on steroidogenesis in sheep adrenals*. PhD (opgegradeer vanaf MSc) Promotor: Prof P Swart.
14. OLIVIER B. *A multilevel approach to the design and understanding of complex metabolic systems*. PhD Promotor/medepromotor: Prof J-HS Hofmeyr/dr JM Rohwer.
15. ROUX S. *Distribution and activities of adrenal Cytochrome P450-dependent enzymes in the hyrax*. PhD Promotor: Prof P Swart.
16. VAN BILJON W (née GOUWS). *Cloning of a novel receptor for the gonadotropin-releasing hormone (GnRH) in humans*. PhD (opgegradeer van MSc) Studieleier: Prof JP Hapgood.
17. VAN NIEROP S. *The role of proteins and peptides in beer foam*. PhD Promotor: Dr M Rautenbach.

### **Magister Iopend/Master's current**

1. APRIL J. *Effect of potential contraceptive compound on steroid receptor function*. MSc Studieleier: Prof JP Hapgood.
2. CILLIERS FP. *The role of Plasminogen activators in the activation of plasminogen to plasmin in the fibrinolytic system in bovine milk: classification, purification and biochemical characterisation*. MSc Studieleier: Prof P Swart.
3. 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 Mondri Kraft Paper Mill*. MSc Studieleier: Prof P Swart.
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5. HITEN NF. *The manipulation of fructose 2,6-bisphosphate in sugar cane and grapevine*. MSc Studieleier: Prof FC Botha.
6. HOEPFNER SW. *Characterisation of hexokinase activity in the culm of sugar cane with special reference to fructokinase activity*. MSc Studieleier: Prof FC Botha.
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1. ALLIE Z, SWART P, MAARTENS A, JACOBS EP. *Non-ionic surfactants as pre-treatment agents for ultrafiltration membranes fouled in abattoir effluent*. Biotech SA 2000 Conference. Grahamstown, 2000.
2. BAKER PGL, SANDERSON R, CROUCH AM. *Synthesis and characterization of thin film mixed metal titanates*. 35th Convention of SACI. Potchefstroom, 2000.
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### Patente/Patents

1. JACOBS EP, BOTES JP, KOEN DJ, PILLAY VL. *Reverse pressure pulse generator*. SA Patent No. 99/4620, 2000.

### Navorsingsverslag/Research report

1. JACOBS EP, PILLAY VL, PRYOR M, SWART P. *Water supply to rural and peri-urban communities using membrane technologies*. WNK, 2000. 81 pp.

### Doktoraal afgehandel/Doctoral completed

1. FAUL CFJ. *Directed synthesis of polymer mesostructures*. PhD, 2000. 121 pp. Promotor: Prof RD Sanderson.
2. GRIMM JH. *Electrochemical purification of hazardous organic compounds from waste water by means of novel electrode materials and a solid-polymer-electrolyte-reactor system*. PhD, 2000. 182 pp. Promotor/medepromotor: Prof RD Sanderson/ prof U Simon (Universiteit van Essen) (ekstern).
3. JOUBERT DJ. *Ethylene and propylene copolymers utilising Fischer-Tropsch  $\alpha$ -olefins*. PhD, 2000. 324 pp. Promotor/medepromotor: Dr AJ van Reenen/prof RD Sanderson.
4. PRINSLOO M-L. *Tin-bemiddeling in inositolderivatisering*. PhD, 2000. 171 pp. Promotor: Dr MW Bredenkamp.
5. ROHWER EA. *A comparative study of the complex formation of Molybdenum (VI) and Tungsten (VI) with ligands derived from carboxylic acids*. PhD, 2000. 212 pp. Promotor: Prof JJ Cruywagen.
6. SLADE D. *Olfactory communication. Chemical characterization of the interdigital secretion of the black wildebeest, *Connochaetes gnou**. PhD, 2000. 252 pp. Promotor/medepromotor: Prof BV Burger/dr M le Roux.

### Magister afgehandel/Master's completed

1. CALITZ FM. *Evaluation of styrene maleic anhydride as polymeric surfactant in emulsion polymerisation as a curing agent for the emulsion product*. MSc, 2000. 106 pp. Studieleier: Prof RD Sanderson.
2. DE VILLIERS AJ. *Evaluation of pressure – and electrodriven separation techniques for the characterization of phenolic compounds in wine*. MSc, 2000. 89 pp. Studieleier/medestudieleier: Prof P Sandra/prof HH Lauer.
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7. SPRONG E. *Synthesis, characterisation and evaluation of macromolecules used to prepare rheology modifiers for possible improvement of the pigmentation of decorative coatings*. MSc, 2000. 165 pp. Studieleier: Prof RD Sanderson.
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10. WEBBER GV. *Wax characterisation by instrumental analysis*. MSc, 2000. 132 pp. Studieleier/medestudieleier: Prof RD Sanderson/mnr N Dowler.

### **Doktoraal Iopend/Doctoral current**

1. ALLIE Z. *The removal of soya bean trypsin inhibitor from soya milk by affinity separation*. PhD Promotor/medepromotor: Prof P Swart/dr EP Jacobs.
2. BAKER PGL. *Water treatment by electrochemical combustion*. PhD Promotor/medepromotor: Prof AM Crouch/prof RD Sanderson.
3. BEZUIDENHOUT D. *Biocompatible polymeric superstructures for cardiovascular prostheses*. PhD Promotor/medepromotor: Prof RD Sanderson/prof P Zilla (Universiteit Kaapstad) (ekstern).
4. CALITZ FM. *Synthesis by living free radical polymerisation of surfactants for emulsion synthesis of curable binders*. PhD Promotor: Prof RD Sanderson.
5. COETZEE L. *Adamantaanverwante polimere en kopolimere*. PhD Promotor: Dr AJ van Reenen.
6. DE LA PORTE AJ. *Synthetic modification of hydroxy-terminated polybutadiene to improve adhesion properties*. PhD Promotor/medepromotor: Prof RD Sanderson/dr B Klumperman.
7. DE VILLIERS AJ. *Possibilities and limitations of capillary electrochromatography for natural products research*. PhD Promotor/medepromotor: Prof P Sandra/prof HH Lauer.
8. DE VILLIERS D. *Design and evaluation of photocatalytic reactors for water purification*. PhD Promotor/medepromotor: Prof WJ Engelbrecht/dr GFS Wessels.
9. DEETLEFS M. *Gold(I) and Gold(II) complexes from bifunctional organocycles*. PhD Promotor: Prof HG Raubenheimer.
10. ESTERHUYSEN MW. *Komplekse van Au(I) en Au(III) met betekenisvolle Au ... Au-interaksies*. PhD Promotor: Prof HG Raubenheimer.
11. GANEVA DE. *Nanochemistry through self-assembly*. PhD Promotor: Prof RD Sanderson.
12. GOLDIE I. *Development of economically viable solar stills*. PhD Promotor/medepromotor: Prof WJ Engelbrecht/prof RD Sanderson.
13. GRAEF SM.  *$\alpha$ -Olefin / acrylic co- and block copolymerisation*. PhD Promotor/medepromotor: Prof H Pasch/prof RD Sanderson.
14. GRANT M. *Preparation of emulsifiers for Fischer-Tropsch waxes*. PhD Promotor: Dr AJ van Reenen.
15. GREYLING CJ. *The optimisation of polyacrylonitrile fibres for use in hot gas filtration*. PhD Promotor/medepromotor: Prof RD Sanderson/dr AHA Roediger.
16. IMMELMAN E. *The synthesis, characterisation and membrane properties of chemically modified poly(vinyl alcohol)*. PhD Promotor/medepromotors: Dr EP Jacobs/dr MW Bredenkamp en prof RD Sanderson.
17. JOHN W. *Polyelectrolytes and water purification*. PhD Promotor/medepromotors: Dr EP Jacobs/prof RD Sanderson en dr C Buckley (Universiteit Natal, Durban) (ekstern).
18. KHOTSENG LE. *Separation and speciation of metal complexes by capillary electrophoresis*. PhD Promotor/medepromotor: Prof A M Crouch/prof P Sandra.
19. LI J. *Self-assembly membrane formation*. PhD Promotor/medepromotor: Prof RD Sanderson/dr EP Jacobs.
20. LOUW S. *Chemiese karakterisering van die eksokriene afscheidings van Suid-Afrikaanse gordelakkedissee*. PhD Promotor/medepromotor: Prof BV Burger/dr M leRoux.

21. MAKAWA-MBEWE J. *Computer-aided polymer course in science, at honours level, for universities and technikons*. PhD Promotor: Prof RD Sanderson.
22. MANGE S. *Synthesis of new olefin modified acrylic monomers and the study of their physical and mechanical uses in copolymers*. PhD Promotor/medepromotor: Prof RD Sanderson/dr UM Wahner.
23. McLEARY EE. *The design of a new hybrid zeolite catalytic membrane reactor*. PhD Promotor/medepromotor: Prof JC Jansen/prof RD Sanderson.
24. McLEARY JB. *Synthesis, characterisation and testing of structured latex particles via RAFT radical polymerisation*. PhD Promotor/medepromotor: Prof L Klumperman/prof RD Sanderson.
25. MEINCKEN M. *AFM investigations on polymer surfaces and emulsions*. PhD Promotor/medepromotor: Prof RD Sanderson/prof L Balk (Universiteit van Wuppertal, Duitsland) (ekstern).
26. MEQUANINT K. *Surface active dispersions and high solids single packs for coil coating*. PhD Promotor: Prof RD Sanderson.
27. MICHAELS WC. *Microheterogeneous polymeric barriers for electrocatalysis*. PhD Promotor/medepromotor: Dr DG Bessarabov/prof RD Sanderson.
28. MORTEL CE. *Modelling of polypropylene blends*. PhD Promotor/medepromotor: Dr AJ van Reenen/prof RD Sanderson.
29. NAIDOO VB. *Nano macromolecular chemistry structures*. PhD Promotor/medepromotor: Prof RD Sanderson/dr M Rautenbach.
30. NEVELING A. *'n Nuwe benadering tot katalitiese hidrogenering*. PhD Promotor: Prof HG Raubenheimer.
31. OPPERMAN WJ. *Polymeric devices for the preservation of export grapes*. PhD Promotor/medepromotor: Prof RD Sanderson/prof TJ Britz.
32. POTGIETER AH. *Poly(propylene- $\alpha$ -olefin) copolymers and a study of their properties*. PhD Promotor: Prof RD Sanderson.
33. POTGIETER HF. *Fischer-Tropsch ionomeric waxes*. PhD Promotor: Prof RD Sanderson.
34. SHANYENGANA E. *Desalination by membrane and solar distillation techniques*. PhD Promotor/medepromotor: Prof RD Sanderson/dr EP Jacobs.
35. SIPHUMA L. *Novel  $\alpha$ -olefin polymer systems*. PhD Promotor: Dr AJ van Reenen.
36. SMITH SPJ. *Preparation of composite ceramic-zeolite catalytic and separation membranes*. PhD Promotor/medepromotor: Prof RD Sanderson/prof JC Jansen.
37. SNYMAN T. *Ontwikkeling van 'n omvattende tweedimensionele gaschromatograaf*. PhD Promotor/medepromotor: Prof BV Burger/Dr M le Roux.
38. SPRONG E. *Investigation into AB/ABA block copolymers as rheology modifiers and surfactants*. PhD Promotor: Prof RD Sanderson.
39. TICHAGWA L. *Reaction-assisted free radical transfer polymerisation of core shell gradient polymers*. PhD Promotor/medepromotor: Prof RD Sanderson/prof H Pasch.
40. TREDoux AGJ. *Stir bar sorptive extraction – Thermal desorption – Capillary GC-MS for the analysis of aroma compounds and pesticides in foodstuffs and beverages*. PhD Promotor/medepromotor: Prof P Sandra/prof HH Lauer.
41. VAN ZYL AJP. *Synthesis, characterisation and testing of nano-structured particles for effective impact modification of glassy amorphous polymers*. PhD Promotor/medepromotors: Prof L Klumperman/prof RD Sanderson en dr D de Wet-Roos.
42. VAN ZYL PW. *Semi-permeable fluorinated polymer membranes for water treatment studies*. PhD Promotor/medepromotors: Prof RD Sanderson/drs EP Jacobs, PAB Carstens.
43. VERMEULEN JP. *The correlation of the microstructure of LLDPE with end properties*. PhD Promotor: Dr AJ van Reenen.
44. WARRAND MS. *Synthesis, characterisation and structure / property relationship of inks and coatings for paper and metallic surfaces*. PhD Promotor/medepromotor: Prof RD Sanderson/dr AJ van Reenen.

45. WESTRA A. *Design, synthesis and application of new luminescent N,N-dialkyl-N'-acyl (aroyl)thioureas and a study of their application to the trace determination of Pt(IV) and other precious metals.* PhD Promotor: Prof KR Koch.

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1. BLEWETT G. *New organometallic complexes of Pd(II) with potential catalytic properties.* MSc Studieleier: Prof HG Raubenheimer.
2. CRONJE M. *Electrochemical purification of potable and waste water.* MIng Studieleier/medestudieleier: Mnr C Nel/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 L 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. GABRIELLI WF. *Die bereiding van ochratoksienanaloe vir biologiese assessering.* MSc Studieleier/medestudieleier: Dr MW Bredenkamp/prof PS Steyn.
7. GOVENDER S. *Purification of BSA from abattoir effluent using affinity separation.* MSc Studieleier/medestudieleiers: Prof P Swart/drs EP Jacobs en VL Pillay (ML Sultan Technikon, Durban) (ekstern).
8. HANEKOM TJ. *Welding, inversion and repetition of mixed gas fluorinated polyolefin surfaces.* MSc Studieleier/medestudieleier: Prof RD Sanderson/dr PAB Carstens (AEK) (ekstern).
9. HEYDENRYCH G. *New amino- and titanoxycarbene complexes of group 6 metals.* MSc Studieleier: Prof HG Raubenheimer.
10. JULIUS GR. *Hydroformylation in ionic liquids.* MSc Studieleier: Prof HG Raubenheimer.
11. KATATA L. *Electrochemistry and electroseparation of metal complexes with biodegradable ligands.* MSc Studieleier: Prof AM Crouch.
12. KGOSANE DM. *Copolymerisation of bulky monomers with ethylene and propylene.* MSc Studieleier/medestudieleier: Prof RD Sanderson/dr R Brüll.
13. KOBESE P. *Photocatalytic behaviour of metal titanates.* MSc Studieleier: Prof AM Crouch.
14. LIEBENBERG LE. *Development of a novel metal chelate affinity chromatography matrix for the immobilisation of metal ions.* MSc Studieleier/medestudieleier: Prof P Swart/dr EP Jacobs.
15. LUTZ M. *Adamantane-containing monomers for polymer synthesis.* MSc Studieleier: Dr AJ van Reenen.
16. MARAIS PC. *The hydrodynamic characterisation of an axial-flow membrane module.* MIng Studieleier/medestudieleier: Prof SM Bradshaw/dr EP Jacobs.
17. MTASAU E. *Analysis of the platinum group metals after fire assay by ICP-mass spectroscopy.* MSc Studieleier: Prof KR Koch.
18. MTOGANA S. *A multinuclear magnetic resonance spectroscopic study of mixed ligand Pt(III/IV) complexes with new N,N-dialkyl-N'-acyl(aroyl)thioureas.* MSc Studieleier: Prof KR Koch.
19. NEL J. *Carbene precursors in titanium and zirconium chemistry.* MSc Studieleier: Prof HG Raubenheimer.
20. ROHWER H. *The molecular structure and properties of some halogenated Germanium compounds.* MSc Studieleier: Prof JLM Dillen.
21. SPIES A. *Chemiese karakterisering van die preorbitale afskeiding van die vroulike soeni, Neotragus moschatus.* MSc Studieleier/medestudieleier: Prof BV Burger/dr M le Roux.
22. TRUTER WH. *Die bereiding van kobaltkomplekse vir chirale vryradikaal-polimerisasie.* MSc Studieleier/medestudieleier: Dr MW Bredenkamp/prof RD Sanderson.

23. VAN KRALINGEN L. *Affinity separation of biological macromolecules with modified Pluronic F108 through metal chelation*. MSc Studieleier/medestudieleier: Dr H Adendorf/dr MW Bredenkamp.
24. VILJOEN K. *The speciation of Ruthenium(III/IV) in aqueous chloride media*. MSc Studieleier: Prof KR Koch.
25. VOSLOO JJ. *Design and synthesis of new monomers for instantaneous polymerisation techniques*. MSc Studieleier/medestudieleier: Prof RD Sanderson/dr D de Wet-Roos.

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### Tydskrifartikels/Journal articles

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6. ROHWER EG, BOTHA LR. *Modelling injection seeding of a pulsed high pressure CO<sub>2</sub> laser*. The 13th International Symposium on Gas Flow and Chemical Lasers and High Power Laser Conference. Florence, Italy, 2000.
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1. ARENDSE GJ. *Teaching physics from the bottom up*. Science and Technology Education Conference. Cape Town, 2000.
2. DE KOCK PR, VAN DER VENDEL BIS, HILLHOUSE GC. *Relativistic calculations of quasi-elastic proton-nucleus spin observables using a complete set of NN amplitudes*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.
3. LÄTTI EM, SCHREUDER AN, STANDER JA. *Development of a real-time digital x-ray imaging system for proton therapy at the National Accelerator Centre*. The 40th SAAPMB Congress and Winter School. Durban, 2000.
4. McDERMOTT LS, ROHWER EG. *Modelling a time-of-flight mass spectrometer with SIMION*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.
5. NEVELING R, ARENDSE GJ, COWLEY AA, HILLHOUSE GC, RICHTER WA, STANDER JA, WYNGAARDT SM, FÖRTSCH SV, LAWRIE JJ, NEWMAN RT, SMIT FD, STEYN GF. *Latest results in the study of the (p,2p) knockout reaction on Pb-208*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.

6. ROHWER EG, BOTHA LR. *Modelling injection mode locking of a HP CO<sub>2</sub> laser*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.
7. STEINMANN CM, ROHWER EG, VIDAL CR. *The influence of phase matching on sum-frequency generation in an experimental tunable vuv source*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.
8. STEINMANN CM, ROHWER EG, WALTERS PE. *Optogalvanic spectroscopy as a convenient method for the calibration of tunable lasers*. Die Simposium vir Jong Spektroskopiste van die Suid-Afrikaanse Spektroskopiese Vereniging. Pretoria, 2000.
9. STEINMANN CM, ROHWER EG, WALTERS PE. *Optogalvanic spectroscopy as a convenient method for the calibration of tunable lasers*. Vergadering van die Wes-Kaap tak van die Suid-Afrikaanse Spektroskopiese en Massaspektrometrie Verenigings. Stellenbosch, 2000.
10. STEINMANN CM, VISSER K. *The oscillator model for (non)linear optics – a mechanical illustration*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.
11. VON BERGMANN HM. *Femtosecond lasers*. 45th Annual Conference of the South African Institute of Physics. Johannesburg, 2000.
12. WYNGAARDT SM, ARENDSE GJ, COWLEY AA, HILLHOUSE GC, NEVELING R, VAN DER VENDEL BIS. *A relativistic model of spin transfer observables for proton-induced knockout reactions*. 45ste Jaarlikse Konferensie van die Suid-Afrikaanse Instituut vir Fisika. Johannesburg, 2000.

### Patente/Patents

1. DESOR R, TARGSDORF A, MERZ S, VON BERGMANN HM. *Lambda Physik GmbH. Magnetic switch controlled power supply isolator and thyristor commutation circuit*. US Patent No. 6020723, 2000.

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### Magister afgehandel/Master's completed

1. BEZUIDENHOUT J. *Cross sections and analyzing power energy-sharing distributions of valence (p,2p)-knockout from 208Pb with a projectile of 200 MeV*. MSc, 2000. 82 pp. Studieleier/medestudieleier: Prof AA Cowley/dr GJ Arendse.
2. LÄTTI EM. *Development of a digital X-ray imaging system at the National Accelerator Centre*. MSc, 2000. 87 pp. Studieleier/medestudieleier: Dr JA Stander/Mnr AN Schreuder.
3. SCHUMANN RH. *Quantum information theory*. MSc cum laude, 2000 (Gencor S2A3 Medalje). 94 pp. Studieleiers: Proff HB Geyer en FG Scholtz.

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1. BALDÉ M. *Solid-state phase formation through diffusion barriers*. PhD Promotor: Prof R Pretorius.
2. BUTHELEZI E. *Measurement of production cross sections of near target residues in the interaction of <sup>12</sup>C and <sup>16</sup>O with <sup>103</sup>Rh at incident energies of 300 and 400 MeV*. PhD Promotor/medepromotors: Prof AA Cowley/drs GF Steyn en TN van der Walt (NVS, Faure) (ekstern).
3. DE VILLIERS D. *The application of naturally occurring radioactivity in the mining industry*. PhD Promotor/medepromotors: Dr JA Stander/proff L Lindsay (UWK) (ekstern) en A Rozendaal.
4. MARITZ EJ. *Pulsed laser deposition of superconducting Y-Ba-Cu-oxide thin films*. PhD Promotor/medepromotors: Prof I Krylov (UWK) (ekstern)/proff R Pretorius en PR de Kock.
5. McDERMOTT LS. *Toepassing van laserbronne in molekulêre spektroskopiese studies*. PhD Promotor: Dr EG Rohwer.

6. NEVELING R. *Nuclear medium modification of the nucleon-nucleon interaction and its effect on analyzing power in knockout reactions*. PhD Promotor: Prof AA Cowley.
7. STEINMANN CM. *Laser spectroscopy in the vacuum ultraviolet*. PhD Promotor/medepromotor: Dr EG Rohwer/prof H Stafast (Universiteit van Jena) (ekstern).
8. VAN BILJON AJ. *A renormalization group approach to disordered systems from supersymmetry*. PhD Promotor: Prof FG Scholtz.
9. WYNGAARDT SM. *Relativistic plane wave description of spin transfer observables for proton knockout reactions*. PhD Promotor/medepromotor: Prof AA Cowley/dr GC Hillhouse.

### Magister Iopend/Master's current

1. BOONZAAIER L. *Sandpile models and mining induced seismicity*. MSc Studieleier: Prof HB Geyer.
2. OCTOBER FJ. *Higher-order Bose-Einstein correlations in antiproton-proton collisions at  $\sqrt{s} = 630$  GeV*. MSc Studieleier: Dr HC Eggers.

## GEOLOGIE / GEOLOGY

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### **Navorsingsverslae/Research reports**

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1. PANTENBURG T. *Hydrothermal alteration associated with the Riviera W-Mo(REE) deposit*. PhD Studieleier: Prof A Rozendaal.
2. SMIT CM. *The relationship between structure, fluid movement and mineralization in selected examples from the Witwatersrand basin*. PhD Studieleier: Prof R Scheepers.

### **Magister lopend/Master's current**

1. BELCHER R. *Vein-Hosted Gold Mineralization in Greenstones of the Neoproterozoic Saldania Belt*. MSc Studieleier: Prof A Rozendaal.
2. COUSIN LE. *W-Bearing Metaluminous Granites of the Cape Granite Suite*. MSc Studieleier: Prof R Scheepers.
3. HAMMAN H. *Nickel Deposits of Western Namaqualand*. MSc Studieleier: Prof A Rozendaal.
4. HENNING EM. *Apatite, Monazite, Allanite and Titanite Chemistry as Indicator of Economic Potential in Granitoids*. MSc Studieleier: Prof R Scheepers.
5. MACDONALD L. *Geology of The 50m Terrace at Geelwal Karoo, West Coast of South Africa*. MSc Studieleier: Prof A Rozendaal.
6. MARAIS H. *Hydrogeochemical evaluation of groundwater in fractured rock aquifers in the Loxton area of the Karoo, using trace elements and stable isotopes*. MSc Studieleier: Dr GJ Greeff.
7. OLIVIER B. *Controls On Tanzanite(Zoisite) and Graphite Mineralization in the Merelani Area, Tanzania*. MSc Studieleier: Prof R Scheepers.

8. RIES W. *The relationship between the Nigraoep Orebody and its Host Rock*. MSc Studieleier: Prof R Scheepers.
9. STALDER M. *Deformation, Metamorphism of the Broken Hill-Gamsberg Base Metal Sulphide Deposits Namaqualand, South Africa*. MSc Studieleier: Prof A Rozendaal.
10. VITALI-HERBERT E. *The Mineralogy and Gemmology of Blue Zoizite (Tanzanite) Occurring at the Merelani Mine, Arusha District, Tanzania*. MSc Studieleier: Dr HS Pienaar.
11. WESSELS C. *Mineralogy and petrochemistry of the Riviera W-Mo Granite, Western Cape Province*: MSc Studieleier: Prof R Scheepers.
12. ZENZILE B. *Detailed Hydrogeochemical and geological aquifer and borehole yield mapping survey of the Calvinia Map Sheet*. MSc Studieleier: Dr GJ Greeff.

## MENS- EN DIERFISIOLOGIE / HUMAN AND ANIMAL PHYSIOLOGY

### Tydskrifartikels/Journal articles

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4. ROBSON PJ. Prolonged exercise, carbohydrate and the immune system. *South African Journal of Sports Medicine* 2000; **7**(3): 3-9.
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2. KOHN T, MYBURGH KH. *The occurrence of hybrid fibres in well trained endurance athletes and correlation between myosin heavy chain isoform distribution in homogenate samples vs single fibre classification*. 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.

3. MYBURGH KH, SMITH C, KOHN T. *Responses of African and Caucasian runners to hypoxia*. American Physiological Society: The Integrative Biology of Exercise. Portland, Maine, USA, 2000.
4. ROBSON PJ, POOL EJ, SMITH C, VAN WYK JH, MYBURGH KH. *Immunosuppression in professional rugby players: the use of interleukin 6 secretion by whole blood cultures as a diagnostic tool*. 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.
5. SEGADAVAN A, PODZUWEIT T, THOMAS S, VAN ROOYEN J. *Importance of O<sub>2</sub> in glucose protection during myocardial ischaemia*. 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.
6. SMITH C, MYBURGH KH. *Hypoxia tolerance in runners*. 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.
7. STRAUSS DeW, MYBURGH KH, KRUGER A, SMITH C. *Pre-exercise glutamine supplementation can prevent post-exercise falls in plasma glutamine following a single bout of intensive exercise in female athletes*. Proceedings of the 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.
8. VAN ROOYEN J, DU PLESSIS Y, SMITH M, KOENIG JC, MARAIS D, DHANSAY A, PRETORIUS WP, WOLMARANS P. *Blood pressure and cardiovascular status of colt rugby players at the SA Institute of Rugby*. 3rd International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.

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### **Magister afgehandel/Master's completed**

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### **Doktoraal lopend/Doctoral current**

1. ESTERHUYSE J. *Effects of dietary long chain polyunsaturated fatty acid supplementation on myocardial NO-cGMP pathway function and the susceptibility of the heart to ischaemic and reperfusion injury*. PhD Promotor/medepromotor: Dr EF du Toit/dr J van Rooyen.
2. KOHN T. *Heterogeneity and adaptability of skeletal muscle*. PhD Promotor/medepromotor: Prof KH Myburgh/dr M Rautenbach.
3. SMITH C. *Communication within and between the hypothalamic-pituitary-adrenal axis and the immune system*. PhD Promotor: Prof KH Myburgh.
4. STRAUSS DeW. *Faktore wat die gesondheid van damesatlete kan beïnvloed*. PhD Promotor: Prof KH Myburgh.

### **Magister lopend/Master's current**

1. BELLE R. *The quality of human semen during the last decade*. MSc/MPhil Studieleier: Dr DM Barry.
2. CHAMBERS J-M. *Are there familial influences on hypoxic ventilatory response in South African populations living at sea level?* MPhil Studieleier/medestudieleier: Prof KH Myburgh/dr S Jackson.
3. DASOO Y. *The incidence of antisperm antibodies in an infertility clinic*. MScAgric Studieleier: Dr DM Barry.
4. DE PAO A. *Factors influencing short duration, high-intensity endurance cycling*. MSc Studieleier: Prof KH Myburgh.
5. GEYER J. *The necessity of pyruvate as an energy substrate for the cleavage of two-cell stage mouse embryos in vitro*. MSc/MPhil Studieleier: Dr DM Barry.
6. JANSE-VAN RENSBURG L. *Performance prediction in mountain bikers: laboratory vs field testing*. MPhil Studieleier/medestudieleier: Dr S Jackson/prof KH Myburgh.

7. KENNEDY K. *Design and validity of exercise testing in the field for waterpolo*. MPhil Studieleier: Prof KH Myburgh.
8. LOUW R. *An investigation into the protective mechanisms of insulin against ischaemia in the isolated rat heart*. MSc Studieleier/medestudieleier: Dr J van Rooyen/dr B Huisamen.
9. MOHAMED G. *Reflective view of the establishment of a private in vitro fertilization clinic*. MSc/MPhil Studieleier: Dr DM Barry.
10. MPOYO R. *Superovulation protocols in goats and cattle*. MScAgric Studieleier: Dr DM Barry.
11. PRETORIUS W. *Premature luteal regression in SA Mutton Merinos*. MSc Studieleier: Dr DM Barry.
12. QOLOHLE D. *Natural breeding vs artificial insemination in chickens*. MScAgric Studieleier: Dr DM Barry.
13. ROSSOUW E. *Effects of anabolic steroids on myocardial function and the susceptibility of the heart to ischaemic and reperfusion injury in the isolated rat heart model*. MSc Studieleier: Dr EF du Toit.
14. SCRIBA E. *Blood flow during exercise in the lower limbs of paraplegic athletes*. MPhil Studieleier: Prof KH Myburgh.
15. VAN DER MERWE J. *Does creatine supplementation stimulate humoral anabolic factors?* MPhil Studieleier: Prof KH Myburgh.
16. WAGER B. *An evaluation of methodologies for cell cycle quiescence*. MScAgric Studieleier: Dr DM Barry.

## MIKROBIOLOGIE / MICROBIOLOGY

### Tydskrifartikels/Journal articles

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2. BIELY P, HIRSCH J, LA GRANGE DC, VAN ZYL WH, PRIOR BA. A chromogenic substrate for a  $\beta$ -xylosidase-coupled assay of  $\alpha$ -glucuronidase. *Analytical Biochemistry* 2000; **286**: 289-294.
3. BUTCHER BG, DEANE SM, RAWLINGS DE. The chromosomal arsenic resistance genes of *Thiobacillus ferrooxidans* have an unusual arrangement and confer increased arsenic and antimony resistance of *Escherichia coli*. *Applied and Environmental Microbiology* 2000; **66**(5): 1826-1833.
4. CHRISTOV L, BIELY P, KALOGERIS E, CHRISTAKOPOULOS P, PRIOR BA, BHAT MK. Effects of purified endo $\beta$ -1,4-xylanases of family 10 and 11 and acetyl xylan esterases on eucalypt sulphite dissolving pulp. *Journal of Biotechnology* 2000; **83**: 231-244.
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6. DE KOKER TH, ZHAO J, ALLSOP SF, JANSE BJH. Isolation and enzymic characterisation of white-rot fungi. *Mycological Research* 2000; **104**(7): 820-824.
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16. 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. *Applied Microbiology and Biotechnology* 2000; **54**: 698-704.
17. SINGH S, PILLAY B, DILSOOK V, PRIOR BA. Production and properties of hemicellulases of a *Thermomyces lanuginosus* strain. *Journal of Applied Microbiology* 2000; **88**: 975-982.
18. SINGH S, PILLAY B, PRIOR BA. Thermal stability of  $\beta$ -xylanases produced by different *Thermomyces lanuginosus* strains. *Enzyme and Microbial Technology* 2000; **26**: 502-508.
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20. STRAUSS T, BOTHA A, KOCK JFL, PAUL I, SMITH DP, LINKE D, SCHEWE T, NIGAM S. Mapping the distribution of 3-hydroxy lipins in the Mucorales using immunofluorescence microscopy. *Antonie van Leeuwenhoek* 2000; **78**: 39-42.

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1. BOTHA A, POHL C, KOCK JLF, COETZEE D, BOTES P, SCHEWE T, NIGAM S. *Exploring the life cycle of mucor for the presence of oxylipins*. International Symposium on Non-Mammalian Eicosanoids and Bioactive Lipids. Berlin, 2000.
2. BOTHA A, WOLFAARDT GM. *Yeast biofilms: an unexplored natural phenomenon*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
3. DACKEHAG A, GÁRDONYI M, VAN ZYL WH, HAHN-HÄGERDAL B, CORDERO OTERO RR. *Heterologous expression of xylose isomerase mutants from Thermus Thermophilus in Saccharomyces cerevisiae*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
4. D'AGUANNO VS, SCHOEMAN H, DU TOIT C, DU TOIT M, VIVIER MA, DICKS LMT, HASTINGS JW, PRETORIUS IS. *Biopreservation of wine using bactericidal wine yeast strains*. 2nd International Viticulture & Enology Congress. Cape Town, South Africa, 2000.
5. DE KOKER TH, LEAH P, JANSE BJH. *Kraft biopulping of Eucalyptus spp*. Tappi 2000, Pulping/Process and Product Quality Conference. Boston, USA, 2000.
6. GARDNER MN, DEANE SM, RAWLINGS DE. *Molecular biology of an incq-like plasmid isolated from the biomining bacterium Thiobacillus caldus*. International Symposium on Molecular Biology of Bacterial Plasmids. Prague, Czech Republic, 2000.
7. HALLSWORTH JE, LINDSEY GG, NOMURA Y, PRIOR BA. *Interference with hydrogen bonding; implications for osmotic stress in yeast*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.

8. KAYINGO G, BILL R, CALAMITA G, HOHMANN S, PRIOR BA. *Phylogenetic relationships of microbial MIP Channels*. 3rd International Conference on Molecular Biology and Physiology of Water and Solute Transport. Göteborg, Sweden, 2000.
9. LAMBRECHTS M, DU PLESSIS HW, STEGER CLC, DU TOIT M, DICKS LMT, PRETORIUS IS. *The occurrence and influence of lactic acid bacteria in brandy base wine*. 25th World Vine & Wine Congress. Paris, France, 2000.
10. NIEUWOUTD HH, BAUER FF, PRIOR BA & PRETORIUS IS. *Glycerol production by Saccharomyces cerevisiae yeasts: its relevance to wine-making in South Africa*. 2nd International Viticulture & Enology Congress. Cape Town, South Africa, 2000.
11. NUYENS F, ISERENTANT D, VAN ZYL WH, VERACHTERT H, MICHIELS C. *Influence of the Bacillus pumilus endo- $\beta$ -xylansase produced by recombinant Saccharomyces cerevisiae on the viscosity of xylan containing solutions*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
12. RAWLINGS DE, GARDNER MN. *Comparison and evolution of INCQ and INCQ-like plasmids*. International Symposium on Molecular Biology of Bacterial Plasmids. Prague, Czech Republic, 2000.
13. SAFTIC S, BRESSEL A, KAHN W, WOLFAARDT GM, SCHUBERT J, SCHULTZE JW. *What do bugs see? The need to standardize surfaces and surface treatment*. American Society for Microbiology, Biofilm Meeting. Bozeman Mo, 2000.
14. SAMPATHKUMAR B, KHACHATOURIANS GG, WOLFAARDT GM, KORBER DR. *Trisodium phosphate treatment induces thermotolerance in Salmonella enteritidis*. American Society for Microbiology, Annual Meeting. Anaheim, California, 2000.
15. TOH H, HALLSWORTH JE, KAYINGO G, KILIAN SG, HOHMANN S, PRIOR BA. *Role of the MIP channel (Fps1p) of Saccharomyces cerevisiae on membrane composition and glycerol release during hypoosmotic stress*. 3rd International Conference on Molecular Biology and Physiology of Water and Solute Transport. Göteborg, Sweden, 2000.
16. TRÄFF KL, CORDERO OTERO RR, VAN ZYL WH & HAHN-HÅGERDAL B. *Ethanol production from xylose in recombinant Saccharomyces cerevisiae*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
17. VAN ZYL WH. *The Beauty and the Beast ... and the Woody Goo*. Visit to the Department of Applied Microbiology, Lund University. Lund, Sweden, 2000.
18. VAN ZYL WH. *Designer yeasts to degrade and convert renewable lignocellulosic resources to biocommodities*. STFI, Swedish Paper and Pulp Institute. Stockholm, Sweden, 2000.
19. VAN ZYL WH. *Designer yeasts and fungi to degrade and convert renewable lignocellulosic resources to biocommodities*. Visit to the Department of Biochemistry, Physiology and Microbiology, University Gent. Belgium, 2000.
20. VAN ZYL WH. *Designer yeasts and fungi to degrade and convert renewable lignocellulosic resources to biocommodities*. Visit to the Institut für Hygiene und Toxikologie/ BFE. Karlsruhe, Germany, 2000.
21. VAN ZYL WH. *Heterologous production of lignocellulosic hydrolases in yeast and Aspergillus*. Visit to the Department of Biochemistry, Physiology and Microbiology, University Gent. Belgium, 2000.
22. VAN ZYL WH. *Production of human viral proteins in yeast and Aspergillus*. Visit to the Department of Biochemistry, Physiology and Microbiology, University Gent. Belgium, 2000.
23. VAN ZYL WH. *Yeast and filamentous fungi as hosts for enzymes and vaccine production*. Visit to the Laboratory of Molecular and Cellular Biology, Katholieke University of Leuven. Heverlee, Belgium, 2000.
24. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, PETERSEN SH, SETATI ME, DEN HAAN R, PRETORIUS IS. *Genetic engineering of yeasts to produce lignocellulosic hydrolyses*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
25. VILJOEN-BLOOM M, MALANDRA L, WOLFAARDT GM. *Biological treatment of winery effluents*. 2nd International Viticulture & Enology Congress. Cape Town, South Africa, 2000.

26. VILJOEN-BLOOM M, VOLSCHENK H, HUSNIK J, VAN VUUREN HJJ. *Wine fermentation by malo-ethanolic strains of S. cerevisiae*. 10th International Symposium on Yeasts. Arnhem, The Netherlands, 2000.
27. VOLSCHENK H, VILJOEN-BLOOM M, VAN VUUREN HJJ. *Wine fermentation by malo-ethanolic strains of S. cerevisiae*. 2nd International Viticulture & Enology Congress. Cape Town, South Africa, 2000.
28. WOLFAARDT GM. *Biodegradation by biofilm communities*. Society for General Microbiology Meeting. Exeter, 2000.
29. WOLFAARDT GM, BOTHA A. *Biofilm formation: a general phenomenon among yeasts*. American Society for Microbiology, Annual Meeting. Anaheim, California, 2000.

### Referate nasionaal/Papers national

1. ASKLUND A, CORDERO OTERO RR, HAHN-HÄGERDAL B, VAN ZYL WH. *Mutants from a recombinant Saccharomyces cerevisiae strain for xylose utilisation*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
2. AXELSSON M, CORDERO OTERO RR, HAHN-HÄGERDAL B, VAN ZYL WH. *D-Xylose utilization by Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
3. BALLA E, DICKS LMT, DU TOIT M, VAN DER MERWE MJ, HOLZAPFEL WH. *Characterization and cloning of the genes encoding enterocin 1071A and enterocin 1071B, two antimicrobial peptides produced by Enterococcus faecalis BFE 1071*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
4. BOOYSEN C, DICKS LMT. *Isolation and identification of lactic acid bacteria from malt*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
5. BOTHA A, WOLFAARDT GM, CONRADIE WJ, LOUW PJE, BOTHA G, CORNELISSEN S. *The impact of copper on soil microbial populations*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
6. BUTCHER BG, DEANE SM, RAWLINGS DE. *The molecular biology of the arsenic resistance genes of the biomining bacterium Thiobacillus ferrooxidans*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
7. CASALEGGIO CJW, ALBERTYN J, KILIAN SG, PRIOR BA. *Molecular analysis of glycerol production by the highly osmo-tolerant yeast Zygosaccharomyces Rouxii*. Bio Y2K Combined Millennium Meeting. Grahamstown, 2000.
8. CORAM NJ, RAWLINGS DE. *Molecular characterization of iron-oxidising Leptospirillum strains from around the world*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
9. CORDERO OTERO RR, DACKEHAG A, GARDONY M, HAHN-HÄGERDAL B, VAN ZYL WH. *Functional adaptation of a thermophilic enzyme*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
10. CRONWRIGHT GR, ROHWER JM, PRIOR BA. *An analysis of the control of glycerol synthesis in Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
11. DE GROOT P, DEANE SM, RAWLINGS DE. *The arsenic resistance mechanism of the biomining bacterium, Thiobacillus caldus*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
12. DE KOKER TH, LEAH P, JANSE BJH. *A review of the Mondi Kraft Biopulping Project*. African Pulp and Paper Week 2000 and Beyond. Durban, 2000.
13. DE WET BJM, VAN ZYL WH, PRIOR BA. *Characterization of hemicellulase accessory enzyme activity from Aureobasidium pullulans*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
14. DEN HAAN R, VAN ZYL WH. *Development of the heterologous expression system for the xylose-fermenting yeast Pichia stipitis*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
15. DU PLESSIS HW, LAMBRECHTS MG, STEGER CLC, DU TOIT M, DICKS LMT, PRETORIUS IS. *The occurrence and characterization of lactic acid bacteria in brandy base wines*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

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17. GOVINDEN R, PILLAY B, VAN ZYL WH, PILLAY D. *Metabolic engineering of Saccharomyces cerevisiae for enhanced ethanol production from xylose*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
18. GOVINDEN R, PILLAY B, VAN ZYL WH, PILLAY D. *Xylitol production by recombinant Saccharomyces cerevisiae expressing Pichia stipitis and Candida shehatae XYL1 genes*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
19. HALLSWORTH JE, TOH H, NOMURA Y, PRIOR BA. *Role of glycerol in ethanol tolerance*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
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21. KAYINGO G, PORTIER S, HOHMANN S, PRIOR BA. *Pichia TIM10, member of a novel family mitochondrial intermembrane space proteins mediating the import of inner membrane proteins*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
22. KRITZINGER R, DICKS LMT. *Purification and N-terminal amino acid sequence of pediocin PD-1 produced by Pediococcus damnosus NCFB 1832*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
23. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. *Construction of a Saccharomyces cerevisiae strain able to degrade xylan to D-xylose*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
24. LAKAY FM, VAN ZYL WH, CRUYWAGEN C, PRIOR BA. *Fungal hemicellulases as animal feed additives*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
25. MEYER AH, VALENTINE AJ, BOTHA A, ARCHER E, LOUW PJE. *Mycorrhizal root colonization and the subsequent host plant response in grapevines*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
26. MORSE MV, BOTHA A, KLAASEN JA. *The isolation and identification of fungal endophytes from grazing-induced damage of indigenous Namaqualand plant species*. Bio Y2K Combined Millennium Meeting. Grahamstown, 2000.
27. NIEUWOUDT HH, BAUER FF, PRIOR BA. *Glycerol production in Saccharomyces yeasts associated with wine-making in South Africa*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
28. PLÜDDEMANN A, VAN ZYL WH. *Heterologous expression of hepatitis B surface antigens in Aspergillus*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
29. RAWLINGS DE, SMITH ASG. *Plasmid addiction systems and their possible origins: Insights from the study of plasmids from acidophilic Thiobacilli*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
30. ROSE SH, VAN ZYL WH. *Constitutive expression of hydrolases in Aspergillus niger*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
31. SAFTIC S, BRESSEL A, WOLFAARDT GM, KORBER DR, SCHUBERT J. *Methods to characterize and monitor biofilms in distribution systems*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
32. SAMSON HE, BOTHA A, KLAASEN J. *Mucoralean fungi present in soil from the Jonkershoek Valley, Stellenbosch*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
33. SCHEEPERS GC, RYPSTRA T, DE KOKER TH, JANSE BJH. *Biotechnological pitch control in the Kraft pulping of Eucalyptus spp*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
34. SCHOEMAN H, VIVIER MA, DICKS LMT, PRETORIUS IS. *Expression of pediocin PA-1, a bacteriocin produced by pediococcus Acidilactici, in Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
35. STASSEN L, ZIETSMAN JJ, VILJOEN M. *Biological treatment of winery effluents*. Bio Y2K Combined Millennium Meeting. Grahamstown, 2000.

36. STRAUSS T, BOTHA A, KOCK JLF, NIGAM S, PAUL I, SMITH DP. *Mapping the distribution of 3-hydroxy fatty acids in the mucorales using immunofluorescence microscopy*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
37. TOH H, HALLSWORTH JE, KILIAN SG, PRIOR BA. *Glycerol conservation in Saccharomyces cerevisiae is controlled by the FPS1P membrane channel*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
38. VAN DER MERWE M, VILJOEN M. *Transcriptional regulation of the S. pombe malic enzyme gene*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
39. VAN REENEN C, DICKS LMT, TCHIKINDAS ML. *Comparison of bacteriocin 423 and pediocin PA-1C*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
40. VAN ROOYEN R, LA GRANGE DC, VAN ZYL WH. *Development of a transformation system for the yeast Candida utilis ATCC9950*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
41. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, PETERSEN SH, SETATI ME, PRETORIUS IS. *Heterologous production of lignocellulosic hydrolases in yeast and filamentous fungi*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
42. VOLSCHENK H, VILJOEN M, HUSNIK J, VAN VUUREN HJJ. *Malate degradation by recombinant strains of Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
43. WEYERS JB, WOLFAARDT GM, THERON J, BRÖZEL VS. *Bacterial attachment: the use of reporter gene technology to study attachment inducible elements*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
44. WOLFAARDT GM. *Hoe kommunikeer mikroörganismes? – 'n Basis vir interdisiplinêre navorsing*. Stellenbosch Forum Lesing. Stellenbosch, 2000.
45. WOLFAARDT GM, BOTHA A, DE JONG M, VAN DER VET D. *Biofilms: a neglected mode of yeast growth*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
46. WOLFAARDT GM, HENDRY MJ, PALMER JR.RJ, WHITE DC, KORBER DR. *Microbiology of saturated, high pH, uranium-mine tailings*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

### **Hoofstukke in boeke/Chapters in books**

1. HAUSNER M, LAWRENCE JR, WOLFAARDT GM, SCHLOTTER M, SEILER KP, HARTMANN A. The use of immunological techniques and scanning confocal laser microscopy for the characterization of *Agrobacterium Tumefaciens* and *Pseudomonas Fluorescence*, Atrazine-utilizing Biofilms. In: Flemming HC, et al., (eds). *Biofilms, Investigative Methods and Applications*. Technomic Publishing Co, 2000: 143-153.
2. 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, NJ, 2000: 171-188.
3. KAYINGO G, CASALEGGIO C, TAMAS MJ, HOHMANN S, PRIOR BA. An investigation of the possible existence of homologues of FPS1, a glycerol facilitator of *Saccharomyces cerevisiae*, in the osmotolerant yeast *Zygosaccharomyces rouxii*. In: Hohmann S, Nielsen S, (eds). *Molecular Biology and Physiology of Water and Solute Transport: Fundamental and Applied Aspects*. Kluwer Academic/Plenum Publishers, New York, 2000: 393-404.
4. WOLFAARDT GM, KORBER DR, KARTHIKEYAN S, CALDWELL DE. Biodegradation by biofilm communities. In: Allison DG, et al., (eds). *Community Structure and Co-operation in Biofilms*. Cambridge University Press, 2000: 279-294.

### **Patente/Patents**

1. MORTIMER RK, PRIOR BA, BACCARI C. *Wine yeast cultures*. USA Patent No. 6140108, 2000.

### **Doktoraal afgehandel/Doctoral completed**

1. DE KOKER TH. *The genetic and enzymatic characterization of South African strains of Phanerochaete chrysosporium*. PhD, 2000. 137 pp. Promotor/medepromotor: Dr BJH Janse/prof WH van Zyl.

2. VAN REENEN CA. *Characterization of bacteriocin 423 produced by a Lactobacillus pentosus*. PhD, 2000. 157 pp. Promotor/medepromotor: Prof LMT Dicks/prof WH van Zyl.

### Magister afgehandel/Master's completed

1. LLOYD MH. *Anaerobic digestion applications in the treatment of gelatin-manufacturing effluents*. MSc, 2000. 89 pp. Studieleier: Prof TJ Britz.
2. PIETERSE A. *Cloning of a novel esterase-encoding gene from Bacillus pumilus and its characterization in Escherichia coli*. MSc, 2000. 96 pp. Studieleier: Prof WH van Zyl.
3. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. MSc cum laude, 2000. 66 pp. Studieleier/medestudieleier: Dr FF Bauer/ prof IS Pretorius.
4. VAN DYK D. *Genetic analysis of a Saccharomyces cerevisiae signal transduction pathway*. MSc cum laude, 2000. 127 pp. Studieleier/medestudieleier: Prof IS Pretorius/dr FF Bauer.

### Doktoraal Iopend/Doctoral current

1. BERTHELNS NJ. *Development of Saccharomyces cerevisiae strains with antifungal activity*. PhD Promotor/medepromotor: Prof IS Pretorius/dr M du Toit.
2. BODLEY MD. *The application of bacteriocins as food preservatives and predictive modelling thereof*. PhD Promotor/medepromotor: Prof LMT Dicks/prof W Holzapfel (Federal Research Centre for Nutrition, Germany) (ekstern).
3. BUTCHER BG. *Molecular genetics of arsenic resistance in the biomining bacterium, Thiobacillus ferrooxidans*. PhD Promotor: Prof DE Rawlings.
4. CONRADIE EC. *Promoter characterisation in Saccharomyces cerevisiae: transcriptional control under different physiological conditions*. PhD Promotor: Prof WH van Zyl.
5. D'AGUANNO VS. *Yeast as biological control agent*. PhD Promotor: Prof IS Pretorius.
6. DE WET BJM. *Isolation, characterization and heterologous expression of hemicellulose accessory enzymes from Aureobasidium pullans*. Ph.D. Promotor/medepromotor: Prof BA Prior/prof WH van Zyl.
7. DEN HAAN R. *Investigation of the heterologous expression system for the xylose fermenting yeast Pichia stipitis*. PhD Promotor: Prof WH van Zyl.
8. GAGIANO M. *Molecular characterisation of Mss11p, a transcriptional activator for the Saccharomyces cerevisiae MUC1 and STA1-3 genes*. PhD Promotor/medepromotors: Prof IS Pretorius/drr FF Bauer en MG Lambrechts.
9. 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.
10. GOVENDER P. *Industrial yeast strains engineered for controlled flocculation*. PhD Promotor: Prof IS Pretorius.
11. JOLLY NP. *Characterization, evaluation and use of non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor: Prof IS Pretorius.
12. KHAN W. *The evaluation of biofilms as a source of contamination in drinking water systems*. PhD Promotor/medepromotors: Prof GM Wolfaardt/drr S Saftic en H-P Röhns (Düsseldorf Waterwerke, Duitsland) (ekstern).
13. KRITZINGER R. *Characterization of the genes coding for the production of pediocin PD-1*. PhD (Agric) Promotor: Prof LMT Dicks.
14. MARE L. *Probiotic lactic acid bacteria genetically modified to break down cellulose*. PhD Promotor/medepromotor: Prof LMT Dicks/prof GM Wolfaardt.
15. PLÜDDEMANN A. *The filamentous fungus Aspergillus as host for the heterologous expression of Hepatitis B viral proteins*. PhD Promotor: Prof WH van Zyl.
16. ROSE SH. *Genetic manipulation and evaluation of Aspergillus spp. for heterologous polysaccharase production*. PhD Promotor: Prof WH van Zyl.
17. RUMBOLD K. *Microbial hydrolysis of recalcitrant lignin-carbohydrate complexes*. PhD Promotor/medepromotor: Prof BA Prior/dr G Gübitz (Tegniese Universiteit van Graz) (ekstern).

18. SAAYMAN M. *Cloning the dicarboxylic acid transported from Candida Utilis*. PhD Promotor/medepromotor: Dr M Viljoen/prof WH van Zyl.
19. SCHOEMAN H. *Detection and monitoring growth behaviour of genetically modified yeasts within microbial vineyard populations*. PhD (Agric) Promotor/medepromotor: Prof GM Wolfaardt/prof IS Pretorius.
20. SETATI ME. *Cloning, expression and characterization of fungal B-1,4-mannanase encoding genes and secretion in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Prof WH van Zyl/dr H Stålbrand (Lund Universiteit, Swede) (ekstern).
21. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. PhD Promotor: Prof IS Pretorius.
22. ULIANA NJ. *Molecular characterisation of iron-oxidising Leptospirillum strains from around the world*. PhD Promotor: Prof DE Rawlings.
23. 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.
24. VAN DYK D. *Genetic analysis of signal transduction pathways: the regulation of invasive growth and starch degradation in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Prof IS Pretorius/dr FF Bauer.
25. VOLSCHEK H. *Ontwikkeling van appel-etanoliese en appelmelksuurgiste*. PhD Promotor/medepromotor: Prof HJJ van Vuuren/dr M Bloom.

### **Magister Iopend/Master's current**

1. ALLSOP SF. *Expression and organization of Lignocellulose genes in Phanerochaete chrysosporium*. MSc Studieleier/medestudieleier: Dr BJH Janse/prof WH van Zyl.
2. BOOYSEN C. *Taxonomic study of the bacterial population in malt and their effect on brewer's yeast*. MScAgric Studieleier: Prof LMT Dicks.
3. CORNELLISEN C. *The impact of copper on fungal populations present in soils of the Western Cape*. MSc Studieleier/medestudieleier: Dr A Botha/prof GM Wolfaardt.
4. CRONWRIGHT GR. *Analysis of the control of glycerol synthesis in Saccharomyces cerevisiae*. MSc Studieleier: Prof BA Prior.
5. DAVIDSE EK. *Control and prevention of Staphylococcal mastitis in dairy cows by using bacteriocin-producing lactic acid bacteria*. MSc Studieleier: Prof LMT Dicks.
6. DE GROOT P. *The arsenic resistance genes of the biomining bacterium, Thiobacillus caldus*. MSc Studieleier: Prof DE Rawlings.
7. DU PLESSIS KR. *Biological indicators of copper-induced stress in soil*. MSc Studieleier/medestudieleier: Dr A Botha/prof GM Wolfaardt.
8. ERASMUS DJ. *Deletion analysis of the Ure2p in Saccharomyces cerevisiae and effect of NCR on the production of ethyl carbamate during wine fermentations*. MSc Studieleier/medestudieleier: Prof HJJ van Vuuren/dr M Bloom.
9. 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 en mnr NP Jolly.
10. FONT-SALA C. *Cloning and analysis of genes encoding proteins associated with carnitine metabolism*. MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
11. FUNDIRA M. *Optimization of fermentation processes for the production of indigenous fruit wines*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr M du Toit.
12. GREBEN H. *Biological sulphate and sulphide removal from mining effluents*. MSc Studieleier/medestudieleier: Prof GM Wolfaardt/dr JP Maree.
13. JACKSON VA. *Effect of ozone on biofilms*. MSc Studieleier/medestudieleier: Prof GM Wolfaardt/dr D Bessarabov.
14. LAKAY FM. *Fungal hemicellulases as animal feed additives*. MSc Studieleier: Prof BA Prior.
15. MALANDRA L. *Biodegradation of winery effluent*. MSc Studieleier/medestudieleier: Dr M Bloom/prof GM Wolfaardt.

16. MEYER AH. *Effek van mikorrisas en ander plantgeassosieerde mikroorganismes op die prestasie van jong wingerd*. MSc Studieleier/medestudieleiers: Dr A Botha/prof E Archer en dr AJ Valentine.
17. MOGASHOA MM. *Construction and expression of a polysaccharase gene cassette in Saccharomyces cerevisiae*. MSc Studieleier: Prof IS Pretorius.
18. NEL HA. *A comparative study of the effect of antimicrobial peptides on biofilms of food spoilage bacteria and pathogens*. MSc Studieleier/medestudieleier: Prof LMT Dicks/prof GM Wolfaardt.
19. PAULSE AN. *Soil stabilization by microbial activity*. MSc Studieleier/medestudieleier: Prof GM Wolfaardt/prof L van Huyssteen.
20. SAMSON HE. *Psychrotolerant mucoralean fungi present in pristine Mountain Fynbos soil and vineyard soil from the Stellenbosch region*. MSc Studieleier: Dr A Botha.
21. SCHOLTZ EHP. *Cloning of an endo glucanase-encoding gene from Bacillus pumilus and its characterization in Escherichia coli*. MSc Studieleier: Prof WH van Zyl.
22. SCHUTTE MA. *A study of the biodiversity of sulfobacillus and related bacteria*. MSc Studieleier: Prof DE Rawlings.
23. SMITH M. *The expression of extrocin AS-48 in Laetobacillus and the effect of osmotic stress on the secretion of the peptide*. MSc Studieleier/medestudieleier: Prof LMT Dicks/dr E Balla.
24. VAN DER MERWE IR. *Characterization of a bacteriocin produced by propionibacteria*. MSc Studieleier/medestudieleier: Prof LMT Dicks/prof TJ Britz.
25. VAN ROOYEN R. *A comparative study between different  $\beta$ -glucosidase genes expressed in Saccharomyces cerevisiae*: MScAgric Studieleier: Prof WH van Zyl.

## REKENAARWETENSKAP

(waarby ingesluit die Instituut vir Toegepaste Rekenaarwetenskap)

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## COMPUTER SCIENCE

(including the Institute for Applied Computer Science)

### Tydskrifartikels/Journal articles

1. ELOFF J, VAN ZIJL L. An incremental construction algorithm for Venn diagrams. *South African Computer Journal* 2000; (26): 53-59.
2. VAN DER WALT APJ, EWERT S. A shrinking lemma for random forbidding context languages. *Theoretical Computer Science* 2000; **237**: 149-158.

### Verrigtinge internasionaal/Proceedings international

1. ARVINDSSON Å, DE KOCK JM, KRZESINSKI AE, TAYLOR PG. *The design of ATM virtual path connection networks with service separation*. Proceedings of the 8th International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems (MASCOTS'2000). San Francisco, USA, 2000: 424-431.
2. DE KOCK JM, KRZESINSKI AE. *Quality of service optimisation in MPLS networks*. Proceedings of the 8th IFIP Workshop on Performance Modelling and Evaluation of ATM & IP Networks (IFIP ATM & IP 2000). Iikley, UK, 2000: 41/1-41/13.

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1. ARVIDSSON Å, DE KOCK JM, KRZESINSKI AE, TAYLOR PG. *The design of ATM virtual path connection networks with service separation*. Proceedings of the 3rd South African Telecommunications, Networks and Applications Conference. Cape Town 2000: 7 pp. (CD Rom).



2. DE KOCK JM, KRZESINSKI AE. *Maximising the quality of service in MPLS networks*. Proceedings of the 3rd South African Telecommunications, Networks and Applications Conference. Cape Town 2000: 5 pp. (CD Rom).
3. BAGULA AB, KRZESINSKI AE. *Deployment of alternate path routing in multiprotocol label switching networks*. Proceedings of the 3rd South African Telecommunications, Networks and Applications Conference. Cape Town 2000: 3 pp. (CD Rom).
4. SCHEFFLER C, ZUURMOND E, KRZESINSKI AE. *A parallization of the flow deviation algorithm*. Proceedings of the 3rd South African Telecommunications, Networks and Applications Conference. Cape Town 2000: 3 pp. (CD Rom).

### **Doktoraal afgehandel/Doctoral completed**

1. DE VILLIERS PJA. *Validation of a microkernel: a case study*. PhD, 1999. 155 pp. Studieleier/medestudieleier: Dr GJ Holzmann/prof AE Krzesinski.

### **Magister afgehandel/Master's completed**

1. ESTERHUYSE E. *On providing an efficient and reliable virtual block storage service*. MComm, 2000. 66 pp. Studieleier: Dr PJA de Villiers.
2. GELDENHUYS J. *Efficiency issues in the design of a model checker*. MSc, 1999. 139 pp. Studieleier: Dr PJA de Villiers.
3. LOUBSER JJ. *Device drivers: a comparison of different development strategies*. MSc, 2000. 79 pp. Studieleier: Dr PJA de Villiers.

### **Doktoraal lopend/Doctoral current**

1. VAHED A. *The generalization performance of artificial neural networks*. PhD Studieleier: 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 JONGH A. *Modelling of co-operating neural network agents*. MComm Studieleier: Dr CW Omlin.
5. DE KOCK JM. *Optimization of call management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
6. DU TOIT C. *Die gebruik van temporale konteks in string generering*. MSc Studieleier: Prof APJ van der Walt.
7. ELOFF J. *A restructuring tool for Oberon*. MComm Studieleier: Dr PJA de Villiers.
8. HAYTER JA. *A system for visualizing teletraffic data*. MComm Studieleier: Prof AE Krzesinski.
9. KRUGER AF. *Machine learning, data mining and the World Wide Web*. MSc Studieleier: Dr CW Omlin.
10. MULLER K. *Alternative routing in MPLS networks*. MSc Studieleier: Prof AE Krzesinski.
11. MYBURGH W. *Automated testing of computer protocols*. MSc Studieleier: Dr PJA de Villiers.
12. VAN RIET F. *Efficiency issues in the implementation of a process-base language*. MSc Studieleier: Dr PJA de Villiers.
13. WAHABI R. *Research management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
14. WALSH D. *Automatic detection of image orientation*. MSc Studieleier: Dr CW Omlin.
15. WEBBER AH. *The development of a real-time network system directed at limited resource environments*. MSc Studieleier: Prof AE Krzesinski.
16. WESSELS T. *Intelligent speech processing*. MSc Studieleier: Dr CW Omlin.

<b>SOÖLOGIE / ZOOLOGY</b>
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**Tydskrifartikels/Journal articles**

1. BROADLEY DG, MOUTON PleFN. A new species of rupicolous *Cordylus* Laurenti from Malawi (Sauria: Cordylidae). *African Journal of Herpetology* 2000; **49**(2): 169-172.
2. CHERRY MI. Operational sex ratios in *Bufo ranganii*: a test of the active-inactive model. *African Zoology* 2000; **35**(2): 277-280.
3. COOPER WE, VAN WYK JH, MOUTON PleFN, AL-JOHANY AM, LEMOS-ESPINAL JA, PAULISSON MA, FLOWERS M. Lizard antipredatory behaviours preventing extraction from crevices. *Herpetologica* 2000; **56**(3): 394-401.
4. COOPER WE, WHITING MJ, VAN WYK JH, MOUTON PleFN. Movement and attack-based indices of foraging mode and ambush foraging in some gekkonid and agamine lizards from Southern Africa. *Amphibia-Reptilia* 1999; **20**: 391-399.
5. CUNNINGHAM M, CHERRY MI. Mitochondrial DNA divergence in Southern African bufonids; are species equivalent entities? *African Journal of Herpetology* 2000; **49**(1): 9-22.
6. FLEMMING AF, MOUTON PleFN. Geographic variation in sexual size dimorphism in the rock agama, *Agama atra* (Sauria: Agamidae). *African Zoology* 2000; **35**(2): 233-249.
7. GOUWS G, STEWART BA, COKE M. Evidence for a new species of river crab (Decapoda, Brachyura, Potamonautidae) from the Drakensberg, South Africa. *Comparative Biochemistry and Physiology Part A* 2000; **126**: 351-365.
8. HELLING B, REINECKE SA, REINECKE AJ. Effects of the fungicide copper oxychloride on the growth and reproduction of *Eisenia fetida* (Oligochaeta). *Ecotoxicology & Environmental Safety* 2000; **46**: 108-116.
9. JACOBS DS, KUIPER S. Individual recognition in the Damaraland mole-rat, *Cryptomys damarensis* (Rodentia: Bathyergidae). *Journal of Zoology (London)* 2000; **251**: 411-415.
10. LESLIE AJ, SPOTILA JR. Osmoregulation of the Nile crocodile, *Crocodylus niloticus*, in Lake St Lucia, Kwazulu/Natal, South Africa. *Comparative Biochemistry and Physiology Part A* 2000; **126**: 351-365.
11. MOUTON PleFN, FLEMMING AF, NIEUWOUDT CJ. Sexual dimorphism and sex ratio in a terrestrial girdled lizard, *Cordylus macropholis*. *Journal of Herpetology* 2000; **34**(3): 379-386.
12. MOUTON PleFN, FOURIE D, FLEMMING AF. Oxygen consumption in two cordylid lizards. *Amphibia-Reptilia* 2000; **21**(4): 502-507.
13. MOUTON PleFN, GEERTSEMA H, VISAGIE L. Foraging mode of a group-living lizard, *Cordylus cataphractus* (Cordylidae). *African Zoology* 2000; **35**(1): 1-7.
14. POOL EJ, VAN WYK JH, LESLIE AJ. Inflammatory activity as an indicator of water quality: the use of human whole blood cultures. *Journal of Immunoassay* 2000; **21**(4): 387-399.
15. REINECKE AJ, REINECKE SA, MUSIBONO DE, CHAPMANN AA. The transfer of lead (Pb) from earthworms to shrews (*Myosorex varius*). *Archives of Environmental Contamination and Toxicology* 2000; **39**(3): 392-397.
16. RIDGWAY TM, BRANCH GM, STEWART BA, HODGSON AN. Taxonomic status of the *Patella miniata* species complex (Mollusca: Gastropoda) in Southern Africa. *Hydrobiologia* 2000; **420**(1): 103-111.
17. RIDGWAY TM, STEWART BA, BRANCH GM. Limited population differentiation in the bearded limpet *Patella barbara* (Gastropoda: Patellidae) along the coast of South Africa. *Journal of the Marine Biological Association of the United Kingdom* 1999; **420**(1): 639-652.
18. ROBINSON TJ, WITTEKINDT O, PASANTES JJ, MODI WS, SCHEMPP W, MORRIS-ROSENDAHL DJ. Stable methylation patterns in interspecific antelope hybrids and the characterization and localization of a satellite fraction in the Alcelaphini and Hippotragini. *Chromosome Research* 2000; **8**: 635-643.
19. ROWE-ROWE DT, SOMERS MJ. Diet, foraging behaviour and co-existence of African otters and the water mongoose. *Behaviour and Ecology of Riparian Mammals* 1999: 215-227.

20. SIRGEL WF. Comparative genital anatomy of some African Achatinidae (Pulmonata). *Annals of the Natal Museum* 2000; **41**: 209-235.
21. SNYMAN RG, REINECKE SA, REINECKE AJ. Hemocytic lysosome response in the snail, *Helix aspersa*, after exposure to the fungicide copper oxychloride. *Ecotoxicology & Environmental Safety* 2000; **39**: 480-485.
22. SOMERS MJ. Foraging behaviour of Cape clawless otters (*Aonyx capensis*) in a marine habitat. *Journal of Zoology (London)* 2000; **252**(4): 473-480.
23. SOMERS MJ. Seasonal variation in the diet of Cape clawless otters (*Aonyx capensis*) in marine habitat. *African Zoology* 2000; **35**(2): 261-268.
24. VAN WYK JH. Seasonal variation in stomach contents and diet composition in the large girdled lizard, *Cordylus giganteus* (Reptilia: Cordylidae) in the highveld grasslands of the northeastern Free State, South Africa. *African Zoology* 2000; **35**(1): 9-27.

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1. DU TOIT A, MOUTON PleFN, FLEMMING AF. *Foraging mode of the Cape Grass Lizard Chamaesaura anguina, from South Africa*. Fourth Asian Herpetological Conference. Chengdu, China, 2000.
2. LESLIE AJ. *Alien plants, sex and reptiles?* Fifth International Workshop on Biological Control and Management of *Chromolaena odorata*. Umhlanga Rocks, Durban, South Africa, 2000.
3. LOUBSER GJJ. *Changing the John Ellerman Museum into the Ellerman Resource Centre for Zoology*. Talk at SAMA 2000 Conference. Robben Island, South Africa, 2000.
4. LOUBSER GJJ, MOUTON PleFN, NEL JAJ. *Herpetofauna as watchable wildlife and contribution as an ecotourism attraction*. Workshop presented at Watchable Wildlife Conference. Casper, Wyoming, USA, 2000.
5. MABOETA MS, REINECKE SA, REINECKE AJ. *Can lysosomal membrane stability serve as biomarker of effects on earthworm populations?* 13de Internasionale Kollokuium oor Grondtierkunde. Ceske Budějovice, Tsjeggiëse Republiek, 2000.
6. NEL JAJ. *Long-term changes in population demography and community structure of rodents in the Kalahari Desert*. 7de Internasionale Konferensie: "Rodens et Spatium". Ceske Budějovice, Tsjeggiëse Republiek, 2000.
7. NIEWOUDT CJ, MOUTON PleFN, FLEMMING AF. *Long term movement patterns and site fidelity in the terrestrial girdled lizard, Cordylus macropholis, from South Africa*. Fourth Asian Herpetological Conference. Chengdu, China, 2000.
8. REINECKE AJ. *Effects of environmental changes on soil organisms*. 13de Internasionale Kollokuium oor Grondtierkunde. Ceske Budějovice, Tsjeggiëse Republiek, 2000.
9. REINECKE AJ. *Types of wastes, effects of contaminants and pre-processing needed in vermiculture*. Internasionale Vermillennium Simposium. Kalamazoo, Michigan, VSA, 2000.
10. REINECKE AJ, REINECKE SA, MUSIBONO DE, CHAPMAN AA. *The transfer of lead (Pb) from earthworms to shrews (Myosorex varius)*. 13de Internasionale Kollokuium oor Grondtierkunde. Ceske Budějovice, Tsjeggiëse Republiek, 2000.
11. REINECKE SA, CHAPMAN AA, REINECKE AJ. *DNA strand breaks determined with the comet assay as biomarker of heavy metal toxicity in soil organisms*. 13de Internasionale Kollokuium oor Grondtierkunde. Ceske Budějovice, Tsjeggiëse Republiek, 2000.
12. REINECKE SA, REINECKE AJ. *Relations between body concentrations of lead in earthworms, biomass changes and coelomocyte lysosomal response*. Internasionale Vermillennium Simposium. Kalamazoo, Michigan, VSA, 2000.
13. REINECKE SA, REINECKE AJ. *Utilizing the lowly earthworm in high-tech science: from molecules to mega systems*. 13de Internasionale Kollokuium oor Grondtierkunde. Ceske Budějovice, Tsjeggiëse Republiek, 2000.

### Referate nasionaal/Papers national

1. COOPER M, CUNNINGHAM M, CHERRY MI. *Taxonomic status of the Namibian Violet Woodhoopoe Phoeniculus damarensis as determined by mitochondrial DNA*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.

2. DANIËLS S, STEWART BA. *Geographic patterns of genetic and morphological divergence amongst populations of a river crab (Decapoda, Potamonautidae) from mountain streams in the Western Cape, South Africa*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
3. GEERTSEMA H, VAN DIJK DE, VAN DEN HEEVER JA. *Permian Insects of Southern Africa*. Elfde Tweejaarlikse Konferensie van die Paleontologiese Vereniging van Suid-Afrika. Pretoria, 2000.
4. GOUWS G, STEWART BA. *Examining species boundaries in the phreatoicid isopods of South Africa using allozyme electrophoresis*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
5. JANSEN VAN VUUREN B, BEST PB, ROBINSON TJ. *Phylogeographic population structure in the Heaviside dolphin and conservation implications for this species*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
6. LEVIN G, LABUSCHAGNE R, VAN DEN HEEVER JA. *The true beginnings of Ceres: history as a caveat in an era of change*. Elfde Tweejaarlikse Konferensie van die Paleontologiese Vereniging van Suid-Afrika. Pretoria, 2000.
7. LOUBSER GJJ, MOUTON PLEFN, NEL JAJ. *Reptiles, environmental awareness and ecotourism: a case study in the Namaqua National Park*. Symposium on Managing Nature: Theory, Practice and Education. Pretoria, 2000.
8. MATTHEE C, DAVIS SCOTT K. *Mining the mammalian genome for artiodactyl systematics*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
9. RAMBAU V. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridization*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
10. ROBINSON TJ. *Phylogenomics: combining chromosome evolution, comparative genomics and segmental homology with evolutionary cladistics*. Plenary lecture, South African Genetics Society. Pretoria, 2000.
11. ROBINSON TJ. *Phylogeographic structure in roan antelope*. Workshop on Rare Game Management. Kruger National Park, 2000.
12. STEWART BA. *Patterns of species richness and endemism in sponge crabs around the South African coast*. Second Conference of the Southern African Society for Systematic Biology. Mtunzini, KwaZulu-Natal, 2000.
13. VAN DEN HEEVER JA. *The early Therocephalian Lycosuchus and the systematic position of the Lycosuchidae (Amniota: therapsida) from the Upper Permian Beaufort Group of South Africa*. Elfde Tweejaarlikse Konferensie van die Paleontologiese Vereniging van Suid-Afrika. Pretoria, 2000.
14. VAN DIJK DE, CHANNING AE, VAN DEN HEEVER JA. *Permian trace fossils attributed to tetrapods (Tierberg Formation, South Africa)*. Elfde Tweejaarlikse Konferensie van die Paleontologiese Vereniging van Suid-Afrika. Pretoria, 2000.

### Hoofstukke in boeke/Chapters in books

1. DAVIES-COLEMAN M, COOK BA. The status of the genetic and biochemical analysis of marine organisms in South Africa. In: Durham BD, Pauw JC, (eds). *Summary of Marine Biodiversity Status Report for South Africa*. National Research Foundation, Pretoria, 2000: 50-56.
2. LESLIE AJ, TAPLIN LE. Recent developments in osmoregulation in crocodylians. In: Grigg GC, Seebacher F, Franklin CE, (eds). *Crocodylian Biology and Evolution*. Surrey Beatty and Sons, Chipping, Norton, Australia, 2000; **21**: 265-279.

### Doktoraal afgehandel/Doctoral completed

1. MABOETA MS. *Ecological relevance of suborganismal and population responses of terrestrial Oligochaeta to the fungicide copper oxychloride*. PhD, 2000. 88 pp. Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.

### Magister afgehandel/Master's completed

1. CALF KM. *A comparative study of the role of male territory size and quality in mate choice of Cape and Gurney's Sugarbirds*. MSc, 2000. 138 pp. Studieleier/medestudieleier: Dr M I Cherry/dr CT Downs (Universiteit van Natal) (ekstern).
2. HENDERSON CL. *Male tail length and female provisioning in the Cape Sugarbird*, *Promerops cafer*. MSc, 2000. 102 pp. Studieleier: Dr MI Cherry.
3. RUDDOCK L. *The social behaviour of the giant girdled lizard, Cordylus giganteus (Reptilia: Cordylidae)*. MSc, 2000. 158 pp. Studieleier/medestudieleier: Prof JH van Wyk/dr M Whiting.
4. SMIT S. *Radiotoxicity of Iodine 123*. MSc, 2000. 54 pp. Studieleier/medestudieleier: Prof L Böhm/dr SA Reinecke.
5. SWARTZ ER. *Population genetics and reproductive biology of Pseudobarbus phlegethon and Barbus erubescens (Cyprinidae) of the Olifants River System*. MSc, 2000. 164 pp. Studieleier/medestudieleier: Dr AF Flemming/prof PleFN Mouton.

### Doktoraal lopend/Doctoral current

1. BATES MF. *An analysis on the Pseudocordylus melanotus and P. microlepidotus complexes (Sauria: Cordylidae)*. PhD Promotor/medepromotor: Prof PleFN Mouton/dr WR Branch (Port Elizabeth Museum) (ekstern).
2. COOPER MI. *Systematics, bio-geography and conservation of pill millipedes of the south western Cape*. PhD Promotor: Dr BA Cook.
3. DANIÉLS S. *Phylogenetics and aspects of the evolutionary biology of freshwater crabs (Potamonautes) from South Africa*. PhD Promotor: Dr BA Cook.
4. EVANS F. *Taphonomy, palaeoecology and Palaeonbiogeography of some Palaeozoic fishes from southern Gondwana*. PhD Promotor/medepromotor: Dr J Long (Western Australia Museum) (ekstern)/dr JA van den Heever.
5. GOUWS G. *Biogeography, systematics and conservation of phreatoicid isopods in South Africa*. PhD Promotor: Dr BA Cook.
6. LOUBSER GJJ. *Western Cape and Namaqualand herpetofaunal diversity as an ecotourism resource*. PhD Promotor/medepromotor: Prof PleFN Mouton/prof JAJ Nel.
7. MDZEKE NP. *Cellular responses of intertidal invertebrates as biomarkers of toxic stress resulting from heavy metal contamination in False Bay*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.
8. ODENDAAL JP. *Potensiële biomerkers van metaalbesoedeling in die houtluis, Porcellio laevis (Crustacea, Isopoda)*. PhD Promotor: Prof AJ Reinecke.
9. RAMBAU RV. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridization*. PhD Promotor: Prof TJ Robinson.
10. SNYMAN RG. *Cellular biomarkers of the fungicide copper oxychloride, in the common garden snail Helix aspersa in Western Cape vineyards*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.
11. SOMERS MJ. *Habitat utilization of Cape clawless otters Aonyx capensis*. PhD Promotor/medepromotor: Prof JAJ Nel/dr H Kruuk (Centre of Ecology and Hydrology, Scotland) (ekstern).
12. TESKE P. *Population genetics of the endangered Knysna seahorse, Hippocampus capensis: implications for conservation and management*. PhD Promotor/medepromotor: Dr MI Cherry/dr CA Matthee.
13. THOMAS E. *Phylogenetic relationships among southern African Bradypodian lineages as reflected by mtDNA sequence data*. PhD Promotor/medepromotor: Dr CA Matthee/ prof TJ Robinson.
14. TINNEY G. *Evaluation of in vitro culture conditions to optimise in vitro blastocyst hatching success in the laboratory mouse*. PhD Promotor/medepromotor: Dr AF Flemming/dr D Barry.

## Magister Iopend/Master's current

1. ALBERTUS R. *The influence of different management practices on soil mesofaunal activity in vineyards*. MSc Studieleier/medestudieleier: Prof AJ Reinecke/dr SA Reinecke.
2. ALBLAS A. *Cloacal glands of the group-living lizard, Cordylus cataphractus*. MSc Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.
3. CHAPMAN AA. *The transfer of toxic metals through food chains from soil invertebrates to predators and cellular effects*. MSc Studieleier/medestudieleier: Dr SA Reinecke/prof AJ Reinecke.
4. DABROWSKI JM. *Integration of data on land-use, pesticide contamination and biological effects for agricultural surface waters using Geographical Information Systems*. MSc Studieleier/medestudieleier: Dr R Schulz (Technical University of Braunschwig, Germany) (ekstern)/prof AJ Reinecke.
5. DU TOIT A. *Ecology of the Cape grass lizard, Chamaesaura anguina (Cordylidae)*. MSc Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.
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 Omingonde Formation (Middle Triassic) Namibia: systematics, comparative morphology and biostratigraphic significance*. MSc Studieleier/medestudieleier: Dr JA van den Heever/dr 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 (University of Pretoria) (ekstern).
9. LOUW E. *A study of the social behaviour and conditioning related to food association in three small shark species*. MSc Studieleier/medestudieleier: Dr MI Cherry/dr LV Compagno (SA Museum, Cape Town) (ekstern).
10. NIEWOUDT CJ. *The effects of coastal lowland instability: Terrestriality and Group living in Cordylus macropholis and melanism in Cordylus polyzonus*. MSc Studieleier/medestudieleier: Prof PleFN mouton/dr AF Flemming.
11. RICHTER L. *Placentation and maintenance of pregnancy in the cape skink, Mabuya capensis (Sauria: Scincidae)*. MSc Studieleier/medestudieleier: Dr AF Flemming/prof PleFN Mouton.
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 (Cambridge University) (ekstern).
14. STRYDOM AV. *The seasonal reproductive cycle of the fresh water turtle, Pelomedusa subrufa*. MSc Studieleier/medestudieleier: Prof JH van Wyk/dr A Leslie.
15. THERON D. *Seasonal reproductive cycle in the soupfin shark Galeorhinus galeus*. MSc Studieleier/medestudieleier: Prof JH van Wyk/mnr D Sadie.
16. VAN DIJK E. *Contributions to knowledge of some South African fossil sites and their fossils*. MSc Studieleier/medestudieleier: Dr JA van den Heever/dr H Geertsema.
17. 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.
18. VISAGIE L. *Grouping behaviour in the armadillo lizard, Cordylus cataphractus*. MSc Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.

<b>VERBRUIKERSWETENSKAP: VOEDSEL, KLEDING, BEHUISING / CONSUMER SCIENCE: FOODS, CLOTHING, HOUSING</b>
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**Tydskrifartikels/Journal articles**

1. STEYN NP, SENEKAL M, BRITS S, ALBERTS M, MASHEGO T, NEL JH. Weight and health status of Black female students. *South African Medical Journal* 2000; **90**(2): 146-152.
2. STEYN NP, SENEKAL M, BRITS S, NEL J. Urban and rural differences in dietary intake, weight status and nutrition knowledge of black female students. *Asia Pacific Journal of Clinical Nutrition* 2000; **9**(1): 53-59.

**Verrigtinge internasionaal/Proceedings international**

1. BOTHA MJ, JOHNSON L. *An investigation into the need for and teaching of handicraft skills to a selected group of women in KayaMandi, Stellenbosch, South Africa.* Proceedings of the 19th International Federation for Home Economics Congress. Accra, Ghana, 2000: 63.
2. BOTHA MJ, VAN DER MERWE ME. *Case studies of successes in marketable skills.* Proceedings of the 19th International Federation for Home Economics Congress. Accra, Ghana, 2000: 41.
3. FRICK BL, VAN DER MERWE ME, VILJOEN L. *An exploratory study of the attitudes and perceptions of female employers of selected South African companies towards corporate wear.* Proceedings of the 19th International Federation for Home Economics Congress. Accra, Ghana, 2000: 60.
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5. MILLER NJ, JOUNG H-M, VAN AARDT AM, VISSER EM. *Measuring differences between South African and US consumer perceptions of apparel store image.* Proceedings of the International Textile & Apparel Association Annual Conference. Cincinnati, Ohio, 2000: [www.ITAAonline.org](http://www.ITAAonline.org).
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3. VAN DER MERWE M. *Die effek van verskillende onderrigmetodes by die aanbieding van 'n behuisingsgeletterdheidsprogram*. MVerbruikerswet, 2000. 125 pp. Studieleier/medestudieleiers: Dr RM Albertyn/prof AS van Wyk en mev ME van der Merwe.

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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: Prof AS van Wyk.
2. DE VILLIERS A. *The development 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 Kwa-Zulu 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.
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7. SERFONTEIN M. *Housing education and training in the general education and training band of the national qualifications framework*. PhD Promotor/medepromotor Prof AS van Wyk/dr MC Vosloo.
8. VAN HUYSSTEEN. *A multi-cultural survey of diverse figure types to develop a standard sizing system for implementation in the Southern African clothing industry*. PhD Promotor: Prof EM Visser.
9. VAN WYK JJ. *Development of a model for educating human settlement development managers for developing countries*. PhD Promotor/medepromotor: Prof AS van Wyk/dr H Boshoff.
10. VENTER MD. *Development, implementation and evaluation of a housing education programme for semilliterate people that receive government subsidised housing*. PhD Promotor: Prof AS van Wyk.
11. VILJOEN L. *Critical success factors in the operational planning activities of small, medium and micro sewing-related business in South Africa*. PhD Promotor/medepromotor: Dr RC O'Neill/prof EM Visser.

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3. DE JONGH J. *Die bepaling van die verbruikersaanvaarbaarheid van 'n lae-vet koekie met 'n hoë veselinhoud en 'n medium glisemiese indeks*. MVerbruikerswet Studieleier: Dr MC Vosloo.
4. DLAMINI BP. *Development of a housing education programme for use in colleges of teacher education*. MVerbruikerswet Studieleier: Prof AS van Wyk.

5. GERICKE A. *A comparison of the effect of laundering in a number of domestic automatic washing machines with regard to cleaning efficiency and mechanical damage to textiles.* MScVerbruikerswet Studieleier: Prof EM Visser.
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10. SCHMIDT D. *The effect of sheep breed on the organoleptic quality and chemical composition of lamb.* MVerbruikerswet Studieleier/medestudieleier Dr L Hoffman/mej M Muller.
11. WIJNBEEK S. *Development of competencies suitable for entrepreneurship.* MVerbruikerswet Studieleier/medestudieleier: Mev MJ Botha/mev ME van der Merwe.

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1. BOONZAAIER L. *Sandpile models and mining induced seismicity*. MSc Studieleier: Prof HB Geyer.
2. OCTOBER FJ. *Higher-order Bose-Einstein correlations in antiproton-proton collisions at  $\sqrt{s} = 630$  GeV*. MSc Studieleier: Dr HC Eggers.

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**(including the Research Unit for Mathematics Education,**  
**the Information Centre for Children's Literature and Media**  
**and the Centre for Higher and Adult Education)**

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7. MURRAY H. *In-depth assessment of children's mathematical reasoning*. 9th International Congress of Mathematical Education. Tokyo, Japan, 2000.
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3. LE GRANGE L. *Is there a space for disparate knowledge traditions to work together? Implications for science (education) in a new millennium*. Annual Conference of the Education Association of South Africa. Bloemfontein, 2000.
4. LE GRANGE L. *Research as democratic praxis*. Department of Educational Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2000.
5. LE ROUX A. *The role of argumentation and articulation in the development of learners' conceptions of fractions*. Qualitative Research in Education Conference. RAU, Johannesburg, 2000.
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## Hoofstukke in boeke/Chapters in books

1. LE GRANGE L. Issues of pedagogy and power in environmental learning. In: Jenkin N, et al, (eds). *Educating for socio-ecological change: Case studies of changing practice in South African Tertiary institutions*. AUSAID, 2000: 1-8.
2. LE GRANGE L. Science and sustainability: integrating science and environmental education processes. In educating for socio-ecological change: In: Le Roux K, (ed.). *A resource pack for developing and reviewing environmental education in universities and colleges of education in South Africa*. AUSAID, 2000: 3.2.1-3.2.11.
3. LE GRANGE L, LOTZ H, MAKOU T, NELUVHALANI E, REDDY C, ROBOTOM I. Introduction to the participatory research process. In: Jenkin N, et al. (eds). *Educating for socio-ecological change: Case studies of changing practice in South African Tertiary institutions*. AUSAID, 2000: 55-64.
4. RIDGE E. Reflecting on a programme in action: towards theory-based evaluation. In: Ridge E, Makoni S, Ridge SGM, (eds). *Freedom and Discipline: Essays in Applied Linguistics from Southern Africa*. Bahri, 2000: 99-218.
5. RIDGE E. Reflections on South African children's literature available in English. In: Bimberg C, (ed.). *Perspektiven der Englischsprachigen Kinder- und Jugend literatur/ Perspectives on Children's Literature in English (Internationale Studien zu Literatur, Musik und Theater, Vol 3)*. Karthause-Schmülling Internationale Verlagsgesellschaft, Vilnius, St Petersburg, Thessaloniki, Moscow, Beijing, New York, Paris, 2000: 205-249.
6. RIDGE E. WAGHID Y. Improving teaching and learning from a distance. In: Makoni E, (ed.). *Improving Teaching and Learning in Higher Education*. Wits University Press, 2000: 77-97.

## Doktoraal afgehandel/Doctoral completed

1. ALBERTYN RM. *Conceptualization and measurement of the empowerment of workers: an educational perspective*. PhD, 2000. 488 pp. Promotor/medepromotor: Prof CA Kapp/prof CJ Groenewald.
2. JOHANNES D. *Kritiese elemente in die opleiding van onderwysers tov opvoeding vir vrede*. PhD, 2000. 260 pp. Promotor: Prof AE Carl.

3. NDUNA JN. *Environmental education for sustainable communities by adult educators in a black urban community*. PhD, 2000. 211 pp. Promotor/medepromotor: Prof DR Schreuder.
4. PUNT HR. *Kredietverwerwing deur leerders in die tegniese hoërskool met spesiale verwyssing na modulêre onderrig en akkreditering*. PhD, 2000. 394 pp. Promotor/medepromotor: Prof CA Kapp/dr MJ Smit.

### **Magister afgehandel/Master's completed**

1. ENGELBRECHT JJ. *Transformative and emancipatory challenges for facilitators of adult learning: a learning journey*. MPhil, 2000. 95 pp. Studieleier: Prof CA Kapp.
2. ESSACK S. *Towards academic staff development in the faculty of arts at the University of Durban-Westville*. MPhil cum laude, 2000. 262 pp. Studieleier: Prof CA Kapp.
3. GRUNDLING JG. *The role of tutor development in a feasible learning system*. MPhil, 2000. 140 pp. Studieleier: Prof CA Kapp.
4. KUBHEKA KR. *Staff development needs for teacher education in the Northern Province with regard to the implementation of the National Qualifications Framework*. MPhil, 2000. 159 pp. Studieleier: Prof CA Kapp.
5. MMINELE MM. *The training of ABET Educators and Educators in training in the Northern Province*. MPhil, 2000. 130 pp. Studieleier: Prof CA Kapp.
6. NDEBELE M. *Towards a microteaching model for Bethel college: a comparative study of the essential aspects of microteaching programmes at selected institutions in the Eastern Cape*. MPhil, 1999. 220 pp. Studieleier: Prof CA Kapp.
7. SCHOLTZ M. *A needs assessment survey for continuous professional education amongst diagnostic radiographers from the Free State Province*. MPhil cum laude, 2000. 167 pp. Studieleier: Prof CA Kapp.

### **Doktoraal lopend/Doctoral current**

1. BOTHA W. *The evaluation of an accreditation programme for quality improvement in private physiotherapy practice*. 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 pupils' understanding of heat and temperature*. DED Promotor: Dr AS Jordaan.
4. ESTERHUIZEN MB. *Die ontwikkeling van 'n geïntegreerde bevoegdheidsgebaseerde menslike hulpbronmodel vanuit 'n onderwys en opleidingsperspektief*. PhD Promotor: Prof CA Kapp.
5. GREEN WJ. *The use of the TRAC PAC as a microcomputer-based laboratory (MBL) tool in improving teachers' and learners' understanding of graphs of motion*. PhD Promotor: Dr AS Jordaan.
6. HANSEN JK. *The English curriculum in multicultural education in South Africa*. DED Promotor: Dr E Ridge.
7. HERMANSON C. *A thinking skills programme for change agents at middle management level: a study in continuing professional education*. PhD Promotor: Prof CA Kapp.
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 voorkennis 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 CA Kapp.
12. MURRAY JC. *Die voorkoms van spontane rekenstrategieë by junior primêre leerlinge*. DED Promotor: Prof PG Human.
13. NAKASA S. *Student academic underpreparedness at South African technicians*. PhD Promotor: Dr E Ridge.

14. NATHANSON RR. *The interaction between whole school development and ESL teaching practices in the classroom at primary school level*. PhD Promotor: Dr E Ridge.
15. NDEBELE M. *The application of norms and standards for educators in selected colleges of education in the Eastern Cape Province of South Africa*. PhD Promotor: Prof CA Kapp.
16. NKANDU E. *The development of peer educators in preventative health education in selected Lusaka communities*. PhD Promotor: Prof CA Kapp.
17. 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.
18. PAULSEN ME. *Co-operative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.
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. ROBERTSON CK. *Developing edutainment principles and practices for visual representations of Biblical books*. PhD Promotor: Dr CD Roux.
22. ROGERS L. *Die ontwikkeling van onderwysers ten opsigte van uitkomstgebaseerde benadering: 'n kwalitatiewe evaluering*. PhD Promotor: Prof AE Carl.
23. SCHOLTZ JF. *A proposal model of post-graduate medical training for a new health care dispensation*. PhD Promotor: Prof CA Kapp.
24. UNGERER E. *Deurlopende assessering in uitkomstgebaseerde onderwys in die algemene onderwys en opleidingsfase*. PhD Promotor: Prof AE Carl.
25. VAN BELKUM C. *The development of standards for an outcomes-based curriculum in nursery education*. DPhil Promotor: Prof CA Kapp.
26. VAN DER WESTHUIZEN A. *A process evaluation of academic leadership and transformation towards learning organisations in Higher Education Institutions in South Africa*. PhD Promotor: Prof CA Kapp.
27. VAN HEERDEN JE. *Junior sekondêre leerlinge se vlak van bewustheid van bewerkingseienskappe*. DEd Promotor: Prof PG Human.
28. YOUNG MH. *Curriculum development in horticulture within the SA Qualifications Authority Framework*. PhD Promotor: Prof AE Carl.

### **Magister Iopend/Master's current**

1. ADAM I. *Tegnologie-onderwys in die huidige Suid-Afrikaanse konteks*. MPhil Studieleiers: Prof AE Carl en 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 IV. *The transformation of night schools to ABET centres with special reference to the ITHUTENG project*. MPhil Studieleier: Prof CA Kapp.
4. CRONJE S. *An individualized performance appraisal system for academic staff at the Peninsula Technikon*. MPhil Studieleier: Prof CA Kapp.
5. FETYANA S. *Challenges facing the transformation of Technical Colleges in the Eastern Cape Province*. MPhil Studieleier: Prof CA Kapp.
6. GOVENDER D. *The creation of an environment conducive to adult distance learning at Technikon Southern Africa*. MPhil Studieleier: Prof CA Kapp.
7. KHUMALO K. *The effects of co-operative learning on student performance in English as a second language with specific reference to Madadeni College of Education*. MPhil Studieleier: Prof CA Kapp.
8. LAWS R. *Die bydrae van Aardrykskunde-onderrig tot die bevordering van multikulturalisme*. MEd Studieleier: Dr MJ Smit.
9. MAHOMED C. *The facilitation of adult basic education and training: a case study in two industries in Port Elizabeth*. MPhil Studieleier: Prof CA Kapp.

10. MSOMI N. *The role of ethics and values on the teacher education curriculum in the central region of the Eastern Cape Province*. MPhil Studieleier: Prof CA Kapp.
11. NCUBE T. *The role of industries in providing basic lifeskills education to unskilled black employees in the Empangeni/Richards Bay Industrial areas*. MPhil Studieleier: Prof CA Kapp.
12. NGIDE-MMBAMBO B. *A survey on knowledge and skill of Umlazi domestic workers in home management*. MPhil Studieleier: Prof CA Kapp.
13. SIAS WDN. *'n Ondersoek na die relevansie van Geskiedenis op skoolvlak: 'n gevallestudie*. MEd Studieleier: Prof AE Carl.
14. TEMBANI M. *The teaching-learning techniques used by geography teachers in geographical education*. MEd Studieleier: Dr MJ Smit.

**MENSLIKE BEWEGINGSKUNDE**  
**(waarby ingesluit die Instituut vir Sport- en Bewegingstudie) /**  
**HUMAN MOVEMENT STUDIES**  
**(including the Institute for Sport and Movement Studies)**

### **Tydskrifartikels/Journal articles**

1. POTGIETER JR, VENTER RE. Sensation seeking as a personality trait and the incidence of rugby injuries. *The South African Journal of Sports Medicine* 2000; **7**(3): 26-28.
2. STANDER GB, VAN DER MERWE FJG. Die geskiedenis van Matie-krieket, 1865-2000. *Suid-Afrikaanse Tydskrif vir Navorsing in Sport, Liggaamlike Opvoedkunde en Ontspanning* 2000; **22**(2): 49-58.
3. VAN DER MERWE FJG. Coetzenburg: die hart van Stellenbosch se sportkultuur. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2000; **14**(1): 1-13.
4. VAN DER MERWE FJG. Rugby en Afrikanernasionalisme gedurende die Tweede Wêreldoorlog. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2000; **14**(2): 83-93.
5. VAN DEVENTER KJ. An attempt to embrace implementing successful physical education and school sport programmes at community level within the South African context. *South African Journal for Research in Sport, Physical Education and Recreation* 2000; **22**(2): 75-90.
6. VAN DEVENTER KJ. Parents' perceptions of their children's participation in physical activity: a survey of selected Western Cape high schools. *South African Journal for Research in Sport, Physical Education and Recreation* 2000; **22**(2): 59-73.

### **Referate internasionaal/Papers international**

1. VAN DER MERWE FJG. *From pioneer pastime to international status: jukseke as South Africa's only indigenous sport*. ISHPES Seminar (Games of the past – Sports for the future?). Duderstadt, Duitsland, 2000.

### **Hoofstukke in boeke/Chapters in books**

1. VAN DER MERWE FJG. Prof Jannie se sportnalatenskap. In: Van der Merwe H, (red.). *Professor JN de Villiers*. Universiteit van Stellenbosch, 2000: 79-89.

### **Doktoraal afgehandel/Doctoral completed**

1. VAN HEERDEN JC. *The implementation of a model for the rehabilitation of sports injuries*. PhD, 2000. 177 pp. Promotor: Prof JR Potgieter.

### **Magister afgehandel/Master's completed**

1. FOURIE S. *An investigation into the nature of mental toughness in sport*. MMBK, 2000. 142 pp. Studieleier: Prof JR Potgieter.

2. HUGO K. *The effects of participation in a sport programme on the motor skills and self-esteem of high-risk primary school children*. MMBK, 2000. 115 pp. Studieleier: Dr ES Bressan.
3. MARAIS R. *Physiological changes associated with lateral movement training on netball players*. MMBK, 2000. 117 pp. Studieleier: Me RA Venter.
4. ROUX CJ. *The influence of recreation on the attitude of college students towards multiculturalism*. MMBK, 2000. 121 pp. Studieleier: Dr JH Malan.
5. STANDER GB. *Die geskiedenis van Matie-krieket, 1865-2000*. MMBK, 2000. 173 pp. Studieleier: Dr FJG van der Merwe.
6. SURMON S. *Concentric and eccentric reciprocal muscle groups, critical deficit and functional dynamic stability ratios of the hamstrings and quadriceps muscle groups*. MMBK, 2000. 195 pp. Studieleier: Prof JH Blaauw.

### **Doktoraal lopend/Doctoral current**

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.

### **Magister lopend/Master's current**

1. 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.
2. HOLLIDAY D. *Back rehabilitation in office workers to prevent surgery*. MMBK. Studieleier: Prof JH Blaauw.
3. MANDER M. *Cardiac risk factors: a pediatric problem*. MMBK Studieleier: Prof JH Blaauw.
4. McINTYRE S. *The influence of a perceptual-motor training programme on the development of speed in sport performance*. MMBK Studieleier: Dr ES Bressan.
5. VENTER LP. *Die gebruik van sielkundige intervensies onder sportlui*. MMBK Studieleier: Prof JR Potgieter.

**OPVOEDINGSBELEIDSTUDIE  
(waarby ingesluit die  
Sentrum vir Onderwysontwikkeling (SENOUS)) /  
EDUCATION POLICY STUDIES  
(including the Centre for Education Development)**

### **Tydskrifartikels/Journal articles**

1. DE KLERK J. Waarde-uitklaring: Trojaanse perd in Suid-Afrikaanse skole? *Koers* 2000; **65**(3): 341-356.
2. LE GRANGE LLL, WAGHID Y. Environmental education, materials development and collegial dialogue: improving teaching through partnerships between a university and schools. *South African Journal of Education* 2000; **20**(2): 136-141.
3. STEYN JC. Quality education and equality in education: a dilemma for democratic South Africa? *South African Journal of Education* 2000; **20**(1): 46-49.
4. VAN DER WALT JL, STEYN JC. Kurrikulum 2005 – moontlike postmodernistiese invloede en 'n Christelike perspektief. *Tydskrif vir Christelike Wetenskap* 2000; **36** (spesiale uitgawe): 65-81.

WAGHID Y. Designing distance learning materials using a dialogic theory of language. *Per Linguam* 1999; **15**(4): 1-9.

5. WAGHID Y. Notions of transformative possibility: equality, development, accountability and quality within higher education. *South African Journal of Higher Education* 2000; **14**(3): 101-111.
6. WAGHID Y. Qualitative research and the critical use of rationality. *South African Journal of Education* 2000; **20**(1): 32-36.
7. WAGHID Y. Reconceptualising engineering education: creating spaces for outcomes and dialogical agape. *Higher Education* 2000; **40**(3): 259-276.
8. WAGHID Y, CILLIERS CD. Integrating university research, teaching and community service: a practice of greater social relevance. *International Journal of Special Education* 2000; **15**(2): 46-64.
9. WAGHID Y, LE GRANGE LLL. Repositioning inclusive education in South Africa through a poststructuralist lens. *International Journal of Special Education* 2000; **15**(2): 92-102.
10. WAGHID Y, SCHREUDER DR. Can poststructuralist nuances of sustainable living contribute towards educational transformation in schools? *South African Journal of Education* 2000; **20**(2): 85-90.

### **Verrigtinge internasionaal/Proceedings international**

1. WAGHID Y. *Rethinking outcomes-based education through philosophy of education*. Proceedings of the International Network of Philosophers of Education Conference on Philosophy of Education in the New Millennium. Sydney, Australia, 2000: 186-194.

### **Referate internasionaal/Papers international**

1. PRINSLOO NP. *Reconciling Ubuntu with education management paradigms*. 25th Congress of the Association for Teacher Education in Europe. Barcelona, Spain, 2000.
2. STEYN JC. *Building a culture of democratic education in young democracies: the interrelation between South Africa and East Germany*. Kongress der Deutschen Gesellschaft für Erziehungswissenschaft. Göttingen, Germany, 2000.
3. WAGHID Y. *Transforming higher pedagogy after apartheid through a reflexive democratic discourse: reflecting on a critical moment in praxis*. International Conference on Emerging Democracies, Citizenship and Human Rights Education. Enschede, The Netherlands, 2000.

### **Referate nasionaal/Papers national**

1. DE KLERK J. *Morele waardes as voorwaarde vir 'n Afrika-rennaissance*. Opvoedkunde Vereniging van Suid-Afrika. Bloemfontein, 2000.
2. DE KLERK J. *Values underlying quality and equality in educational transformation in South Africa*. Department of Educational Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2000.
3. PRINSLOO NP. *Some obstacles obstructing democratic transformation of education in South Africa*. National Congress on "Democratic Transformation of Education". Stellenbosch, 2000.
4. STEYN JC. *Balancing quality and equality in educational transformation*. Department of Educational Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2000.
5. WAGHID Y. *Education for democracy: revisiting Rortyan pragmatism*. Department of Education Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2000.
6. WAGHID Y. *Exploring post-positivist spaces of an African philosophy of education*. Education Association of South Africa. Bloemfontein, 2000.
7. WAGHID Y. *Philosophy of education as reflective action: towards metaphysical objectivity*. Qualitative Research (Action and Participatory Research) Conference. Johannesburg, 2000.
8. WAGHID Y. *What's the justification for outcomes based education?* Kenton Education Association of South Africa Poverty in Education Conference. Port Elizabeth, 2000.

## Hoofstukke in boeke/Chapters in books

1. RIDGE E, WAGHID Y. Improving teaching and learning from a distance. In: Makoni S, (ed.). *Improving Teaching and Learning in Higher Education*. Wits University Press, 2000: 77-97.
2. STEYN JC, WAGHID Y. Can educational policy transformation in South Africa achieve multicultural education and eradicate racism in schools? In: Golz R, Keck RW, Mayrhofer W, (eds). *Humanisation of Education Yearbook 2000 of the International Academy for Humanisation of Education*. Peter Lang, 2000: 65-84.

## Magister afgehandel/Master's completed

1. ALIDZULWI TA. *The role of parents in values education with specific reference to the situation in Venda (Northern Province)*. MEd, 2000. 110 pp. Studieleier: Prof JC Steyn.
2. AVENANT L. *Entrepreneurship, leadership and creativity*. MEd, 2000. 123 pp. Studieleier: Dr LP van Kradenburg.
3. HENDRICKS M. *School governing bodies: their significance in the democratic transformation of South African society*. MEd, 2000. 161 pp. Studieleier: Dr Y Waghid.
4. MAKUNGO NS. *A multi-dimensional perspective on the culture of teaching and learning in schools in the Northern Province*. MEd, 2000. 106 pp. Studieleier: Prof JC Steyn.
5. MUDAU HB. *Teacher appraisal in the Northern Province: a management perspective*. MEd, 2000 128 pp. Studieleier: Dr LP van Kradenburg.
6. SIKHWARI MG. *Parental involvement in rural schools in the Northern Province*. MEd, 2000. 110 pp. Studieleier: Dr J de Klerk.
7. VAN DER MERWE T. *Repositioning of technical colleges within the transformation of education in South Africa*. MEd cum laude, 2000. 145 pp. Studieleier/medestudieleier: Dr WS du Plessis/prof NP Prinsloo.

## Doktoraal lopend/Doctoral current

1. AVENANT L. *Entrepreneurskap in skoolverband; 'n onderwysbestuurskundige benadering*. PhD Promotor: Dr LP van Kradenburg.
2. BAM J. *Learners' attitudes to history: the current relevance of populist history in Cape Town*. DPhil Promotor/medepromotor: Prof SB Bekker/dr Y Waghid.
3. HODGES M. *A critical analysis of an international development programme to transform historically disadvantaged higher education institutions in South Africa*. PhD Promotor: Dr Y Waghid.
4. LE GRANGE L. *Pedagogical practices in a higher education context: case studies in environmental and science education*. PhD Promotor/medepromotor: Prof DR Schreuder/dr Y Waghid.
5. SINGH N. *An ethnographic analysis of the academic performance of African learners in desegregated secondary schools in KwaZulu-Natal*. DPhil Promotor/medepromotor: Prof J Sharp/dr Y Waghid.
6. WAGHID Y. *A conceptual analysis of a reflective democratic praxis related to higher education transformation in South Africa*. PhD Promotor: Prof JC Steyn.

## Magister lopend/Master's current

1. DAVIS MV. *Die evaluering van skoolbeleid: 'n gevallestudie van ses geselekteerde skole in Kimberley*. MEd Studieleier: Dr DJL Taylor.
2. FAKIER M. *A philosophical study of structural and conceptual trends underlying the development of outcomes based education*. MEd Studieleier: Dr Y Waghid.
3. GENIS JS. *'n Skoolhoofde perspektief op waardesopvoeding in die Overbergstreek*. MEd Studieleier: Dr DJL Taylor.
4. JANTJIES AB. *Die ontwikkeling en bestuur van skoolbeheerliggame in die Grabouw-area*. MEd Studieleier: Dr DJL Taylor.
5. KESTEN EE. *The establishment of governing bodies in selected schools in the Western Cape Province*. MEd Studieleier: Dr DJL Taylor.



6. LINDERS H. *Kapasiteitsbou van skoolbeheerliggame: 'n studie van geselekteerde skole in die Wes-Kaapse Provinsie*. MEd Studieleier: Dr DJL Taylor.
7. TSHIFURA WW. *The role of school governing bodies in the rural areas of the Northern Province*. MEd Studieleier: Dr DJL Taylor.

## OPVOEDKUNDIGE SELKUNDE EN SPESIALISERINGSONDERWYS / EDUCATIONAL PSYCHOLOGY AND SPECIALIZED EDUCATION

### Tydskrifartikels/Journal articles

1. HALL R, ENGELBRECHT P. Leerkragte se behoeftes rondom die implementering van inklusiewe onderwys in Suid-Afrika. *Tydskrif vir Orthopedagogiek* 2000; **39**: 277-287.
2. OSWALD M, ACKERMANN CJ, ENGELBRECHT P. Onderwysers in hoofstroomskole se houdings teenoor inklusiewe onderwys. *Tydskrif vir Geesteswetenskappe* 2000; **40**(4): 1-12.
3. SMIT AG, LIEBENBERG L. Community-based home school for street children: the development of a training programme. *International Journal of Special Education* 2000; **15**(1): 96-102.
4. SMIT AG, LIEBENBERG L. The inner city street child: a profile of the dilemma and some guidelines. *Social Work: A Professional Journal for the Social Worker* 2000; **36**(1): 25-34.
5. WAGHID Y, CILLIERS CD. Integrating university research, teaching and community service: a practice of greater social relevance. *International Journal of Special Education* 2000; **15**(2): 46-64.

### Referate internasionaal/Papers international

1. ACKERMANN CJ, MDIKANA AA. *Identity-related decision-making among Xhosa-speaking adolescents in the Western Cape*. 7th Biennial Conference of the European Association of Research on Adolescence (EARA). Jena, Germany, 2000.
2. ENGELBRECHT P, ELOFF I, SWART RE. *Stress and coping skills of South African teachers with a learner with a disability in inclusive classrooms*. ISEC Conference. Manchester, England, 2000.
3. ENGELBRECHT P, ELOFF I, SWART RE, NEWMARK R. *Stress and coping skills of teachers with a learner with Down's Syndrome in inclusive classrooms in South Africa*. 7th World Down's Syndrome Congress. Sydney, Australia, 2000.
4. ENGELBRECHT P, HOWEL C. *Transition services in South Africa: vision, reform and change*. CEC Annual Conference. Vancouver, Canada, 2000.
5. ENGELBRECHT P, NEWMARK R, ROSSOUW W. *Challenges for the training of educational psychologists in South Africa*. XXVII International Congress of Psychology. Stockholm, Sweden, 2000.
6. HALL R. *Addressing the need of educators to support inclusive education in South Africa*. First International Conference – Creative Rescue: Counselling and Assistance for the Children in our Country. Pretoria, South Africa, 2000.
7. MORKEL E, NEWMARK R, PEROLD M, ROSSOUW W. *Narrative therapy within an integrative approach to stealing – a case study in the South African context*. XXVII International Congress of Psychology. Stockholm, Sweden, 2000.
8. NEWMARK R, ENGELBRECHT P. *The role of the Educational Psychologist in facilitating successful inclusion of learners with Down's Syndrome in South Africa*. 7th World Down's Syndrome Congress. Sydney, Australia, 2000.
9. SMIT AG. *The inner-city street child: some perspectives and recommendations*. First International Conference – Creative Rescue: Counselling and Assistance for the Children in our Country. Pretoria, South Africa, 2000.

## Referate nasionaal/Papers national

1. ENGELBRECHT P. *Developing a support programme for teachers in inclusive education*. National Conference on Learner Support and Development. Bellville, 2000.
2. ENGELBRECHT P. *New approaches to the training of education support personnel*. Keynote presentation: National Conference on Learner Support and Development. Bellville, 2000.
3. ENGELBRECHT P, HALL R. *Cognitive processes in adults – Implications for literacy programmes in South Africa*. IACESA – Cognitive development for educational renaissance – 4th National Conference. Cape Town, 2000.
4. ENGELBRECHT P, SWART E, ELOFF I. *A support programme for teachers in inclusive education*. PsySSA – 6th National Conference. Johannesburg, 2000.
5. HALL R. *Implementing a cognitive behaviour modification programme for learners with Attention Deficit Hyperactive Disorder*. SAALED National Conference on Attention Deficit Hyperactive Disorder. Cape Town, 2000.
6. HALL R, ENGELBRECHT P. *Cognitive enhancement of adult literacy programmes: a South African case study*. PsySSA – 6th National Conference. Johannesburg, 2000.
7. HALL R, ROSSOUW W. *Assessment: challenges in transforming inclusive policy into practice*. National Democratic and Training Conference. Stellenbosch, 2000.
8. NEWMARK R. *Support to the community: an ecosystemic perspective*. National Conference on Learner Support and Development. Bellville, 2000.
9. NEWMARK R, ENGELBRECHT P. *Diversity and the role of the psychologist*. PsySSA – 6th National Psychology Congress. Johannesburg, 2000.
10. SMIT AG. *Schools as push factor: some findings and recommendations*. National Conference on Health and Safety in Schools. Johannesburg, 2000.
11. SMIT AG. *Strategies for at-risk youth*. National Conference on Learner Support and Development. Bellville, 2000.
12. SWART RE, ELOFF I, ENGELBRECHT P, PETTIHPER OR, OSWALD M, ACKERMANN CJ, PROZESKY AM. *Teachers' attitudes towards experiences in implementing inclusive education*. OVSA-Kongres. Bloemfontein, 2000.

## Magister afgehandel/Master's completed

1. CALITZ MG. *Guidelines for the training content of teacher support teams*. MEd, 2000. 180 pp. Studieleier: Prof AG Smit.
2. MALAN SB. *The role of the facilitator in implementing an Adult Basic Education and Training (ABET) programme in a rural area in the Southern Cape*. MEd cum laude, 2000. 256 pp. Studieleier: Prof P Engelbrecht.
3. MARE C. *'n Ondersoek na die persoonlikheidstipes van 'n groep jeugleiers*. MEd, 2000. 154 pp. Studieleier: Dr A van Heerden.
4. MDIKANA AA. *Identity-related decision-making among Xhosa-speaking adolescents*. MEd, 2000. 113 pp. Studieleier: Dr CJ Ackermann.
5. WYNGAARD JWC. *'n Vergelyking van resultate tussen die MMTIC en die MMTIC/R op 'n groep tweedetaal leerders*. MEd, 2000. 106 pp. Studieleier: Dr A van Heerden.

## Doktoraal lopend/Doctoral current

1. CAMPHER EJ. *Support structures for teachers in the implementation of inclusive education in the Western Cape*. PhD Promotor: Prof P Engelbrecht.
2. DE JAGER LJ. *Gemeenskapsgebaseerde ondersteuning van hoë risiko leerders aan inklusiewe skole*. PhD Promotor: Prof AG Smit.
3. DE KLERK EC. *Theory-based prediction of academic performance of prospective university students*. PhD Promotor: Prof CD Cilliers.
4. 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.
5. HARRIS HC. *Inklusiewe onderwys: die ontwikkeling van onderwyskundighede*. PhD Promotor: Prof P Engelbrecht.

6. KRITZINGER AS. *Personality type-based in-service teacher education: an educational psychological perspective*. PhD Promotor/medepromotor: Dr A van Heerden/prof CD Cilliers.
7. LE ROUX AH. *A psycho-educational model of integration and individuation of masculinity*. PhD Promotor: Dr A van Heerden.
8. MASANGO S. *The development of a vocational interest measuring instrument in an adult educational setting*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr J Meyer.
9. MÖWES A. *The attitudes of educators towards inclusive education in Namibia*. PhD Promotor: Prof P Engelbrecht.
10. NEWMARK R. *Inclusive education for learners with Down's syndrome: the role of the educational psychologist*. PhD Promotor: Prof P Engelbrecht.
11. PAULSEN ME. *Cooperative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.

### **Magister lopend/Master's current**

1. ADAMS QNP. *Die verband tussen identiteitsontwikkeling en gesinsfunksionering*. MEd Studieleier: Dr CJ Ackermann.
2. APRIL LC. *An action research project regarding the role of reflection in increasing teachers' effectiveness in the classroom*. MEd Studieleier: Me R Newmark.
3. CAIRNS C. *A needs analysis of over-aged learners in the junior primary phase in the Kuils River area*. MEd Studieleier: Prof P Engelbrecht.
4. CLEOPHAS MM. *Implementering van gemeenskapshuisskole vir straatkinders*. MEd Studieleier: Prof AG Smit.
5. COLLAIR L. *Indicators of successful inclusion for learners who are deaf: a case study*. MEd Studieleier: Prof P Engelbrecht.
6. CONRADIE AC. *Die selfkonsep van 'n groep adolessente leerders met 'n liggaamlike gestremdhede*. MEd Studieleier: Prof P Engelbrecht.
7. DAVIS F. *Stress and coping skills of teachers with a learner with a physical disability in their classroom*. MEd Studieleier: Prof P Engelbrecht.
8. DE BRUYN TN. *Uitkomsgebaseerde onderwys: 'n raamwerk vir die optimalisering van diverse leerders se kognitiewe potensiaal*. MEd Studieleier: Dr R Hall.
9. DE JAGER S. *'n Buitelugopvoedingsprogram vir die ontwikkeling van besluitnemingsvaardighede by leerders in die intermediêre fase*. MEd Studieleier: Dr CJ Ackermann.
10. DE VOS AA. *Die oorgang van leerders met spesiale onderwysbehoefte vanaf die skool na jong volwasseheid*. MEd Studieleier: Prof P Engelbrecht.
11. DE WET B. *Die verband tussen identiteitsontwikkeling en persoonlikheidsstylvoorkeure*. MEd Studieleier: Dr CJ Ackermann.
12. DORFLING P. *Uitkomsgebaseerde onderrig vir leerders met verstandelike gestremdhede*. MEd Studieleier: Prof P Engelbrecht.
13. ELLMAN B. *Guidelines for teachers for the inclusion of learners with an intellectual impairment*. MEd Studieleier: Prof P Engelbrecht.
14. ENFIELD LC. *Seksuele identiteitsontwikkeling*. MEd Studieleier: Dr CJ Ackermann.
15. ENGLISH C. *Action and drama therapy for learners with special needs*. MEd Studieleier: Me R Newmark.
16. ERIKSEN SL. *A review of language programmes for pre-primary learners who have English as a third language*. MEd Studieleier/medestudieleier: Prof P Engelbrecht/dr E Ridge.
17. FORRESTER ATAE. *Making literacy functional: Implications for reading and writing instruction and assessment for the national qualifications framework*. MEd Studieleier: Me W Rossouw.
18. HORNE DT. *Die rol wat moedertaalonderrig in die optimalisering van kritiese en kreatiewe denke binne 'n veeltalige klaskamer speel*. MEd Studieleier: Mev W Rossouw.
19. JANSEN EH. *Die funksionele bemagtiging van volwasse opleiers*. MEd Studieleier: Me I Ferreira.

20. KILPIN EM. *Transformative learning: an exploratory analysis of theory and practice in a study and thinking skills programme*. MEd Studieleier: Prof CD Cilliers.
21. LE GRANGE CD. *The implementation and evaluation of a peer help training programme at a previously disadvantaged school*. MEd Studieleier: Dr CJ Ackermann.
22. LE ROUX A. *Nie-formele leerondersteuning in die grondslagfase*. MEd Studieleier/medestudieleier: Mev W Rossouw/prof P Engelbrecht.
23. LOUW RS. *Evaluering van die funksionaliteit van 'n taal- en luisterprogram in pre-primêre onderwys*. MEd Studieleier: Prof P Engelbrecht.
24. LYNERS MJ. *An investigation into the inclusivity of adult learning centres (with regard to additional educational needs)*. MEd Studieleier: Prof P Engelbrecht.
25. MAKHAVHU TS. *A support programme for teachers toward attitude change in inclusive education*. MEd Studieleier: Me R Newmark.
26. McCALLUM GH. *Die implikasies van inklusiewe onderwys vir leerders wat verstandelik erg gestremd is*. MEd Studieleier: Prof P Engelbrecht.
27. MITYA EPM. *A practical programme for teachers to motivate learners to learn: a culture of learning based on a culture of teaching*. MEd Studieleier: Prof CD Cilliers.
28. MOODLEY T. *Morele identiteitsontwikkeling*. MEd Studieleier: Dr CJ Ackermann.
29. MUDAU MJ. *The attitudes of the teacher towards the handling of the emotionally and behaviourally disturbed child in the classroom*. MEd Studieleier: Prof AG Smit.
30. MUKHARI FB. *The implementation of OBE in an inclusive classroom: a case study*. MEd Studieleier: Dr R Hall.
31. NISSEN C. *An evaluation of the effectiveness of an explicit South African curriculum to teach thinking*. MEd Studieleier: Prof CD Cilliers.
32. OSWALD MM. *Die beïnvloeding van demokratiese waardes van onderwysers op houdings teenoor inklusiewe onderwys*. MEd Studieleier/medestudieleier: Prof P Engelbrecht/prof J Steyn.
33. PAUW HG. *Ontwikkelende speel terapie as instrument in die hantering van gedragsmoeilike gehoorgestremde leerders: 'n gevallestudie*. MEd Studieleier: Me R Newmark.
34. PEROLD M. *Voorkoms van angs by 'n groep laerskoolleerders in die Wes-Kaap*. MEd Studieleier: Prof P Engelbrecht.
35. RUTTER LJ. *The implementation of a whole language model with deaf learners*. MEd Studieleier: Mev W Rossouw.
36. SAYSER NJ. *Towards a more dynamic approach: a case study of the treatment of triplets with autism*. MEd Studieleier: Mev W Rossouw.
37. SCHREUDER M. *Die gebruik van die kognitiewe kontroletoetsbattery as diagnostiese meetinstrument met hiperaktiewe leerders met en sonder leerprobleme*. MEd Studieleier: Mev W Rossouw.
38. SIDDLE M. *Inclusion of LSEN in Grade R classes in the Worcester area*. MEd Studieleier: Prof P Engelbrecht.
39. THEART DJC. *The need for and relevance of cognitive education in South Africa*. MEd Studieleier: Prof CD Cilliers.
40. VAN BLERK DA. *Assessment of the effectiveness of an individualised psychological skills training programme for performance enhancement*. MEd Studieleier: Mev W Rossouw.
41. VAN DER MERWE E. *Die rol en persoon van die fasiliteerder van die tienergespreks-groep*. MEd Studieleier: Dr CJ Ackermann.
42. VAN DER MERWE M. *Die insluiting van 'n leerder met Downsindroom in 'n hoofstroomskool*. MEd Studieleier: Prof P Engelbrecht.
43. VAN TONDER R. *Life space crisis intervention as a behaviour management strategy in youth care and education centres in South Africa*. MEd Studieleier: Prof AG Smit.
44. VERSTER S. *Leerondersteuningsriglyne vir graad I leerders uit 'n histories benadeelde omgewing*. MEd Studieleier: Prof P Engelbrecht.
45. VILJOEN JJ. *Die psigososiale ontwikkeling van die junior sekondêre skoolseun*. MEd Studieleier: Dr CJ Ackermann.
46. VORSTER H. *Die psigososiale ontwikkeling van die leerder in die ACE (Accelerated Christian Education)-skool*. MEd Studieleier: Dr CJ Ackermann.

**FAKULTEIT LANDBOU- EN  
BOSBOUWETENSKAPPE**

**FACULTY OF AGRICULTURAL AND  
FORESTRY SCIENCES**

<b>AKKERBOU EN WEIDING / AGRONOMY AND PASTURES</b>
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**Tydskrifartikels/Journal articles**

1. CRAMER MD, OBERHOLZER JA, COMBRINK NJJ. The effect of supplementation of root zone dissolved inorganic carbon on fruit yield and quality of tomatoes (cv 'Daniella') grown with salinity. *Scientia Horticulture* 2000; **1596**(2000): 1-21.
2. NEL MM, AGENBAG GA, PURCHASE JL. Sources of variation in spring wheat (*Triticum aestivum* L.) cultivars of the Western and Southern Cape. I. Milling and dough development characteristics. *South African Journal of Plant and Soil* 2000; **17**(1): 30-40.
3. NEL MM, AGENBAG GA, PURCHASE JL. Sources of variation in spring wheat (*Triticum aestivum* L.) cultivars of the Western and Southern Cape. II. Baking characteristics. *South African Journal of Plant and Soil* 2000; **17**(1): 40-49.
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1. AGENBAG GA, VLASSAK K. *Mineralization of an agricultural soil in the Swartland wheat producing area of South Africa: field experiments*. Proceedings of a Bilateral Workshop Flanders-Republic of South Africa. Leuven, Belgium, 2000: 39-50.
2. COESSENS SM, AGENBAG GA, VLASSAK K. *Mineralization potential and respiration of an agricultural soil in the Swartland, South Africa*. Proceedings of a Bilateral Workshop Flanders-Republic of South Africa. Leuven, Belgium, 2000: 133-148.
3. COMBRINK NJJ, HARMS T. *The use of solar energy for a small recirculating hydroponic system*. World Congress on Soilless Culture in Agriculture in the Coming Millenium. Jerusalem, Israel, 2000: P41.
4. DE WEVER H, AGENBAG GA, VLASSAK K. *Mineralization potential and denitrification of South African soils*. Proceedings of a Bilateral Workshop Flanders-Republic of South Africa. Leuven, Belgium, 2000: 89-112.
5. OTTO WM, KILIAN WH, AGENBAG GA, VLASSAK K. *Laboratory and field measurements of nitrogen mineralization in a duplex soil following straw and nitrogen applications*. Proceedings of a Bilateral Workshop Flanders-Republic of South Africa. Leuven, Belgium, 2000: 67-88.
6. VLASSAK K, AGENBAG GA. *Nitrogen dynamics in intensive and extensive agriculture*. Proceedings of a Bilateral Workshop Flanders-Republic of South Africa. Leuven, Belgium, 2000: 7-26.

**Referate internasionaal/Papers international**

1. PIETERSE PJ. *Results of a preliminary survey to quantify the incidence of herbicide resistance in the Western Cape Province, Republic of South Africa*. Third International Weed Science Congress. Foz Do Igaussu, Brazil, 2000.

**Referate nasionaal/Papers national**

1. BILBE SA, PIETERSE PJ. *The effect of various pretreatments on soyabean seed performance*. Congress of the South African Society of Crop Production. Bloemfontein, 2000.
2. BILBE SA, PIETERSE PJ. *The relationship between seed quality and molybdenum treatment in soybean*. Congress of the South African Society of Crop Production. Bloemfontein, 2000.
3. COMBRINK NJJ, BRINK PP, KNIGHT F. *Fertilizers implications due to low nitrification levels of some sandy soils in the Western Cape*. Congress of the South African Society of Crop Production. Bloemfontein, 2000.
4. KÖNIG R, COMBRINK NJJ. *The influence of exogenous Gibberellic acid treatments on root vernalization of witloof chicory*. Congress of the South African Society of Crop Production. Bloemfontein, 2000.

- LANGENHOVEN P, COMBRINK NJJ. *Influence of P, S and Ca on the yield and keeping quality of onions (Allium cepa L.)*. Congress of the South African Society of Crop Production. Bloemfontein, 2000.
- PIETERSE PJ, WESSELS PGW. *Ekonomiese kortrotasie wisselbougewasse vir koring*. Raadslede van die PNT, Elsenburg. Stellenbosch, 2000.

### Doktoraal afgehandel/Doctoral completed

- STRAUSS JA. *Drought tolerance studies in spring wheat cultivars produced in South Africa*. PhD (Agric), 2000. 154 pp. Promotor: Prof GA Agenbag.

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- BILBE SA. *The relationship between soybean (Glycine max (L.) Merrill) seed quality and the response to molybdenum seed treatment*. MSc, 2000. 62 pp. Studieleier: Dr PJ Pieterse.

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- FOURIE JC. *Evaluasie van dekgewasse vir vestiging in wingerd*. PhD Promotor: Prof GA Agenbag.
- KÖNIG R. *Witloof chicory as a vegetable crop in South Africa*. PhD Promotor: Dr NJJ Combrink.
- LANGENHOVEN P. *Influence of N-source on yield and quality of some hydroponically grown vegetable crops*. PhD Promotor: Dr NJJ Combrink.
- MAALI SH. *Biomass production, yield and quality response of selected field crops to crop rotation, soil tillage and N-fertilization in the Swartland wheat producing area*. PhD Promotor: Prof GA Agenbag.

### Magister lopend/Master's current

- BARNARD R.J. *Production of mini-tubers in potatoes*. MSc Studieleier: Dr NJJ Combrink.
- BECKAARDT CR. *The establishment of Guayule cultivars*. MSc Studieleier: Dr PJ Pieterse.
- BEYERS HP. *Re-establishment, biomass production and quality of medicago cultivars as influenced by the method of soil tillage and weed control*. MSc Studieleier: Prof GA Agenbag.
- MANOTO MM. *Germination studies on selected weed species in cereal cropping systems in the Western Cape*. MSc Studieleier: Prof GA Agenbag.
- WESSELS PGW. *Canola en lupiene as wisselbougewasse*. MSc Studieleier: Dr PJ Pieterse.

## BOSKUNDE / FOREST SCIENCE

### Tydskrifartikels/Journal articles

- GOUS SF. Targeted spot vegetation management in *Pinus radiata* and *P. elliotii* plantations, Tsitsikamma, South Africa. *Southern African Forestry Journal* 2000; **188**: 7-11.
- HAM C. Certification: situation analysis of private timber growers in South Africa. *Southern African Forestry Journal* 2000; **187**: 59-64.
- UYS HJE. Adjusting Faustmann's formula for the South African forestry environment. *Southern African Forestry Journal* 2000; **188**: 17-20.

### Referate nasionaal/Papers national

- PULKKI RE. *The role of supply chain management in sustainable forestry*. Paper presented at Southern African Institute of Forestry, Sustainable Forestry into the New Millennium Conference. Stellenbosch, 2000.

**Hoofstukke in boeke/Chapters in books**

1. BREDEKAMP BV. Plantation inventory. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 161-166.
2. BREDEKAMP BV. Volume and mass of logs and standing trees. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 167-174.
3. KIME PL, UYS HJE. Forestry support programmes. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 151-154.
4. THERON JM. Pruning. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 113-114.
5. THERON JM. Thinning. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 109-112.
6. THERON JM. Work standards in silviculture. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 139-141.
7. UYS HJE. Financial analysis of forestry projects. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 211-215.
8. UYS HJE. Valuation of forestry land. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 145-149.
9. UYS HJE. DAUGHERTY AE. Valuation of timber plantations. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 205-210.
10. VAN WYK G, VERRYIN S. The basic principles of tree breeding in South Africa. In: Owen DL, (ed.). *South African Forestry Handbook 2000*. Southern African Institute of Forestry, 2000: 61-68.

**Magister afgehandel/Master's completed**

1. GROBBELAAR FR. *A methodology to aid in appropriate forest technology decision-making for developing countries*. MScBosb cum laude, 2000. 141 pp. Studieleier/medestudieleier: Dr R Pulkki/dr HJE Uys.
2. HAMLET AG. *The effect of tree windbreaks on the microclimate and crop yields in the Western Cape Region of South Africa*. MScBosbwet, 2000. 194 pp. Studieleier/medestudieleier: Dr JM Theron/prof G van Wyk.
3. PIERCE BP. *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, 2000. 170 pp. Studieleier: Prof G van Wyk.
4. TERBLANCE AL. *Root development of Pinus patula*. MScBosb, 2000. 116 pp. Studieleier/medestudieleier: Dr JM Theron/dr F Ellis.
5. VOGT HKH. *The feasibility of forest inventory by means of stereo satellite imagery (IRS-1C) employing digital photogrammetry technology*. MScBosb, 2000. 267 pp. Studieleier: Prof BV Bredenkamp.

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1. ASENDA D. *Nutrient cycling in small-scale woodlots in Tanzania*. PhD (Bosb) Promotor: Dr I Grundy.
2. 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*. PhD (Bosb) Promotor: Prof L Kellogg.
3. GINDABA J. *Water and nutrient relations of selected tree species from Ethiopia and the implications for their use in plantations and agroforestry*. PhD (Bosb) Promotor: Dr A Rozanov.
4. LEE A. *Socioeconomic importance of Colophospermum mopane to communities in Northern Province*. PhD (Bosb) Promotor: Dr I Grundy.
5. MUDEKWE J. *Shared forest management and sustainable livelihoods in Zimbabwe's State Forests*. PhD (Bosb) Promotor: Dr I Grundy.
6. MWITWA JP. *Growth and physiological parameters related to shoot die-back in Pterocarpus angolensis*. PhD (Bosb) Promotor: Prof G van Wyk.



7. RAMACHELA K. *Studies on the propagation and establishment of the wild loquat*. PhD (Bosb) Promotor: Dr JM Theron.
8. TSHIGUVO E. *Importance of sacred forests to biodiversity conservation in Venda*. PhD (Bosb) Promotor: Dr I Grundy.
9. WALKER KP. *The role of trees in livestock production of semi-arid Botswana*. PhD (Bosb) Promotor: Dr JM Theron.

### Magister Iopend/Master's current

1. ACKERMAN PA. *An investigation into the short-haul transport of pulpwood in South Africa*. MScBosb Studieleier: Dr R Pulkki.
2. BUCHLER K. *Investigations into nutrient imbalances in some South African forestry areas*. MScBosb Studieleier: Dr F Ellis.
3. CHILIMAMPUNGA F. *Management of indigenous fruit trees in Malawi*. MScBosb Studieleier: Dr I Grundy.
4. CRUZ M. *Non-timber forest products use in Mozambique*. MScBosb Studieleier: Dr I Grundy.
5. DICKS M. *An investigation into the relationship between soil water availability and the growth of *Acacia mearnsii* using the 3-PG forest model*. MScBosb Studieleier: Dr F Ellis.
6. FOLOMA M. *Use of natural resources for income generation in Mahel, Mozambique*. MScBosb Studieleier: Dr I Grundy.
7. FREDERICKS H. *Sustainable livelihoods and community forestry in Diepwalle, Southern Cape*. MScBosb Studieleier: Dr I Grundy.
8. GWEBU SB. *A sampling study of branching characteristics towards obtaining more efficiency for tree selection in breeding trials*. MScBosbwet Studieleier: Prof G van Wyk.
9. HAM C. *Development of decision support systems for integrated land use planning in forestry*. MScBosb Studieleier: Prof BV Bredenkamp.
10. KABWE G. *Socioeconomic benefits of agroforestry in Zambia*. MScBosb Studieleier: Dr I Grundy.
11. KUNNEKE A. *Potential timber supply in the SADC region: A transport approach*. MScBosb Studieleier: Prof BV Bredenkamp.
12. KURGAT A. *Socioeconomic factors affecting adoption of farm forestry in Vasin-gishu District in Kenya*. MScBosb Studieleier: Dr I Grundy.
13. MANYUCHI KT. *Labour turnover in forest engineering: a review of the Southern African situation*. MScBosb Studieleier: Dr R Pulkki.
14. MASUTHA H. *Valuation of natural resource use by communities in Venda*. MSc Bosbwet Studieleier: Dr I Grundy.
15. MOSESANE N. *Sustainability of *Sclerocarya birrea* resource use in Botswana*. MScBosb Studieleier: Dr I Grundy.
16. NDAYAMBAJE JD. *Potential for joint management and multiple use of Nyungwe Forest, Rwanda*. MScBosb Studieleier: Dr I Grundy.
17. NEL J. *A generic shell for forestry growth and yield models*. MScBosb Studieleier: Prof BV Bredenkamp.
18. NICHOLLS S. *The effect of road conditions on forest transport in South Africa*. MScBosb Studieleier: Dr R Pulkki.
19. VERMAAK J. *Abnormal wood in *P. taeda**. MScBosb Studieleier: Prof G van Wyk.

## ENTOMOLOGIE EN NEMATOLOGIE / ENTOMOLOGY AND NEMATOLOGY

### Tydskrifartikels/Journal articles

1. GEERTSEMA H. Range expansion, distribution records and abundance of some Western Cape insects. *South African Journal of Science* 2000; **96**: 396-398.

2. GEERTSEMA H. Studies on African zygaenoid moths (Lepidoptera: Zygaenoidea): descriptions of final instar larvae of *Psycharium pellucens*, *P. montanum* and *Psycharium* sp. A, with notes on the larva of *P. barnardi* and *Somabrachys* (Somabrachyidae). *African Zoology* 2000; **35**: 99-113.
3. GEERTSEMA H. Studies on African zygaenoid moths (Lepidoptera: Zygaenoidea): *Parapsycharium* n.gen. (Somabrachyidae) from the Western Cape Province, South Africa. *African Zoology* 2000; **35**: 251-259.
4. GEERTSEMA H, VAN DEN HEEVER JA. First record of a late Cretaceous-Palaeocene tenebrionid from Southern Africa. *South African Journal of Science* 2000; **96**: 553-555.
5. GILIOMEE JH. Native insects expanding their ranges and becoming more abundant. *South African Journal of Science* 2000; **96**: 474, 504.
6. GROVE T, GILIOMEE JH, PRINGLE KL. Field evaluation of insecticides for the control of citrus thrips *Scirtothrips aurantii* (Thysanoptera: Thripidae), on mango. *African Plant Protection* 2000; **6**(1): 9-15.
7. GROVE T, GILIOMEE JH, PRINGLE KL. Treatment levels for citrus thrips, *Scirtothrips aurantii* (Thysanoptera: Thripidae), in mango orchards. *African Plant Protection* 2000; **6**(1): 17-20.
8. GROVE T, PRINGLE KL. A sampling system for estimating population levels of the citrus thrips, *Scirtothrips aurantii* Faure (Thysanoptera: Thripidae) in mango orchards. *African Entomology* 2000; **8**(2): 223-226.
9. HALLEEN F, HOLZ G, PRINGLE KL. Resistance in *Uninula necator* to triazole fungicides in South African grapevines. *South African Journal of Enology and Viticulture* 2000; **21**(2): 71-80.
10. KAPONGO JPT, GILIOMEE JH. The use of 'Effective Micro-organisms' (EM and EM5) in the biological control of house flies associated with poultry production. *African Entomology* 2000; **8**(2): 289-292.
11. MALAN AP, MEYER AJ. The reproduction and life cycle of a South African population of *Xiphinema* index. *South African Journal of Enology and Viticulture* 1999; **20**(2): 57-59.
12. MEYER AJ. Observations on nematode populations of undisturbed Fynbos compared with those of an adjacent vineyard and a pine plantation. *South African Journal of Enology and Viticulture* 1999; **8**(2): 75.
13. MOUTON PleFN, GEERTSEMA H, VISAGIE L. Foraging mode of a group-living lizard *Cordylus cataphractus* (Cordylidae). *African Zoology* 2000; **35**: 1-7.
14. WAKGARI WM, GILIOMEE JH. Fecundity, fertility and phenology of white wax scale, *Ceroplastes destructor* Newstead (Hemiptera: Coccidae), on citrus and *Syzigium* in South Africa. *African Entomology* 2000; **8**(2): 233-242.

### Verrigtinge internasionaal/Proceedings international

1. GEERTSEMA H, VAN DEN HEEVER JA. A new beetle (Afrocupes firmae) (Permocepidae) from the upper palaeozoic whitehill formation of South Africa. Proceedings of the 27th Earth Science Congress (Geocongress 2000). Stellenbosch, South Africa, 2000: 6.
2. GEERTSEMA H, VAN DIJK DE, VAN DEN HEEVER JA. Palaeozoic insects of Southern Africa. Proceedings of the 27th Earth Science Congress (Geocongress 2000). Stellenbosch, South Africa, 2000: 7.
3. GILIOMEE JH, KAPONGO JPT. *The biological control of house flies associated with poultry production*. Abstracts 21st International Congress of Entomology. Ioz do Ignassa, Brazil, 2000: 1539.
4. MEYER AJ. *Plant parasitic nematodes in deciduous fruit orchards and vineyards in the Western Cape Province of South Africa*. Third Congress of the Russian Society of Nematologists, St Petersburg, Russia, 1999; *Russian Journal of Nematology* 2000; **8**(1): 94.
5. VAN DIJK DE, GEERTSEMA H. Calliethaira (*Insecta: Mecoptera*) *Martynova 1958 (Perm: Europa)* C. granthami *Van Dijk & Geertsema 1999 (Perm: Africa)*. Proceedings of the 27th Earth Science Congress (Geocongress 2000). Stellenbosch, South Africa, 2000: 18.

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1. GEERTSEMA H, VAN DIJK DE, VAN DEN HEEVER JA. *Permian insects of Southern Africa*. Abstracts 11th Conference, Palaeontological Society of Southern Africa. Pretoria, 2000: 42.
2. VAN DIJK DE, GEERTSEMA H. *Calliethera (Insecta: Mecoptera) Martynova 1958 (Perm: Europa) C. granthami Van Dijk & Geertsema 1999 (Perm: Africa)*. Abstracts 11th Conference, Palaeontological Society of Southern Africa. Pretoria, 2000: 59.

**Referate internasionaal/Papers international**

1. MEYER AJ. *Xiphinema species in deciduous fruit orchards in the Western Cape Province of South Africa*. Annual Symposium of ONTA. Auburn, Alabama, USA, 2000.

**Referate nasionaal/Papers national**

1. MEYER AJ *Nematology training in South Africa: lessons from the past*. 24th Congress of NSSA. Dikoholo, 1999.

**Doktoraal afgehandel/Doctoral completed**

1. DAMAVANDIAN MR. *Biology of subterranean populations of woolly apple aphid, Eriosoma lanigerum (Hausmann) (Homoptera: Aphididae) in apple orchards*. PhD, 2000. 126 pp. Promotor: Dr KL Pringle.
2. WAKGARI WM. *Biology, ecology and management of white wax scale, Ceroplastes destructor Newstead (Homoptera: Coccidae), on Citrus and Syzygium*. PhD, 2000. 193 pp. Promotor: Prof JH Giliomee.

**Doktoraal lopend/Doctoral current**

1. ACHIANO KA. *The use of predatory beetles for the biological control of house flies*. PhD Promotor: Prof JH Giliomee.
2. BLOMEFIELD T. *The biology and ecology of the codling moth, Cydia pomonella Linn*. PhD Promotor/medepromotor: Prof JH Giliomee/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. *A monographic study of the genus Helicotylenchus (Nematoda: Hoplolaimidae)*. PhD (Agric) Promotor: Prof AJ Meyer.
5. VAN BILJON ER. *Towards an integrated control programme for nematode parasites of tobacco in South Africa*. PhD (Agric) Promotor: Prof AJ Meyer.
6. VAN ZYL J. *The biology of Heterodera schachtii in the Western Cape Province*. PhD (Agric) Promotor: Prof AJ Meyer.
7. 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. DE VILLIERS M. *Opname van plaaginsekte van weidingsgewasse in die Wes-Kaap*. MScAgric Studieleier/medestudieleier: Dr H Geertsema/dr KL Pringle.
2. HOBLOLO VL. *Field biology and identification of fruit flies in the Western Cape Province*. MSc Studieleier/medestudieleier: Dr KL Pringle/dr H Geertsema.
3. NEETHLING JvdW. *'n Studie van die plantparasitiese nematodes by wingerde in die Vredendal gebied*. MScAgric Studieleier: Prof AJ Meyer.
4. O'CONNELL R. *Die invloed van dekgewasse op die bevolkingsgetalle van plantparasitiese nematodes in wingerde in die Upington omgewing*. MScAgric Studieleier: Prof AJ Meyer.
5. RINI LA. *Artificial diets for mass rearing of Ceratitis capitata and Ceratitis rosa (Diptera: Tephritidae) using locally available ingredients*. MSc Studieleier: Dr KL Pringle.
6. VAN JAARSVELD AJ. *Occurrence of plant parasitic nematodes and woolly apple aphids in the rhizosphere of apple trees in the Western Cape*. MScAgric Studieleier/medestudieleier: Dr KL Pringle/prof AJ Meyer.

## GENETIKA / GENETICS

### Tydskrifartikels/Journal articles

1. MARAIS GF, BOTES WC, LOUW JH. Recurrent selection using male sterility and hydroponic tiller culture in pedigree breeding of wheat. *Plant Breeding* 2000; **119**: 440-442.
2. MCGREGOR CE, GREYLING MM, WARNICH L. The use of Simple Sequence Repeats (SSRs) to identify commercially important potato (*Solanum tuberosum* L.) cultivars in South Africa. *South African Journal of Plant and Soil* 2000; **17**(4): 177-179.
3. MCGREGOR CE, LAMBERT CA, GREYLING MM, LOUW JH, WARNICH L. A comparative assessment of DNA fingerprinting techniques (RAPD, ISSR, AFLP and SSR) in tetraploid potato (*Solanum tuberosum* L.) germplasm. *Euphytica* 2000; **113**: 135-144.

### Referate internasionaal/Papers international

1. BOTES WC, MARAIS GF. *Recurrent selection in wheat based on hydroponic tiller culture*. 6th International Wheat Conference. Budapest, Hungary, 2000.
2. BURGER JT, VAN STRATEN CD, VIVIER MA, PRETORIUS IS. *Progress in the establishment of grapevine leafroll disease resistant grape varieties*. 2nd International Viticulture and Enology Congress. Cape Town, South Africa, 2000.
3. BURGER JT, WILSEN KL. *Towards the introduction of a broad-spectrum antiviral mechanism into grapevine*. 13th Meeting of the International Council for the Study of Viruses of Grapevine. Adelaide, Australia, 2000.
4. DENMAN S, CROUS PW, SADIE A, WINGFIELD MJ. *Botryosphaeria canker of Protea Magnifica: disease development and control*. International Protea Growers Congress. Tenerife, Canary Islands, 2000.
5. DENMAN S, SADIE A. *An overview of an in vitro technique to screen Proteaceous genotypes for resistance to Phytophthora cinnamomi*. International Protea Growers Congress. Tenerife, Canary Islands, 2000.
6. LABUSCHAGNE IF, LOUW JH, SCHMIDT K, SADIE A. *Genetic variation and selection for chilling requirements in cross populations of apples*. XIth Meeting of the Section Biometrics in Plant Breeding. Paris, France, 2000.
7. WARNICH L, WASO H, GROENEWALD M, TAKETANI S. *Single nucleotide polymorphisms in the protoporphyrinogen oxidase gene promoter: functional relevance? Porphyrins and Porphyrins*. Paris, France, 2000.

### Referate nasionaal/Papers national

1. ANDERSEN I, GROENEWALD M, WARNICH L. *Development of SSR markers from sequence databases*. XVIIth Congress of the South African Genetics Society. Pretoria, 2000.
2. BADENHORST PC, MARAIS GF. *Determination of the chromosomal location of salt tolerance genes in Thinopyrum distichum and its possible introgression into triticale*. XVIIth Congress of the South African Genetics Society. Pretoria, 2000.
3. BOTES WC, MARAIS GF. *Recurrent selection in wheat based on hydroponic tiller culture*. XVIIth Congress of the South African Genetics Society. Pretoria, 2000.
4. BURGER JT, GRAF J-A, VAN STRATEN CD. *Construction of pDVC+. A plant expression vector bearing GFLV and GLRaV-III coat protein genes*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
5. CHRISTIANS GE, WARNICH L, LABUSCHAGNE IF. *Towards molecular tagging of a woolly apple aphid resistance gene in apple*. XVIIth Congress of the South African Genetics Society. Pretoria, 2000.
6. DU PLESSIS M, WALLECAN S. *The influence of temperature on sex differentiation in the mozambique tilapia, Oreochromis mossambicus*. XVIIth Congress of the South African Genetics Society. Pretoria, 2000.

7. GROENEWALD JZ, MARAIS GF. *AFLP analysis of 29 "Indis"-derived Lr19 deletion mutant lines*. XVIIIth Congress of the South African Genetics Society. Pretoria, 2000.
8. LEHMENSIEK A, ESTERHUIZEN A, RETIEF AE. *Genetic mapping of gray leaf spot (GLS) resistance in maize*. XVIIIth Congress of the South African Genetics Society. Pretoria, 2000.
9. LYNCH AG, WARNICH L, GOUWS R, LOUW JH. *Comparison of levels of genetic variation among Streptomyces scabies using DNA techniques*. XVIIIth Congress of the South African Genetics Society. Pretoria, 2000.
10. MARAIS GF, MARAIS AS. *Transfer of leaf rust resistance genes from Triticum turgidum ssp dicoccoides and T. timopheevii to common wheat (T. aestivum)*. XVIIIth Congress of the South African Genetics Society. Pretoria, 2000.

### **Doktoraal afgehandel/Doctoral completed**

1. LEHMENSIEK A. *Genetic mapping of gray leaf spot resistance genes in maize*. PhD, 2000. 168 pp. Promotor: Prof AE Retief.

### **Magister afgehandel/Master's completed**

1. BADENHORST PC. *Identification of molecular markers for Thinopyrum distichum chromosomes contributing to salt tolerance*. MSc, 2000. 95 pp. Studieleier: Prof GF Marais.
2. LYNCH AG. *Comparison of levels of the genetic diversity among Streptomyces scabies isolates of South Africa using various DNA techniques*. MSc, 2000. 107 pp. Studieleier: Prof L Warnich.
3. MORRIS MI. *Development of a marker-assisted screening technique for apple scab (Venturia inaequalis) resistance using RAPD and AFLP analysis*. MSc, 2000. 110 pp. Studieleier/medestudieleiers: Prof L Warnich/mnr IF Labuschagné en mev MG Fouché.
4. SHOLTO-DOUGLAS-VERNON C. *The identification of molecular markers for the Helminthosporium turcicum resistance gene (htl) in maize*. MSc, 2000. 108 pp. Studieleier: Prof AE Retief.
5. VAN STRATEN CD. *Isolation and characterisation of the coat protein gene of a South African isolate of grapevine leafroll associated virus III*. MSc, 2000. 124 pp. Studieleier: Dr JT Burger.
6. WILSEN KL. *Investigating the introduction of a broad-spectrum antiviral mechanism into grapevine*. MSc, 2000. 100 pp. Studieleier: Dr JT Burger.

### **Doktoraal lopend/Doctoral current**

1. BRINK D. *Genetic improvement of growth rate in rainbow trout*. PhD Promotor: Dr JH Louw.
2. DU PLESSIS M. *Studies on genetic variation in sex ratio, and growth potential in the indigenous tilapia, Oreochromis mossambicus*. PhD Promotor: Dr JH Louw.
3. ESTERHUIZEN AM. *Genetic markers for grey leaf spot resistance in maize*. PhD Promotor: Prof AE Retief.
4. GROENEWALD JZ. *Identification of polymorphic molecular markers for prominent structural genes on chromosome arm 7DL of common wheat*. PhD Promotor: Prof GF Marais.
5. LABUSCHAGNÉ IF. *Investigation of genetic variation in apple seedling chilling requirement*. PhD Promotor/medepromotor: Dr JH Louw/prof G Jacobs.
6. LAMBERT C-A. *Genetic mapping of the Helminthosporium resistance gene (Ht2) 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. BOTES WC. *Gebruik van genetiese manlike steriliteit in herhalende seleksie met koring (Triticum aestivum)*. MScAgric Studieleier: Prof GF Marais.

2. CHRISTIANS GE. *Identification of molecular markers linked to woolly apple aphid (Eriosoma lanigerum) resistance in apple*. MSc Studieleier: Prof L Warnich.
3. DE WIT AH. *Kwantitatiewe evaluering van die verband tussen liggaamskenmerke van reënboogforel (Onchorhynchus mikiss) op opeenvolgende ontwikkelingsstadia*. MSc Studieleier: Mnr D Brink.
4. ESTERHUYSE MM. *Identification of molecular markers to investigate the extent of hybridization in the species: Oreochromis mossambicus and O. niloticus using nuclear and mitochondrial DNA*. MScAgric Studieleier: Mnr D Brink.
5. HALL EG. *Population structure and DNA Microsatellite variation in 12 broodstock groups of Oreochromis mossambicus*. MScAgric Studieleier: Dr RI Lewis.
6. JACOBS JA. *Karakterisering van derivate uit 'n Thinopyrum distichum X tetraploiede rog kruising*. MSc Studieleier: Prof GF Marais.
7. KOEGELEMBERG AJ. *Molecular epidemiological study of variegate porphyria (VP) to determine the frequency of the founder gene mutation in various ethnic groups*. 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. MAREE HJ. *The expression and characterization of Dianthin, a ribosome inactivating protein*. MSc Studieleier/medestudieleier: Dr JT Burger/prof DU Bellstedt.
10. NORTIER CL. *The effects of inbreeding on the morphology, mortality and growth rate of the goldfish (Carassius Auratus)*. MSc Studieleier: Mnr D Brink.
11. RAMBURAN VP. *Genetic mapping of adult plant resistance to yellow rust in the South African Wheat cultivar (Kariega)*. MSc Studieleier/medestudieleier: Dr JH Louw/dr R Prins.
12. ROBYN A. *Genetic compatibility between taxonomically defined species of Leucadendron*. MScAgric Studieleier: Dr JH Louw.
13. ROSS-ADAMS HE. *The characterization of South African grapevine germplasm using microsatellite technology*. MSc Studieleier: Dr JT Burger.
14. STEYN I. *Investigating the possible influence of candidate modifier genes on the clinical expression of variegate porphyria*. MSc Studieleier: Prof L Warnich.
15. VAN ZYL B. *Molecular analysis of genetic variation and relationships amongst abalone broodstock (H. midae)*. MSc Studieleier: Mnr D Brink.
16. VORSTER G. *Evaluation of the components of additive and non-additive genetic variation in growth rate amongst three population of abalone, Haliotis midae, on the South African Coast*. MSc Studieleier: Mnr D Brink.

## GRONDKUNDE / SOIL SCIENCE

### Tydskrifartikels/Journal articles

1. STASSEN PJC, HOFFMAN E, GROVE HG. The relationship between tree dimensions, yield and nutritional requirements of mango. *Acta Horticulturae* 2000; (509): 347-351.

### Referate internasionaal/Papers international

1. AZZIE, FEY MV, WILLIS JP. *Major ion coherence in waters from selected South African collieries*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
2. CAVÉ L, FEY MV. *Nitrogen from rocks? Nitrogen leaching and speciation in laboratory experiments*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
3. CERUTI PO, FEY MV. *Biological and human health factors related to the environmental geochemistry of Maputaland, South Africa*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
4. ECHEVERRIA ME, FEY MV, WILLIS JP. *Impact of plantations on soil chemical properties in the eastern escarpment region of South Africa, with special reference to nitrogen status*.

- 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
5. FEY MV, KRUGER C. *Rehabilitation of mine spoils from open cast diamond workings in Namaqualand*. Remade Lands 2000: International Conference on the Remediation and Management of Degraded Lands. Australia, 2000.
  6. MAKHATHINI SC, FEY MV, WILLIS JP. *Environmental consequences associated with ash-stabilisation of organic sludges from coal gasification*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  7. MCKEOWN RS, FEY MV, WILLIS JP. *The geochemistry and rehabilitation of a sulphur-contaminated soil near Somerset West, South Africa*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  8. MEHLOMAKULU M, WILLIS JP, FEY MV. *The influence of peri-urban development on the Cape Flats aquifer*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  9. MILLER SJ, FEY MV, WILLIS JP. *Geochemistry of iron precipitates clogging Karoo wells*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  10. MILLS AJ, FEY MV. *The disposal of saline effluents over pastures: growth of kikuyu grass in pots treated with varying levels of sodium salts and a manganese rich effluent*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  11. MILLS AJ, FEY MV. *The effect of fire on soil crusting and runoff in African savannas*. ISCO 2000, International Soil Conservation Organisation. Buenos Aires, Argentina, 2000.
  12. MILLS AJ, FEY MV. *The effect of fire on water infiltration and nutrient availability in African savannas: implications for managing ecosystem recovery*. Remade Lands 2000: International Conference on the Remediation and Management of Degraded Lands. Australia. 2000.
  13. O'BRIEN RD, FEY MV, WILLIS JP. *The co-neutralisation of acid mine drainage and fly ash*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  14. PAPINI AG, FEY MV, VAN SCHOOR L. *A geochemical study of the effects of land-treating grape-processing effluent near Robertson, Western Cape*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.
  15. ROZANOV A. *Buried soils of Sekukuneland*. Proceedings of the International Symposium on Gully Erosion under Global Change. Leuven, Belgium, 2000.
  16. WHYTE SR, FEY MV, WILLIS JP. *A geochemical investigation of the Lake Sibaya system, Northern Zululand*. 5th International Symposium on Environmental Geochemistry. Cape Town, South Africa, 2000.

### Referate nasionaal/Papers national

1. AZZIE BA, FEY MV, WILLIS JP. *Quality and classification of underground water in selected collieries on the highveld*. Water Institute of South Africa Biennial Conference and Exhibition. Sun City, 2000.

### Navorsingsverslag/Research report

1. FEY MV, ABANDA AP, MONGWE G, ROZANOV A, NDALA S, SCHOLES M, TARASOVA T, EGOH B. *Sensitivity of the soil environment to the deposition of acidifying air pollutants in South Africa*. Report No. RES/RR/00/00174, Eskom Technology Services International, Johannesburg, 2000. 89 pp.

### Doktoraal Iopend/Doctoral current

1. CERUTI PO. *Trace elements and their agronomic and health implications in soils of Maputaland*. PhD Promotor: Prof MV Fey.
2. KNIGHT F. *Management of nitrogen fertilizers in potato cultivation in the Cape sandveld*. PhD Promotor: Prof MV Fey.

3. MILLS AJ. *Land management impacts on soil quality in selected South African ecosystems*. PhD Promotor: Prof MV Fey.
4. VOLSCHENK T. *The effect of saline irrigation water on the vegetative growth and yield of Palsteyn apricots*. PhD Promotor: Dr MD Cramer.

### Magister Iopend/Master's current

1. AGENBACH G. *Soil factors influencing wine quality through potassium regulation*. MSc Studieleier: Prof MV Fey.
2. BURGERS C. *Characterisation of reaction products from fly ash and acid mine drainage*. MSc Studieleier: Prof MV Fey.
3. DE BRUYN F. *Evaluating fertilizer efficiency in high income crops*. MSc Studieleier: Dr E Hoffman.
4. ENGELBRECHT GP. *Die invloed van verskillende lowerbehandelings en bemestings op die K-inhoud, pH en kleur van druiwesap en wyn. [Influence of vineyard and soil management practices on the potassium content and quality of grape juice and wine]*. MSc Studieleier: Mnr D Saayman.
5. ENGELBRECHT H. *Soutbalans modellering in die Bergriviervallei. [Salt balance modelling in the Berg River valley]*. MSc Studieleiers: Mnr WP de Clercq en dr E Hoffman.
6. HOWELL CL. *Verbetering van die bestaande metode waarvolgens waterhouvermoë van gronde op 'n roetinebasis bepaal word. [Improvement of methods for routine determination of soil water capacity]*. MSc Studieleier: Dr E Hoffman.
7. KOTZE TG. *Acidification of sandy soils resulting from fertigation of citrus*. MSc Studieleiers: Prof MV Fey en dr E Hoffman.
8. MONGWE G. *Soil organic matter status of natural and plantation forests in the Northern Province*. MSc Studieleiers: Dr A Rozanov en prof MV Fey.
9. SMUTS MN. *Determination of the lime requirement of sandy, organically rich, and structured, high Mg:Ca ratio soils by the Eksteen method*. MSc Studieleier: Mnr JJN Lambrechts.
10. VAN SCHOOR LH. *Geology, particle size distribution and clay fraction mineralogy of selected vineyard soils in South Africa and the possible relationship with grapevine performance*. MSc Studieleier: Mnr JJN Lambrechts.

## HORTOLOGIE / HORTICULTURAL SCIENCE

### Tydskrifartikels/Journal articles

1. COOK NC, JACOBS G. Progression of apple (*Malus x domestica* Borkh.) bud dormancy in two mild winter climates. *Journal of Horticultural Science and Biotechnology* 2000; **75**(2): 233-236.
2. COOK NC, JACOBS G. Suboptimal winter chilling impedes development of acrotony in apple shoots. *HortScience* 1999; **34**(7): 1213-1216.
3. COOK NC, STRYDOM DK. The South African high density system. *Acta Horticulturae* 2000; **513**(3): 321-327.
4. COOK NC, VERHAEGEN K, KEULEMANS J, JACOBS G. Manipulation of acrotony in one-year-old apple shoots. *South African Journal of Plant and Soil* 2000; **17**(3): 108-112.
5. GIL MI, TOMAS-BARBERAN FA, HESS-PIERCE B, HOLCROFT DM, KADER AA. Antioxidant activity of pomegranate juice and its relationship with phenolic composition and processing. *Journal of Agricultural and Food Chemistry* 2000; **48**: 4581-4589.
6. THERON KI, STEYN WJ, JACOBS G. Induction of proleptic shoot formation on pome fruit nursery trees. *Acta Horticulturae* 2000; **514**(4): 235-243.
7. VAN ZYL AJJ, RABE E. Early field performance of own-rooted citrus scions and scions budded to nucellar and clonally-propagated rootstocks. *Journal of the Southern African Society for Horticultural Sciences* 1999; **9**(2): 90-93.



**Verrigtinge nasionaal/Proceedings national**

1. COOK NC. *Problems associated with current chilling models*. Proceedings of the Cape Pomological Association. Stellenbosch, 2000: 148-149.
2. COOK NC. *Some problems associated with currently used bud dormancy chilling models*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 19.
3. DU PLOOY P, JACOBS G, COOK NC. *Branching habits in pear trees classified on the basis of length and position of one-year-old laterals on two-year-old branches*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 20.
4. DU TOIT PG, HUYSAMER M, JACOBS G, HOLCROFT DM. *Ethylene shortens the prerequisite cold storage period for normal ripening of 'Forelle' pears*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 54.
5. HOLCROFT DM. *Proven and promising techniques for maintaining postharvest quality*. *The Farmer* 2000; **28**(9): 4-5.
6. JACOBS JN, COOK NC. *Temperature effects on apple and pear bud dormancy*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 25.
7. LE GRANGE M, WAND SJE, THERON KI. *Effect of kaolin application on sunburn of apple and pear*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 29.
8. MARAIS E, JACOBS G, HOLCROFT DM. *Light and temperature affect postharvest colour development in 'Cripps Pink' apples*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 32.
9. MARAIS E, JACOBS G, HOLCROFT DM. *Postharvest irradiation affects colour development in bi-coloured pome fruit*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 63.
10. MUDAU FN, THERON KI, RABE E. *Effects of N, P and K on yield and fruit quality in citrus*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 35.
11. RABE E. *Break-even analysis of different high density spacing and training systems in mandarins*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 38.
12. RABE E, VAN ZYL I, SCHOEMAN SP, VERREYNNE S, HOFFMAN E, WAND SJE. *Concepts underlying the open hydroponic system of fertigation*. Proceedings of the Fertilization Symposium, Fertilizer Society of South Africa. Pretoria, 2000: 31-54.
13. SCHOEMAN SP, WAND SJE, RABE E. *A physiological view of citrus open hydroponics*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 39.
14. STEYN WJ, HOLCROFT DM, WAND SJE, COOK NC, JACOBS G. *Dating Rosemarie: how to make her blush?* Proceedings of the Cape Pomological Association. Stellenbosch, 2000: 55-62.
15. STEYN WJ, WAND SJE, HOLCROFT DM, JACOBS G. *Red colour loss in apples and pears*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 43.
16. VAN RENSBURG PJJ, KRAJEWSKI A, RABE E. *Alternate bearing in Clementine easy-peeler citrus*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 44.
17. VAN ZYL I, HOFFMAN JE, RABE E. *Irrigation and fertigation system effects on citrus root: distribution and soil characteristics*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 46.
18. WAND SJE. *Climate change in the deciduous fruit industry: are we in for a rough ride?* Proceedings of the Cape Pomological Association. Stellenbosch, 2000: 26-31.
19. WAND SJE. *Potential impacts of climate change on the deciduous fruit industry of the Western Cape*. Abstracts of the Southern African Society for Horticultural Sciences. Nelspruit, 2000: 47.

**Referate internasionaal/Papers international**

1. DU TOIT PG, JACOBS G, HUYSAMER M, HOLCROFT DM. *Ethylene shortens the pre-requisite cold storage period for normal ripening of 'Forelle' pears*. Postharvest 2000. Jerusalem, Israel, 2000.
2. ESLER KJ, MIDGLEY GF, RUNDEL PW, WAND SJE. *Functionality of prostrate-leaved geophytes in semi-arid South Africa: an investigation of ecophysiological hypotheses*. International Medecos IX Conference of Ecology of Mediterranean Ecosystems. Stellenbosch, South Africa, 2000.
3. GERBER AI, THERON KI, JACOBS G. *Mature overwintering leaves are essential for inflorescence initiation and development in Protea cvs Carnival and Lady Di*. 10th International Protea Association Conference. Tenerife, Spain, 2000.
4. HETTASCH HB, THERON KI, JACOBS G. *Dry mass accumulation and carbohydrate allocation in successive growth flushes of Protea 'Sylvia' and Protea 'Carnival' shoots*. 10th International Protea Association Conference. Tenerife, Spain, 2000.
5. MARAIS E, JACOBS G, HOLCROFT DM. *Light and temperature affect postharvest colour development in 'Cripps' Pink' apples*. Postharvest 2000. Jerusalem, Israel, 2000.
6. MARAIS E, JACOBS G, HOLCROFT DM. *Postharvest irradiation affects colour development in bi-coloured pome fruit*. Postharvest 2000. Jerusalem, Israel, 2000.
7. RABE E. *Fruit thinning for enhanced fruit size: an overview of strategies*. Congress, International Society of Citriculture. Orlando, Florida, 2000.
8. RABE E, TURNER PA. *The new South African persimmon industry: rationale and proposed spacing and training systems*. 2nd International Symposium on Persimmon. Sunshine Coast, Queensland, Australia, 2000.
9. STEPHENS IA, HOLCROFT DM, JACOBS G. *Low temperature and girdling extend vase life of 'Sylvia' proteas*. 10th International Protea Association Conference. Tenerife, Spain, 2000.
10. THERON KI, LE GRANGE M, SMIT M, REYNOLDS S, JACOBS G. *Controlling vigour and colour development in the bi-coloured pear cultivar 'Rosemarie'*. VIII International Pear Symposium. Ferrara & Bologna, Italy, 2000.
11. WHITE AG, THERON KI, PURBRICK J. *The pear industry in Australia, New Zealand and South Africa: production trade and variety ranges*. VIII International Pear Symposium. Ferrara & Bologna, Italy, 2000.

**Referate nasionaal/Papers national**

1. HOLCROFT DM. *Postharvest treatment of fruit and vegetables*. Tomato Day – Tomato Producers Organisation. Robertson, 2000.
2. HOLCROFT DM. *Proven and promising techniques for maintaining postharvest quality*. Fresh Produce 2000. Johannesburg, 2000.

**Doktoraal afgehandel/Doctoral completed**

1. GERBER AI. *Flower initiation and development in selected cultivars of the genus Protea*. PhD, 2000. 124 pp. Promotor/medepromotor: Prof G Jacobs/prof KI Theron.

**Magister afgehandel/Master's completed**

1. BURGER DA. *Postharvest berry split and abscission in 'Thompson Seedless' and 'Waltham Cross' table grapes*. MScAgric, 200. 182 pp. Studieleier/medestudieleiers: Dr MA Taylor/prof G Jacobs en dr M Huysamer.
2. DU TOIT PG. *Physiological responses of pears to exogenous ethylene and preharvest factors influencing postharvest quality with reference to 'Forelle' and 'Packham's Triumph' pears*. MScAgric, 2000. 127 pp. Studieleier/medestudieleier: Dr DM Holcroft/prof G Jacobs.
3. HALGRYN PJ. *Cross pollination biology of apples with special reference to 'African Red'*. MScAgric, 2000. 105 pp. Studieleier/medestudieleier: Prof KI Theron/dr NC Cook.
4. LOMBARD C. *Fruit size improvement of 'Royal Gala' apples*. MScAgric, 2000. 115 pp. Studieleier/medestudieleier: Prof KI Theron/dr NC Cook.

5. MARAIS E. *Postharvest manipulation of fruit colour in apples and pears*. MScAgric, 2000. 105 pp. Studieleier/medestudieleier: Dr DM Holcroft/prof G Jacobs.
6. MUDZUNGA J. *Enhancement of vegetative growth in young citrus plantings*. MScAgric, 2000. 106 pp. Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.

### Doktoraal lopend/Doctoral current

1. STEYN W. *Physiological studies of colour development in apples and pears*. PhD (Agric), Promotor/medepromotors: Prof G Jacobs/drs DM Holcroft, SJE Wand en NC Cook.

### Magister lopend/Master's current

1. CRONJE PJR. *Improvement of apple fruiting wood quality for the production of quality fruit*. MScAgric Studieleier: Dr NC Cook.
2. DU PLOOY P. *A study of fruiting habits in pear trees*. MScAgric Studieleier/medestudieleier: Dr NC Cook/prof G Jacobs.
3. GOOSEN D. *Factors influencing the production of elongated lemons*. MScAgric Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.
4. JACOBS J. *Rootstock and dormancy studies in apple and pear*. MScAgric Studieleier: Dr NC Cook.
5. KRUGER L. *Postharvest physiology and controlled atmosphere storage of plums, and other fruits*. MScAgric Studieleier/medestudieleier: Dr DM Holcroft/dr NC Cook.
6. LE GRANGE M. *Effect of kaolin application on apple fruit quality*. MScAgric Studieleier/medestudieleier: Prof KI Theron/dr S Wand.
7. MARTIN EM. *Postharvest physiology of 'Forelle' pears, with an emphasis on 'mealiness'*. MScAgric Studieleier: Dr DM Holcroft.
8. MUDAU FN. *Yield and fruit quality aspects of citrus relative to foliar sprays of macronutrients*. MScAgric Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.
9. NIEUWOUDT G. *Factors affecting flower initiation in proteas*. MScAgric Studieleier: Prof G Jacobs.
10. PRETORIUS JJB. *The effect of irrigation and other cultural practices on the ecophysiology of selected apple and pear cultivars*. MScAgric Studieleier: Dr SJE Wand.
11. RABIE L. *An evaluation of the specific apple replant problem in Western Cape orchard soils using a pot test*. MScAgric Studieleier/medestudieleier: Dr NC Cook/me S Denman.
12. REYNOLDS S. *Red colour improvement of Forelle, Rosemarie and Flamingo pears*. MScAgric Studieleier/medestudieleiers: Prof KI Theron/dr M Huysamer en prof G Jacobs.
13. SCHMEISSER M. *Identification and manipulation of pigments in Leucadendrons*. MScAgric Studieleier/medestudieleier: Prof G Jacobs/dr DM Holcroft.
14. SCHOEMAN SP. *Horticultural aspects relative to the open hydroponic system of irrigation and fertilization*. MScAgric Studieleier/medestudieleier: Prof E Rabe/dr SJE Wand.
15. SMIT M. *Effect of prohexadione-Ca on fruit quality of stone and pome fruit*. MScAgric Studieleier/medestudieleier: Prof KI Theron/prof G Jacobs.
16. STEPHENS AI. *Studies on the postharvest physiology of selected fynbos cut flowers*. MScAgric Studieleier/medestudieleier: Prof G Jacobs/dr DM Holcroft.
17. VAN ZYL I. *Evaluation of tree physiological parameters relative to fertigation/open hydroponics in citrus*. MScAgric Studieleier/medestudieleier: Dr E Hoffman/prof E Rabe.

## HOUTKUNDE / WOOD SCIENCE

### Tydskrifartikels/Journal articles

1. BOTHA AH, GERISCHER GFR. Measurement error in the determination of Kappa number. *Tappsa Journal* 2000; **July**: 33-36.
2. VERMAAS HF. Primary processing of Eucalypts and factors affecting it. *SA Bosbou-tydskrif* 2000; **187**(Maart): 37-44.

### Referate internasionaal/Papers international

1. GERISCHER GFR. *Verstärkungsfasern für Kommunikationspapiere*. 14th PTS Symposium 2000 Chemical Technology of Papermaking. München, Germany, 2000.

### Referate nasionaal/Papers national

1. GERISCHER GFR. *Light-weight building bricks from deinking sludge*. CEMSA 2000: 2nd International Conference and Exhibition on Integrated Environmental Management in SA. East London, 2000.
2. GERISCHER GFR, DOMMISSE EJ, BAECKER A. *Fungal pretreatment of wood chips with a consortium of fungal cultures to enhance alkaline pulping*. TAPPSA African Pulp & Paper Week. Durban, 2000.

### Magister afgehandel/Master's completed

1. SCHEEPERS GC. *Enzymatic pitch control in the Kraft pulping and bleaching of Eucalyptus spp.* MSc, 2000. 108 pp. Studieleier/medestudieleier: Dr BJH Janse/dr T Rypstra.

### Doktoraal lopend/Doctoral current

1. SCHEEPERS GC. *The investigation and control of staining of SA pine during drying*. PhD Promotor: Dr T Rypstra.

### Magister lopend/Master's current

1. DYANTYI S. *Application of fungal co-cultures in biobleaching and its benefits in chlorine-free bleaching*. MScBosb Studieleier: Prof GFR Gerischer.
2. HOTON A. *Bugweed (Solanum mauritanium) a potentially high quality short fibre source for papermaking*. MSc Studieleier: Prof GFR Gerischer.
3. MJI N. *Aqueous extraction of wood chips prior to co-culture fungal pre-treatment for alkaline biopulping*. MSc Studieleier: Prof GFR Gerischer.
4. MOSTERT F. *The reduction in water absorption of sludge/cement composites with various additives*. MSc Studieleier: Prof GFR Gerischer.
5. MULLER R. *Development of a solar kiln for the drying of hardwood*. MSc Studieleier: Dr DE Steinmann.
6. MULLER-STEYN M. *Sticky control with image analysis*. MSc Studieleier: Prof GFR Gerischer.
7. THYHODA L. *The characterization and evaluation of N-modified lingo-cellulosic residue for rehabilitation of soils*. MSc Studieleier: Prof GFR Gerischer.

## LANDBOU-EKONOMIE / AGRICULTURAL ECONOMICS

### Tydskrifartikels/Journal articles

1. KRABBE OE, VINK N. Searching for comparative advantage in commercial sugar cane production in South Africa: a PAM analysis. *Agrekon* 2000; **39**(2): 161-172.
2. TROSKIE DP, VINK N, WALLACE M. Implications of a deregulated wheat market for the Western Cape Province: evaluation with the aid of a spatial model. *Agrekon* 2000; **39**(1): 10-25.

### Referate internasionaal/Papers international

1. DE BRUYN P, DE BRUYN JN, VINK N, KIRSTEN JF. *How transaction costs influence cattle marketing decisions in the northern communal areas of Namibia*. 24th International Conference of Agricultural Economists. Berlin, 2000.
2. HOBSON L, TREGURTHA N, VINK N. *Rural tourism in the Western Cape: an untapped opportunity*. 1st World Forum in Agritourism and Rural Tourism. Perugia, Italy, 2000.

3. NOWERS R, MYBURGH AS, DE VILLIERS E. *The contribution of wine routes in the Western Cape of South Africa towards a sustainable agritourism industry: some lessons and experiences*. 1st World Forum on Agritourism and Rural Tourism. Perugia, Italy, 2000.
4. VAN DER SPUY AL, LAUBSCHER J. *Efficiency of milk production systems*. Proceedings of the 5th Biannual Conference of the African Farm Management Association. Kampala, Uganda, 2000.
5. VINK N. *Deregulation and input use trends in South African agriculture*. IFDC/FSSA/ GTZ Conference on Economic Policy Reforms and Agricultural Input Markets: Experiences, Lessons, and Challenges. International Fertilizer Development Center, Fertilizer Society of South Africa and Deutsche Gesellschaft für Technische Zusammenarbeit. Cape Town, South Africa, 2000.

### Referate nasionaal/Papers national

1. ERASMUS B, VAN JAARSVELD A, VAN ZYL J, VINK N. *The effects of climate change on the farm sector in the Western Cape*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
2. GOUS M, KIRSTEN J, TREGURTHA N. *Producer support estimate (PSE) for South African agriculture for 1996, 1997, 1998*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
3. KARAAN ASM. *Appraising the prospects of contract farming in oyster production in South Africa. the case of diamond coast oysters*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
4. KIRSTEN JF, VINK N, COETZEE GK, TREGURTHA N. *An assessment of the policy, budgetary and implementation fit of the budget of the National Department of Agriculture*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
5. PRETORIUS C, KLEYNHANS TE, LOUW DB. *The development of a spatial decision support system to optimise agricultural resource use in the Western Cape*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
6. TROSKIE DP, MATHIJS E, VINK N. *Characteristics of the agricultural sector of the 21st century*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.
7. VINK N. *Agricultural policy research in South Africa: challenges for the future*. Annual Conference of the Agricultural Economics Association of South Africa. Sun City, 2000.

### Boeke/Books

1. THIRTLE C, VAN ZYL J, VINK N, (eds). *South African agriculture at the crossroads: an empirical analysis of efficiency, technology and productivity*. MacMillan, London, 2000. 330 pp.

### Hoofstukke in boeke/Chapters in books

1. MBONGWA M, VINK N, VAN ZYL J. The agrarian structure and empowerment: the legacy. In: Thirtle C, Van Zyl J, Vink N, (eds). *South African Agriculture at the Crossroads: An Empirical Analysis of Efficiency, Technology and Productivity*. Macmillan, London: 6-21.
2. VAN ZYL J, THIRTLE C, VINK N. A new vision for agriculture in South Africa. In: Thirtle C, Van Zyl J, Vink N, (eds). *South African Agriculture at the Crossroads: An Empirical Analysis of Efficiency, Technology and Productivity*. Macmillan, London: 297-305.
3. VINK N, KIRSTEN J, VAN ZYL J. Agricultural policy: undoing the legacy of the past. In: Thirtle C, Van Zyl J, Vink N, (eds). *South African Agriculture at the Crossroads: An Empirical Analysis of Efficiency, Technology and Productivity*. Macmillan, London: 22-44.

### Doktoraal afgehandel/Doctoral completed

1. VILJOEN HC. *'n Kommunikasie-strategie vir die Nasionale Departement van Landbou ter ondersteuning van kleinboerontwikkeling*. PhD, 2000. 201 pp. Promotor: Prof J Laubscher.

**Magister afgehandel/Master's completed**

1. DU TOIT CvdM. *Nasionale mededingende voordeel: die Suid-Afrikaanse appelbedryf*. MScAgric, 2000. 215 pp. Studieleier: Prof J Laubscher.
2. KIRSTEN JF. *Die neem van bemerkingsbesluite deur die individuele sagtevrugteproducent in 'n gedereguleerde markomgewing*. MAgricAdmin, 2000. 107 pp. Studieleier: Dr AS Myburgh.
3. MEISSENHEIMER DJ. *'n Waardeketting ontleding van die Suid-Afrikaanse wynbedryf*. MAgricAdmin, 2000 139 pp. Studieleier: Mnr ASM Karaan.
4. SCHULZE EHRING M. *An investigation into the options and prospects of family farming in South Africa: Implications for agricultural policy*. MAgricAdmin, 2000 143 pp. Studieleier: Prof N Vink.
5. TWEEDALE DN. *The development and use of a blended, organically based fertiliser on sugar cane in the KwaZulu-Natal Midlands*. MAgricAdmin, 2000. 134 pp. Studieleier: Dr JP Lombard.
6. VAN EEDEN FJ. *Koste besparende produksiepraktyke vir kleingraanproduksiestelsels in die Suid-Kaap*. MScAgric, 2000. 148 pp. Studieleier: Prof J Laubscher.
7. VAN ROOYEN R. *The comparative advantage of commercial wheat production in the Western Cape*. MAgricAdmin, 2000. 129 pp. Studieleier: Prof N Vink.

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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. MAKHWAJE E. *Investigation of agricultural resource information provision by the public sector in Botswana*. PhD Promotor: Prof TE Kleynhans.
4. ROUX AW. *The effects of trade liberalisation on the Namibian beef industry*. PhD Promotor: Prof N Vink.
5. TROSKIE DP. *Voorgestelde aanpassings vir die landboustelsels van die Wes-Kaap Provinsie*. PhD Promotor: Dr TE Kleynhans.
6. VENTER GCR. *Evaluation of financial services provision to farmers in the Free State*. PhD Promotor: Prof N Vink.

**Magister lopend/Master's current**

1. BORNMAN R. *Die mededingendheid van die groente aanbodsketting in die uitvoer van groente na Europa*. MComm Studieleier: Mnr ASM Karaan.
2. BURGER J. *'n Ondersoek na die lewensvatbaarheid van die plaasverpakking versus die koöperatiewe verpakking van sitrusvrugte*. MScAgric Studieleier: Prof J Laubscher.
3. DE BRUYN P. *Die bemerking van lewende hawe in die kommunale gebiede van Noordelike Namibië*. MAgricAdmin Studieleier: Prof N Vink.
4. DE KLERK PN. *Information technology management, with specific emphasis on the usage of computers and computer networks to enhance the flow of information in agriculture*. MComm Studieleier: Dr JP Lombard.
5. HOFFMANN WH. *Die winsgewendheid van wisselbou in die Swartland*. MScAgric Studieleier: Prof J Laubscher.
6. LUTGE RB. *Analysis into the effectiveness of the provincial agricultural research system of KwaZulu-Natal and the Western Cape*. MAgricAdmin Studieleier: Prof TE Kleynhans.
7. TRUTER JL. *Ontwikkeling en evaluering van 'n model vir meganisasiëbesluitneming in die wingerdboubedryf*. MComm Studieleier: Dr JP Lombard.
8. 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.
9. VAN SCHALKWYK SJ. *Die ontwikkeling van 'n gerekenariseerde model vir die bepaling van die lewensvatbaarheid van 'n boerdery-onderneming*. MScAgric Studieleier: Dr JP Lombard.

10. VAN ZYL PL. 'n *Ekonomiese evaluering van verskillende produksiestelsels by volstruisboerdery in die Oudtshoorn-omgewing*. MScAgric Studieleier: Dr JP Lombard.
11. VISSER C. *Cooperative wineries: aligning corporate and marketing strategy with market changes*. MScAgric Studieleier: Prof N Vink.

## NATUURBEWARING / NATURE CONSERVATION

### Tydskrifartikels/Journal articles

1. DEAN WJR, MILTON SJ. Bird boffins in Brisbane. *South African Journal of Science* 2000; **96**(8): 414-416.
2. DEAN WRJ, MILTON SJ. Directed dispersal of *Opuntia* species in the Karoo, South Africa: are crows the responsible agents? *Journal of Arid Environments* 2000; **45**(4): 305-314.
3. ECCARD JA, WALTHER RB, MILTON SJ. How livestock grazing affects vegetation structures and small mammal distribution in the semi-arid Karoo. *Journal of Arid Environments* 2000; **46**(2): 103-106.
4. MILTON SJ. Community-based conservation: exploring positive feedbacks between economic development and natural resource conservation. *South African Journal of Science* 2000; **96**(3): 119-120.
5. MILTON SJ, DEAN WRJ. Disturbance, drought and dynamics of desert dune grassland, South Africa. *Plant Ecology* 2000; **150**(1-2): 37-51.
6. RICHARDSON DM, ALLSOPP N, D'ANTONIO C, MILTON SJ, REJMANEK M. Plant invasions – the role of new mutualisms. *Biological Reviews* 2000; **75**: 65-93.
7. SALTZ D, WARD D. Responding to a three-pronged attack: desert lilies subject to herbivory by dorcas gazelles. *Plant Ecology* 2000; **148**: 127-138.
8. WARD D. Is there a trade-off between egg size and clutch size in polyandrous shorebirds? *Journal of Avian Biology* (previously *Ornis Scandinavica*) 2000; **31**: 473-478.
9. WARD D, NGAIRORUE BT. Are Namibia's grasslands desertifying? *Journal of Range Management* 2000; **53**: 138-144.
10. WARD D, NGAIRORUE BT, APOLLUS A, TJIVEZE H. Perceptions and realities of land degradation in arid Otjimbingwe, Namibia. *Journal of Arid Environments* 2000; **45**: 337-356.
11. WARD D, SALTZ D, OLSVIG-WHITTAKER L. Distinguishing signal from noise: long-term studies on plant population dynamics in Makhtesh Ramon. *Plant Ecology* 2000; **150**: 27-36.
12. WARD D, SMITH JNM. Brown-headed Cowbird parasitism results in a sink population in Warbling Vireos. *The Auk* 2000; **117**(2): 337-344.
13. WIEGAND K, JELTSCH F, WARD D. Do spatial effects play a role in the spatial distribution of desert-dwelling *Acacia raddiana*? *Journal of Vegetation Science* 2000; **11**: 473-484.
14. WIEGAND T, MILTON SJ, ESLER KJ, MIDGLEY G. Live fast, die young: estimating size-age relations and mortality pattern of shrub species in the semi-arid Karoo, South Africa. *Plant Ecology* 2000; **150**: 115-131.
15. WIEGAND K, SCHMIDT H, JELTSCH F, WARD D. Linking a spatially explicit model of Acacias to GIS and remotely-sensed data. *Folia Geobotanica* 2000; **35**: 211-230.
16. WIEGAND K, WARD D, THULKE H-H, JELTSCH F. From snapshot information to long-term population dynamics of Acacias by a simulation model. *Plant Ecology* 2000; **150**: 97-114.

### Verrigtinge internasionaal/Proceedings international

1. OETTLÉ EE, WALTERS M, PEPLER D. *Sparrowhawks in the southern Western Cape: benefit from cooperative conservation*. *Raptors at risk* 2000: 379-382.

2. SHRESTHA MK, WARD D, GOLAN-GOLDHIRSH A. *Genetic diversity and water stress in isolated Negev desert populations of Acacia raddiana*. Communicating and Advancing Ecology, Ecological Society of America 85th Annual Meeting. Snowbird, Utah, 2000: 337.
3. WARD D, NGAIRORUE BT, KARAMATA J, KAPOFI I. *The effects of communal and commercial pastoralism on vegetation and soils in an arid and a semi-arid region of Namibia*. Proceedings IAVS Symposium. Uppsala, Sweden, 2000: 344-347.

### **Referate internationaal/Papers international**

1. BOHRER G, KAGAN-ZUR V, ROTH-BEJERANO N, WARD D. *Evidence of host preferences in natural communities of VAM fungi from the Kalahari desert*. 85th Annual Meeting of the Ecological Society of America. Snowbird, Utah, USA, 2000.
2. LEVY A, MENDLINGER S, SALTZ D, WARD D. *Establishing the relationship between compact sand and dune populations of desert lily (*Pancratium sickenbergeri*) in Makhtesh Ramon using genetic analysis*. 85th Annual Meeting of the Ecological Society of America. Snowbird, Utah, USA, 2000.
3. MILTON SJ. *Sustainable use of plants and vegetation*. Lecture given at Mozambique National Directorate of Forestry and Wildlife. Hotel Paloma, 2000.
4. OR K, WARD D. *Maternal effects on the life histories of *Caryedon palestinicus* (Bruchidae) infesting *Acacia raddiana* in the Negev desert and Arava valley of Israel*. 85th Annual Meeting of the Ecological Society of America. Snowbird, Utah, USA, 2000.
5. PEPLER D. *The Lesser Kestrel (*Falco naumanni*) in Africa: Migration routes and habitat selection in the non-breeding areas*. A Joint Meeting of the Raptor Research Foundation and the WWGBP. Eilat, Israel, 2000.
6. PEPLER D, WESTDYK D. *Diet of *Sus scrofa* in the southern Western Cape Province, South Africa: provisional results*. 3rd International Wild Boar Symposium. Uppsala, Sweden, 2000.
7. PIENAAR H, PEPLER D. *Recent attempts at a national census for Lesser Kestrels (*Falco naumanni*) overwintering in South Africa*. A Joint Meeting of the Raptor Research Foundation and the WWGBP. Eilat, Israel, 2000.
8. RUIZ N, WARD D, SALTZ D. *Avoidance and tolerance strategies of the desert lily to resist herbivory*. Evolution 2000. Bloomington, Indiana, USA, 2000.

### **Referate nasionaal/Papers national**

1. KRAAIJ T, WARD D. *Effects of fire, rainfall, nutrients and grazing on bush encroachment in semi-arid savanna*. Poster presented at NRF Arid Zone Forum. Kakamas, 2000.
2. MILTON SJ. *Biodiversity and resource conservation in the real world*. Inaugural address, University of Stellenbosch. Stellenbosch, 2000.
3. MILTON SJ. *Birds as bio-prospectors*. Lecture given at Experimental Biology Group Spring Symposium. University of the Western Cape, 2000.
4. MILTON SJ. *The impact of plantation forestry on biodiversity*. Lecture given at the Natural Resources Seminar of the South African Institute of Forestry. Stellenbosch, 2000.
5. MILTON SJ. *The Karoo ecosystem*. Lecture given at Population and habitat viability assessment workshop for the endangered riverine rabbit. University of Stellenbosch, Stellenbosch, 2000.
6. MOSESANE NE. *Factors affecting marula demography in eastern Botswana*. Poster presented at NRF Arid Zone Forum. Kakamas, 2000.
7. SCHMIDT A, MILTON SJ, LE ROUX A. *A study to evaluate rehabilitation methods in the Succulent Karoo*. Poster presented at NRF Arid Zone Forum. Kakamas, 2000.
8. SIEBERHAGEN A. *The conservation status and rehabilitation potential of the indigenous *Witvis*, *Barbus andrewi**. Poster presented at Managing Nature: theory, practice and education. Wildlife Management Association Symposium, Pretoria, 2000.
9. TRAILL L. *The habitat partitioning and feeding niche separation of ungulates on a Zimbabwean lowveld reserve*. Poster presented at Managing Nature: theory, practice and education. Wildlife Management Association Symposium. Pretoria, 2000.
10. WESTDYK J, PEPLER D. *Diet of *Sus scrofa* in the southern Western Cape Province: provisional results*. Wildlife Management Association Symposium. Pretoria, 2000.



## Hoofstukke in boeke/Chapters in books

1. PEPLER D. The Lesser Kestrel, *Falco naumanni*. In: Barnes K, (ed.). *The Eskom Red Data Book of South Africa, Lesotho and Swaziland*. Birdlife SA, 1999: 90-92.
2. RICHARDSON DM, BOND WJ, DEAN WRJ, HIGGINS SI, MIDGLEY GF, MILTON SJ, POWRIE LW, RUTHERFORD MC, SAMWAYS MJ, SCHULZE RE. Invasive alien organisms and global change: a South African perspective. In: Mooney HA, Hobbs RJ, (eds). *The impact of global change on invasive species*. Island Press, Washington, DC, 2000: 303-349.
3. WARD D, SMITH JNM. Interhabitat differences in parasitism frequencies by Brown-headed Cowbirds in the Okanagan valley, British Columbia. In: Smith JNM, Cook TL, Rothstein SI, Robinson SK, Sealy SK, (eds). *Ecology and management of cowbirds and their hosts*. University of Texas Press, Austin, Texas, 2000: 210-219.

## Navorsingsverslae/Research reports

1. PEPLER D. *Project Progress and final report # ZZA 376: management planning for Lesser Kestrels (Falco naumanni) overwintering in Africa*. WWF-SA, 2000. 3 pp.
2. PEPLER D. *Report on the World Conference of Birds of Prey and Owls*. Raptor Research Foundation and World Working Group on Birds of Prey, International Birding and Research Centre, 2000. 8 pp.

## Doktoraal afgehandel/Doctoral completed

1. REILLY B. *The statistics of helicopter total counts of large ungulates in Sourish Mixed Bushveld, Northwest Arid Bushveld and Mopane Veld, RSA*. PhD, 2000. 372 pp. Promotor: Prof HJ van Hensbergen.

## Magister afgehandel/Master's completed

1. DU TOIT EA. *Certification standards for sustainable game ranching in the Northern Province of South Africa*. MSc, 2000. 133 pp. Studieleiers: Prof HJ van Hensbergen en prof RC Bigalke.
2. LAUBSCHER SJ. *A study of sex/age ratios in wild ungulate populations – an approach to designing an appropriate sampling strategy for estimating the structure of wild ungulate populations on Rooipoort Nature Reserve*. MSc, 2000. 151 pp. Studieleiers: Prof HJ Van Hensbergen en dr MPS Berry.

## Doktoraal lopend/Doctoral current

1. KRUG R. *Assessing and modelling vegetation restoration to improve the efficiency of restoration management in the Renosterveld of the Western Cape*. PhD Promotors: Prof SJ Milton en dr (Habil) T Wiegand (UFZ, Duitsland) (ekstern).
2. WATTS WS. *The effect of forest policy on forest resources in Africa*. PhD Promotors: Prof D Ward en prof SJ Milton.

## Magister lopend/Master's current

1. CRUZ M. *Assessment of non-timber forest products in Derre, Zambezi province – Mozambique*. MSc Studieleiers: Dr I Grundy en prof SJ Milton.
2. FOLOMA M. *Sustainable use of Mopane woodland for the benefit of a rural community in Mozambique: feasibility study*. MSc Studieleiers: Dr I Grundy en prof SJ Milton.
3. KRAAIJ T. *The effects of rainfall, grazing and nutrients as causes of bush encroachment in semi-arid savanna*. MSc Studieleier: Prof D Ward.
4. MOSESANE NE. *Sustainability of *Sclerocarya birrea* (marula) resource uses in Botswana*. MSc Studieleiers: Dr A Leslie en prof SJ Milton.
5. PREUSKER B. *The Stellenbosch Hiking Trail Project*. MSc Studieleiers: Mnr D Pepler.
6. SCHMIDT A. *Evaluation of strip mine rehabilitation methods in the Succulent Karoo*. MSc Studieleiers: Prof SJ Milton en me A le Roux.

7. SIEBERHAGEN A. *The conservation status and rehabilitation of the threatened indigenous Witvis, Barbus andrewi*. MSc Studieleiers: Dr A Leslie, dr D Impson (WCNCB) (ekstern) en prof SJ Milton.
8. SOTO S. *Environment-based tourism run by a community: a case study of Goba area*. MSc Studieleiers: Mnr D Pepler en prof SJ Milton.
9. WALTERS M. *Increasing abundance of three woody plant species in grassy savanna*. MSc Studieleiers: Prof SJ Milton en dr JJ Midgley (UCT) (ekstern).

## PLANTPATOLOGIE / PLANT PATHOLOGY

### Tydskrifartikels/Journal articles

1. COETSEE C, WINGFIELD MJ, CROUS PW, WINGFIELD BD. *Xenochalara*, a new genus of dematiaceous hyphomycetes for chalara-like fungi with apical wall building conidial development. *South African Journal of Botany* 2000; **66**(2): 99-103.
2. CROUS PW, BENCHIMOL RL, ALBUQUERQUE FC, ALFENAS AC. Foliicolous anamorphs of *Mycosphaerella* from South America. *Sydowia* 2000; **52**(2): 78-91.
3. CROUS PW, KANG J, SCHOCH CL, MCHAU GRA. Phylogenetic relationships of *Cylindrocladium pseudogracile* and *Cylindrocladium rumohrae* with morphologically similar taxa, based on morphology and DNA sequences of internal transcribed spacers and  $\beta$ -tubulin. *Canadian Journal of Botany* 1999; **77**: 1813-1820.
4. CROUS PW, SUMMERELL BA, TAYLOR JE, BULLOCK S. Fungi occurring on Proteaceae in Australia: selected foliicolous species. *Australasian Plant Pathology* 2000; **29**(4): 267-278.
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## VEEKUNDIGE WETENSKAPPE / ANIMAL SCIENCES

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2. VAN SCHALKWYK K. *Evaluering van die slagwaarde van volstruise in terme van vee-, leer- en vleisproduksie*. PhD Promotor: Dr LC Hoffman.
3. WEIDEMAN H. *A genetic analysis of the occurrence of pulmonary haemorrhage in racing thoroughbreds in South Africa*. PhD Promotor: Prof SJ Schoeman.

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2. CLOETE JJ. *The effect of breed on meat quality parameters in sheep.* MScAgric Studieleier: Dr LC Hoffman.
3. CROTS F. *The influence of food extrusion and pelleting on the performance of weaner pigs.* MScAgric Studieleier/medestudieleier: Dr LG Ekermans/dr LC Hoffman.
4. DU PLESSIS J. *Amino acid and energy requirements of broiler breeders.* MScAgric Studieleier: Dr LG Ekermans.
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6. ERASMUS M. *Amino acid requirements of feedlot cattle according to the duodenal and whole empty body essential amino acid profile.* MScAgric Studieleier: Dr AV Ferreira.
7. FERRERIA G. *The use of feed enzymes to improve the nutritive value of sweet lupin, canola oilcake and full fat canola for pigs and broilers.* MScAgric Studieleier: Dr LG Ekermans.
8. LUYT DF. *The influence of processing procedures of soyabeans, sunflower seed, canola and lupins on the energy and amino acid availability in poultry.* MScAgric Studieleier: Dr LG Ekermans.
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3. SIGGE GO. *Biological treatment of lye effluents from the canning industry*. PhD Promotor/medepromotor: Prof TJ Britz/dr PC Fourie (LNR-Infruitec) (ekstern).
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## WINGERD- EN WYNKUNDE / VITICULTURE AND OENOLOGY

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1. ROGERS IM, VAN WYK CJ. Characterisation of the Aroma of the Hybrid Ferdinand de Lesseps (*Vitis vinifera* x *Vitis labrusca*). *South African Journal of Enology and Viticulture* 2000; **21**(1): 48-51.
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1. ELLIS LP. *Identifisering van die kritiese aromaverbindings in Suid-Afrikaanse brandewyn en faktore betrokke by die ontwikkeling daarvan. [Identification of critical aroma compounds of South African brandy and factors involved in its development].* PhD Promotor: Prof CJ van Wyk.
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6. LAMBRECHTS MG, PRETORIUS IS. Yeast and its importance to wine aroma. *South African Journal of Enology and Viticulture* 2000; **21**: 97-129.
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24. VAN RENSBURG P, PRETORIUS IS. *Development and evaluation of polysaccharide-degrading strains of Saccharomyces cerevisiae*. VH-Yeast Conference. Berlin, Germany, 2000.
25. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, PETERSEN SH, SETATI ME, DEN HAAN R, PRETORIUS IS. *Genetic engineering of yeasts to produce lignocellulosic hydrolases*. Tenth International Symposium on Yeasts. Papendal, The Netherlands, 2000.

26. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, PETERSEN SH, SETATI ME, DEN HAAN R, PRETORIUS IS. *Heterologous production of lignocellulosic hydrolases in yeast and filamentous fungi*. Tenth International Symposium on Yeasts. Papendal, The Netherlands, 2000.
27. VIVIER MA. *The establishment of synchronized somatic embryogenic cell-lines of table grape cultivars suitable for genetic transformation experiments*. Second International Viticulture and Enology Congress. Cape Town, South Africa, 2000.
28. VIVIER MA, BECKER JvW, CARSTENS M, DE ASCENSAO AR, DE BEER A, MARAIS E, PRETORIUS IS. *Engineering fungal resistance in grapevine (Vitis vinifera)*. Sixth International Symposium on grapevine physiology and biotechnology. Heraklion, Greece, 2000.
29. VIVIER MA, DE ASCENSAO AR, PRETORIUS IS. *Manipulation of fungal defence in grapevine: the use of polygalacturonase inhibiting proteins (PGIPs)*. Second International Viticulture and Enology Congress. Cape Town, South Africa, 2000.

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1. ARMSTRONG GO, LAMBRECHTS MG, VIVIER MA, PRETORIUS IS. *The production of resveratrol by wine yeast*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
2. BAYLY JC, LAMBRECHTS MG, DU TOIT M, DU TOIT WJ, PRETORIUS IS. *The isolation, identification and characterization of lactic acid bacteria occurring during red wine fermentations*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
3. DE ASCENSAO AR, VIVIER MA, BELLSTEDT DU, BURGER JT, PRETORIUS IS. *The isolation of a gene encoding the polygalacturonase-inhibiting protein (PGIP)*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
4. ESTERHUIZEN R, VIVIER MA, BOTHA FC, PRETORIUS IS. *Transformation of grapevine (Vitis vinifera) with a yeast-derived invertase (SUC2) targeted to different cellular localizations*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
5. FARMER JM, JOLLY NP, PRETORIUS IS, LAMBRECHTS MG. *Optimizing a model grape must and preliminary comments on the urea formation by wine yeasts*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
6. JOLLY NP, PRETORIUS IS. *The distribution of non-Saccharomyces cerevisiae yeast strains in four wine production regions of the Western Cape*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
7. JOUBERT DA, VIVIER MA, PRETORIUS IS. *Agrobacterium vitis derived grapevine transformation system: T-DNA characterisation of an indigenous A. vitis strain*. Bio Y2K Combined Millennium Meeting. Grahamstown, 2000.
8. KHAN W, AUGUSTYN OPH, VAN DER WESTHUIZEN TJ, LAMBRECHTS MG, PRETORIUS IS. *Geographical distribution, characterization and evaluation of Saccharomyces cerevisiae strains isolated from South African vineyards in the warmer inland regions of the Western Cape*. BioY2K Combined Millennium Meeting. Grahamstown, 2000
9. LAMBRECHTS MG, ELLIS LP, DU TOIT WJ. *Acetic acid bacteria present in South African red wine fermentations and their characteristics*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
10. MARITZ A, VAN RENSBURG P, PRETORIUS IS. *Cloning and expression of  $p$ -coumaric acid decarboxylase and phenolic acid decarboxylase in Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
11. PRETORIUS IS. *Tailoring wine yeast for the new millennium: novel approaches to the ancient art of winemaking*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
12. RAINIERI S, D'AGUANNO VS, BAUER FF, PRETORIUS IS. *Improvement of Saccharomyces cerevisiae wine strains to control acidity in Italian and South African wines*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
13. SCHOEMAN H, VIVIER MA, DU TOIT M, DICKS LMT, PRETORIUS IS. *Expression of pediocin PA-1, a bacteriocin produced by Pediococcus acidilactici, in Saccharomyces cerevisiae*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

14. VADASZ AS, JAGGANATH DB, PRETORIUS IS, GUPTHAR AS. *The K<sub>2</sub> killer effect of Saccharomyces cerevisiae T206*. Thirty-Ninth Annual Conference of the Microscopy Society of Southern Africa. Grahamstown, 2000.
15. VADASZ A, JAGGANATH DB, PRETORIUS IS, GUPTHAR AS. *Microscale vinifications challenged by a K<sub>2</sub> killer yeast*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
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18. VIVIER MA, BECKER JvW, CARSTENS M, DE ASCENSAO AR, DE BEER A, MARAIS E, PRETORIUS IS. *Engineering fungal resistance in grapevine (Vitis vinifera)*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.
19. YOUNG PR, PRETORIUS IS, VIVIER MA. *The structural analysis of a  $\beta$ -carotene hydroxylase-encoding gene from Vitis vinifera*. BioY2K Combined Millennium Meeting. Grahamstown, 2000.

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1. JOUBERT DA. *Development of an agrobacterium vitis transformation system for grapevine*. MSc cum laude, 2000. 98 pp. Studieleier/medestudieleier: Dr MA Vivier/ prof IS Pretorius.
2. SWIEGERS JH. *The cloning of genes involved in carnitine-dependent activities in Saccharomyces cerevisiae*. MSc cum laude, 2000. 66 pp. Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
3. VAN DYK D. *Genetic analysis of signal transduction pathways: the regulation of invasive growth and starch degradation in Saccharomyces cerevisiae*. MSc cum laude, 2000. 127 pp. Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.

### **Doktoraal lopend/Doctoral current**

1. BERTHEL 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/medepromotors: 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/prof IS Pretorius en FC Botha.
5. FELIX-MINNAAR JV. *Expression of the chicken lysozyme gene in Saccharomyces cerevisiae*. PhD Promotor/medepromotors: 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/medepromotor: 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/medepromotors: Prof IS Pretorius/drs FF Bauer en MG Lambrechts.
8. GOVENDER P. *Industrial yeast strains engineered for controlled flocculation*. PhD Promotor/medepromotors: Prof IS Pretorius/drs FF Bauer, MG Lambrechts en prof AS Gupthar (Universiteit van Durban-Westville) (ekstern).
9. JOLLY NP. *Characterization, evaluation and use of non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor: Prof IS Pretorius.

10. JOUBERT DA. *Promoter analysis of a Vitis vinifera PGIP gene encoding a polygalacturonase-inhibiting protein*. PhD Promotor/medepromotors: Dr MA Vivier/prof IS Pretorius en dr De Lorenzo (Università La Sapienza) (ekstern).
11. LILLY M. *Cloning and characterization of genes involved in higher alcohol synthesis by the yeast Saccharomyces cerevisiae*. PhD Promotor/medepromotors: Dr MG Lambrechts/prof IS Pretorius en dr FF Bauer.
12. NIEUWOUDT HH. *Genetic manipulation of wine yeasts to increase glycerol production*. PhD Promotor/medepromotors: Prof BA Prior/dr FF Bauer en prof IS Pretorius.
13. SCHOEMAN H. *Detection and monitoring growth behaviour of genetically modified yeasts within microbial vineyard populations*. PhD Promotor/medepromotors: Dr G Wolfaardt/prof IS Pretorius, dr P van Rensburg en prof M Grossmann (Forschungsanstalt Geisenheim) (ekstern).
14. 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/medepromotor: Dr MG Lambrechts/prof IS Pretorius.
15. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Dr FF Bauer/prof IS Pretorius.
16. VAN DYK D. *Genetic analysis of signal transduction pathways: the regulation of invasive growth and starch degradation in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Dr FF Bauer/prof IS Pretorius.
17. YOUNG PR. *Cloning and characterization of a  $\beta$ -carotene hydroxylase gene from Vitis vinifera*. PhD Promotor/medepromotor: Dr MA Vivier/prof IS Pretorius.

### Magister Iopend/Master's current

1. ARMSTRONG GO. *The production of resveratrol by wine yeast*. MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs MG Lambrechts en MA Vivier.
2. BAYLY JC. *Isolation, identification and characterization of lactic acid bacteria in red wine fermentations*. MSc Studieleier/medestudieleier: Dr MG Lambrechts/prof IS Pretorius.
3. BECKER JvW. *The co-integration of a polygalacturonase-inhibiting and stilbene-synthase gene into tobacco and grapevine – the effect on Botrytis infection*. MSc Studieleier/medestudieleiers: Dr MA Vivier/prof IS Pretorius en dr H du Plessis (Sentrum vir Vrugte-tegnologie) (ekstern).
4. BESTER MC. *Cellular localization of Mss11p and Flo8p using GFP fusion proteins*. MSc Studieleier/medestudieleier: Dr FF Bauer /prof IS Pretorius.
5. CARSTENS M. *The expression of a chitinase gene from Saccharomyces cerevisiae in tobacco and grapevine plants as a possible PR-protein*. MSc Studieleier/medestudieleiers: Dr MA Vivier/prof IS Pretorius en dr P van Rensburg.
6. CORRANS JL. *Development of vector systems for commercial wine yeasts*. MSc Studieleier/medestudieleiers: Dr MG Lambrechts/prof IS Pretorius, drs MA Vivier en R Dorrington (Universiteit van Rhodes) (ekstern).
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 en JW Hastings (Universiteit van Natal) (ekstern).
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 en 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 en M du Toit.
11. EKSTEEN J. *Molecular cloning and expression of raw-starch degrading  $\alpha$ -amylase genes of Lipomyces kononenkoae, Endomyces fibuliger and Schwanniomyces occidentalis in Saccharomyces cerevisiae*. MSc Studieleier/medestudieleier: Prof IS Pretorius/dr P van Rensburg.

12. 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 en mnr NP Jolly.
13. FONT-SALA C. *Cloning and analysis of genes encoding proteins associated with carnitine metabolism*. MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
14. FUNDIRA M. *Optimization of fermentation processes for the production of indigenous fruit wines*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr M Blom.
15. HANSSON GR. *Molecular analysis of MSS12, a Saccharomyces cerevisiae gene involved in starch metabolism*. MSc Studieleier/medestudieleiers: Prof IS Pretorius/drs FF Bauer en MG Lambrechts.
16. 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 en mnr Q Willemse (Distell) (ekstern).
17. MALHERBE DF. *Overexpression of the apple PGIP gene in Saccharomyces cerevisiae*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr M du Toit.
18. 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 en dr P van Rensburg.
19. 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 en dr MG Lambrechts.
20. MINNAAR J. *Determining the factors causing random oxidation of South African table wines*. MSc Studieleier/medestudieleiers: Dr MG Lambrechts/mnr LP Ellis en prof IS Pretorius.
21. MOGASHOA MM. *Construction and expression of a polysaccharase gene cassette in Saccharomyces cerevisiae*. MSc Studieleier/medestudieleier: Prof IS Pretorius/mnr J Crous (Universiteit van die Noorde) (ekstern).
22. MULLER CA. *Monitoring the spreading of commercial wine yeasts in vineyards*. MSc Studieleier/medestudieleiers: Dr MG Lambrechts/prof IS Pretorius en dr P van Rensburg.
23. POTGIETER N. *Development of wine yeast secreting aroma-liberating enzymes*. MSc Studieleier/medestudieleier: Prof IS Pretorius/drs P van Rensburg en RR Codero Otero.
24. STANLEY LCJ. *Accelerated wine yeast autolysis*. MSc Studieleier/medestudieleier: Dr MG Lambrechts/prof IS Pretorius.
25. STIDWELL TG. *The use of enzymes for increased aroma formation in wine*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr MG Lambrechts.
26. STRAUSS MLA. *The transformation of wine yeasts with glucanase, xylanase and pectinase genes for improved clarification and filterability of wine*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr MG Lambrechts.

**FAKULTEIT REGSGELEERDHEID**

**FACULTY OF LAW**





## HANDELSREG / MERCANTILE LAW

### Tydskrifartikels/Journal articles

1. DUPPER O. Proving indirect discrimination in employment: a South African view. *Industrial Law Journal* 2000; **21**(4): 747-792.
2. HUGO CF. Documentary credits: the basis of the bank's obligation. *The South African Law Journal* 2000; **117**(2): 224-255.
3. SUTHERLAND PJ. Breach of preceding contracts by the covenantee and restraints of trade: England, Scotland and South Africa. *Tydskrif vir die Suid-Afrikaanse Reg* 2000; (4): 675-696.

### Referate internasionaal/Papers international

1. BUTLER DW. *Current Botswana arbitration legislation: a regional perspective*. Seminaar oor Arbitrasie en Alternatiewe Geskilbeslegting, Law Society of Botswana. Francistown, Botswana, 2000.
2. HUGO CF. *Security of payment in international business transactions: indications from South African case law*. Wirtschaftstag Südliches Afrika. Hamburg, Germany, 2000.

### Referate nasionaal/Papers national

1. BUTLER DW. *Consumer arbitrations: a South African and international perspective*. Association of Arbitrators (Southern Africa) Conference. Sandton, 2000.
2. COETZEE J. *Incoterms 2000 and the computer age*. Fourth Annual Mercantile Law Conference. Cape Town, 2000.
3. OOSTHUIZEN PG. *The income tax implications of donations, settlements or other dispositions to a trust in terms of section 7(3) and 9(5)*. Institute for International Research. Midrand, 2000.

### Hoofstukke in boeke/Chapters in books

1. SUTHERLAND PJ. Contractual restrictive covenants. In: Reid K, Zimmermann R, (eds). *A History of Private Law in Scotland, Volume 2: Obligations*. Oxford University Press, 2000: 283-304.

### Magister afgehandel/Master's completed

1. ITAL EG. *Copyright law and the internet in modern South African law*. LLM, 2000. 202 pp. Studieleier: Me EM de Ville.
2. KLOPPERS PW. *Judicial management as a technique for corporate rescue: a comparison with English and Australian law*. LLM cum laude, 2000. 232 pp. Studieleier: Prof DW Butler.

### Doktoraal lopend/Doctoral current

1. DE VILLE EM. *A comparative investigation of the dilution of registered trade marks*. LLD Promotor/medepromotor: Prof C Visser/prof DW Butler.
2. GARBERS C. *Proof and evidence of discrimination in the workplace*. LLD Promotor: Prof OC Dupper.
3. LOURENS M. *An analysis of the different regimes governing the carriage of goods by sea: a suggested approach for South Africa*. LLD Promotor: Prof CF Hugo.

### Magister lopend/Master's current

1. AFFLERBACH K. *The quest for effective arbitration: new developments in South Africa and Germany*. 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. BRUSA RP. *Taxation of intellectual property in the Republic of South Africa*. LLM Studieleier: Mnr PG Oosthuizen.
4. SPAMER SJ. *The trust as tax planning device*. LLM Studieleier: Mnr PG Oosthuizen.

## PRIVAATREG EN ROMEINSE REG / PRIVATE AND ROMAN LAW

### Tydskrifartikels/Journal articles

1. DE VOS WleR. Developments in South African civil procedural law over the last fifty years. *Stellenbosch Law Review/Regstydskrif* 2000; **11**(3): 343-357.
2. DE VOS WleR, KELBRICK R. Discretionary powers of the judge in South Africa. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(4): 537-560.
3. DE WAAL MJ. Authorisation of trustees in terms of the Trust Property Control Act. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(3): 472-478.
4. DE WAAL MJ. The core elements of the trust: aspects of the English, Scottish and South African trusts compared. *South African Law Journal* 2000; **117**(3): 548-571.
5. DE WAAL MJ. The uniformity of ownership, numerus clausus and the reception of the trust into South African law. *European Review of Private Law* 2000; **8**(3): 439-452.
6. DU PLESSIS JE. Verlede maand se hofverslae. *De Rebus* 2000; (385): 25-31.
7. DU PLESSIS JE. Verlede maand se hofverslae. *De Rebus* 2000; (387): 33-38.
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12. DU PLESSIS W, OLIVIER N, PIENAAR J. Geweld: strenger wapenbeheer die oplossing? *SA Publikereg* 2000; **15**(1): 214-230.
13. DU PLESSIS W, OLIVIER N, PIENAAR J. Land reform: a never-ending process. *SA Publikereg* 2000; **15**(1): 230-254.
14. HUMAN S. Die effek van kinderregte op die privaatregtelike ouer-kind verhouding. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(3): 393-402.
15. HUMAN S. Die historiese onderbou van die privaatregtelike ouer-kind verhouding – fondament vir of struikelblok in die implementering van kinderregte? *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(2): 200-216.
16. HUMAN S. Die status van die kind en kinderregte ingevolge die volkereg. *SA Publikereg* 2000; **15**(1): 78-104.
17. HUMAN S. Kinderregte en ouerlike gesag: 'n teoretiese perspektief. *Stellenbosch Law Review/Regstydskrif* 2000; **11**(1): 71-84.
18. LUBBE GF. Die oordrag van toekomstige regte en die aanwending van retensiegeld ter versekering van skuld. *Tydskrif vir die Suid-Afrikaanse Reg* 1999; (4): 561-583.
19. LUBBE GF. Law of purchase and sale. *Annual Survey of South African Law* 1998: 208-228.
20. NAUDE T. The value of a life: a note on *Christian Lawyers Association of SA v Minister of Health* 1998 4 SA 113 (T) 15. *South African Journal on Human Rights* 1999; **15**(4): 541-562.
21. PAISLEY RRM, VAN DER MERWE CG. From here to eternity: does a servitude road last forever? *Stellenbosch Law Review/Regstydskrif* 2000; **11**(3): 452-479.
22. PIENAAR JM, DU PLESSIS W, OLIVIER N. Land reform – trends developing in case law. *SA Publikereg/SA Public Law* 1999; **14**(2): 528-553.

23. PIENAAR JM, DU PLESSIS W, OLIVIER N. Voortdurende stryd teen die onmenslike samelewing. *SA Publikereg/SA Public Law* 1999; **14**(2): 515-528.
24. PIENAAR JM. Uitleg en toepassing van die Wet op Voorkoming van Onwettige Uitsetting en Onregmatige Besetting van Grond 19 van 1998. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(3): 464-471.
25. ROBERTSON S. The difficulty of proving the essentials of acquisitive prescription. *Journal of Contemporary Roman-Dutch Law/Tydskrif vir Hedendaagse Romeins-Hollandse Reg* 2000; **63**(1): 158-161.
26. VAN DER MERWE CG, MOHR P, BLUMBERG M. The bill of rights and the rules of sectional title schemes: a comparative perspective. *Stellenbosch Law Review/Regstydskrif* 2000; **11**(2): 155-181.
27. VAN DER MERWE CG, PIENAAR JM. Law of property (including real security). *Annual Survey of South African Law* 1998: 284-336.
28. WILSON PJ, DU PLESSIS PG, PIENAAR J. Land claims of indigenous peoples – the impact on property values: a comparative study on South Africa and Australia. *Journal of Real Estate Literature* 2000; **8**(1): 35-56.

### **Verrigtinge internasionaal/Proceedings international**

1. DE WAAL MJ. *The trust in South African law*. Proceedings of the Session on Trust Law at the 15th International Congress of Comparative Law. Bristol, England, 2000: 87-104.

### **Referate internasionaal/Papers international**

1. DE VOS W. *The judiciary in crisis time*. Colloquium of the International Association of Procedural Law. Gent, Belgium, 2000.
2. HUMAN CS. *Theoretical considerations underlying the role of the state in the recognition of children's rights*. Brisbane, Australia, 2000.
3. LUBBE GF. *The mixed character of contract law in South Africa*. Conference on the Contribution of Mixed Legal Systems to European Private Law. Maastricht, The Netherlands, 2000.

### **Referate nasionaal/Papers national**

1. PIENAAR JM, BALATSENG D. *Post-1994 rural development measures: current issues*. Conference on Development in the Contemporary Constitutional State. Potchefstroom, 2000.

### **Hoofstukke in boeke/Chapters in books**

1. DE WAAL MJ. Servitudes. In: Reid K, Zimmermann R, (eds). *A History of Private Law in Scotland. Volume I: Introduction and Property*. Oxford University Press, 2000: 305-332.
2. DU PLESSIS JE. Force and fear. In: Reid K, Zimmermann R, (eds). *A History of Private Law in Scotland. Volume II: Obligations*. Oxford University Press, 2000: 101-128.
3. LOUBSER MM. Sport and competition law. In: Basson JAA, Loubser MM, (eds). *Sport and the Law in South Africa*. Butterworths, 2000: 8/35-8/50.
4. LOUBSER MM. Sports injuries: liability. In: Basson JAA, Loubser MM, (eds). *Sport and the Law in South Africa*. Butterworths, 2000: 5/1-5/49.
5. LUBBE GF. Formation of contract. In: Reid K, Zimmermann R, (eds). *A History of Private Law in Scotland. Volume II: Obligations*. Oxford University Press, 2000: 1-46.

### **Doktoraal afgehandel/Doctoral completed**

1. DU TOIT F. *Testeervryheid in die Suid-Afrikaanse reg in die lig van 'n Handves van Regte*. LLD, 2000. 442 pp. Promotor: Prof MJ de Waal.
2. MOSTERT H. *The relevance of constitutional protection and regulation of property for the private law of ownership in South Africa and Germany*. LLD, 2000. 421 pp. Promotor/medepromotor: Prof CG van der Merwe/prof JM Pienaar.

**Magister afgehandel/Master's completed**

1. BRUWER E. *Vereniging van die koopreg: kontraksluiting in 'n historiese, regsverge-lykende en internasionale perspektief*. LLM cum laude, 2000. 124 pp. Studieleier: Prof GF Lubbe.
2. ELS R. *Die morele en regsaspekte onderliggend aan surrogaatmoederskap*. LLM, 2000. 197 pp. Studieleier: Prof CS Human.

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1. NAUDE TN. *Voorkeurkontrakte met spesifieke verwysing na voorkoopkontrakte*. LLD Promotor: Prof GF Lubbe.
2. OLIVIER PJJ. *Die grondslag van kontraktuele gebondenheid*. LLD Promotor: Prof GF Lubbe.
3. PALEKER M. *Good faith as a principle of contract law*. LLD Promotor: Prof GF Lubbe.

**Magister lopend/Master's current**

1. HELMHOLZ N. *Contracting by electronic means*. LLM Studieleier: Prof GF Lubbe.
2. LOUBSER M. *Skuld as element van kontrakbreuk*. LLM Studieleier: Prof GF Lubbe.
3. SWART D. *Electronic money in South African law*. LLM Studieleier: Prof MM Loubser.
4. VON ALVENSLEBEN PCU. *Change of circumstances and its effect on contracts*. LLM Studieleier: Prof GF Lubbe.

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**FAKULTEIT TEOLOGIE**

**FACULTY OF THEOLOGY**



<b>OU EN NUWE TESTAMENT / OLD AND NEW TESTAMENT</b>
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5. MARAIS JF. *Identiteit en transformasie. 'n Prakties-teologiese ondersoek na die verband tussen die identiteit en transformasie van Christelike geloofsgemeenskappe in die teologie van H Richard Niebuhr*. DTh, 2000. 381 pp. Promotor: Prof BA Müller.
6. MUSEMBI B. *Christian mission in a changing society – an evaluative study of the church in Kenya*. DTh, 2000. ix+268 pp. Promotor: Prof CM Pauw.

### **Magister afgehandel/Master's completed**

1. ERASMUS JC. *'n Ondersoek na die godsdienstige topografie van Suid-Afrika: 'n vergelyking van Sensus '96 met dié van 1911-1991*. MTh, 2000. 142 pp. Studieleier: Prof HJ Hendriks.

### **Doktoraal lopend/Doctoral current**

1. BLIGNAUT RJ. *'n Ondersoek na die teoretiese uitgangspunte van avontuurkampe en die benutting daarvan in die geloofsvorming van die vroeë adolessent*. DTh Promotor: Dr JMG Prins.
2. CHA YD. *Discipleship as model for the development of church leadership in Thailand*. DTh Promotor: Prof HJ Hendriks.
3. CHINCHEN PD. *Reformation of mission: reversing mission trends in Africa, an assessment of Protestant Mission methods in Malawi*. PhD Promotor: Prof CM Pauw.

4. DAMSELL WE. *The constructive development of a Bible College curriculum in a situation of change*. DTh Promotor: Prof BA Müller.
5. DU TOIT AF. *Die meningsvormende invloed van Die Kerkbode vanaf 1980-1992 op gemeenteteologie in die RSA*. DTh Promotor/medepromotor: Prof HJ Hendriks/dr J Cilliers.
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.
8. GROBBELAAR J. *Die teorie van die intergene-rationele kleingroep in die bediening aan die laerskoolkind*. DTh Promotor: Dr JMG Prins.
9. JANSE R. *Samelewingsveranderinge en die vraagstuk van lofprijsing binne gereformeerde liturgie*. DTh Promotor: Prof HJ Hendriks.
10. JEON Y-U. *Theological theories in South Korean churches for mission in North Korea*. PhD Promotor: Prof CM Pauw.
11. JEONG J-M. *A new missionary dimension in Korean churches – an analytical, critical and contextual study*. DTh Promotor: Prof CM Pauw.
12. JODA-MBEWE OL. *Urban poverty as a challenge to ministry within the Malawian context*. DTh Promotor: Prof HJ Hendriks.
13. KANG G-S. *Redefining church leadership in the postmodern Korean context*. DTh Promotor: Prof HJ Hendriks.
14. KIM SS. *Preaching in a marginal situation of change*. DTh Promotor: Prof BA Müller.
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16. 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.
17. MOROFF Y. *The position of women in African culture and its effect on their Christian identity and spirituality*. DTh Promotor: Prof DJ Louw.
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19. PARKER A. *Towards heterogeneous churches in South Africa: Transitional processes in Seventh-Day Adventist congregations*. DTh Promotor: Prof HJ Hendriks.
20. PLAATJIES CW. *Revisioning the denominational ethos and administrative structures of the Seventh Day Adventist Church in South Africa*. DTh Promotor: Prof HJ Hendriks.
21. RABE NG. *Geen-tegnologie in skeppingsperspektief: 'n pastoraal-etiese beoordeling*. DTh Promotor: Prof DJ Louw.
22. RUNYOWA W. *Evangelism as a holistic ministry in the congregations of the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
23. RUTORO R. *The development of lay leadership in the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
24. SHIM YK. *Pastoral care and counselling to children within the cultural context of the Korean church*. DTh Promotor: Prof DJ Louw.
25. TAYLOR J-A. *Incarnational spirituality as counselling method related to individuals with eating disorders*. DTh Promotor: Prof DJ Louw.
26. THESNAAR CH. *Pastorale terapie binne die transformasieprosesse van die Suider-Afrikaanse lewensbestel*. DTh Promotor: Prof DJ Louw.
27. VAN DEVENTER GJ. *Die funksie van die huisgesin van God metafoor vir 'n prakties-teologiese ekklesiologie*. DTh Promotor: Prof HJ Hendriks.
28. VAN ZYL J. *The impact of Reformed Missions on the origin, growth and identity of the Reformed Church of East Africa (1905-2000)*. DTh Promotor/medepromotor: Prof CM Pauw/prof P Coertzen.
29. WIID W. *Teologiese opleiding vir kerkleiers in Afrika, met spesifieke verwysing na Mosambiek*. DTh Promotor: Prof CM Pauw.

### Magister Iopend/Master's current

1. BRUINTJIES 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. 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.
4. KOTZE JJ. *Interreligieuse dialoog as model vir die intra-geloofsgesprek rondom seksuele oriëntasie*. MTh Studieleier: Prof CM Pauw.
5. MIN S-Y. *Theology in pastoral care and counselling*. MTh Studieleier: Prof DJ Louw.
6. 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.
7. ROGERS S. *Health, the neglected aspect of pastoral care*. MTh Studieleier: Prof DJ Louw.
8. SEOCK KO. *A model for an integrated Korean Urban Harbour Mission*. MTh Studieleier: Prof CM Pauw.
9. SON CM. *Empirical research within a hermeneutical approach in practical theology*. MTh Studieleier: Prof DJ Louw.
10. SWANEPOEL PA. *Die invloed van postmodernisme op die teorievorming in die pastorale teologie*. MTh Studieleier: Prof DJ Louw.
11. TRUTER D. *The quest for a dispositional ethics in pastoral care*. MTh Studieleier: Prof DJ Louw.
12. YOO BC. *Narrative preaching in Asian culture*. MTh Studieleier: Prof BA Müller.

## SISTEMATIESE TEOLOGIE EN EKKLESIOLOGIE / SYSTEMATIC THEOLOGY AND ECCLESIOLOGY

### Tydskrifartikels/Journal articles

1. COERTZEN P. The unity of the family of Dutch Reformed Churches in South Africa: then and now – prospects and frustrations. A Dutch Reformed perspective. *Nederduitse Gereformeerde Teologiese Tydskrif* 2000; **XXXI**(3&4): 179-195.
2. COERTZEN P, DU TOIT S. Die herkoms van die legitimasiëverklaring. *Nederduitse Gereformeerde Teologiese Tydskrif* 2000; **XXXI**(3&4): 239-259.
3. SMIT DJ. Social transformation and confessing the faith? Karl Barth's views on confession revisited. *Scriptura* 2000; **72**: 67-85.

### Referate internasionaal/Papers international

1. SMIT DJ. *Living unity? On the ecumenical movement and globalization*. Joint interdisciplinary consultation of EFSA and the Evangelische Akademie. Tutzing, Bavaria in Tutzing, Germany, 2000.
2. SMIT DJ. *Renaissance na Babel?* Lecture-series on Systematic Theology. Vrije Universiteit van Amsterdam, 2000.
3. SMIT DJ. *Versoening en Belhar?* Dogmatisch Werkgezelschap van Nederland. Amsterdam, 2000.

### Referate nasionaal/Papers national

1. COERTZEN P. *Calvyn en die jurisdiksie van die Kerk*. Sesde SA Kongres vir Calvinnavorsing. Potchefstroom, 2000.
2. SMIT DJ. *Kerk en Etiek?* Uitdagings in tye van morele krisis. BUVTON-navorsingsgroep oor Morele Vorming. Strand, 2000.

3. SMIT DJ. *On self-secularisation. Questions concerning one challenge facing systematic theology in South Africa today.* Annual Meeting of the Theological Society of Southern Africa. Wellington, 2000.
4. SMIT DJ. *Politieke erediens? Vrae oor liturgie as lewensvorm.* BUVTON-navorsingsgroep oor Liturgie. Stellenbosch, 2000.
5. THERON PF. *The Kingdom of God and the Theology of Calvin – Response to paper by JH van Wyk.* International Reformed Theological Congress. Potchefstroom, 2000.

### **Doktoraal afgehandel/Doctoral completed**

1. CILLIERS AP. *Die Christelike geloof in die spanningsveld van tradisie en empirie. 'n Kenteoretiese ondersoek na die verhouding tussen teologie en sosiologie.* DTh, 2000. 421 pp. Promotor/medepromotor: Prof PF Theron/prof C Groenewald.
2. DAU IM. *Suffering and God. A Theological Ethical study of the war in Sudan (1955–).* DTh, 2000. 285 pp. Promotor: Prof DA du Toit.
3. KOMBO JO. *The doctrine of God in African thought: an assessment of African inculturation theology from a trinitarian perspective.* DTh, 2000. 301 pp. Promotor: Prof PF Theron.
4. XAPILE SP. *The quest for unity between the Bantu Presbyterian Church and the Presbyterian Church of Southern Africa 1959-1973.* DTh, 2000. 259 pp. Promotor: Prof P Coertzen.

### **Doktoraal lopend/Doctoral current**

1. CHEONG IT. *Christian economic ethics in modern Korea.* DTh Promotor: Prof DA du Toit.
2. COMPAAN AL. *Kreatiewe pluralismes? 'n Kritiese analise van Michael Welker se "postmoderne teologiese ontwerp".* DTh Promotor: Prof DJ Smit.
3. DICKS NS. *Gereformeerde Kerkreg en die Gemeentelike bediening van die leraar.* DTh Promotor: Prof P Coertzen.
4. GAVERA JP. *The theology of Hendrikus Berkhof. An analysis of a modern design of mediation theology.* DTh Promotor: Prof PF Theron.
5. HODNETT GD. *The relationship between creation and redemption in the theology of AA van Ruler and P Tillich.* DTh Promotor: Prof PF Theron.
6. KROHN JB. *Knowing the Triune God: the central theme of Calvin's Theology?* DTh Promotor: Prof P Coertzen.
7. MUUNGANI K. *The doctrine of justification by faith from an African perspective.* DTh Promotor: Prof PF Theron.
8. SON SH. *This history of revival in Thailand.* DTh Promotor: Prof P Coertzen.
9. SONG T-H. *The implications of an incarnational model for the church as an ethical community.* DTh Promotor: Prof DA du Toit.
10. 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.
11. TYLER C. *The recovery of the Reformed Faith in the English speaking churches in South Africa.* DTh Promotor: Prof P Coertzen.

### **Magister lopend/Master's current**

1. VAN COLLER H. *Ds JF Naudé – Godsman, Volksman, Teoloog. Kerkhistoriese ondersoek na sy lewe en sy werk.* MTh Studieleier: Prof P Coertzen.



**BURO VIR VOORTGESETTE TEOLOGIESE OPLEIDING  
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BUREAU FOR CONTINUING THEOLOGICAL TRAINING  
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**Tydskrifartikels/Journal articles**

1. BURGER CW. Nie goedgeelowig nie, maar gelowig en goed: oor die uitdaging van beter morele vorming in en deur gemeentes. *Skrif en Kerk* 2000; **21**(2): 228-242.

**Verrigtinge internasionaal/Proceedings international**

1. BURGER CW. *Towards a Practical-theological Ecclesiology. Bridging the Divide between Ideal and Reality. Studies in Reformed Theology Church and Ministry* 2000; **3**: 117-139.

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1. LUDIK CB, SIMPSON NW, HEYNS MH, LOUW PL. *Koeltebome van God se Genade: Eredienste wat Hoop gee. Volume 1: Leidrade vir Begeleiers*. BUVTON, 2000. 5 pp.
2. LUDIK CB, SIMPSON NW, HEYNS MH, LOUW PL. *Koeltebome van God se Genade: Eredienste wat Hoop gee. Volume 2: Leiersgids*. BUVTON, 2000. 13 pp.
3. LUDIK CB, SIMPSON NW, HEYNS MH, LOUW PL. *Koeltebome van God se Genade: Eredienste wat Hoop gee. Volume 3: Deelnemersgids*. BUVTON, 2000. 11 pp.
4. MARAIS JF, SIMPSON NW, VAN DER WALT P, (reds.). *Leesrooster vir lidmate: Jaar B*. BUVTON, 2000. 122 pp.
5. NELL I, MEYER O, BOTHA JG, (reds.). *Preekstudies met liturgiese voorstelle gebaseer op die Leesrooster vir lidmate: Jaar B*. BUVTON, 2000. 321 pp.
6. ORSMOND E, DU TOIT N, (reds.). *Riglyne vir kategese gebaseer op die Leesrooster vir lidmate: Jaar B (2 volumes)*. BUVTON, 2000. 142 pp.
7. VAN DER MERWE MAV. *Tussen pole van vlees en Gees. Volume 1: Deelnemersgids*. BUVTON, 2000. 27 pp.
8. VAN DER MERWE MAV. *Tussen pole van vlees en Gees. Volume 2: Leiersgids*. BUVTON, 2000. 40 pp.
9. VAN DER MERWE MAV, (red.). *Riglyne vir kleingroepbyeenkomste gebaseer op die Leesrooster vir lidmate: Jaar B (2 volumes)*. BUVTON, 2000. 80 pp.

**FAKULTEIT EKONOMIESE  
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**FACULTY OF ECONOMIC AND  
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<b>BEDRYFSIELKUNDE / INDUSTRIAL PSYCHOLOGY</b>
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**Tydskrifartikels/Journal articles**

1. ENGELBRECHT AS, CLOETE BE. An analysis of the supervisor-subordinate trust relationship. *Journal of Industrial Psychology* 2000; **26**(1): 24-28.
2. McELLIGOTT DL, DU PREEZ R. A sample survey of computer-based training with reference to success criteria and remedial procedures. *Journal of Industrial Psychology* 2000; **26**(1): 11-17.
3. SPANGENBERG HH, SCHRODER HM, DUVENHAGE A. A leader competence utilization questionnaire for South African managers. *South African Journal of Psychology* 1999; **29**(3): 117-123.
4. THERON CC, SPANGENBERG HH. Confirmatory factor analysis of the Performance Management Audit Questionnaire. *South African Journal of Psychology* 2000; **30**(4): 32-39.

**Referate internasionaal/Papers international**

1. ENGELBRECHT AS, SIVASUBRAMANIAM N. *Performance implications of aligning human resource management and business strategies*. Annual Conference of the Society for Industrial and Organizational Psychology. New Orleans, Louisiana, USA, 2000.
2. SPANGENBERG HH, THERON CC. *Facilitating transformation and leader-follower relationships through leadership development*. The 58th Annual Conference of the International Council of Psychologists. Padua, Italy, 2000.
3. THERON CC. *The effect of corrections for Case C[i] restriction of range on selection decision-making*. The 22nd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences. London, UK, 2000.
4. THERON CC, SPANGENBERG HH. *Confirmatory factor analysis of the Performance Management Audit Questionnaire using Lisrel*. The 22nd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences. London, UK, 2000.
5. VISSER EM, DU PREEZ R, VAN AARDT AM. *Shopping orientation of female apparel shoppers: a South African perspective*. International Textile & Apparel Association Annual Conference. Cincinnati, Ohio, 2000.
6. VISSER EM, DU PREEZ R, VAN AARDT AM, STEYN HS. *The role of culture, lifestyle and store choice in clothing marketing in South Africa*. International Textile & Apparel Association Annual Conference. Cincinnati, Ohio, 2000.

**Referate nasionaal/Papers national**

1. BREDELL D, VOS HD. *An industrial psychological study establishing the relationship between career self-management and job performance*. Annual Conference of the Psychological Society of South Africa. Johannesburg, 2000.

**Magister afgehandel/Master's completed**

1. BREDELL D. *An industrial psychological study establishing the relationship between career self-management and job performance*. MA, 2000. 200 pp. Studieleier: Dr HD Vos.
2. ENGELBRECHT L. *The relationship between personality and training style*. MA cum laude, 2000. 138 pp. Studieleier: Prof JB du Toit.
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4. RADEMAN DJ. *An investigation into employees' perceptions and experience of performance appraisal in the public sector*. MComm, 2000. 185 pp. Studieleier: Dr HD Vos.
5. SCHLECHTER AF. *The relationship between organizational culture and organizational performance – a study conducted within a large South African retail organization*. MA, 2000. 233 pp. Studieleier: Prof D Tromp.
6. STRYDOM J. *Cultural factors in the implementation of Ergonomics in developing countries*. MComm, 2000. 146 pp. Studieleier: Mnr CJ Calitz.

**Doktoraal Iopend/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 measurement and prediction of integrity*. PhD Promotor: Prof AS Engelbrecht.
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.

**Magister Iopend/Master's current**

1. BAKKES A. *'n Bedryfsielkundige ondersoek na tydoriëntasie en persoonlikheidstyle*. MA Studieleier: Prof JCD Augustyn.
2. BARTMANN TJ. *Application of a nomological model of selection validity*. MA Studieleier: Dr A Duvenage.
3. BOTHA FM. *Consumer behaviour in Swaziland*. MEcon Studieleier: Prof JB du Toit.
4. BRINK A. *'n Bedryfsielkundige ondersoek na die Myers-Briggs as hulpmiddel by organisasietransformasie*. MComm Studieleier: Prof JCD Augustyn.
5. CHAMBERLAIN L. *The influence of leadership on interpersonal trust and organizational citizenship behaviour*. MComm Studieleier: Prof AS Engelbrecht.
6. CONRADIE A. *The evaluation of a virtual reality based military map reading course*. MA Studieleier/medestudieleier: Dr CC Theron/dr M Cilliers-Hartsief.
7. CONRADIE M. *Die verband tussen persoonlikheid en wysheid*. MA Studieleier: Dr A Duvenage.
8. CONRADIE WG. *'n Psigometriese ondersoek na die geldigheid van die APIL battery vir die meting van leerpotensiaal*. MComm Studieleier: Dr CC Theron.
9. CROSS E. *'n Psigometriese oudit op 'n bestaande keuringsprosedure*. MComm Studieleier: Dr CC Theron.
10. DE JAGER S. *'n Ondersoek na die rol van groepprosesse, individuele innoverendheid en groepstruktuur met betrekking tot bestuurspan innoverendheid*. MA Studieleier: Dr HD Vos.
11. 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.
12. GOOSEN FP. *Die verband tussen breinvoorkeure en bestuursdoeltreffendheid*. MA Studieleier: Dr HD Vos.
13. JAKOB B. *A psychometric audit of a selection procedure*. MA Studieleier: Dr CC Theron.
14. KLEYN E. *The relationship between locus of control of trainers and training style orientation*. MA Studieleier: Me R du Preez.
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20. PIETERSEN FL. *The effect of globalisation on the role of human resource management in South Africa*. MA Studieleier: Prof AS Engelbrecht.
21. SMITH J. *'n Model vir regstellende aksie in die landboubedryf*. MComm Studieleier: Prof JCD Augustyn.

22. STADLER K. *Personality factors in negotiation skills training*. MA Studieleier: Mnr CJ Calitz.
23. SWART N. *The roles and competencies of the industrial relations practitioner*. MA Studieleier: Mnr G Cillié.
24. TRUTER HC. *Personality type and management style*. MA Studieleier: Mnr CJ Calitz.
25. VAN SITTERT W. *Die rol van organisasieklimaat in die transformasie van 'n onderneming in die versekeringsbedryf*. MA Studieleier: Prof JCD Augustyn.
26. WEICH M. *The analysis of stress coping behaviours of survivors of employee re-trenchments*. MA Studieleier: Prof AS Engelbrecht.
27. WYBORN B. *Cultural diversity as a determinant of creativity*. MComm Studieleier: Dr A Duvenage.

## EKONOMIE / ECONOMICS

### Vaktydskrifartikels/Journal articles

1. BLACK PA. Capital gains tax: critical notes. *South African Journal of Economics* 2000; **68**(4): 805-809.
2. McCARTHY CL. The manufacturing sector during the 1970s. *South African Journal of Economic History* 1999; **14**(1&2): 143-161.
3. SADIE JL. The White paper on population policy: the economic-demographic perspective. *Journal for Studies in Economics and Econometrics* 2000; **24**(1): 11-20.
4. SCHOOMBEE A. Getting South African banks to serve micro-entrepreneurs: an analysis of policy options. *Development Southern Africa* 2000; **17**(5): 751-767.
5. VAN DER BERG S, DU PLESSIS SWF. Africa: restructuring for growth? *Politeia* 2000; **19**(3): 21-30.

### Referate internasionaal/Papers international

1. DE VILLIERS AP. *The role of education in alleviating poverty*. Second Biennial Aotearoa New Zealand International Development Studies Network Conference. Wellington, New Zealand, 2000.
2. JAFTA RCC. *Decline and rebirth: the South African textile industry in the 1990s*. The Academy of Business and Administrative Sciences Conference on Emerging Economies. Prague, Czech Republic, 2000.
3. McCARTHY CL. *South Africa and the region: reconciling the benefits and costs of integrating unequal economies*. Konferensie van die Vereinigung von Afrikanisten, Afrika 2000. Leipzig, Duitsland, 2000.
4. NIEUWOUDT L. *Economics education in South Africa – are we reaching the masses?* The Academy of Business and Administrative Sciences Conference on Emerging Economies. Prague, Czech Republic, 2000.
5. SCHOOMBEE A. *Banking for the poor: the successes and failures of South African banks*. Second Biennial Aotearoa New Zealand International Development Studies Network Conference. Wellington, New Zealand, 2000.
6. TERREBLANCHE SJ. *The production of the past: Some relevant historical "truths" distorted and ignored by The Truth and Reconciliation Commission*. Swayer Seminar. New York, USA, 2000.
7. THERON N. *Money supply endogeneity in the SADC countries*. Sixth Biennial Post Keynesian Workshop. Knoxville, USA, 2000.
8. VAN DER BERG S. *The challenge of globalisation: drawing the poor into the economic mainstream: a perspective from the Western Cape*. Conference of the Conrad Adenauer Stiftung & the Cape Provincial Administration on Globalisation and International Relations: Challenge and Opportunities for the Provinces. Stellenbosch, 2000.

9. VAN DER BERG S. *The challenge of globalisation: Incorporating the poor into the economic mainstream: a perspective from the Western Cape, South Africa*. Conference on the Challenge of Globalisation. Tutsing, Germany, 2000.

### **Referate nasionaal/Papers national**

1. JAFTA RCC. *Competition in the South African banking industry: an overview of the economic concerns*. Southern African Banking Lawyers Association. Johannesburg, 2000.

### **Boeke/Books**

1. BLACK PA, CALITZ E, STEENEKAMP TJ. *Public Economics for South African Students*. Oxford University Press, 2000. 352 pp.

### **Hoofstukke in boeke/Chapters in books**

1. McCARTHY CL. Regional integration in Sub-Saharan Africa: past, present and future. In: Oyejide A, Ndulu B, Greenaway D, (eds). *Regional Integration and Trade Liberalization in Sub-Saharan Africa, Synthesis and Review*. Macmillan Press, 1999: 12-49.

### **Navorsingsverslae/Research Reports**

1. DE VILLIERS AP. *'n Analise van motorlisensiefoeie in die Wes-Kaap en aanbevelings mbt verhogings vir die 2001/2002 finansiële jaar*. Final report to Western Cape Department of Finance, 2000. 24 pp.
2. MAASDORP GG, McCARTHY CL, THOMAS WH. *An overview of South Africa's policy with regard to economic development and employment promotion, including private sector initiatives*. Imani-Capricorn for Deutsche Gesellschaft für Zusammenarbeit GmbH, 2000. 52 pp.
3. McCARTHY CL. *South Africa and the region: reconciling the benefits and costs of integrating unequal economies*. University of Leipzig Papers on Africa – Politics and Economics Series No 36, 2000. 18 pp.
4. McCARTHY C, McGRATH J, MWANAWINA I. *Impact of economic liberalisation under the Cross Border Initiative – a case study of experience in Malawi and Zambia*. Imani Development, 2000. 118 pp.

### **Doktoraal afgehandel/Doctoral completed**

1. BAUKNECHT K. *Policy modelling with rational expectations: A South African model*. PhD, 2000. 350 pp. Promotor: Prof BW Smit.
2. LÖTTER JC. *Die fabriekswese in stedelike ontwikkeling – 'n institusioneel-ekonomiese perspektief op die Suid-Afrikaanse ervaring*. DPhil, 2000. 480 pp. Promotor: Prof CL McCarthy.
3. SADIE JL. *The economic demography of the South Africa*. DComm, 2000. 454 pp. Promotor/medepromotor: Prof CL McCarthy/prof BW Smit.

### **Doktoraal lopend/Doctoral current**

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8. THERON NM. *Money supply endogeneity in developing economies – the case of the SADC countries*. PhD Promotor: Prof BJ Moore.

### Magister lopend/Master's current

1. BLAAUW PA. *Competition and the role of regulation in the South African gas industry*. MComm Studieleier: Prof PA Black.
2. BREDENKAMP C. *Falling through the cracks - income security and the South African social security system*. MA Studieleier: Prof S van der Berg.
3. CHAMBERLAIN D. *Earning functions, labour market discrimination and quality of education in South Africa*. MComm Studieleier: Prof S van der Berg.
4. DU TOIT WA. *The economics of ports with specific reference to the Saldanha port*. MComm Studieleier: Mnr A van der Merwe.
5. 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.
6. KOOY ZW. *Contract farming: old mistakes and new opportunities*. MComm Studieleier: Mnr M Karaan.
7. 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.
8. NIGRINI M. *Village banking in South Africa*. MComm Studieleier: Prof GA Schoombee.
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10. PHILLIPS NE. *The effect of the Asian crisis in changing the face of globalization*. MComm Studieleier: Prof BW Smit.
11. TREGURTHA NL. *An approach to human development in rural Western Cape*. MComm Studieleier: Me RCC Jafta.
12. VAN DEVENTER GJ. *Socioeconomic development in the coloured community since the Theron Commission*. MComm Studieleier: Prof S van der Berg.
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**NAGRAADSE BESTUURSKOOL**  
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2. BURGER JH. *The incremental information content of the value added statement of companies on the Industrial Index of the Johannesburg Stock Exchange*. PhD Promotor: Prof WD Hamman.
3. DENTON JM. *Lifestyle management: a study of South African managers*. PhD Promotor/medepromotor: Prof J Coetzee (PU vir CHO) (ekstern)/prof E van der M Smit.
4. GOOSEN GJ. *Key factor entrepreneurship – the development of a systems model to facilitate the perpetuation of entrepreneurship in the larger South African organisation*. PhD Promotor: Prof TJ de Coning.

5. HEARN AM. *The utilisation of artificial intelligence technology to institute feed forward control in the operation of a submerged ore furnace*. PhD Promotor: Prof WR Gevers.
6. LOUW PJE. *The development of a projects management system for a biological research environment with specific reference to the Agricultural Research Council*. PhD Promotor: Prof CJ Brown.
7. MLOTSHWA E. *A critical study of the impact of the Zimbabwe government programme for the promotion of Small and Medium Enterprises (SMEs) for the period July 1992 to 1997*. PhD Promotor: Prof W Thomas.
8. OBERHOLSTER JH. *Agricultural credit risk management using artificial neural networks and expert systems*. PhD Promotor: Prof WR Gevers.
9. OOMS LLE. *The relationship between share returns and inflation, real economic growth and risk in the South African economy*. PhD Promotor: Prof EvdM Smit.
10. PIETERSE WEN. *Critical factors for management and labour for the successful implementation of worker participation with specific reference to the Western Cape*. PhD Promotor: Prof HA Jordaan (besoekende professor).
11. PLOUGHMAN EM. *Emerging leadership theories: a study of leadership thought and its implications for leadership development and practice in the new millennium*. PhD Promotor: Prof WP Esterhuysen.
12. SCHREUDER A. *A study on the key factors that determine the relationship between manufacturers and distributors of crop protection chemicals*. PhD Promotor: Prof H Oosthuizen.
13. VISAGIE JJ. *An integrated management strategy for tertiary education in South Africa*. PhD Promotor: Prof WP Esterhuysen.
14. VISSER DJ. *A policy framework for the development of effective transformational leadership in South African small and medium-sized enterprises*. PhD Promotor: Prof TJ de Coning.
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3. LEINENBACH C. *Computer-aided environments as instruments in marketing: strategic implications for the travel and tourism industry*. PhD Promotor: Prof M Leibold.
4. MAY C. *Marketing strategies of South African manufacturing firms in international markets*. PhD Promotor: Dr RC O'Neill.
5. MOSTERT JH. *The impact of labour-related risks on financial investment decision-making by institutional investors*. PhD Promotor: Prof FJ Mostert.
6. MÜLLER DD. *Synergy audits as a strategic management tool in global airline alliance networks*. PhD Promotor: Prof M Leibold.
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### Magister lopend/Master's current

1. DURAND I. *Skiprdividende in Suid-Afrika*. MRek Studieleier: Prof P Olivier.

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

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1. BURGER J. Demarcating public financial knowledge and skills requirements for increased public sector performance. *Journal of Public Administration* 1999; **34**(4): 424-447.
2. CEASAR N, THERON F. Assessing attitudes and perceptions on integrated development planning. The case of Stellenbosch. *Administratio Publica* 1999; **9**(2): 58-86.
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3. CLOETE F. *Improving effective governance outcomes with electronic decision support systems*. Biennial Conference of the Commonwealth Association of Public Administration and Management (CAPAM) on Globalisation, Governance and the Public Service. Cape Town, South Africa, 2000.
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3. FOURIE MHW. *Die bestuur van diversiteit in die Suid-Afrikaanse Polisie*. 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. KAHN SB. *Managing an integrated South African National Defence Force towards increased productivity*. PhD Promotor: Dr APJ Burger.
6. KEYTER CA. *A managerial model for distance education at the polytechnic of Namibia*. PhD Promotor: Prof E Schwella.
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3. FREYSEN JAJ. *The redistribution of agricultural land to the landless in the Western Cape*. MPA Studieleier: Mnr JPJ van Baalen.
4. MORTEL JdeV. *Die ontstaan, groei en stedelike morfologie van vroeë nedersettings in die Wes-Kaap*. MS en S Studieleier: Prof CT Welch.
5. SCHUTTE C. *Die invloed van beheermeganismes op die stadsvorm*. MS en S Studieleier: Prof CT Welch.
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**STATISTIEK EN AKTUARIËLE WETENSKAP**  
**(waarby ingesluit die Sentrum vir Statistiese Konsultasie) /**  
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INSTITUTE FOR FUTURES RESEARCH**

**Tydskrifartikels/Journal articles**

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2. MOUTON HduT. *Analysis and synthesis of a 2 MVA series-stacked power-quality conditioner*. PhD, 2000. 243 pp. Promotor: Prof JHR Enslin.
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1. AGJEE FMDE. *The development of a wide band signal conditioning system for high voltage measurements using a transconductance topology*. MSc (Ingwet), 2000. 201 pp. Studieleier: Dr HJ Vermeulen.
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9. ENGELBRECHT JAA. *A hardware-in-the-loop simulation facility for the attitude determination and control system of SUNSAT*. MSclng cum laude, 2000. 171 pp. Studieleier: Prof JJ du Plessis.
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1. AUDITORE A. *Benchmarking of power utility networks*. PhD Promotor: Prof JHR Enslin.
2. BADENHORST PJ. *Navorsing oor die implementering van skyn-intelligensie algoritmes in herprogrammeerbare logika vir hoëspoedtoepassings*. PhD (Ing) Promotor: Prof PJ Bakkes.
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### **Magister Iopend/Master's current**

1. BARNARD A. *Ondersoek na 'n nuwe generasie verwerker vir "OBC" [On Board Computer] op mikrosatelliete*. MScIng Studieleier: Prof PJ Bakkes.
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35. ROSSOUW J. *RF-substelsel ontwerp vir SUNSAT.* MIng Studieleier: Prof GW Milne.
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37. SMUTS JL. *Alternatiewe energie-aangedrewe elektriese voertuig-uitvoerbaarheidstudie, ontwerp, drywingsbeheer, evaluering.* MScIng Studieleier: Dr MJ Kamper.
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41. VAN DER MERWE B. *Objek-geöriënteerde verspreide programmatuur*. MScIng Studieleier: Prof PJ Bakkes.
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44. VAN DER MERWE M. *Wyeband drywingsversterker by X-band*. MScIng Studieleier: Dr JB de Swardt.
45. VAN DER WESTHUIZEN WJ. *Koppelvlak tussen SUNSAT S-bandontvanger en PCI bus*. MScIng Studieleier: Prof PJ Bakkes.
46. VAN HEERDEN JP. *Vloeibeheer vir flotasieprosesse*. MScIng Studieleier: Prof JJ du Plessis.
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48. VENTER CJ. *Driedimensionele gesigrekonstruksie uit stereobeeld*. MScIng Studieleier: Prof DM Weber.
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51. VON BACKSTRÖM KA. *Multiverwerkerprogrammering*. MScIng Studieleier: Prof JJ du Plessis.
52. WESSELS W. *CDMA deurseetvermoë*. MScIng Studieleier: Prof JG Lourens.

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6. MEYER CJ, KRÖGER DG. *Numerical simulation of the flow field in the vicinity of an axial flow fan*. Proceedings on International Conference on Applied Mechanics SACAM. Durban, South Africa, 2000: 172-175.
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4. SWANEPOEL G, TAYLOR AB, DOBSON RT. *Theoretical modelling of pulsating heat pipes*. 6th International Heat Pipe Symposium. Chiang Mai, Thailand, 2000.
5. VERMEULEN MO, WESSELS JA, VON BACKSTRÖM TW. *The influence of upstream geometry on the activation pressure of free and restricted reed configurations*. 3rd

International Congress of the African Association of Physiological Sciences. Pretoria, South Africa, 2000.

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1. BEYERS M. *A finite volume method for the analysis of the thermo-flow field of a solar chimney collector*. MSclng, 2000. 190 pp. Studieleier: Dr TM Harms.
2. COETZEE CJ. *Forced granular flow*. MSclng, 2000. 252 pp. Studieleier: Mnr DNJ Els.
3. CROUS PG. *Modellering van sleepgraafdinamika*. MSclng, 2000. 144 pp. Studieleier: Mnr DNJ Els.
4. DU TOIT JF. *Design evaluaton and redesign of a refrigerated semi-trailer structure using the finite element technique*. MSclng, 2000. 240 pp. Studieleier: Mnr E Terblanche.
5. MAKHEMA TDG. *Performance evaluation of air-cooled heat exchangers*. MSclng, 2000. 140 pp. Studieleier: Prof DG Kröger.
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8. STEYN J. *Design, build and testing of a bearingless rotorhub for the 24% scale model of the rooivalk attack helicopter*. MSclng, 2000. 140 pp. Studieleier: Mnr K van der Westhuizen.

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1. BELL AJ. *The effect of fuel formulation on the exhaust emission of spark ignition engines*. PhD Promotor: Dr AB Taylor.
2. DOBSON RT. *The heat transfer characteristics of an ammonia-charged inclined two-phase closed thermosyphon*. PhD Promotor: Prof DG Kröger.
3. GANNON AJ. *A design method for solar chimney turbines*. PhD Promotor: Prof TW von Backström.
4. MEYER CJ. *A numerical and experimental investigation of the influence of plenum chamber aerodynamic behaviour on the performance of mechanical draught air-cooled heat exchangers*. PhD Promotor: Prof DG Kröger.
5. MIGEOTTE G. *Design and optimisation of hydrofoil assisted catamarans*. PhD Promotor: Prof KG Hoppe.
6. SCHREVE K. *Early cost estimation of sand-cast products*. PhD Promotor: Prof AH Basson.
7. SCHUELLER A. *Development of a multi-user design procedure, with special consideration of communication and information transfer*. PhD Promotor: Prof AH Basson.
8. VELDSMAN G. *Ontwerp vir vervaardiging van RTM gietvorms*. PhD Promotor: Prof AH Basson.

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1. BLAINE DC. *Theoretical and experimental investigation of enhanced heat transfer surfaces*. MIng Studieleier: Prof DG Kröger.
2. CONRADIE PA. *The development of a dynamic engine testing facility*. MSclng Studieleier: Dr AB Taylor.
3. DIAB AF. *A comparative evaluation of the suitability of non-linear time series analysis for the modelling of air pollution*. MSclng Studieleier: Dr AB Taylor.
4. DU TOIT JH. *An investigation of a design method for mixed flow fans*. MSclng Studieleier: Prof TW von Backström.
5. DU TOIT MJ. *Eindige element analise van 'n binnebrandenj-inlaatspruitstuk struktuur*. MSclng Studieleier: Mnr K van der Westhuizen.

6. EMSLIE LD. *'n Ondersoek na die verwantskap tussen enjinparameters en uitlaatgasse en lewensduur van dieselenjins*. MScIng Studieleier: Dr AB Taylor.
7. FUNNELL ME. *Monitoring of a helicopter tail-rotor vibration*. MScIng Studieleier: Mnr DvV Pienaar.
8. GOUSSARD CL. *Semi-automatic extraction of primitive geometric entities from point clouds*. MScIng Studieleier: Prof AH Basson.
9. GREEN JJ. *Taguchi experimental methods in automotive research*. MScIng Studieleier: Dr AB Taylor.
10. GROENEWALD A. *The thermal management of die casting processes using heat pipes*. MIng Studieleier: Mnr RT Dobson.
11. HEDDERWICK RA. *Performance evaluation of a solar chimney power plant*. MScIng Studieleier: Prof DG Kröger.
12. HEISE R. *Investigation of intec in crossflow*. MScIng Studieleier: Prof TW von Backström.
13. LIU Y. *A CAD interface for manufacturing cost estimation software*. MScIng Studieleier: Prof AH Basson.
14. LOMBAARD IF. *Extraction and storage of solar energy for long-term usage*. MScIng Studieleier: Prof DG Kröger.
15. LOTUN D. *Design and evaluation through simulation and experimental apparatus of a small-scale waste heat recovery system*. MScIng Studieleier: Dr TM Harms.
16. MILNE BG. *Optimisation of vehicle control strategy for hybrid electric vehicles*. MSc Ing Studieleier: Dr AB Taylor.
17. ROUX JK. *Experimental and numerical investigation into dynamic thrust delivered by a shrouded propeller*. MIng Studieleier: Dr GD Thiart.
18. SWANEPOEL G. *Thermal management of hybrid electrical vehicles using heat pipes*. MScIng Studieleier: Mnr RT Dobson.
19. VAN DER HAM GA. *Die gebruik van gasagtige brandstowwe in binnebrandenjins in Suid-Afrika*. MScIng Studieleier: Dr AB Taylor.
20. VAN DER MERWE JC. *Computation of flow through torque converter stages*. MScIng Studieleier: Prof TW von Backström.
21. VAN VUUREN CM. *Modelling of internal combustion engine intake and exhaust processes*. MScIng Studieleier: Dr GD Thiart.
22. WESTDYK D. *Die invloed van evapotranspirasie op die kwaliteit van lug wat deur 'n "kweekhuis" vloei*. MScIng Studieleier: Prof DG Kröger.
23. WILLIAMS PNT. *Design for manufacture of camshaft systems for the production of upgraded engines*. MScIng Studieleier: Dr AB Taylor.

**SIVIELE INGENIEURSWESE**  
**(waarby ingesluit die Institute vir Struktuuringsenieurswese**  
**en Transporttegnologie) /**  
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2. PIENAAR WJ. *The economic evaluation of bus and minibus taxi terminals and transfer facilities*. PhD, 2000. 142 pp. Promotor: Prof CJ Bester.

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1. BREDENHANN S. *Project use of neural networks in pavement management systems*. MIng, 2000. 238 pp. Studieleier: Prof MFC van de Ven.

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4. MATJI MP. *Comparative modelling of phosphorous production in rural catchments*. MSc (Ingwet), 2000. 160 pp. Studieleier: Prof AHM Görgens.
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6. NG'ANJO P. *Research into the properties of lateritic gravels and their impact on pavement design*. MScIng, 2000, 177 pp. Studieleier: Prof MFC van de Ven.
7. NITSCHKE NC. *Assessment of a hydrodynamic water quality model, Du Flow, for a winter rainfall river*. MScIng., 2000, 190 pp. Studieleier: Prof AHM Görgens.
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1. ARMITAGE NP. *Driedimensionele sedimentvervoer*. PhD Promotor: Prof A Rooseboom.
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5. JONKER V. *Hydraulic relationships for determining ecological flow requirement components in winter rainfall rivers*. PhD Promotor/medepromotor: Prof A Rooseboom/ prof AHM Görgens.
6. 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.
7. MILNE TI. *Towards a performance-related seal design method for bitumen and modified bitumen seal binders*. PhD Promotor: Prof MFC van de Ven.
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14. STRASHEIM JAvB. *Semi-automated space planning*. PhD Promotor: Prof PE Dunaiski.
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16. VAN ROOYEN GC. *Efficient computer models for collaborative engineering in steel design*. PhD Promotor: Prof PE Dunaiski.
17. VAN ZYL NJW. *Land use transport strategies to cope with sub-urbanisation*. PhD Promotor: Prof CJ Bester.
18. VERHAEGHE BMJA. *Development and implementation of a product performance guarantee system (PPGS)*. PhD Promotor: Prof MFC van de Ven.

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1. BECK JS. *Invloed van damme op die riviermorfologie*. MScIng Studieleier: Prof GR Basson.
2. BERMAN BN. *Aspekte van ingenieursbestuur*. MScIng Studieleier: Mnr JAVB Strasheim.
3. BESTER A. *Besluitsteunstelsels vir projek risikobestuur*. MScIng Studieleier: Prof JV Retief.
4. BRAND WW. *Reliability of a prestressed concrete beam designed according to SABS 0160 (1989) and SABS 0100 (1992)*. MScIng Studieleier: Prof JV Retief.
5. BURGER AF. *Rheology of polymer-modified bitumen*. MScIng Studieleier: Prof MFC van de Ven.
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## TOEGEPASTE WISKUNDE / APPLIED MATHEMATICS

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1. ABLOWITZ MJ, HALBURD R, HERBST BM. On the extension of the Painlevé property to difference equations. *Nonlinearity* 2000; **13**: 889-905.

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2. FOURIE JG. *The mathematical modelling of heat transfer and fluid flow in cellular metallic foams*. PhD (Ingwet), 2000. 397 pp. Promotor: Prof JP du Plessis.
3. MULLER NL. *Facial recognition using eigenfaces*. PhD, 2000. 156 pp. Promotor: Prof BM Herbst.

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2. DIPPENAAR CY. *Operasionele navorsing oor vervroegde aftrede. [Operational research on early retirement]*. MSc cum laude, 2000. 189 pp. Studieleier: Prof G Geldenhuys.
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1. BERJAK SG. *A cryptanalytic attack design against a block-oriented stream cipher with a 160-bit secret key*. PhD Promotor/medepromotor: Dr JH van Vuuren/mnr D van Greunen.
2. COETZER J. *Off-line signature verification*. PhD (Ingwet) Promotor: Prof BM Herbst.
3. DU TOIT E. *A quantitative bio-economic investigation of inshore fisheries*. PhD Promotor/medepromotor: Dr GC Cruywagen/dr JH van Vuuren.
4. KATZ MP. *Mathematical modelling of financial data*. PhD Promotor: Prof BM Herbst.
5. MAGAIA LL. *An automated facial recognition system based on stereo images*. PhD Promotor: Prof BM Herbst.

**Magister lopend/Master's current**

1. DU PLESSIS JP. *Modelling and application of transfer processes in porous structures*. MSc Studieleier: Dr GJF Smit.
2. HUDDLESTONE G. *Prediction techniques for time series produced by nonlinear processes*. MSc Studieleier/medestudieleier: Prof M Gerber/prof JAC Weideman.
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4. STIPP EH. *Ramsey numbers in multi-partite graphs*. MSc Studieleier/medestudieleier: Dr JH van Vuuren/prof JP du Plessis.
5. THOMASSET A. *Subdivision of surfaces*. MSc Studieleier: Prof BM Herbst.
1. WAGENAAR EA. *Wiskundige maatstawwe vir beleggingsrisiko en portefeulje-evaluering: 'n vergelykende studie. [Mathematical measures for financial risk and investment portfolio evaluation: a comparative study]*. MSc Studieleier: Dr JH van Vuuren.

**FAKULTEIT GENEESKUNDE**

**FACULTY OF MEDICINE**

## ANATOMIE EN HISTOLOGIE / ANATOMY AND HISTOLOGY

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2. LABUSCHAGNE BCJ, MATHEY B. Cadaver profile at University of Stellenbosch Medical School, South Africa: 1956-1996. *Clinical Anatomy* 2000; **13**(2): 88-93.
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2. CHASE CC, BEZUIDENHOUT J, SCHNEIDER JW, PRETORIUS M, FENHALLS G, BARDIN PG. *Granuloma morphology in tuberculosis*. 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
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4. GELDENHUYS KM, CHASE CC, GIE R. *Lipid laden macrophages in broncho-alveolar lavages of children*. 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
5. GELDENHUYS KM, LABUSCHAGNE BCJ. *The learning environment and academic performance of students*. 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.
6. LABUSCHAGNE BCJ, GELDENHUYS KM. *Factors related to the learning environment*. 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
7. LABUSCHAGNE BCJ, GELDENHUYS KM. *Oral evaluations in Anatomy and Histology*. 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
8. LABUSCHAGNE BCJ, GELDENHUYS KM. *Oral versus written evaluations for second year medical students in anatomy*. 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.
9. MULLER CJF, DU TOIT DF, CHASE CC, GELDENHUYS KM, PAGE BJ. *Teaching of histology in the undergraduate paramedical curriculum: assessment of a student-centered approach*. 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.

10. MULLER CJF, DU TOIT DF, PAGE BJ, LOUW J, MULLER N, MATTYSEN J, LYNERS R. *Is foetal pancreas transplantation able to reverse chemically induced diabetes in an isogenic rat model? – a long-term follow-up.* 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
11. MULLER CJF, DU TOIT DF, PAGE BJ, MATTYSEN J, LYNERS R. *The efficacy of malononitrilamide 715 (MNA) as immunosuppressant, alone or in combination with cyclosporin (CSA), in allogeneic foetal rat pancreatic transplantation.* 4th International Conference on New Trends in Clinical and Experimental Immunosuppression. Geneva, Switzerland, 2000.
12. PAGE BJ, DU TOIT DF, CHASE CC, MULLER CJF. *A dramatic turnaround in the academic profile of medical students from scholastically disadvantaged backgrounds.* 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
13. PAGE BJ, DU TOIT DF, CHASE CC, MULLER CJF. *Endocrine tissue remodelling in the duct ligated pancreas.* 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
14. PAGE BJ, DU TOIT DF, MULLER CJF. *Medical education reform in developing countries: the value of mentor/tutor programmes.* 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.

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1. MULLER CJF, DU TOIT DF, PAGE BJ. *A morphometric and functional assessment of allogeneic foetal rat pancreatic transplantation in a laboratory diabetic rat model.* 25th Annual Meeting of the Surgical Research Society of South Africa. Cape Town, 2000.
2. PAGE BJ, DU TOIT DF, MULLER CJF. *Pancreatic duct ligation as surgical intervention into the treatment of diabetes mellitus in laboratory animals.* 25th Annual Meeting of the Surgical Research Society of South Africa. Cape Town, 2000.

### Doktoraal afgehandel/Doctoral completed

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.

### Doktoraal lopend/Doctoral current

1. MULLER CJF. *Preclinical assessment of the novel immunosuppressive properties of anti-CD4 monoclonal antibodies (mAb) in a allogeneic foetal rat pancreatic transplantation, diabetic, laboratory animal model.* PhD Promotor/medepromotor: Prof DF du Toit/prof PJD Bouic.

## ANATOMIESE PATOLOGIE / ANATOMICAL PATHOLOGY

### Tydskrifartikels/Journal articles

1. DE JONG G, KIRBY PA. Defects of blastogenesis: counselling dilemmas in two families. *American Journal of Medical Genetics* 2000; **91**: 175-179.
2. DU PLESSIS DG, SCHNEIDER JW, TREURNICHT FK, ENGELBRECHT S, VAN RENSBURG EJ. Absence of human herpesvirus-8 DNA in Kaposi's sarcoma following post-mastectomy lymphoedema. *Histopathology* 2000; **36**: 474-475.

3. GUEULETTE J, BÖHM L, SLABBERT JP, DE COSTER BM, RUTHERFOORD GS, RUIFROK A, OCTAVE-PRIGNOT M, BINNS PJ, SCHREUDER AN, SYMONS JE, SCALLIET P, JONES DTL. Proton relative biological effectiveness (RBE) for survival in mice after thoracic irradiation with fractionated doses. *International Journal of Radiation Oncology Biology Physics* 2000; **47**(4): 1051-1058.
4. JORDAAN HF, SCHNEIDER JW, ABDULLA EAK. Nodular tuberculid: a report of four patients. *Pediatric Dermatology* 2000; **17**(3): 183-188.
5. KNAPPE M, LOUW M, GREGOR RT. Ultrasonography-guided fine-needle aspiration for the assessment of cervical metastases *Archives of Otolaryngology, Head and Neck Surgery* 2000; **126**: 1091-1096.

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1. FENHALLS G, STEVENS L, BEZUIDENHOUT J, BARDIN P, LUKEY PT. *IL-12 Gene expression correlates with IFN-gamma protein in human tuberculous granulomas*. Annual Action Meeting, Glaxo Wellcome Medicines Research Centre. Stevenage, UK, 2000.
2. MULLER CJF, DU TOIT DF, PAGE BJ, LOUW J, MULLER N, MATTYSEN J, LYNERS R. *Is foetal pancreas transplantation able to reverse chemically induced diabetes in an isogenic rat model? – a long-term follow-up*. 30th Annual Congress of the Anatomical Society of Southern Africa. Tygerberg, South Africa, 2000.
3. RUTHERFOORD GS. *Correlative imaging & pathology of CNS granulomatous mass lesions*. Neuropathology 2000. XIVth International Congress of Neuropathology. Birmingham, England, UK, 2000.

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1. BATES WD, MULLER N. *Electron microscopic evaluation of renal SLE*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
2. BATES WD, MULLER N, MOOSA MR, HALLAND A, RICKMAN R. *Renal biopsy assessment of the treatment of lupus nephritis*. PATH2000 The 40th Annual Congress of the Federation of South African Societies of Pathology. Aventura Spa Warmbaths, 2000.
3. COETZEE K, WINDT M-L, MENKVELD R, KITSHOFF MS, KRUGER TF, BATES WD. *An intracytoplasmic sperm injection pregnancy with a globozoospermic male*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
4. DE MILANDER C, PETERSEN J. *Ascus in the presence of infection: a diagnostic dilemma*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
5. DU PLESSIS L, GOODWIN J, HESSELING PB, SCHNEIDER JW, KOTZE MJ. *Mycn as prognostic marker in neuroblastoma: establishment of a real-time PCR technique for detecting Mycn amplification*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
6. DU PLESSIS JM, SCHAETZING AE, WRANZ PAB, LOUW M. *A comparative study between the Aylesbury and the Cervitula spatula for cervical cytology*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
7. JAMES RW, BEZUIDENHOUT JB, SMITH J. *A histopathological and ultrastructural study of surfactant depleted rabbit lungs*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
8. JORDAAN HF, MOUTON RW, SCHNEIDER JW. *A new type of minocycline-induced hyperpigmentation*. Dermatology 2000, Annual Congress of the Dermatological Society of South Africa. Sun City, 2000.
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11. LOUW M, SMIT K. *A systematic approach for distinguishing benign from malignant breast disease*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
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13. PAGE BJ, DU TOIT DF, WRANZ PAB, PARKIN D, MULLER CJF. *Mentor/tutor programmes – on their own, or in tandem with academic coping skills development – do either influence student achievement?* 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
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15. SMIT K, LOUW M. *Cytological grading: adding prognostic value to fine needle aspirates from breast carcinomas*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
16. SMITH J, GROBLER A, SCHNEIDER J, VAN DER MERWE L, GEERTS L. *The effect of absent or retrograde end-diastolic flow in the umbilical artery on human lung development*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
17. VISAGIE B, SCHNEIDER JW, JORDAAN HF, SCHOEMAN B, HENRICO B, MACGREGOR P. *Demonstration of mast cells in cutaneous mastocytosis*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
18. WINDT M-L, COETZEE K, KRUGER TF, SOUSA M, KITSHOFF MS. *Transmission electron microscopy (TEM) in a patient with non-extrusion of the polar body*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

### **Boeke/Books**

1. SCHNEIDER JW. *Anatomiese Patologie – die wortels*. US Drukkery, Stellenbosch, 2000. 16 pp.

### **Hoofstukke in boeke/Chapters in books**

1. EL SHAFIE M, KITSHOFF M, MCGREGOR P, WRANZ PAB, KRUGER TF, SOUSA M. Materials and methods for single-cell transmission electron microscopy of the human oocyte. In: El Shafie M, Sousa M, Windt M-L, Kruger TF, (eds). *An Atlas of the Ultrastructure of Human Oocytes – A guide for Assisted Reproduction*. Parthenon Publishing Group, London, 2000: 175-182.

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### Magister afgehandel/Master's completed

1. JAMES RWJ. *Histological features of the lungs of surfactant deficient rabbits: Intratracheal reconstituted surfactant replacement therapy versus placebo*. MMed Studieleier: Dr J Bezuidenhout.

### Doktoraal lopend/Doctoral current

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

### Magister lopend/Master's current

1. COLESKY FJ. *Clinicopathological features of dermatofibrosarcoma protuberans*. MMed Studieleiers: Proff JW Schneider en HF Jordaan.
2. MEYER WP. *The predictive value of pre-operative ultrasound and endometrial biopsy in patients with endometrial carcinoma*. MMed Studieleier: Dr M Louw.
3. VERMEULEN KW *A computerised diagnostic aid and interactive reference guide in dermatopathology*. MMed Studieleiers: Proff JW Schneider en HF Jordaan.

## ANESTESIOLOGIE / ANAESTHESIOLOGY

### Tydskrifartikels/Journal articles

1. BOEZAART AP. Nerve stimulator assisted catheter placement for continuous plexus and nerve blocks. *Hospital Supplies* 2000: 4-5.
2. BOEZAART AP, BERRY AR, NELL ML. Topical anesthesia versus retrobulbar block for cataract surgery – the patients' perspective. *Journal of Clinical Anesthesiology* 2000; **12**: 58-60.
3. BOEZAART AP, DE BEER JF, VAN ROOYEN K. Rotator cuff tear: intra-operative electrical stimulation of the suprascapular nerve. *Arthroscopy* 2000; **16**(18e): 1-5.
4. BOEZAART AP, DU TOIT JC. Latest regional anaesthesia techniques for the management of acute pain. *Continuing Medical Education* 2000; **18**: 111-117.
5. COETZEE JF. Low flow and intravenous anaesthesia: allies or combatants? *Applied Cardiopulmonary Pathophysiology* 2000; **9**: 135-144.
6. COETZEE JF, LE ROUX P, GENADE S, LOCHNER A. Reduction of postischemic contractile dysfunction of the isolated rat heart by sevoflurane: comparison with halothane. *Anesthesia & Analgesia* 2000; **90**: 1089-1097.
7. LE ROUX P, COETZEE J. Tramadol today. *Current Opinion in Anaesthesiology* 2000; **13**: 457-461.

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1. BOEZAART AP. *Curate catheter placement for continuous nerve blocks: laboratory and clinical evaluation of a new needle and catheter set*. International Symposium on Regional Anesthesia and Pain Medicine. Quebec City, Canada, 2000.
2. BOEZAART AP, DE BEER JF, BURKHART S. *Intra-operative stimulation of the suprascapular nerve*. International Congress of Arthroscopy and Sports Traumatology. Brussels, Belgium, 2000.

### Referate nasionaal/Papers national

1. BASSON E. *Preoperative evaluation for lung surgery*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
2. BOEZAART AP. *An animal model for teaching accurate catheter placement for continuous plexus and nerve blocks*. SASA National Meeting. Cape Town, 2000.
3. BOEZAART AP. *Continuous nerve and plexus block*. SA Society of Regional Anaesthesia. Durban, 2000.
4. BOEZAART AP. *Effects of local anesthetic procedures on the respiratory system*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
5. BOEZAART AP. *Epidural air bubbles, wet and dry taps – an update from the past*. SA Society of Regional Anaesthesia. Durban, 2000.
6. BOEZAART AP, DE BEER JF. *Cryo-arthroscopy – a preliminary evaluation of a new concept*. SA Orthopaedic Association Annual Congress. Durban, 2000.
7. COETZEE AR. *Acute pulmonary artery hypertension*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
8. COETZEE AR. *Effect of anesthesia on the respiratory system*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
9. COETZEE AR. *Hypoxia: a clinical approach*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
10. COETZEE AR. *Myocardial protection during cardiac surgery*. The 22nd Biennial Congress of the Southern Africa Cardiac Society. Stellenbosch, 2000.
11. COETZEE AR. *Preoperative examination for non-pulmonary surgery*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
12. COETZEE AR. *Some interesting and current controversies in the management of ARDS*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
13. COETZEE AR. *The thirty minute review of lung physiology*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
14. COETZEE JF. *Monitoring low flow anaesthesia: new considerations*. Congress of the SA Society of Anaesthesiologists. Cape Town, 2000.
15. COETZEE JF. *Practical use of the bispectral index monitor*. Congress of the SA Society of Anaesthesiologists. Cape Town, 2000.
16. COETZEE JF. *Towards target-controlled anaesthesia: integrating intravenous and inhaled anaesthesia*. Congress of the SA Society of Anaesthesiologists. Cape Town, 2000.
17. DE BEER JF, BOEZAART AP. *Gleno-humeral joint injection*. SA Orthopaedic Association Annual Congress. Durban, 2000.
18. LEVIN A. *One lung anesthesia: the pathophysiology*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.
19. VAN DER MERWE W. *Asthma and hypersensitive airways: pathophysiology and peri-operative implications*. The Lung in Anesthesia and Intensive Care. Tygerberg, 2000.

### Doktoraal afgehandel/Doctoral completed

1. VAN DER MERWE WL. *Renal dysfunction associated with infrarenal cross clamping of the aorta during major vascular surgery*. MD, 2000. 235 pp. Promotor: Prof AR Coetsee.

### Magister afgehandel/Master's completed

1. PRETORIUS RS. *Use of the bispectral index as a guide to desflurane administration*. MMed, 2000. 36 pp. Studieleier: Prof JF Coetsee.
2. PRINSLOO E. *The influence of combined retro and peribulbar regional anesthesia on the pulsatile ocular blood flow*. MMed, 2000. 35 pp. Studieleier: Prof JF Coetsee.
3. SMIT RF. *Epidurale pynverligting in kraam*. MMed, 2000. 73 pp. Studieleier: Dr K Payne.
4. WEICH S. *Die veiligheid van minimale en lae vloei narkose. 'n Ondersoek na die risiko van hipoksie*. MMed, 2000. 35 pp. Studieleier: Prof JF Coetsee.



### Doktoraal Iopend/Doctoral current

1. LEVIN A. *A study of right ventricular function during one lung anesthesia*. PhD Promotor: Prof AR Coetzee.

### Magister Iopend/Master's current

1. BOSMAN M. *Continuous positive airway pressure during cardiopulmonary bypass improved postoperative gas exchange*. MMed Studieleier: Prof AR Coetzee.
2. COETZEE G. *Post-operatiewe analgesie na isofluraan-remifentaniel narkose*. MMed Studieleier: Prof JF Coetzee.
3. CONRADIE D. *Hemodinamiese veranderinge tydens minimale invasiewe kardiopulmonêre chirurgie*. MMed Studieleier: Prof AR Coetzee.
4. DE WET H. *BIS monitering tydens opwarming van pasiënte*. MMed Studieleier: Prof AR Coetzee.
5. EATON L. *Remifentaniel en sufentaniel is intraveneuse infuus se effek op bloeddruk en oorsaak daarvan*. MMed Studieleier: Prof JF Coetzee.
6. JOLLANDS C. *Vergelyking van analgesie van kanale blokke en enkel blokke in klompvoete in jong kinders*. MMed Studieleier: Dr M Coetzer.
7. JONCK E. *Die insidensie van naarheid en braking met desfluraan*. MMed Studieleier: Prof JF Coetzee.
8. LE ROUX MJ. *Sevofluraan tydens lae vloei narkose: 'n ondersoek na middelkonsumpsie*. MMed Studieleier: Prof JF Coetzee.
9. LEEUW GL. *Sevofluraan en die elektro-enkefalogram*. MMed Studieleier: Prof JF Coetzee.
10. MATTHEYSE F. *The effect of varying fresh gas flow on end-tidal to arterial carbon dioxide partial pressure difference*. MMed Studieleier: Prof JF Coetzee.
11. NEUMEISTER G. *Die invloed van propofol op die farmakokinetika van alfentaniel*. MMed Studieleier: Prof JF Coetzee.
12. ROBSON B. *Sevofluraan tydens lae vloei narkose: 'n ondersoek na in- en uitgeasemde partiële drukke*. MMed Studieleier: Prof JF Coetzee.
13. SCHMIDT L. *Adrenoreseptor respons op stimulant by hipertensiewe gekontroleerde en ongekontroleerde hipertensie*. MMed Studieleier: Prof AR Coetzee.
14. SWANEVELDER C. *Ventilasie deur pediatriese endotracheale buise*. MMed Studieleier: Prof JF Coetzee.
15. VAN DER MERWE SW. *Alveolêre herwinning en stabilisasie: 'n metode om intra- en onmiddellik postop-arteriële suurstofspanning te verbeter*. MMed Studieleier: Prof AR Coetzee.
16. VAN SCHALKWYK H. *Comparing the cardiovascular effects of sevoflurane and halothane with and without atropine in children*. MMed Studieleier: Dr KA Payne.
17. VON DER HEYDEN C. *Investigation into the possible synergism of magnesium and halothane in the reduction of reperfusion injury of the ischaemic myocardium*. MMed Studieleier: Prof AR Coetzee.

## ARBEIDSTERAPIE / OCCUPATIONAL THERAPY

### Magister afgehandel/Master's completed

1. BEUKES S. *'n Standaardstelling en metingskriteria vir arbeidsterapie werkbepalingsareas*. MArb, 2000. 186 pp. Studieleier/medestudieleier: Mej N Smit/dr SE Carstens.
2. KEMP R. *Die bepaling van die stressore en behartigingstrategieë van die arbeidsterapiestudente aan die Universiteit van Stellenbosch*. MArb cum laude, 2000. 280 pp. Studieleier/medestudieleier: Mev A van Greunen/dr TJvW Kotze.

## CHEMIESE PATOLOGIE / CHEMICAL PATHOLOGY

### Vaktydskrifartikels/Journal articles

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2. MACFARLANE CM. Respiratory control of metabolism and gene expression: a common factor in obesity and cancer. *South African Journal of Science* 2000; **96**: 164-166.
3. MACFARLANE CM. Sublethal oxygen deficiency – the primary cause of cancer. *Medical Hypotheses* 2000; **54**(2): 323-325.
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3. VAN RENSBURG SJ, POTOČNIK FCV, VAN ZYL P, HUGO F, MANSVELT E, TALJAARD JJF, THEODOROU P, HURLY PR. *Serum aluminium and iron in chronic fatigue syndrome*. Eerste Internasionale Konferensie oor Metale en die Brein, "From Neurochemistry to Neurodegeneration". Padova, Italië, 2000.
4. VAN RENSBURG SJ, VAN ZYL JM, DANIELS WMU, TALJAARD JJF. *Isolation of a breakdown product of transferrin ("toxiferrin") with lipid-peroxidative properties*. Eerste Internasionale Konferensie oor Metale en die Brein, "From Neurochemistry to Neurodegeneration". Padova, Italië, 2000.

### Referate nasionaal/Papers national

1. POTOČNIK FCV, PARK C, VAN RENSBURG SJ, HUGO F, VAN HEERDEN B. *Dementia case studies: variants of Chronic Fatigue Syndrome*. 11de Tweejaarlikse Kongres van die Vereniging van Psigiaters van Suid-Afrika. Durban, 2000.
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3. POTOČNIK FCV, VAN RENSBURG SJ, TALJAARD JJF. *Lipid profiles in Alzheimer's disease, vascular dementia, alcohol dementia and controls – a comparative study*. Farmakologie en Neurowetenskappe Kongres, Durban, 2000.
4. VAN RENSBURG SJ, BERMAN PA, POTOČNIK FCV, TALJAARD JJF. *Glycosylation of transferrin in Alzheimer's disease and alcohol-induced dementia*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
5. VAN RENSBURG SJ, BERMAN PA, POTOČNIK FCV, TALJAARD JJF. *Glycosylation of transferrin: is there a different pattern in patients with Alzheimer's disease?* Farmakologie en Neurowetenskappe Kongres. Durban, 2000.

6. VAN RENSBURG SJ, BERMAN PA, POTOENIK FCV, TALJAARD JJF. *Is there a difference in the glycosylation of transferrin in patients with Alzheimer's disease?* 40ste Jaarlikse Kongres van die Federasie van Suid-Afrikaanse Verenigings van Patologie. Warmbad, 2000.
7. VAN RENSBURG SJ, DANIELS WMU, VAN ZYL JM, TALJAARD JJF. *Would steroid supplementation protect against lipid peroxidation?* Farmakologie en Neurowetenskappe Kongres. Durban, 2000.
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## CHIRURGIE (ALGEMEEN) / SURGERY (GENERAL)

### Tydskrifartikels/Journal articles

1. DU TOIT DF, STRAUSS DC, BLASZCZYK M, DE VILLIERS R, WARREN BL. *Endovascular management of thoracic outlet arterial injuries.* *European Journal of Vascular Endovascular Surgery* 2000; **19**: 489-495.
2. JOHNSON G, MOORE SW. *Cholinesterases modulate cell adhesion in human neuroblastoma cells in vitro.* *International Journal of Developmental Neuroscience* 2000; **18**: 781-790.
3. JOHNSON G, MOORE SW. *Localization of a novel adhesion-promoting site on acetylcholinesterase using catalytic antiacetylcholinesterase antibodies displaying cholinesterase-like activity.* *Applied Biochemistry and Biotechnology* 2000; **83**: 131-144.
4. MOORE SW. *Current perspectives of Hirschsprung's disease.* *Specialist Medicine* 2000: 236-237.
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2. JANSEN M. *Duodenale beserings: prospektiewe studie oor drie jaar*. MMed, 2000. 14 pp. Studieleier/medestudieleier: Prof S Moore/prof JAL van Wyk.
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8. SCHEEPERS JG. *Malignant primary small bowel tumours. a retrospective study*. MMed, 2000. 67 pp. Studieleier/medestudieleier: Prof JAL van Wyk/prof BL Warren.
9. SIMONS G. *20 Year experience of pheochromocytoma. a retrospective analysis*. MMed, 2000. 24 pp. Studieleier/medestudieleier: Prof JAL van Wyk/prof S Moore.

### Doktoraal lopend/Doctoral current

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

## DERMATOLOGIE / DERMATOLOGY

### Tydskrifartikels/Journal articles

1. CILLIERS J, DE BEER C. Evaluating the cost to dermatology service within an academic and regional clinic environment in the Western Cape (1995-1996). *Geneeskunde* 2000; **42**(1): 36-42.
2. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. Latex gloves – More harm than good? *Medical Technology SA* 1999; **13**(1): 282-288.

3. JORDAAN HF, SCHNEIDER JW, ABDULLA EAK. Nodular tuberculid: a report of 4 patients. *Pediatric Dermatology* 2000; **17**: 183-188.
4. MICHIE J, JANSSENS D, CILLIERS J, SMIT BJ, BÖHM L. Assessment of electroporation by flow cytometry. *Cytometry* 2000; **41**: 96-101.

### **Verrigtinge internasionaal/Proceedings international**

1. CILLIERS J, BRUCE-CHWATT A. *Keratoacantoma in an academic setting*. American Academy of Dermatology Congress. San Francisco, USA, 2000: 162.
2. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. *The role of occupational exposure in the development of latex hypersensitivity*. 24th World Congress of Medical Technology. Vancouver, Canada, 2000: 281.
3. LOUW JE, CILLIERS J. *Extensive verruca vulgaris and idiopathic depressed immunity. A report of two cases and their management*. American Academy of Dermatology Congress. San Francisco, USA, 2000: 161.
4. MOUTON RW, JORDAAN HF, SCHNEIDER JW. *A new type of minocycline hyperpigmentation. A report of two cases*. *Dermatology* 2000. Vienna, Austria, 2000: 96.

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1. CILLIERS J. *A rational approach to keratoacantoma (KA) diagnosis and treatment is difficult to obtain from current literature*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000: 80.
2. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. *The role of occupational exposure in the development of latex hypersensitivity*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000: 81.
3. JORDAAN HF. *An analysis of skin biopsies performed in 1999 at the Department of Dermatology, Tygerberg Hospital, with special reference to the category, "superficial perivascular dermatitis"*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000: 73.
4. JORDAAN HF, SCHNEIDER JW. *Pilomatrixoma: a study of 68 cases*. Kongres van die Dermatologiese Vereniging van Suid-Afrika. Sun City, 2000: 25.
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9. VISAGIE B, SCHNEIDER JW, JORDAAN HF, SCHOEMAN B, HENRICO B, MACGREGOR P. *Demonstration of mast cells in cutaneous mastocytosis*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000: 35.

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4. CILLIERS J. *Update on atopic dermatitis*. Kongres van die Suid-Afrikaanse Allergie Vereniging. Kaapstad, 2000.
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7. DE BEER C. *Latex allergy: diagnosis and management*. Sikhumba Klub Kongres. Arniston, 2000.
8. JESSOP S, WHITAKER D, JORDAAN HF. *Drug treatments for discoid lupus erythematosus*. 8th International Cochrane Colloquium. Kaapstad, 2000.
9. JORDAAN HF. *Clinical aspects of malignant melanoma*. Lesing: Westelike Provinsie Vereniging van Kliniese Sitologie. Tygerberg, 2000.
10. JORDAAN HF. *Cutaneous melanoma*. Tygerberg tak van die SMLTSA – 2de Akademiese Jaardag. Tygerberg, 2000.
11. JORDAAN HF. *Cutaneous malignant melanoma: stage I & II*. Interaktiewe Satelliet aanbieding. Stellenbosch, 2000.
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13. JORDAAN HF. *Disorders of the foot*. Lesing aan Podiaters. Kaapstad, 2000.
14. JORDAAN HF. *Diagnosis and management of leucocytoclastic vasculitis*. Kongres van die Suid-Afrikaanse Allergie Vereniging. Kaapstad, 2000.
15. SWART E. *Dermatological aspects of the eyelid*. Kongres van die Suid-Afrikaanse Allergie Vereniging. Kaapstad, 2000.
16. WHITAKER D, JESSOP S, JORDAAN HF. *The problems of a systematic reviewer in a developing country*. 8th International Cochrane Colloquium. Cape Town, 2000.

## FARMAKOLOGIE / PHARMACOLOGY

### Tydskrifartikels/Journal articles

1. CAI L, WEI G-X, VAN DER BIJL P, WU CD. Namibian chewing stick, *Diospyros lycioides*, contains antibacterial compounds against oral pathogens. *Journal of Agricultural and Food Chemistry* 2000; **48**(3): 909-914.
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3. QUICK G, VAN ZYL J, HAWTREY A. Effect of nicotinic acid conjugated to DNA-transfecting complexes targeted at the transferring receptor of HeLa cells. *Drug Delivery* 2000; **7**: 231-236.
4. SCHAAF HS, GIE RP, RIE A, SEIFART HI, VAN HELDEN PD, COTTON MF. Second episode of tuberculosis in an HIV-infected child: relapse or reinfection? *Journal of Infection* 2000; **41**(1): 100-103.
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*infected laboratory cat model.* International Proceedings Division, XIII International AIDS Conference. Durban, South Africa, 2000: 21-24.

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1. DYASON K, DU PLESSIS JL, PRENDINI L, BRANDT W, FIEDLER A, MÜLLER GJ, VERDONCK F, TYTGAT J, POSSANI LD, OLAMENDI T, VAN DER WALT JJ. *An analysis of venom from scorpions of the genus Parabuthus of Southern Africa with MALDI TOF mass spectrometry.* XIIIth World Congress of the International Society on Toxinology. Paris, France, 2000.
2. HUYS I, DYASON K, WAEKENS E, VERDONCK F, MÜLLER GJ, VAN DER WALT JJ, TYTGAT J. *Purification, characterization and biosynthesis of parabutoxin 3, a component of Parabuthus transvaalicus venom.* XIIIth World Congress of the International Society on Toxinology. Paris, France, 2000.
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6. VAN DER BIJL P, PENKLER L, VAN EYK AD. *Permeation of sumatriptan through human vaginal and buccal mucosa.* International Association for Dental Research. Perth, 2000.
7. VAN RENSBURG SJ, VAN ZYL JM, DANIELS WMU, TALJAARD JJF. *Isolation of a breakdown product of transferrin ("toxiferrin") with lipid-peroxidative properties.* First International Conference about Metals and the Brain, "From Neurochemistry to Neurodegeneration". Padova, Italy, 2000.
8. VAN ZYL JM, MÜLLER GJ, MARKS CJ, VAN DER WALT JJ, TYTGAT J. *Unique neurotoxic effects of minor adder (viper) bites: a report of 5 cases.* XIIIth World Congress of the International Society on Toxinology. Paris, France, 2000.

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1. DONALD PR, SIRGEL FA, KANYOK TP, DANZIGER LH, VENTER A, BOTHA FJ, PARKIN DP, SEIFART HI, VAN DER WAL BW, MARITZ JS, MITCHISON DA. *The early bactericidal activity of paromomycin (aminosidine) in patients with smear-positive pulmonary tuberculosis.* Pharmacology and Neuroscience Congress. Durban, 2000.
2. DONALD PR, SIRGEL FA, VENTER A, BOTHA FJ, PARKIN DP, SEIFART HI, VAN DER WAL BW, MARITZ JS. *The early bactericidal activity of amikacin in patients with smear-positive pulmonary tuberculosis.* Pharmacology and Neuroscience Congress. Durban, 2000.
3. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, VAN DER WAL BW, BARENDSE A, SMIT E, CARMAN D, TALENT J, MARITZ JS. *The early bactericidal activity of amoxicillin and clavulanic acid in patients with previously untreated smear-positive pulmonary tuberculosis.* Pharmacology and Neuroscience Congress. Durban, 2000.
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6. SIRGEL FA, DONALD PR, VENTER A, PARKIN DP, VAN DER WAL BW, SMIT E, MITCHISON DA. *Die vroeë bakterisidale aktiwiteit van liposomale amikasien in pasiente met voorheen onbehandelde sputum smeer-positiewe pulmonale tuberkulose.* 44ste

Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

7. UEBEL RA. *Chemicals and drugs influencing urine toxicology screening results for drugs of abuse*. 21st Annual Congress of the Academy of Pharmaceutical Sciences. Grahamstown, 2000.
8. VAN RENSBURG SJ, DANIELS WMU, VAN ZYL JM, TALJAARD JF. *Would steroid supplementation protect against lipid peroxidation?* Pharmacology and Neuroscience Congress. Durban, 2000.
9. VAN RENSBURG SJ, VAN ZYL JM, DANIELS WMU, TALJAARD JF. *Isolation of a breakdown product of transferrin ("toxicferrin") with lipid-peroxidative properties*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

### Doktoraal lopend/Doctoral current

1. MEYER D. *A critical appraisal of human lenticular opacification and an investigation into the role of metabolic factors in its pathogenesis*. PhD Promotor: Dr DP Parkin.

### Magister lopend/Master's current

1. FOURIE CJ. *Parasetamol vergiftiging met spesifieke verwysing na meganismes om lewerskade te voorkom*. MSc Studieleiers: Drr J van Zyl en GJ Müller.

## FISIOTERAPIE / PHYSIOTHERAPY

### Tydskrifartikels/Journal articles

1. FAURE M. The Truth and Reconciliation Commission (TRC) document – so what has changed? *The South African Journal of Physiotherapy* 2000; **56**(2): 19-22.
2. NKANDU EM. Identifying additional selection criteria for physiotherapy students in Zambia. *The South African Journal of Physiotherapy* 2000; **56**(3): 8-11.

### Magister lopend/Master's current

1. MASASA TL. *Cultural beliefs towards disability: their influence on rehabilitation*. MSc Studieleiers: Mev M Faure en me SH Irwin-Carruthers.

## GEMEENSKAPSGESONDHEID / COMMUNITY HEALTH

### Tydskrifartikels/Journal articles

1. BARNES JM. Problems in monitoring overexposure among spray workers in fruit orchards chronically exposed to diluted organophosphate pesticides. *International Archives of Environmental and Occupational Health* 1999; **72**(11): M068-M074.
2. COTTON MF, WASSERMAN E, PIEPER CH, THERON DC, VAN TUBBERGH D, CAMPBELL G, FANG FC, BARNES JM. Invasive disease due to extended spectrum beta-lactamase-producing *Klebsiella pneumoniae* in a neonatal unit: the possible role of cockroaches. *Journal of Hospital Infection* 2000; **44**: 13-17.
3. DU PLESSIS JK, MULLER JB, POOLMAN M, VILJOEN K, BARNES JM, COTTON MF. The awareness of pregnant mothers attending the Elsies River Antenatal Clinic concerning various aspects of HIV infection. *South African Medical Journal* 2000; **90**(7): 693-696.
4. LOUW HMM, VAN SCHALKWYK HJS, BARNES JM, DHANSAY S, SCHAAR HS. Child abuse and neglect: social work experience at Tygerberg Hospital. *Social Work* 1999; **35**(4): 301-312.



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6. PATHER MK, DE VILLIERS PJT, BARNES M. Missed opportunities for anti-smoking education at community health centres in the Cape Metropolitan area. *SA Family Practice* 2000; **22**(6): 9-14.

### **Referate internasionaal/Papers international**

1. BARNES JM. *Ethics of clinical trials in Africa*. Invited paper at the III African League Against Rheumatism Conference, incorporating the XVI Biennial Congress of the South African Rheumatism and Arthritis Association and the IV South African Allied Health of the Century. Stellenbosch, 1999.
2. BARNES JM. *Support for emerging scientists in developing countries – Invited speech at the prizegiving ceremony*. 27th International Congress on Occupational and Environmental Health in the Chemical Industry (Medichem), "One step away from the Year 2000". Vienna, 1999.
3. BARNES JM. *A survey of the attributes of farmworkers spraying pesticides in a hot climate and the consequences thereof for protective clothing*. 27th International Congress on Occupational and Environmental Health in the Chemical Industry (Medichem), "One step away from the Year 2000". Vienna, 1999.
4. DE VILLIERS B. *Health professional's approach to occupational health needs*. Jaarlikse Mediese Kongres van Namibia. Windhoek, 2000.
5. DE VILLIERS B. *Needs Orientated Programme Management (NOProm) of Environmental aspects at and around Cape Town International Airport*. Internasionale Lughawe geraas Simposium. San Diego, VSA, 1999.
6. DE VILLIERS B. *Occupational health as resource for Industry*. Jaarlikse Mediese Kongres van Namibia. Windhoek, 2000.
7. MOORS E, DE VILLIERS AS, BARNES JM. *A survey of staff attitudes regarding HIV/AIDS related issues within four Mental Health Facilities in the Cape Town metropolitan area, Cape Town*. XIIIth International AIDS Conference. Durban, 2000.

### **Referate nasionaal/Papers national**

1. BARNES JM, DE VILLIERS AS. *Complex interaction between river pollution and a dense settlement along the Plankenbrug River*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
2. DE VILLIERS AS, BARNES JM. *Balance between development and environmental health in a rural community – case study*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
3. DE VILLIERS AS, BARNES JM. *Balance between development and environmental health in a rural community: case study*. ISEE and ESSA Conference on Poverty and Inequity: the challenges for Public Health in Southern Africa. East London, 2000.
4. DE VILLIERS B. *Social impact of disasters*. Disaster Management Association of Southern Africa (DMSA). Ritz Hotel, Cape Town, 1999.
5. KLOPPERS W, BARNES JM. *Implementation of a national strategy to manage water quality effects from densely populated settlements: Kayamandi model project*. WISA 2000 (Water Institute of South Africa). Sun City, 2000.

### **Doktoraal afgehandel/Doctoral completed**

1. DE VILLIERS PJT. *The development of the methodology of a passive health surveillance system through a sentinel network of general/family practitioners in South Africa*. PhD, 1999. 362 pp. Promotor: Prof B de Villiers.

### **Magister afgehandel/Master's completed**

1. PIEPER CH. *An epidemiological evaluation of the Clinical Risk Index for Babies (CRIB) at the Tygerberg Neonatal Intensive Care Unit*. MSc, 1997. 145 pp. Studieleier/medestudieleiers: Prof B de Villiers/mev JM Barnes.

**Doktoraal lopend/Doctoral current**

1. BARNES JM. *The impact of water pollution from formal and informal urban developments along the Plankenburg River on water quality and health risks.* PhD Promotor/medepromotor: Prof B de Villiers/prof L Liebowitz.
2. PIEPER CH. *The development and evaluation of an outcome predictive score for a Neonatal Intensive Care Unit in South Africa.* PhD Promotor/medepromotor: Prof PB Hesselning/prof B de Villiers.

**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. BELLAMY R, BEYERS N, McADAM KPWJ, RUWENDE C, GIE R, SAMAAI P, BESTER D, MEYER M, DORRAH T, COLLIN M, CAMIDGE DR, WILKINSON D, HOAL-VAN HELDEN E, WHITTLE HC, AMOS W, VAN HELDEN PD, HILL AVS. Genetic susceptibility of tuberculosis in Africans: a genome-wide scan. *Proceedings of the National Academy of Science (USA)* 2000; **97**: 8005-8009.
2. BISCHOFF A, HARA T, LIN CH, BEYERS AD, HUNIG T. Autonomous induction of T-cell proliferation and JNK activation by mobilized CD28. *European Journal of Immunology* 2000; **30**: 876-882.
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4. FENHALLS G, WONG A, BEZUIDENHOUT J, VAN HELDEN P, BARDIN P, LUKEY PT. *In situ* production of IL4 and TNF- $\alpha$  mRNA in human lung tuberculous granulomas. *Infection and Immunity* 2000; **68**: 2827-2836.
5. MOOLMAN-SMOOK JC, DE LANGE WJ, BRINK PA, CORFIELD VA. Hypertrophic cardiomyopathy – reaping tenets in South Africa. *Cardiovascular Journal of Southern Africa* 2000; **11**: 202-209.
6. MOOLMAN-SMOOK JC, DE LANGE WJ, CORFIELD VA, BRINK PA. Expression of HCM-causing mutations: lessons learnt from genotype:phenotype studies of the SA founder MYH7 A797T mutation. *Journal of Medical Genetics* 2000; **37**: 951-955.
7. NIEUHAUS DH, WEYERS J, DU TOIT P, VAN KRADENBURG J, KINNEAR CJ, MOOLMAN-SMOOK JC, SEEDAT S, CORFIELD VA, BRINK PA, EMSLEY RA, KNOWLES JA, STEIN DJ. Association between catechol-o-methyltransferase polymorphisms and obsessive-compulsive disorder in the Afrikaner population. *Journal of Affective Disorders* 2000; **65**: 61-65.

8. RAMLJAK D, CALVERT RJ, WIESENFELD PW, DIWAN BA, CATIPOVIC B, MARASAS WF, VICTOR TC, ANDERSON LM, GELDERBLOM WC. A potential mechanism for fumonisin B(1)-mediated hepatocarcinogenesis: cyclin D1 stabilization associated with activation of Akt and inhibition of GSK-3beta activity. *Carcinogenesis* 2000; **21**: 1537-1546.
9. SCHAAF H, VAN RIE A, GIE RP, BEYERS N, VICTOR TC, VAN HELDEN PD, DONALD PR. Transmission of multidrug resistant tuberculosis. *Pediatric Infectious Diseases Journal* 2000; **19**: 695-699.
10. VAN RIE A, WARREN R, BEYERS N, VAN HELDEN PD. Classification of drug resistant tuberculosis. *Lancet* 2000; **356**: 1933.
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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 PFHBII-causative gene*. PhD Promotor: Dr VA Corfield.
5. GEY VAN PITTIUS NC. *Serine proteases secreted by Mycobacterium tuberculosis*. PhD Promotor: Dr R Warren.
6. RICHARDSON M. *The characterization of M.tuberculosis strain families in a molecular epidemiology study of a community with a high incidence of tuberculosis*. Promotor/medepromotors: Dr RM Warren/Proff PD van Helden en N Beyers.
7. SAMPSON SL. *Mycobacterium tuberculosis: Genetic and phenotypic comparison*. PhD Promotor/medepromotor: Dr R Warren/prof PD van Helden.

### Magister lopend/Master's current

1. BOWERS DA. *Immune responses in TB patients of different ages after therapy*. MSc Studieleier: Prof PD van Helden.
2. HEMMINGS S. *An investigation of the role of candidate genes in the serotonergic and dopaminergic pathways in the pathophysiology of OCD in the Afrikaner population*. MSc Studieleier: Dr VA Corfield.
3. JANSEN Y. *The characterization, vector development and use of a novel mycobacterial plasmid replicon*. MSc Studieleier: Dr W Bourn.
4. MOSES LM. *Genotypic factors influencing Mycobacterium tuberculosis phenotype*. MSc Studieleiers: Drr RM Warren en G Fenhalls.
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

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16. LOCHNER A, MARAIS E, GENADE SJ, MOOLMAN J. *Rol van stikstofoksied in isgemiese precondisionering.* 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

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18. MARAIS E, GENADE S, BAILEY L, KEYSER AT, HUISAMEN B, MOOLMAN JA, LOCHNER A. *Inhibisie van P38 mitogeen geaktiveerde proteïen kinase (P38 MAPK) tydens miokardiale isgemie verbeter meganiese herstel tydens herperfusie*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
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### **Hoofstukke in boeke/Chapters in books**

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2. VERMEULEN M. *Characterization of a peak-flow meter whistle*. MSc cum laude, 2000. 151 pp. Studieleiers: Mnr JA Wessels en prof PW von Backström.

### **Doktoraal lopend/Doctoral current**

1. DU PLESSIS SS. *A study of the intracellular signalling events involved in the zona pellucida induced acrosome reaction in human spermatozoa*. PhD Promotors: Prof DR Franken en dr C Page.
2. ENGELBRECHT A-M. *'n Ondersoek na die intrasellulêre meganisme wat verantwoordelik is vir die beskermende rol van langketting omega-3 vetsure op die isgemiese miokardium*. PhD Promotors: Prof A Lochner en dr C Page.
3. HATTINGH S. *Isgemiese prekondisionering: 'n ondersoek na die bydrae (rol) van die streskinases en mitochondriale KATP kanale*. PhD Promotor: Prof A Lochner.
4. MARAIS E. *Die rol van sikliese nukleotiede, sikliese adenosien monofosfaat (cAMP) en sikliese guanien monofosfaat (cGMP) in prekondisionering van die isgemiese miokardium*. PhD Promotors: Proff A Lochner en JA Moolman.
5. STRIJDOM JG. *Die rol van stikstofoksied (NO) in die beskerming van die hart teen isgemie*. PhD Promotors: Proff A Lochner en 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 en JH Koeslag.
2. HARTLEY S. *Prekondisionering van die isgemiese hart: rol van fosfodiesterase*. MSc Studieleiers: Proff A Lochner en J Moolman.

3. HENDRICKS J. *Do metals contribute to the establishment of Alzheimer's disease?* MSc Studieleiers: Drr WMU Daniels en S van Rensburg.
4. LOUW R. *The role of tyrosine kinase and phosphatidylinositol-3-kinase in the protective effect of insulin on the ischaemic myocardium.* MSc Studieleiers: Prof A Lochner en dr B Huisamen.
5. OOSTHUIZEN ML. *The determination of expression of the growth factors IGFI and HGF and the corresponding receptors prior to duct cell proliferation, and the effects of a high fat diet on this expression.* MSc Studieleiers: Drr C Page en W Ferris.
6. PIETERSEN CY. *The role of CRF in anxiety disorders.* MSc Studieleiers: Drr WMU Daniels en DJ Stein.
7. TITUS C. *Effects of corticosteroids and growth factor signalling and cell proliferation in osteoblastic cell lines: role of protein tyrosine phosphatases.* MSc Studieleiers: Drr P Hulley en C Page.

## GENEESKUNDIGE MIKROBIOLOGIE / MEDICAL MICROBIOLOGY

### Tydskrifartikels/Journal articles

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2. COTTON MF, WASSERMAN E, PIEPER CH, THERON DC, VAN TUBBERGH D, CAMPBELL G, FANG FC, BARNES J. Invasive disease due to extended spectrum beta-lactamase-producing *Klebsiella pneumoniae* in a neonatal unit: the possible role of cockroaches. *Journal of Hospital Infection* 2000; **44**: 13-17.
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2. 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*. *Journal of Applied Microbiology* 1999; **87**: 726-734.

### Verrigtinge internasionaal/Proceedings international

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2. BOUIC P, LOUW J, CLARK A. *The anti-glucocorticoid effects of  $\beta$ -sitosterol (BSS) and  $\beta$ -sitosterol glucoside (BSSG) mixture on human lymphocytes in vitro.* Experimental Biology 2000. San Diego, California, USA, 2000; *The FASEB Journal* 2000; **Addendum**: 30-31.

### Referate internasionaal/Papers international

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2. BOUIC PJD. *Moducare™, the mixture of plant sterols/sterolins.* American Association of Naturopathic Physicians. Washington, USA, 2000.
3. BOUIC PJD. *Plant sterols/sterolins for the treatment of FIV, autoimmune diseases and other immune mediated conditions.* American Holistic Veterinary Medical Association 2000 Annual Conference. Virginia, USA, 2000.

4. BOUIC PJD. *Use of sterols and sterolins in the management of patients with infectious diseases*. Forum on Therapeutic Nutrition: 2000 Clinical Practice Update. New York, USA, 2000.
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7. WASSERMAN E. *Student orientated microbiology for 1st year medical students in the new curriculum*. Ottawa in Africa – 9th International Conference on Medical Education. Cape Town, 2000.
8. WASSERMAN E, FORDER S. *Interactive microbiology for first year medical students*. Ottawa in Africa – 9th International Conference on Medical Education. Cape Town, 2000.

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9. LIEBOWITZ L. *Antifungal susceptibility testing of yeasts*. Path 2000. The 40th Annual Congress of the Federation of South African Societies of Pathology. Warmbaths, 2000.
10. RUBY V, CLARK A, BRITTLE W, BOUIC P. *Buchu: the unknown medicinal wonder plant of the Cape*. SA Physiology Congress. Pretoria, 2000.

### Hoofstukke in boeke/Chapters in books

1. LAMPRECHT JH, FREESTONE M, BOUIC PJD. A comparison of the survival benefit provided by putative immune modulators in the FIV (Feline immunodeficiency virus infected) laboratory cat model. In: *XIII International AIDS Conference*. Monduzi Publishers, Italy, 2000: 21-24.

## 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

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2. EDGE JM, JANSE VAN RENSBURG E, MOSTERT E. Ethico-legal aspects of the protocol for needlestick injuries. *South African Medical Journal* 2000; **90**(12): 1182.
3. JANSE VAN RENSBURG E, VAN HEERDEN WFP, ROBSON BA, SWART TJP, ENGELBRECHT S. Epstein-Barr virus strain characterisation in South African patients with nasopharyngeal carcinomas. *Anticancer Research* 2000; **20**: 1953-1958.
4. JANSE VAN RENSBURG E. The origin of HIV. *South African Journal of Science* 2000; **96**: 267-269.
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6. RUBINSTEIN R, KARABUS CD, SMUTS H, KOLIA F, JANSE VAN RENSBURG EJ. Prevalence of human parvovirus B19 and TT virus in a group of young haemophiliacs in South Africa. *Haemophilia* 2000; **6**: 93-97.
7. VAN DER HOVEN AE, VAN RENSBURG EJ, ENGELBRECHT S, VAN HEERDEN WFP, SWART TJP. Prevalence of Epstein-Barr virus in nasopharyngeal carcinoma in a South African population sample. *South African Journal of Epidemiology and Infections* 2000; **15**(2): 36-39.
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2. GLASHOFF R, DONNINGER H, SYCE J, JANSE VAN RENSBURG E, BARDIN P. *Rhinovirus infection of Bronchial epithelial cells: Effect of ICAM-1 expression and chemokine production*. *South African Respiratory Journal – Special Congress Edition* 2000; **6**(2): 32.

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2. JANSE VAN RENSBURG E. *South African vaccine against HIV*. Guest speaker: 7th World IAMANEH Conference 2000. Stellenbosch, South Africa, 2000.
3. LANGAT D, VAN RENSBURG E, ENGELBRECHT S, MWENDA JM. Molecular characterization of simian immunodeficiency viruses (SIVS) from Eastern and Southern Africa. *Microbicides* 2000. Bethesda, USA, 2000.

4. ROBSON B, SMITH T-L, COTTON M, ENGELBRECHT S, ORTH H, SCHAAF S, DOBBELS E, LEIBRANDT B, JANSE VAN RENSBURG E. *Horizontal transmission of HIV-1 between 2 siblings*. XIII International AIDS Conference. Durban, South Africa, 2000.
5. SAUER G, BRAND T, BESTER R, BEGGS M, ARAI HX, JANSE VAN RENSBURG E. *Evaluation of the Abbott Determine HIV-1/2 Rapid assay using samples from the Western Cape region, South Africa*. XIII International AIDS Conference. Durban, South Africa, 2000.
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7. TREURNICHT F, SMITH T-L, CLAASSEN M, ZEIER M, ROBSON B, ENGELBRECHT S, JANSE VAN RENSBURG E. *Characterisation of and coreceptor usage by HIV-1 isolates from South Africa*. XIII International AIDS Conference. Durban, South Africa, 2000.

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5. HAYES V, THIART R, JANSE VAN RENSBURG E, KOTZE MJ. *Denaturing gradient gel electrophoresis: applications of this highly sensitive mutation detection system at Tygerberg*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
6. PETERSEN DC, PRETORIUS D, KOTZE MJ, JANSE VAN RENSBURG E, HAYES VM. *A comprehensive CCR5-denaturing gradient gel electrophoresis assay: novel mutations identified in HIV-infected South Africans*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
7. SAMPSON C, SMITH T-L, ROBSON B, ENGELBRECHT S, JANSE VAN RENSBURG E. *A comparative study of the diagnostic env RT-PCR and the nuclisens viral load assay for HIV-1 detection in plasma*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
8. SCHOLTZ CL, ZEIER M, ENGELBRECHT S, VAN RENSBURG EJ, KOTZE MJ. *Polymorphisms in the promoter region of the LDL receptor gene: a possible role in disease progression of HIV-infected patients*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
9. TREURNICHT FK, SMITH T-L, CLAASSEN M, ZEIER M, ROBSON B, ENGELBRECHT S, JANSE VAN RENSBURG E. *Characterisation of and coreceptor usage by HIV-1 isolates from South Africa*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
10. VAN RENSBURG EJ. *Recent research on HIV/AIDS*. Guest speaker: XXXIV IADR Scientific Congress. Bellville, 2000.

## Magister Iopend/Master's current

1. MASHU A. *Biodiversity of HIV-1/2 subtypes in Zimbabwe*. MSc Studieleier: Prof E Janse van Rensburg.
2. PETERSEN D. *The role of chemokine and chemokine receptor genes in genetic susceptibility to HIV-infection in South Africa*. MSc Studieleier/medestudieleier: Prof E Janse van Rensburg/dr V Hayes.
3. SAMPSON CC. *The transfection and expression of HIV-1 subtype C gag genes in mammalia cells*. MSc Studieleier/medestudieleier: Prof E Janse van Rensburg/dr S Engelbrecht.



## HEMATOLOGIESE PATOLOGIE / HAEMATOLOGICAL PATHOLOGY

### Tydskrifartikels/Journal articles

1. JACOBS P, WOOD L, MANSVELT EPG, GARTRELL K. 2'-Chlorodeoxyadenosine effectively induces complete remission in hairy cell leukaemia. *Hematology* 2000; **4**: 403-414.
2. SCHNEIDER DJ, STEYN PS, MANSVELT EPG. Factor V Leiden mutation and the risk for thrombo-embolic disease in pregnancy: a case report. *European Journal of Obstetrics and Gynecology and Reproductive Biology* 2000; **91**: 197-198.
3. VAN VELDEN DP, MANSVELT EPG. Die rol van matige wynverbruik tydens maaltye in die voorkoming van hartsiektes. *SA Family Practice* 2000; **22**(6): 5-8.

### Verrigtinge internasionaal/Proceedings international

1. MANSVELT EPG, VAN VELDEN DP, FOURIE E. *An investigation into the in vivo effect of regular wine consumption on the aggregability of blood platelets*. 25th World Congress of Vineyards and Wine. Paris, France, 2000; *Section IV: Wine and Health* 2000: 43-49.

### Referate internasionaal/Papers international

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1. OBERHOLSTER E, MOORE C, LOUW I, MANSVELT EPG, WILLIAMS K. *The value of bilateral tephine biopsies in patients with a monoclonal protein but <10% plasma cells in the bone marrow aspirate. A computerized image analysis approach*. 40th Annual Congress of the Federation of the South African Societies of Pathology. Warmbad, 2000.

## HUISARTSKUNDE EN PRIMÊRE SORG / FAMILY MEDICINE AND PRIMARY CARE

### Tydskrifartikels/Journal articles

1. DE VILLIERS MR. The availability, utilisation and needs for continuing professional development of rural general practitioners in the Western and Northern Cape. *SA Family Practice* 2000; **22**(2): 11-16.
2. DE VILLIERS MR. Human rights and the SA Academy of Family Practice / Primary Care. *SA Family Practice* 2000; **22**(2): 38.
3. DE VILLIERS MR. Learning in primary care – a report. *Continuing Medical Education* 2000; **34**(11): 936-938.
4. DE VILLIERS MR, LOCHNER A. Drug therapy for stable angina pectoris: guidelines for the primary care physician. *Continuing Medical Education* 2000; **18**(3): 200-206.
5. DE VILLIERS PJT. Family practice: special category, speciality or simply special people (Editorial)? *SA Family Practice* 2000; **22**(2): 2.
6. DE VILLIERS PJT. Poverty and health (Editorial). *SA Family Practice* 2000; **22**(1): 2-3.
7. DE VILLIERS PJT. Prevention in family practice – preferred method or postponed effort (Editorial)? *SA Family Practice* 2000; **22**(6): 2.
8. DE VILLIERS PJT. Protecting the public, the HPCSA or the profession (Editorial)? *SA Family Practice* 2000; **22**(5): 2.

9. DE VILLIERS PJT. Report on: 6th European Conference on General Practice and Family Medicine, Hoffburg Centre, Vienna. *SA Family Practice* 2000; **22**(7): 31-32.
10. DE VILLIERS PJT. Vocational Training – Revisited (Editorial). *SA Family Practice* 2000; **22**(3): 2.
11. FUCHS J, DE KLERK H, DE VILLIERS PJT. An experience with misoprostol for the introduction of first trimester abortions in a secondary hospital in South Africa. *SA Family Practice* 2000; **22**(7): 8-12.
12. MASH B, MAHOMED H. Participatory development of a minimum dataset for the Khayelitsha district. *SA Medical Journal* 2000; **90**(10): 1024-1030.
13. MASH RJ. Are you thinking too much? Recognition of mental disorders in South African general practice. *SA Family Practice* 2000; **22**(2): 22-27.
14. MASH RJ, COETZEE N, PATEL S, HEYWOOD A. The tuberculosis register – an evaluation of its use and impact under epidemic conditions in the Western Cape Province of South Africa. *SA Family Practice* 2000; **22**(4): 9-14.
15. MOODLEY K. Family practice ethics. Postmodern ethics for a postmodern discipline? *SA Family Practice* 2000; **22**(2): 5-9.
16. MOODLEY K. Multiple sclerosis: are we missing the diagnosis in South Africa (Letter)? *SA Family Practice* 2000; **22**(3): 32.
17. MOODLEY K. Physician-assisted suicide – an oxymoron (Letter)? *SA Medical Journal* 2000; **90**(7): 657.
18. PATHER MK, DE VILLIERS PJT, BARNES JM. Missed opportunities for anti-smoking education at Community Health Centres in the Cape Metropolitan Area. *SA Family Practice* 2000; **22**(6): 9-14.
19. VAN DER VYVER J, DE VILLIERS PJT. The migration of South African graduates to Canada: a survey of medical practitioners in Saskatchewan. *SA Family Practice* 2000; **22**(1): 17-22.
20. VAN VELDEN DP. Report on the 8th Biennial Congress of the South African Sports Medicine Association. *SA Family Practice* 2000; **22**(5): 34-36.
21. VAN VELDEN DP. Salicylic acid in wine as a therapeutic agent in cardiovascular disease. *SA Family Practice* 2000; **22**(6): 15-18.
22. VAN VELDEN DP, MANSVELT EPG. Die rol van matige wynverbruik tydens maaltye in die voorkoming van hartsiektes. *SA Family Practice* 2000; **22**(6): 5-8.

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1. DE VILLIERS MR. *Monitoring human rights in the health sector : violations and service provision*. Health and Human Rights: Implementation 2000. Durban, South Africa, 2000.
2. MASH B, BHEEKIE A, JONES PW. *A systematic review of therapeutic equivalence: Inhaled versus oral steroids for adults with chronic asthma*. 8th International Cochrane Colloquium. Cape Town, South Africa, 2000.
3. MASH B, DE VILLIERS MR. *The value of community-based training in family medicine for medical students in Cape Town, South Africa*. 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.

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1. BRUWER K. *Die gebruik van Dettol as 'n urine siftingstoets vir swangerskap*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
2. DE VILLIERS MR, BLITZ J. *Continuing professional development for rural practitioners*. 4th RUDASA Congress. Queenstown, 2000.
3. DE VILLIERS MR, DE VRIES E. *Poverty and health*. 4th RUDASA Congress. Queenstown, 2000.
4. GAUTUM S. *Childhood sexual abuse*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

5. LOOTS A. *A survey of prescription patterns and plypharmacy at a primary care SANDF sickbay in the Eastern Cape*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.

### **Magister afgehandel/Master's completed**

1. BEKKER D. *What is the prevalence of alcohol abuse and/or dependence in patients attending my practice?* MFamMed cum laude, 2000. 17 pp. Studieleier: Dr D van Velden.
2. BESTER N. *Does the involvement of a multidisciplinary team shorten the stay of patients in Conradie Hospital Rehabilitation Unit.* MFamMed, 2000. 27 pp. Studieleier: Dr B Mash.
3. DE VOS W. *Die voorkoms van moontlike oorsaaklike faktore vir snitbreuk by pasiënte in Karl Bremer Hospitaal.* MFamMed, 2000. 15 pp. Studieleier: Dr A Marais.
4. DEKKER G. *'n Evaluering van algemene praktisyns in die Wes-Kaap se kennis van kutane maligne melanoom.* MFamMed, 2000. 31 pp. Studieleier: Prof HF Jordaan.
5. JOHNSON FA. *The very high incidence of HIV positive patients in the Fort Beaufort district.* MFamMed, 2000. 62 pp. Studieleier: Dr M Pather.
6. KAPP R. *The clinical nurse practitioner : is she the solution to the problem of patient overload at the CHC's.* MFamMed cum laude, 2000. 34 pp. Studieleier: Dr B Mash.
7. OLUBODUN B. *Rational prescribing of antibiotics in children with acute Otitis Media.* MFamMed, 2000. 17 pp. Studieleier: Dr M Pather.
8. VAN DEN BERG LP. *The continuing medical education habits of General Practitioners in 7 towns i.e. – Worcester, Paarl, Stellenbosch, Ceres, Robertson, Villiersdorp and Hermanus.* MFamMed, 2000. 22 pp. Dr M de Villiers.
9. VAN DER MERWE M. *What is the clinical pattern, most common complications and causes of death of Falriparum Malaria. A description of a Malaria epidemic experienced at Shongwe Hospital in the Eastern Transvaal during the time period January to June 1993.* MFamMed, 2000. 28 pp. Studieleier: Dr M Pather.
10. VENTER JC. *How to refine the process of collecting a urine sample from a female patient in the clinical setting.* MFamMed, 2000. 32 pp. Studieleier: Dr A Klop.
11. WEIDNER S. *Prescribing cost-effective antibiotics for the treatment of urinary tract infections in women.* MFamMed, 2000. 12 pp. Studieleier: Dr A Klop.

### **Doktoraal lopend/Doctoral current**

1. MASH R. *Mental disorders in primary care.* PhD Promotor: Prof PJT de Villiers.

### **Magister lopend/Master's current**

1. ABEL N. *Het die primêre gesondheidsorg pasiente in Hermanus met hipertensie voldoende beheer oor hulle behandeling?* MFamMed Studieleier: Dr G Watermeyer.
2. BRITZ D. *The effectiveness of an anti-smoking intervention programme in a primary health care practice.* MFamMed Studieleier: Dr M Pather.
3. BURGER H. *The effectiveness of TB treatment in the Namaqualand District.* MFamMed Studieleier: Dr P van der Merwe.
4. CHANGWA C. *The evaluation of risk factors for ischemic heart disease in community health centres in the Cape Town Metropole.* MFamMed Studieleier: Dr M Pather.
5. COETZÉ JP. *Kan die doopstokkie (Boehringer Leuco) gebruik word as 'n siftingstoets in kinders met vermoedelike meningitis.* MFamMed Studieleier: Dr A Klop.
6. CONRADIE H. *Die gebruik van alternatiewe geneeskunde deur pasiënte in die algemene praktyk in die Wellington area.* MFamMed Studieleier: Dr DP van Velden.
7. DE WET C. *The evaluation of antibiotic resistance of micro organisms cultured for microscopy and sensitivity at Eben Donges Hospital.* MFamMed Studieleier: Dr P van der Merwe.
8. 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.
9. ESTERHUIZEN Z. *The evaluation of advantages of goats milk in children in a Worcester squatter camp.* MFamMed Studieleier: Dr P van der Merwe.

10. GEYSER E. *The evaluation of trauma patients presenting at Hottentots Holland Hospital.* MFamMed Studieleier: Dr M de Klerk.
11. GOEDHALS C A. *What criteria are currently being used by GPs and oncologists to refer patients to the West Coast Hospital?* MFamMed Studieleier: Dr B Mash.
12. GROBBELAAR N. *Evaluation of services provided at a comprehensive primary health care clinic.* MFamMed Studieleier: Dr M de Villiers.
13. HAGEMANN J. *Sal 'n asmavoorligtingsprogram soos aangebied deur 'n verpleegkundige "asma spesialis" in 'n buite-pasiënte afdeling van 'n distrik (sekondêre) hospitaal van waarde wees in terme van koste effektiwiteit en akute opnames.* MFamMed Studieleier: Prof P Bardin.
14. ISAACS A. *The psychological aspects of an unsuccessful resuscitation.* MFamMed Studieleier: Dr B Mash.
15. ISAACS T. *What is the prevalence and extent of domestic violence amongst my patients? (female clothing textile workers in the Western Cape).* MFamMed Studieleier: Prof P de Villiers.
16. JOSIAS J. *The evaluation of breast lumps in patients presenting at community health centres in the Cape Metropole.* MFamMed Studieleier: Dr M Pather.
17. KHARWA A. *The management of cancer patients, post diagnosis, at primary care level.* MFamMed Studieleier: Dr L Gwyther.
18. LE ROUX G. *Die eetgewoontes en tydsverdryf van kinders in die middel- en hoër inkomstegroep, het oor die afgelope dekade verander – lei dit tot 'n verhoogde insidensie van obesiteit en gedragspatroon veranderinge?* MFamMed Studieleier: Dr R Blaauw.
19. LOGHDEY R. *A comparison of chilled cabbage leaves and chilled lettuce leaves in reducing breast engorgement.* MFamMed Studieleier: Dr K Moodley.
20. MACKENZIE M A. *How do our norms for requesting lumbo-sacral radiographs compare with guidelines reached by consensus groups/studies? What are the complications of any variance?* MFamMed Studieleier: Dr B Mash.
21. MADIKIZA F. *The level of HIV/Aids awareness in a general practice of a Black African community.* MFamMed Studieleier: Dr K Moodley.
22. MUGERGWA A. *Teenage pregnancy and predisposing factors in the rural community of Peddie and what intervention programmes are most likely to alleviate the problem.* MFamMed Studieleier: Prof G Theron.
23. NICOLAAI N. *Incidence of abnormal cervical smears in sexually active female students at UWC.* MFamMed Studieleier: Dr M Pather.
24. NIZAMI T. *Poor compliance regarding use of inhaled steroids among adult asthmatics at a primary health care level.* MFamMed Studieleier: Dr R Martell.
25. PRETORIUS LW. *What is the spectrum of activity at my surgery? "Activity" will be defined as both diagnostic and therapeutic interventions.* MFamMed Studieleier: Prof P de Villiers.
26. SCHOEMAN S. *The presentation and management of patients with HIV positivity at Karl Bremer Hospital.* MFamMed Studieleier: Dr K Moodley.
27. SETZER B. *What are the factors affecting teenage pregnancy in Ravensmead/Elsies River?* MFamMed Studieleier: Dr P Steyn.
28. SLINGERS N. *Will attendance at a dedicated hypertension clinic, which aims to empower the patient by means of education and active participation with staff members, improve the blood pressure control in patients with hypertension in a primary health care setting?* MFamMed Studieleier: Dr R Martell.
29. SMIT T. *To do a research project on the epidemiology of the practice that I am working at.* MFamMed Studieleier: Prof PJT de Villiers.
30. SMITH D. *Om te bepaal of die modulêre M.Fam.Med. kursus van die Universiteit van Stellenbosch voldoen aan die verwagtinge van die student.* MFamMed Studieleier: Dr M de Villiers.
31. STANDER AM. *Die finansiële implikasies van 'n algemene mediese praktyk op die platteland in die huidige ekonomiese omstandighede (praktyk is dispenserend).* MFamMed Studieleiers: Prof WD van der Walt en dr M de Klerk.

32. STEYN F. *Evaluation of the full-time MFamMed course*. MFamMed Studieleier: Dr M de Villiers.
33. VAN DER WESTHUIZEN C. *Hoe word 'n tuisblad ontwerp en vertoon in die huberruimte (cyber space)?* MFamMed Studieleier: Dr P Duminy.
34. VAN NIEKERK P. *Morbiditeitsprofiel van praktyk*. MFamMed Studieleier: Prof PJT de Villiers.
35. VAN ROOYEN S. *Is my pasiënte se kennis oor cholesterolverlagende dieet voldoende? – verskil in kennis tussen normale cholesterol pasiënte; verhoogde cholesterol pasiënte sonder medikasie; verhoogde cholesterol pasiënte op medikasie. Faktore wat rol speel in kennis*. MFamMed Studieleier: Dr F Maritz.
36. VILJOEN W. *What is the chance of contracting an STD (especially HIV) after being raped? How effective is post rape birth control and what is the incidence of termination of pregnancy after rape? What is the incidence of alcohol usage in rape victims?* MFamMed Studieleier: Dr F Frantz.

## INTERNE GENEESKUNDE / INTERNAL MEDICINE

### Tydskrifartikels/Journal articles

1. BARDIN PG. Asthma: changing morbidity and mortality. *Current Allergy and Clinical Immunology* 2000; **13**(4): 20-22.
2. BARDIN PG, FRAENKEL DJ, SANDERSON G, VAN SCHALKWYK EM, HOLGATE ST, JOHNSTON SL. Peak expiratory flow changes during experimental rhinovirus infection. *European Respiratory Journal* 2000; **16**(5): 980-985.
3. BOLLIGER CT. Broncholithiasis. *European Respiratory Topic* 2000; **6**: 7.
4. BOLLIGER CT. Practical experiences in smoking reduction and cessation. *Addiction* 2000; **95**: S19-S24.

5. BOLLIGER CT, ZELLWEGER J-P, DANIELSSON T, VAN BILJON X, ROBIDOU A, WESTIN A, PERRUCHOUD AP, SÄWE U. Smoking reduction with oral nicotine inhalers: double blind, randomised clinical trial of efficacy and safety. *British Medical Journal* 2000; **321**: 329-333.
6. BOULAY JL, PERRUCHOUD AP, REUTER J, BOLLIGER C, HERRMANN R, ROCHLITZ C. P21 gene expression as an indicator for the activity of adeovirus-p53 gene therapy in non-small cell lung cancer patients. *Cancer Gene Therapy* 2000; **7**: 1215-1219.
7. BOUWENS CSH. Delirium in the elderly. Delirium may result from multiple causes, many of which may be present simultaneously. *Continuing Medical Education* 2000; **18**(10): 844.
8. BRINK PA. Genetic counselling in cardiovascular disease. *Continuing Medical Education* 2000; **18**: 222-230.
9. BRUTSCHE M, SPILIOPOULOS A, BOLLIGER CT, LICKER M, FREY JG, TSCHOPP JM. Exercise capacity and extent of resection as predictors of surgical risk in lung cancer. *European Respiratory Journal* 2000; **15**: 828-832.
10. BUTLER J, CARR J. Is this a vascular event? *Continuing Medical Education* 2000; **18**(1): 13-18.
11. BUTLER J, CARR J. Neurologists and shoulder pain. *South African Medical Journal* 2000; **90**(10): 954.
12. DE VILLIERS MR, LOCHNER A. Drug therapy for stable angina pectoris: Guidelines for the primary care physician. *Continuing Medical Education* 2000; **18**(3): 200-207.
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15. ELSASSER S, SOLÈR M, BOLLIGER CT, JÄGER K, STEIGER U, PERRUCHOUD AP. Takayasu disease with predominant pulmonary artery involvement. *Respiration* 2000; **67**: 213-215.
16. FENHALLS G, WONG A, BEZUIDENHOUT J, VAN HELDEN P, BARDIN P, LUKEY PT. In situ production of gamma interferon, interleukin-4, and tumor necrosis factor alpha mRNA in human lung tuberculous granulomas. *Infection and Immunity* 2000; **68**(5): 2827-2836.
17. HERSELMAN M, MOOSA MR, KOTZE TJ, KRITZINGER M, WUISTER S, MOSTERT D. Protein-energy malnutrition as a factor for increased morbidity in long-term hemodialysis patients. *Journal of Renal Nutrition* 2000; **10**(1): 7-15.
18. HOUGH FS. National Guidelines for the diagnosis and management of osteoporosis. *South African Medical Journal* 2000; **90**: 907-944.
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20. KOEGELEBERG CFN, LIEBENBERG GC, VAN DYK TJR, GAISBICHLER W, BOLLIGER CT. A non-resolving pneumothorax? *Respiration* 2000; **67**: 586-589.
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25. MARITZ FJ. The importance of high density lipoprotein cholesterol in the management of cardiovascular risk. *South African Medical Journal* 2000; **90**(2): 232-233.
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27. NAIDOO DP, SARELI P, MARIN F, MARTINEZ G, AROCA-MARTINEZ G, MARITZ FJ, JARDIM PCBV, GUERRERO AA, THOMPSON CA, BERO T, DRAZKA T, KOSMALOVA V, DUMORTIER T, SMITH RD. Increased efficacy and tolerability with lasartan plus hydrochlorothiazide with uncontrolled hypertension and therapy related symptoms receiving two monotherapies. *Advanced Therapy* 1999; **16**: 187-198.
28. OPENSHAW PJM, WALZL G. Infections prevent the development of asthma – true, false or both? *Journal of the Royal College of Physicians* 1999; **92**(10): 495-499.
29. PAPAPOPOULOS NG, BATES PJ, BARDIN PG, PAPI A, LEIR SH, FRAENKEL DJ, MEYER J, LACKIE PM, SANDERSON G, HOLGATE ST, JOHNSTON SL. Rhinoviruses infect the lower airways. *Journal of Infectious Diseases* 2000; **181**: 1875-1884.
30. PONT K, PRETORIUS M, DOUBELL AF, REUTER H. Valvular heart disease associated with systemic lupus erythematosus – the Tygerberg Hospital experience. *Cardiovascular Journal of South Africa* 2000; **11**: 138-143.
31. PRETORIUS M. Cardiac disease: an update. Myocardial contrast echocardiography: a bright future. *Continuing Medical Education* 2000; **18**(3): 236-237.
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36. SPANGENBERG JJ, MÖLLER AT, HUGO FJ, HALLAND AM, WHITELAW DA. The nature and prevalence of neuropsychological impairment in patients with systemic lupus erythematosus. *Studia Psychologica* 2000; **1-2**: 123-134.
37. TSCHOPP JM, BOLLIGER CT, BOUTIN C. Treatment of spontaneous pneumothorax: why not simple talc pleurodesis by medical thoracoscopy? *Respiration* 2000; **67**: 108-111.
38. VAN ZYL JH, GRUNDLING H DE K, VAN RENSBURG CJ, RETIEF FJ, O'KEEFE SJ, THERON I, FISCHER R, BETHKE T. Efficacy and tolerability of 20mg pantoprazole versus 300mg ranitidine in patients with mild reflux-oesophagitis: a randomized, double-blind, parallel and multicentre study. *European Journal of Gastroenterology and Hepatology* 2000; **12**(2): 197-202.
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### Verrigtinge internasionaal/Proceedings international

1. BOLLIGER CT, GÜCKEL C, ENGEL H, STÖHR S, WYSER C, HABICHT J, JORDAN P, TAMM M, SOLÈR M, PERRUCHOUD AP. Predicted postoperative function (PPO-F) after lung resection: Comparison of quantitative CT, scintigraphy, and anatomical calculations. *American Journal of Respiration and Critical Care Medicine* 2000; **161**: A269.

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3. FERNANDEZ P, MOOLMAN-SMOOK JC, BRINK P, CORFIELD V. *A cardiac conduction disorder complicated by DCM (PFHBII) maps to a novel disease-causing locus on chromosome 1q32.1-q41*. *European Heart Journal* 2000; **21**(supplement P2963): 554.
4. KOTZE MJ, DE VILLIERS JNP, CARR J, SCHMIDT S, WARNICH L, HILLERMAN R. *Lack of clinical expression of mutation C282Y implicated in haemochromatosis and porphyria in two sisters diagnosed with multiple sclerosis*. *European Journal of Human Genetics* 2000; **7**(supplement): 59.
5. KRUGER FC, RULE VA, DE LANGE WJ, CORFIELD VA, MOOLMAN-SMOOK JC, BRINK PA. *The use of WT dispersion as a clinical risk factor for sudden cardiac death in hypertrophic cardiomyopathy*. *European Heart Journal* 2000; **21**(supplement 1379): 256.
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7. REICHENBERGER F, KLEIBER B, SOLÈR M, BOLLIGER CT, PERRUCHOUD AP, DALQUEN P, SCHAUER J, TAMM M. *The T4/T8 ratio in sarcoidosis is influenced by the bronchoalveolar lavage quality*. *American Journal of Respiration and Critical Care Medicine* 2000; **161**: A265.
8. TSCHOPP JM, ASTOUL P, GRANDIN S, BOLLIGER CT, DELAUNOIS L, JANSSEN JP, DRIESEN P, TASSI GF, PERRUCHOUD AP, FREY JG, BOUTIN C. *Primary spontaneous pneumothorax: Cost-effectiveness, safety and pain control of treatment by thoracoscopic talcage versus chest tube drainage: a European randomized study*. *Schweiz Med Wochenschr* 2000; **130**(supplement 118): 26S.
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10. VAN RENSBURG CJ. *Regional considerations in the prevention of NSAID-induced ulcers – in South Africa*. *Drugs & Therapy Perspectives* 2000; **16**(12): 8.

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3. CORFIELD VA, BRINK PA. *Sudden unexpected death: a South African website*. *Cardiovascular Journal of South Africa* 2000; **11**(5): 296.



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6. LOMBARD L, WALZL G, VAN SCHALKWYK E, STEYN D, JONES E, HYDENRICH N, BARDIN PG. *Absence of an association between atopy and recently treated adult pulmonary tuberculosis*. *Current Allergy and Clinical Immunology* 2000; **13**(4): 37.
7. LOUW VJ, REUTER H, SMEDEMA JP, KATJITAE I, BURGESS LJ, DOUBELL AF. *Clinical experience with echocardiographically guided pericardiocentesis and extended drainage in a population with a high prevalence of HIV infection*. *Cardiovascular Journal of South Africa* 2000; **11**(5): 292.

### Referate internasionaal/Papers international

1. BOLLIGER CT. *Case presentation: Klinische Visite Problemfälle*. DGP-Kongress. Hamburg, Germany, 2000.
2. BOLLIGER CT. *Controversies in clinical exercise testing: Pro: CPET is necessary in the preoperative evaluation of high-risk patients for lung resectional surgery*. American Thoracic Society Congress. Toronto, Canada, 2000.
3. BOLLIGER CT. *Functional assessment before and after therapeutic endoscopy*. 9th International course of interventional pulmonology. Barcelona, Spain, 2000.
4. BOLLIGER CT. *Functional reserves before lung resection: are there still limits?* Symposium Pneumologie. University of Basel, Switzerland, 2000.
5. BOLLIGER CT. *Meet the Professor Seminar: new advances in brachytherapy*. ATS Congress. Toronto, Canada, 2000.
6. BOLLIGER CT. *Raucherentwöhnung: aerztliche Pflicht oder Zeitverschwendung?* Symposium Pneumologie. University of Freiburg iBr, Germany, 2000.
7. BOLLIGER CT. *Südafrika: aerztliche Grundversorgung ohne Spitzenmedizin?* Kiwanis Club. Basel, Switzerland, 2000.
8. BOLLIGER CT. *Tabakentwöhnungsmethoden 2000*. PG-Course, DGP-Kongress. Hamburg, Germany, 2000.
9. BOUWENS CSH. *Correlation of the mutations C282Y and H63D in Hereditary Haemochromatosis with the clinical picture in elderly of "Afrikaner" origin*. 4<sup>o</sup> training session. EAMA III. Sion, Valais-Switzerland, 2000.
10. BOUWENS CSH. *The use of drugs in the elderly and treatment of cardiovascular disease: "Angina Pectoris" 3<sup>o</sup> training session*. EAMA III. Sion, Valais-Switzerland, 2000.
11. HULLEY P, CONRADIE M, ENGELBRECHT Y, TITUS C, HOUGH FS. *Vanadate protects osteoblasts from glucocorticoid-induced apoptosis and growth inhibition in vitro and in vivo*. 2nd International Conference on Signal Transduction. Dubrovnik, Croatia, 2000.
12. JESSOP S, WHITELAW D, JORDAAN F. *Drug treatments for discoid lupus erythematosus*. 8th International Cochrane Colloquium. Cape Town, South Africa, 2000.
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14. ZELLWEGER JP, DANIELSSON T, ROBIDOU A, VAN BILJON X, BOLLIGER CT. *Long-term smoking reduction with an oral nicotine inhaler: impact on quit rate, cardiovascular risk factors, and quality of life.* 11th World Conference on Tobacco or Health. Chicago, 2000.

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1. BOLLIGER CT. *A 21-year old man with pulmonary infiltrates. Case presentation.* Continuing Medical Education Pulmonology Congress. Durban, 2000.
2. BOLLIGER CT. *A 72-year old man with dyspnoea. Case presentation.* Continuing Medical Education Pulmonology Congress. Durban, 2000.
3. BOLLIGER CT. *Interventional bronchoscopy.* Combined Pulmonology-ENT Meeting. Tygerberg Hospital, 2000.
4. BOLLIGER CT. *Interventional bronchoscopy.* Oncology-Pulmonology Meeting. CPD Programme, Panorama Medi-Clinic. Cape Town, 2000.
5. BOLLIGER CT. *Interventional bronchoscopy.* State-of-the-art lecture. XVIth SA Thoracic Society Congress, Durban, July 2000.
6. BOLLIGER CT. *Smoking cessation.* GP CPD programme. Johannesburg, 2000.
7. BOLLIGER CT. *Smoking cessation.* TV Distance Education for South Africa. Stellenbosch, 2000.
8. BOLLIGER CT. *The tobacco epidemic and practical smoking cessation.* GP CPD Programme. Port Elizabeth, 2000.
9. BRICE EAW. *Beta-blocker therapy in the coronary care unit.* 1ste Kongres van die Suid-Afrikaanse Hartvereniging. Stellenbosch, 2000.
10. BUTLER J. *Temporal lobectomy for lipid proteinosis.* South African Epilepsy Congress. Cape Town, 2000.
11. BUTLER J, MELVILL R, EASTMAN R, PETER J, FIEGGEN G. *Epilepsy surgery: a clinical audit.* South African Neurology Congress. Drakensberg, 2000.
12. ENGELBRECHT Y, TITUS C, HOUGH SF, HULLEY P. *Glucocorticoids upregulate protein tyrosine phosphatase shp-1 and ptp-1b and inhibit cell proliferation in mba-15.4 pre-osteoblasts by a transcriptional mechanism.* 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
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14. FREEMAN V, MAKUBALO Z, MOOSA MR, CORFIELD V, BRINK P. *Genetic diagnosis of autosomal dominant polycystic kidney disease in South African families.* Nephrology 2000 Congress, South African Renal Society. Somerset West, 2000.
15. GOPAL R, MARITZ FJ, CONRADIE MM, HULLEY P, HOUGH FS. *The effects of atorvastatin on bone mineral density and histomorphometric parameters of bone in rodents.* 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
16. HAUG P, BUTLER JT. *Syphilitic third nerve palsy mimicking Tolosa-Hunt Syndrome.* South African Neurology Congress. Drakensberg, 2000.
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23. KOTZE D, HOUGH FS, HULLEY P. *Apoptosis in glucocorticoid-treated immature osteoblasts (MBA-15.4)*. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
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### Hoofstukke in boeke/Chapters in books

1. BOLLIGER CT. Multi-modality treatment of advanced pulmonary malignancies. In: Bolliger CT, Mathur PN, Karger AG, (eds). *Interventional Bronchoscopy. Prog Respir Res.* Basel, 2000; **30**: 187-196.
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### Doktoraal afgehandel/Doctoral completed

1. BURGESS LJ. *Determination of the pathogenetic mechanisms for and the diagnostic implications of raised Adenosine Deaminase level in tuberculous exudates.* PhD Promotor: Prof AF Doubell.

### Magister afgehandel/Master's completed

1. BOUWENS CSH. *Hereditary haemochromatosis in the elderly.* MSc Promotors: Prof MG Kotze en dr FJ Maritz.
2. KATJITAE I. *The diagnostic significance of the 12 lead electrocardiogram in 88 HIV (+) and (-) patients with tuberculous pericarditis.* MMed Promotors: Prof AF Doubell en dr H Reuter.
3. KOEGELENBERG CFN. *Infective endocarditis: a South African prospective.* MMed Promotors: Prof AF Doubell en dr H Reuter.
4. LOUW VJ. *Clinical experience with echocardiographically guided pericardio-centesis and extended drainage in a population with a high prevalence of HIV infection.* MMed Promotors: Prof AF Doubell en dr H Reuter.

**Doktoraal Iopend/Doctoral current**

1. CARR JR. *Physiological and genetic characteristics of a novel form of progressive myoclonic epilepsy*. MD Promotor: Prof PA 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. REUTER H. *The immunopathogenesis and treatment of tuberculous pericardial effusions in a population with a high prevalence of infection with the human immunodeficiency virus*. MD Promotor: Prof AF Doubell.

**Magister Iopend/Master's current**

1. CONRADIE R. *Alterations of bone and mineral metabolism in subjects with eating disorders*. MSc Studieleier: Prof FS Hough.
2. HATTINGH JT. *Flow cytometric detection of circulating activated platelets in three subsets of patients with SLE: an observational study*. MMed Studieleier: Dr DA Whitelaw.
3. PIEK C. *The epidemiology of SLE in the Western Cape*. MMed Studieleier: Dr H Reuter.
4. TALJAARD JJ. *Prostetiese klep trombose by Tygerberg Hospitaal 1990-2000*. MMed Studieleier: Prof AF Doubell.
5. TITUS C. *Mechanisms of osteoblast differentiation*. MSc Studieleier: Prof FS Hough.
6. VAN DYK C. *Is daar 'n verskil in TNF-alfa in Il-6 serumvlakke in hartversaking van nie-infektiewe en infektiewe etiologie?* MMed Studieleiers: Prof JA Moolman en dr H Reuter.

**KARDIOTORAKALE CHIRURGIE /  
CARDIOTHORACIC SURGERY**
**Referate internasionaal/Papers international**

1. ROSSOUW GJ. *Surgery in pregnancy*. Cardio 2000 Internasionale Kongres. Stellenbosch, 2000.

**Doktoraal Iopend/Doctoral current**

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

**KERNGENEESKUNDE / NUCLEAR MEDICINE**
**Tydskrifartikels/Journal articles**

1. ELLMANN A. Advances in cardiac imaging: nuclear cardiology – detecting viable myocardium. *Continuing Medical Education* 2000; **18**: 240-241.
2. HUGO F, STEIN DJ, ZUNGU-DIRWAYI, VAN HEERDEN B. Reply to Dr Terao. *The Journal of Neuropsychiatry and Clinical Neurosciences* 2000; **12**: 519.
3. STEIN DJ, HUGO F, OOSTHUIZEN P, HAWKRIDGE S, VAN HEERDEN B. Neuropsychiatry of hypersexuality: three cases and a discussion. *CNS Spectrums* 2000; **5**(1): 36-48.
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with the selective serotonin reuptake inhibitor citalopram. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2000; **24**: 419-438.

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### Referate internasionaal/Papers international

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2. VAN HEERDEN BB. *Functional brain perfusion scintigraphy: an overview*. Invited paper. First Egyptian International Nuclear Medicine Congress. Hurghada, Egypt, 2000.
3. VAN HEERDEN BB. *Nuclear medicine in sports injuries*. Invited paper. First Egyptian International Nuclear Medicine Congress. Hurghada, Egypt, 2000.

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1. BESTER MJ, RUBOW SM, KLOPPER JF. *Imaging of infection and inflammation: the Tygerberg experience*. Invited paper. Workshop on Radioisotope imaging of infection and inflammation. Bloemfontein, 2000.
2. ELLMANN A. *Gamma probe guided surgery*. Invited lecture. 15th National Congress of the Society of Radiographers of South Africa. Cape Town, 2000.
3. ELLMANN A. *Gamma probe guided surgery*. Invited lecture. Seminar on Breast Carcinoma, organised by Department of Radiology, University of Stellenbosch. Stellenbosch, 2000.
4. ELLMANN A. *Lymphatic mapping and intra-operative detection of the sentinel node*. Seminar on Radionuclide guided surgery at the beginning of 2000, organised under the auspices of the Boland branch of the Surgical Society of South Africa. Cape Town, 2000.
5. ELLMANN A, JUMAAR R, HARRIS L. *Lymphatic mapping and sentinel node detection: practical considerations*. Congress of the SA Society of Nuclear Medicine. Bloemfontein, 2000.
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7. GHOORUN S. *Development of computer-based interactive teaching software*. South African Association of Physicists in Medicine and Biology. Durban, 2000.
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12. VAN HEERDEN BB. *Nuclear medicine: images of body function*. Medi-Clinic Invited Lecture for GP's and Specialists. Medi-Clinic, Nelspruit, 2000.
13. VAN HEERDEN BB. *Nuclear medicine: the past millennia*. Chris Jansen Memorial Lecture, 9th Congress of the South African Society of Nuclear Medicine. Bloemfontein, 2000.
14. VAN HEERDEN BB. *The value of nuclear medicine in sport injuries*. State-of-the-art Lecture. 44ste Akademiese Jaardag van die Fakulteite Geneeskunde en Tandheelkunde, Universiteit van Stellenbosch. Tygerberg, 2000.
15. VAN ZYL JA, ELLMANN A. *Gamma probe guided surgery*. Congress of the SA Society of Nuclear Medicine. Bloemfontein, 2000.

- VON WENZEL KS, ELLMANN A, RUBOW SM. *Focal nodular hyperplasia of the liver: the role of nuclear medicine*. Congress of the SA Society of Nuclear Medicine. Bloemfontein, 2000.

### Doktoraal lopend/Doctoral current

- VAN HEERDEN BB. *The clinical validation of an optimised imaging and processing paradigm for functional brain SPECT*. PhD Promotors: Proff JF Klopper en P Dupont (Leuven).

## MENSLIKE VOEDING / HUMAN NUTRITION

### Tydskrifartikels/Journal articles

- HERSELMAN MG, MOOSA MR, KOTZE TJvW, KRITZINGER M, WUISTER S, MOSTERT D. Protein-energy malnutrition as a risk factor for morbidity in long-term hemodialysis patients. *Journal of Renal Nutrition* 2000; **10**(1): 7-15.
- JULIEN MR, GOMEZ AC, VARANDAS L, LERBERGHE WV, RODRIGUES P, MALVEIRO F, AGUIAR P, KOLSTEREN P, VAN DER STUYFT P, HILDEBRAND K, LABADARIOS D, FERRINHO P. A randomized, double-blind, placebo-controlled clinical trial of vitamin A in Mozambican children hospitalized with non-measles acute lower respiratory tract infections. *Tropical Medicine and International Health* 1999; **4**(12): 794-800.
- LABADARIOS D, PARKE D. Nutrition and diet in the prevention and treatment of cancer. *Journal of Clinical Biochemical Nutrition* 1999; **26**: 135-153.

### Verrigtinge internasionaal/Proceedings international

- MARAIS D, LABADARIOS D, HUGO J, VENTER I, LOMBARD C. *The efficacy of a nutrition education breakfast programme with primary school children in Mitchell's Plain*. Proceedings of the 13th International Congress of Dietetics. Edinburgh, Scotland, 2000: O14.
- VENTER I, MARAIS D, DE MUYNK R, SHEDDEN A. *Computer-aided learning in disadvantaged communities: a nutrition education initiative*. Proceedings of the 13th International Congress of Dietetics. Edinburgh, Scotland, 2000: O109.

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- CENCELLI M, JARVIS L, STEYNBERG H, KOORNHOF HE, MARAIS D. *The efficacy of nutrition education posters for primary school children in Khayelitsha*. Proceedings of the 44th Academic Year Day of the Faculty of Medicine and Dentistry, University of Stellenbosch. Tygerberg, 2000: 65.
- MARAIS D, MARAIS M, LABADARIOS D. *Nutritional status assessment and the evaluation of food service to the elderly in old age homes in the Somerset-West area*. Nutrition Congress. Durban, 2000; *South African Journal of Clinical Nutrition* 2000; **13**(3): 120.
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- WESSELS G, HESSELING PB, LABADARIOS D, WERBECK A, VAN RIET F. *The effect of the vitamin A status on children with cancer*. International Child Cancer Congress. Amsterdam, 2000.



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1. HERSELMAN MG, MOOSA MR, KOTZE TJvW, KRITZINGER M, WUISTER S, MOSTERT D. *Protein-energy malnutrition as a risk factor for morbidity in long-term hemodialysis patients*. Congress of the Renal Care Society. Somerset West, 2000.
2. THERON A, MURRAY IL, JORDAAN A, KOORNHOF HE, BEUKES RA. *Knowledge, attitudes, and practices regarding breastfeeding of mothers with children under two years in the Wellington area*. Nasionale Voedingskongres van Suid-Afrika. Durban, 2000.

**Doktoraal lopend/Doctoral current**

1. HOWARD S. *Effects of gender of household head on nutritional status of preschool children*. PhD Promotors: Prof D Labadarios en dr NP Steyn (MRC).

**Magister lopend/Master's current**

1. BEUKES R. *Growth patterns of infants from birth to twelve months in relation to feeding practices*. MVoeding Studieleier: Prof D Labadarios.
2. CONRADIE J. *Micronutrient status during the acute phase response*. MVoeding Studieleier: Prof D Labadarios.
3. DE BEER A-M. *Selected feeding problems in childhood*. MVoeding Studieleier: Prof D Labadarios.
4. GOEIMAN H. *The use of the Road to Health Chart in Primary health care*. MVoeding Studieleier: Prof D Labadarios.
5. JOUBERT P. *Production of enteral feeds: manual vs mechanised vs "ready to hang"*. MVoeding Studieleier: Prof D Labadarios.
6. KLINGER I. *The nutritional status of pregnant women in relation to alcohol consumption during pregnancy and pregnancy outcome*. MVoeding Studieleier: Prof D Labadarios.
7. PHOOKO P. *Nutritional factors associated with oral lesions in HIV disease and TB infection*. MVoeding Studieleier: Prof D Labadarios.
8. RASEKHALA A. *Development of guidelines on food service administration and management*. MVoeding Studieleier: Prof D Labadarios.
9. 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. LAMPRECHT D. *Ventriculo-peritoneal shunting in childhood tuberculous meningitis*. Kongres van die Vereniging van Neurochirurge van Suid-Afrika. Magaliesburg, 2000.

**OOGHEELKUNDE / OPHTHALMOLOGY****Tydskrifartikels/Journal articles**

1. MEYER D. A practical approach to the management of seasonal allergic conjunctivitis. *Current Allergy and Clinical Immunology* 2000; 13(4): 14-15.

**Referate internasionaal/Papers international**

1. BRANDT J, MEYER D. *Vitamin A deficiency in KwaZulu-Natal: a pilot study into Xerophthalmia during a micronutrient intervention programme*. Jaarlikse OVSA Kongres. Royal Swazi Sun, Swaziland, 2000.

2. KEULDER T, MEYER D. *A 10 year retrospective overview of donor and recipient data of the Eye Bank Foundation of South Africa*. Jaarlikse OVSA Kongres. Royal Swazi Sun, Swaziland, 2000.

### Referate nasionaal/Papers national

1. MEYER D. *Allergy and the eye*. ALLSA Kongres. Table Bay Hotel, Waterfront, Kaapstad, 2000.

### 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.

## ORTOPEDIE / ORTHOPEDICS

### Referate nasionaal/Papers national

1. LOURENS CPJ, VLOK GJ. *A review of sacral agenesis*. South African Orthopaedic Congress. Durban, 2000.
2. JOUBERT JD, WADE WJ. *Late proximal femoral reconstruction for severe slipped upper femoral epiphysis*. South African Orthopaedic Congress. Durban, 2000.
3. UYS JvN, DANEEL PJ, ERASMUS PJ, MORTEL H. *Scintigraphic bone homeostasis as a prognostic tool after high tibial*. South African Orthopaedic Congress. Durban, 2000.

## PEDIATRIE EN KINDERGESONDHEID \ PAEDIATRICS AND CHILD HEALTH

### Tydskrifartikels/Journal articles

1. BELLAMY R, BEYERS N, MCADAM KPWJ, RUWENDE C, GIE RP, SAMAAI P, BESTER D, MEYER M, CORRAH T, COLLIN M, CAMIDGE R, WILKINSON D, HOAL-VAN HELDEN E, WHITTLE HC, AMOS W, VAN HELDEN P, HILL AVS. Genetic susceptibility to tuberculosis in Africans: a genome-wide scan. *Proceedings of the National Academy of Sciences of the United States of America* 2000; **97**(14): 8005-8009.
2. COTTON MF. Antiretroviral therapy in children – increased benefit from increased complexity. *South African Medical Journal* 2000; **90**(10): 985-988.
3. COTTON MF. Dental abscesses as a cause of 'unexplained' recurrent fever in a 9-year-old boy. *Journal of the South African Dental Association* 2000; **55**(3): 166-167.
4. COTTON MF. HIV infection in children and neonates, Part 1: diagnosis and management. *Modern Medicine of South Africa* 2000; **25**(4): 27-38.
5. COTTON MF. HIV infection in children and neonates, Part 2: antiretroviral therapy. *Modern Medicine of South Africa* 2000; **25**(5): 24-36.
6. COTTON MF, WASSERMAN E, PIEPER CH, THERON DC, VAN TUBBERGH D, CAMPBELLS G, FANG FC, BARNES J. Invasive disease due to extended spectrum beta-lactamase-producing *Klebsiella pneumoniae* in a neonatal unit: the possible role of cockroaches. *Journal of Hospital Infection* 2000; **44**: 13-17.
7. DONALD PR. Childhood tuberculosis. *Current Opinion Pulmonary Medicine* 2000; **6**: 187-192.
8. DONALD PR. Preventing tuberculosis in childhood. *Indian Journal of Paediatrics* 2000; **67**(5): 383-385.

9. DU PLESSIS JK, MULLER JB, POOLMAN M, VILJOEN K, BARNES JM, COTTON MF. Awareness of HIV infection among pregnant women attending the Elsie's River antenatal clinic. *South African Medical Journal* 2000; **90**(7): 693-696.
10. GOUSSARD P. Pulmonary involvement in HIV-infected children. *Specialist Medicine* 2000; **XXII**(4): 219-229.
11. HESSELING PB. The SIOP Burkitt lymphoma pilot study in Malawi, Africa. *Medical and Pediatric Oncology* 2000; **34**: 142.
12. KIRSTEN GF, VAN ZYL JI, VAN ZIJL F, MARITS JS, ODENDAAL HJ. Infants of women with severe early pre-eclampsia: the effect of absent end-diastolic umbilical artery Doppler flow velocities on neurodevelopmental outcome. *Acta Paediatrica* 2000; **89**: 566-570.
13. KIRSTEN GF, VAN ZYL N, SMITH M, ODENDAAL HJ. Necrotizing enterocolitis in infants born to women with severe early pre-eclampsia and absent end-diastolic umbilical artery Doppler flow velocity waveforms. *American Journal of Perinatology* 1999; **16**(6): 309-314.
14. KLING S. Paediatrics in South Africa in the new millennium. *Specialist Medicine* 2000; **XXII**(4): 205-206.
15. KLING S, GIE RP. Pneumonia in ventilated babies in an emerging country: clinical features, aetiology and short-term outcome. *Journal of Tropical Pediatrics* 2000; **46**: 307-308.
16. MARAIS B, KALIS NN, SHIPTON S, VAN DER MERWE P-L. Complete atrioventricular septal defect. *Cardiovascular Journal of South Africa* 2000; **11**(4): 210-214.
17. MÜLLER M, KERKHOF M, VAN DER MERWE P-L. Secundum atrial septal defects – a review of 75 patients. *Cardiovascular Journal of South Africa* 2000; **11**(5): 262-264.
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**PLASTIESE EN REKONSTRUKTIEWE CHIRURGIE  
(waarby ingesluit die Kraniofasiale Eenheid) /  
PLASTIC AND RECONSTRUCTIVE SURGERY  
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**VERLOSKUNDE EN GINEKOLOGIE**  
**(waarby ingesluit die Navorsingseenheid vir**  
**Perinatale Mortaliteit)**  
**OBSTETRICS AND GYNAECOLOGY**  
**(including the Perinatal Mortality Research Unit)**

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10. DIETRICH ACP. *'n Ondersoek na die werkstevredenheid van geregistreerde verpleegkundiges in geselekteerde intensiewe sorg eenhede*. MCur Studieleier: Prof EB Welmann.
11. DIKLOTLA NJ. *An evaluation of the nursing component of a selected primary health care service*. MCur Studieleier: Prof EB Welmann.
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15. HEUNIS J. *Factors influencing renal transplantation in a Western Cape Hospital*. MCur Studieleier: Dr TD van der Merwe.
16. LUKOLO LN. *Adolescent sexual health in a selected region in Namibia*. MCur Studieleier: Prof EB Welmann.
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26. SEPTEMBER IP. *A clinical pathway for the nursing management of chronic diseases*. MCur Studieleier: Dr TD van der Merwe.
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**SENTRUM VIR GESTREMDESORG EN REHABILITASIE /  
CENTRE FOR CARE AND REHABILITATION OF THE  
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**TYGERBERG MEDIASENTRUM VIR  
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1. HUGO J, SMIT M. Rethinking the appropriateness of health education messages: problems, principles and guidelines. *Health SA Gesondheid* 1999; **4**(4): 18-28.

**FAKULTEIT KRYGSKUNDE**

**FACULTY OF  
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## BEDRYFSIELKUNDE (MIL.) / INDUSTRIAL PSYCHOLOGY (MIL.)

### Tydskrifartikels/Journal articles

1. BEUKES JA. Clarifying performance appraisal. *Servamus* 2000; **93**(1): 40-43.
2. BEUKES JA. Ergonomics does not take sides. *Servamus* 2000; **93**(5): 54-56.
3. BEUKES JA. The unwritten contract: implications for SAPS? *Servamus* 2000; **93**(5): 52-53.
4. KOTZE E. The life role inventory: reliability and construct validity for a sample of young military officers. *The Social Work Practitioner-Researcher* 2000; **12**(3): 174-183.
5. LOOTS J, BEUKES JA. Questions about workplace violence. *Servamus* 2000; **93**(11): 52-54.

### Verrigtinge internasionaal/Proceedings international

1. KOTZE E. *Tertiary education and perceptions of management in the military: a preliminary study*. Proceedings of the Seventh Bi-Annual Conference of the International Society for the Study of Work and Organizational Values (ISSWOV). Jerusalem, Israel, 2000: 313-318.
2. JACKSON T, KOTZE E. *Management and change in the South African National Defence Force*. Proceedings of the Seventh Bi-Annual Conference of the International Society for the Study of Work and Organizational Values (ISSWOV). Jerusalem, Israel, 2000: 223-228.

### Referate internasionaal/Papers international

1. DE KOCK FS, VAN DYK GAJ. *Establishing a diverse military culture in the SANDF: a psychological framework and plan*. International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
2. DU PREEZ G, VAN DYK GAJ. *The psychological influence of chemical, biological and nuclear weapons upon soldiers*. International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
3. DU PREEZ L, REDELINGHUYNS M, VAN DYK GAJ. *The management of cultural diversity: a challenge for the SANDF*. International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
4. LOOTS J, VAN DYK GAJ. *Factors of the war theater and the enemy that destroy troop moral: how can the military psychologist prevent this?* International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
5. SMIT MJ, VAN DYK GAJ. *The prevention of combat stress*. International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
6. VAN DYK GAJ. *Psychological debriefing: an adjusted model for community workers to heal traumatised children in South Africa*. First International Conference on Creative Rescue: Counselling and Assistance for the Children of our Country. UNISA, Pretoria, 2000.
7. VAN DYK GAJ. *Psychological debriefing: treatment of children as victims of violence in Africa*. Third African Conference on Psychotherapy. Yaoundè, Cameroun, 2000.
8. VAN NIEKERK NJ, VAN DYK GAJ. *Peacekeepers must be exclusive!* International Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

### Referate nasionaal/Papers national

1. KOTZE E. *Perceptions of management in the military: a comparative study*. Industrial Psychology Conference. Pretoria, 2000.

## EKONOMIE (MIL.) / ECONOMICS (MIL.)

### Referate nasionaal/Papers national

1. COETZEE C, DE WET HF. *South African defence expenditure in the 20th century*. Kongres van die Fakulteit Krygskunde van die Universiteit van Stellenbosch. Saldanha, 2000.

## FISIKA (MIL.) / PHYSICS (MIL.)

### Magister afgehandel/Master's completed

1. BEZUIDENHOUT J. *Cross sections and analysing power energy-sharing distributions of valence (p,2p)-knockout from 208PB with a projectile of 200MeV*. MSc, 2000. 82 pp. Studieleier/medestudieleier: Prof AA Cowley/dr GJ Arendse.

## KRYGSGESKIEDENIS / MILITARY HISTORY

### Tydskrifartikels/Journal articles

1. ELLIS JE. The British tactical reaction to battlefield conditions during the Anglo-Boer War. *Journal for Contemporary History* 2000; **December**(Special Edition): 136-158.
2. ELLIS JE. Musketry: the Anglo-Boer War experience. *Historia* 2000; **45**(2): 483-501.
3. POTGIETER TD. Another Apartheid dilemma: corvettes for the South African Navy. *New Contree* 2000: 47.
4. POTGIETER TD. Nineteenth Century Technological Development and its influence on the Anglo-Boer War, 1899-1902. *Journal for Contemporary History* 2000; **December**(Special Edition): 116-135.
5. VAN DER WAAG IJ. An Australian war correspondent in Ladysmith: the siege report of Donald MacDonald of the Melbourne Argus. *Scientia Militaria* 2000; **30**(1): 86-91.
6. VAN DER WAAG IJ. Van Ryneveld vs Blaine: the UDFI as a civil-military relations football, 1939-1945. *Scientia Militaria* 2000; **30**(1): 33-43.

### Verrigtinge internasionaal/Proceedings international

1. VAN DER WAAG IJ. *South Africa and the Boer military system*. The 1999 Chief of the Army/Australian War Memorial Military History Conference. Canberra, Australia, 1999; *The Boer War. Army Nation and Empire* 2000: 45-69.

### Referate internasionaal/Papers international

1. ELLIS JE. *Oswald Pirow's five-year plan for the reorganisation of the Union Defence Force, 1933-1939*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
2. POTGIETER TD. *Maritime Defence and the South African Navy, to the cancellation of the Simonstown Agreement*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
3. POTGIETER TD. *Verdediging van die Kaap in 1795: vir Kroon of Patria?* Tweede Nederlands-Zuid-Afrikaans Historisch Congres, Eenders en toch Anders. Wassenaar, Nederland, 2000.
4. VAN DER WAAG IJ. *The Union Defence Force Between the Two World Wars, 1919-1939*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

5. VAN DER WAAG IJ. *War, sex and politics: the South African Medical Section in Korea, 1950-1953*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
6. VISSER GE. *The South African Military Academy and its foreign role models*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

### **Boeke/Books**

1. VISSER GE. *Die geskiedenis van die Suid-Afrikaanse Militêre Akademie, 1950-1990*. Supplementa ad Scientia Militaria, 2000. 554 pp.

### **Hoofstukke in boeke/Chapters in books**

1. VAN DER WAAG IJ. Military record preservation in South Africa. In: Higham R, (ed.). *Official Military Historical Offices and Sources. Volume 1: Europe, Africa, the Middle East and India*. Kansas State University and Greenwood Publishing Group, 2000.

### **Dokoraal afgehandel/Doctoral completed**

1. VISSER GE. *Die geskiedenis van die Suid-Afrikaanse Militêre Akademie, 1950-1990*. DPhil, 2000. 554 pp. Promotor/medepromotor: Prof PH Kapp/prof JS Kotze.

## **MILITÊRE BESTUUR / MILITARY MANAGEMENT**

### **Referate internasionaal/Papers international**

1. NORTJE S, STRYDOM G. *How can total quality management be applied to the logistic support system of the Department of Defence*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
2. LABUSCHAGNE E, STRYDOM G. *Implementing an environmental management system in the Department of Defence*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

### **Referate nasionaal/Papers national**

1. STRYDOM G, O'NEILL RC. *The influence of Saldanha Steel on small business development on the West Coast of South Africa*. Conference of the Southern Africa Institute for Management Scientists. UNISA Campus, Midrand, 2000.

### **Magister afgehandel/Master's completed**

1. STRYDOM G. *Kritiese suksesfaktore vir entrepreneursukses in klein en medium sake-ondernemings met spesifieke verwysing na die Weskusstreek van Suid-Afrika*. MComm cum laude, 2000. 98 pp. Studieleier: Dr RC O'Neill.

## **MILITÊRE GEOGRAFIE / MILITARY GEOGRAPHY**

### **Referate internasionaal/Papers international**

1. JACOBS JA, SMIT HAP. *Military mapping in the 20th Century*. Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

## MILITÊRE STRATEGIE / MILITARY STRATEGY

### Tydskrifartikels/Journal articles

1. VREÏ F. A revolution in military affairs: some comparative approaches to the contemporary debate. *Joernaal vir Eietydse Geskiedenis* 2000; 25(1): 56-71.

## OPENBARE EN ONTWIKKELINGSBESTUUR (MIL.) / PUBLIC AND DEVELOPMENT MANAGEMENT (MIL.)

### Referate nasionaal/Papers national

1. DANIELS PI. *An analysis of the forms, categories and models of sexual harassment.* SAPSA Millenium Colloquim. Vista Universiteit, Bloemfontein, 2000.

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

### Referate internasionaal/Papers international

1. BAILEY HA. *African integration: what role for the SMME sector?* Ninth International Conference of the African Business Round Table. Casablanca, Morocco, 2000.

### Referate nasionaal/Papers national

1. BAILEY HA. *Political risk analysis: weaknesses in current risk practices and a solicitation for greater normative diversity.* South African Political Science Association Millennium Colloquium. Vista University, Bloemfontein, 2000.
2. DU PLESSIS MJ. *Biotechnology and developing societies – will a protocol resolve the issues?* South African Sociological Association Conference. UWC, Bellville, 2000.
3. DU PLESSIS MJ. *Biotechnology and international trade – current issues in agricultural biotechnology.* South African Political Science Association Millennium Colloquium. Vista University, Bloemfontein, 2000.
4. KHWELA GC. *The Clausewitzian and Heuristic Evolution of the ANC's armed struggle: a dependent pillar of the South African Revolution.* Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

### Magister Iopend/Master's current

1. KHWELA GC. *Arms transfer challenges facing the emerging arms supplier states in the new international political economy.* MMil Studieleiers: Mnr HA Bailey en LtCol F VreÏ.

## REKENAARINLIGTINGSTELSELS (MIL.) / COMPUTER INFORMATION SCIENCE (MIL.)

### Referate internasionaal/Papers international

1. VAN DER WAAG-COWLING NM. *The SANDF and the Constitution – meeting society's demand for a culture based upon human rights with respect to issues of gender and sexual orientation.* Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

## WISKUNDE (MIL.) / MATHEMATICS (MIL.)

### Verrigtinge internasionaal/Proceedings international

1. BEZUIDENHOUT JGH, OLIVIER AI. *Students' conceptions of the integral*. Proceedings of the 24th Conference of the International Group for the Psychology of Mathematics Education. Hiroshima, Japan, 2000; **2**: 73-80.

### Referate internasionaal/Papers international

1. BEZUIDENHOUT JGH. *Students' understanding of key calculus concepts and relationships among them*. 5th Pan African Congress of Mathematicians. Cape Town, South Africa, 2000.

## SENTRUM VIR MILITÊRE STUDIE / CENTRE FOR MILITARY STUDIES

### Tydskrifartikels/Journal articles

1. DU PLESSIS L. Managing African conflicts: the challenge of military interventions. *Salut* 2000; **7**(11): 26-28.
2. HARTLEY JCM, NEETHLING TG. Many new friends were made: study tours to Kenya and Nigeria can be seen as a milestone for the SA Defence College. *Salut* 2000; **7**(7): 30-32.
3. HEINECKEN LPT. A falling line of defence: the impact of HIV/Aids on national and international security. *Conflict Trends* 2000; (4): 12-15.
4. HEINECKEN LPT. Securing South Africa's future: putting women in the frontline. *Strategic Review for Southern Africa* 2000; **22**(2): 76-102.
5. HEINECKEN LPT. The silent right: homosexuality and the military. *African Security Review* 1999; **8**(5): 43-55.
6. HEINECKEN LPT. The value of equestrian training in the making of future military leaders. *Salut* 2000; **7**(11): 50-51.
7. HEINECKEN LPT. Women in combat: time to face the facts. *Salut* 2000; **7**(5): 20-23.
8. KHANYILE MB. Revisiting the zone of peace and co-operation in the South Atlantic: a South African perspective. *Unisa Latin American Report* 1999; **15**(2): 37-47.
9. KHANYILE MB. South Africa's arms transfers in 1997: morality and reality. *Africa Insight* 2000: 24-31.
10. NEETHLING TG, ESTERHUYSE A. US Involvement in African security requirements: some notes and reflections. *African Armed Forces Journal* 2000: 22-25.
11. NEETHLING TG. Conditions for successful entry and exit: an assessment of SADC allied operations in Lesotho. *ISS Monograph Series* 2000; (44): 141-164.
12. NEETHLING TG. Guns, butter, security and peace: reflections on the boosting of South Africa's military potency. *SALVO* 2000; **1/00**: 18-20.
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14. NEETHLING TG. The peace process in Kosovo: structures, processes and thoughts on peacekeeping in Africa. *African Security Review* 2000; **9**(1): 29-41.
15. NEETHLING TG. Police involvement in peace missions: significance for the SAPS. *Servamus* 2000: 62-63.
16. NEETHLING TG. Providing combat-ready forces to meet tomorrow's unexpected challenges. *Salut* 2000; **7**(3): 18-21.



### Referate internasionaal/Papers international

1. DU PLESSIS L. *An optimistic Nietzsche: the intellectual power of time*. Paper presented at the Third International Conference of the South African Society for Greek Philosophy and the Humanities. University of Pretoria, 2000.
2. HEINECKEN LPT. *Affirming gender equality: the challenges facing the South African armed forces*. Paper presented at the RC01 Interim Conference on "The Armed Forces on the Threshold to the New Millennium", held at the Social Sciences Institute of the Bundeswehr (SOWI). Strausberg, Germany, 2000.
3. HEINECKEN LPT. *HIV/Aids, the military and the impact on national and international security: what lessons for Europe?* Paper presented at the RC01 Interim Conference on "The Armed Forces on the Threshold to the New Millennium", held at the Social Sciences Institute of the Bundeswehr (SOWI). Strausberg, Germany, 2000.
4. HEINECKEN LPT. *South Africa: preparing for and participating in operations other than war*. Paper presented at the RC01 Interim Conference on "The Armed Forces on the Threshold to the New Millennium", held at the Social Sciences Institute of the Bundeswehr (SOWI). Strausberg, Germany, 2000.
5. HEINECKEN LPT, VOLKER F. *Military identity and international security: a cross-national comparison of professional military socialisation*. Paper presented at the 2000 Annual Meeting of the American Political Science Association. Washington DC, 2000.
6. NEETHLING TG. *Globalism, multilateralism and the promotion of (sub)regional peace and security: the role of SADC in Southern Africa*. Paper presented at the 40th Anniversary Conference of the Africa Institute of South Africa on 'A United States of Africa'. Pretoria, 2000.
7. NEETHLING TG. *Peacekeeping requirements in Africa: responding to current challenges*. Paper presented at the International Conference of the Danish United Nations Association on The United Nations and Regional Chapter VIII Organisations Before, During and After Armed Conflict, UN House. Copenhagen, 2000.

### Referate nasionaal/Papers national

1. DU PLESSIS L. *Outgrowing some epistemological problems in political studies: a word from Friedrich Nietzsche*. Paper presented at the Millennium Colloquium of the South African Political Studies Association. Vista University, Bloemfontein, 2000.
2. DU PLESSIS L. *Overcoming moralisation in social studies: an interpretation of Friedrich Nietzsche*. Paper presented at the South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.

3. DU PLESSIS L, HOUGH M. *Military interventions by African states: integrating a model from regional, continental and global interpretations*. Paper presented at the Millennium Colloquium of the South African Political Studies Association. Vista University, Bloemfontein, 2000.
4. HAEFELE BW. *Drug trafficking in South Africa: does the state have the capacity to counter this potential security threat?* Paper presented at the South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.
5. HEINECKEN LPT. *HIV/Aids, The military and the impact on national and international security*. Paper presented at the Millennium Colloquium of the South African Political Studies Association. Vista University, Bloemfontein, 2000.
6. HEINECKEN LPT. *Preparing for operations other than war: an assessment of officer education and training in the SANDF*. Paper presented at the Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.
7. HEINECKEN LPT. *War is bloody business, Aids the enemy: assessing the impact of HIV/Aids on the SANDF*. Paper presented at the Sociological Association Congress. University of the Western Cape, Bellville, 2000.
8. MATTHEE H. *Human security in a new democracy: the case of Muslims in the Western Cape*. Paper presented at the Millennium Colloquium of the South African Political Studies Association. Vista University, Bloemfontein, 2000.
9. MATTHEE H. *Religion, identity and politics in an era of globalization*. Paper presented at the South African Sociological Association Congress. University of the Western Cape, Bellville, 2000.
10. NEETHLING TG. *Peacekeeping in the DR Congo: the response of the United Nations*. Paper presented at the Millennium Colloquium of the South African Political Studies Association. Vista University, Bloemfontein, 2000.
11. NEETHLING TG. *The South African military and peacekeeping: Reflections on conditions, capacity building and prospects*. Paper presented at the Conference on South Africa at War in the Twentieth Century. Military Academy, Saldanha, 2000.

### **Boeke/Books**

1. DU PLESSIS L, HOUGH M, (eds). *Managing African Conflicts: The Challenge of Military Intervention*. HSRC Publishers, Pretoria, 2000. 359 pp.

### **Hoofstukke in boeke/Chapters in books**

1. DU PLESSIS L. African conflict at the turn of the century: manifestations, propensity and management. In: Du Plessis L, Hough M, (eds). *Managing African Conflicts: The Challenge of Military Intervention*. HSRC Publishers, Pretoria, 2000: 119-165.
2. DU PLESSIS L. *Conclusion: the challenge of military intervention*. In: Du Plessis L, Hough M, (eds). *Managing African Conflicts: The Challenge of Military Intervention*. HSRC Publishers, Pretoria, 2000: 333-357.
3. 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.
4. 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.
5. MATTHEE H. Central African military interventions in the 1990s: the case of the DRC. In: Du Plessis L, Hough M, (eds). *Managing African Conflicts: The Challenge of Military Intervention*. HSRC Publishers, Pretoria, 2000: 253-286.

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7. NEETHLING TG. Southern African military interventions in the 1990s: the case of SADC in Lesotho. In: Du Plessis L, Hough M, (eds). *Managing African Conflicts: The Challenge of Military Intervention*. HSRC Publishers, Pretoria, 2000: 287-331.

**FAKULTEIT TANDHEELKUNDE**

**FACULTY OF DENTISTRY**

**GEMEENSKAPSTANDHEELKUNDE**  
**(waarby ingesluit die Afdeling Mondgesondheid) /**  
**COMMUNITY DENTISTRY**  
**(including the Division of Oral Hygiene)**

**Tydskrifartikels/Journal articles**

1. CHIKTE UME, BRAND AA. Attitudes to water fluoridation in South Africa 1998 – Part III: An analysis of pro- and anti-fluoridation attitudes in South Africa. *South African Dental Journal* 2000; **55**(2): 70-76.
2. CHIKTE UME, BRAND AA, LOUW AJ, SARVAN I. Attitudes to water fluoridation in South Africa 1998 – Part II: influence of educational, income and occupational levels *South African Dental Journal* 2000; **55**(1): 23-28.
1. CHIKTE UME, JOSIE-PEREZ AM, COHEN TL. A rapid epidemiological assessment of dental erosion to assist in setting an industrial dispute. *Journal of the Dental Association of South Africa* 1998; **53**: 7-12.
2. CHIKTE UME, NAIDOO S. Ethical and legal issues around HIV? AIDS in dentistry in South Africa. *South African Dental Journal* 2000; **55**(12): 701-705.
3. NAIDOO S. A profile of the oro-facial Injuries in child physical abuse at a children's hospital. *Child Abuse and Neglect* 2000; **24**(4): 521-534.
4. NAIDOO S, CHIKTE UME. Noma (cancrum oris): case report in a 4-year-old HIV-positive South African. *South African Dental Journal* 2000; **55**(12): 683-686.
5. SARVAN I, NAIDOO S, NORVAL. E.J.G. Hypohydrotic ectodermal dysplasia: an unusual presentation and management in an 11-year-old Xhosa boy. *South African Dental Journal* 2000; **55**(1): 34-37.

**Verrigtinge internasionaal/Proceedings international**

1. BEDI R, CHIKTE UME, NARENDRAN S. *Ethnicity and undergraduate dental students – emerging research issues*. *Journal of Dental Research* 2000; (79): abstract 2156.
2. CHIKTE UME, SARVAN I, LOUW AJ. *Evaluation of atraumatic restorative treatment (ART) and minimal intervention treatment (MIT)*. *Journal of Dental Research* 2000; (79): abstract 1206.
3. LOUW AJ, GROBLER SR. *Dental fluorosis and caries at different water fluoride levels*. *Journal of Dental Research* 2000; **79**(5): Abstract 2.
4. NAIDOO S, CHIKTE UME. *A systematic review of oral HIV/Aids in Southern Africa*. 4th International Workshop on the Oral Manifestations of HIV Infection. Skukuza, 2000: 37.

**Referate nasionaal/Papers national**

1. VILJOEN K, VAN WYK CW. *Infection control in oral hygiene practice*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.

**Magister afgehandel/Master's completed**

1. HARNAKER F. *The effect of high/low carbohydrate and artificially sweetened beverages on dental plaque pH of humans*. MScTandheelkWet, 2000. 86 pp. Studieleier: Prof S Grobler.

**Doktoraal lopend/Doctoral current**

1. CHIKTE UME. *An epidemiological and microscopic investigation of potential erosive effects of wine on enamel and dentine of winemakers in the Western Cape*. PhD Promotor: Prof S Grobler.
2. LOUW AJ. *Analysis of fluoride in the diet and bioavailability thereof*. PhD Promotor: Prof S Grobler.
3. NAIDOO S. *Oral manifestaions of Fetal Alcohol Syndrome*. PhD Promotor: Prof WP Dreyer.

**Magister Iopend/Master's current**

1. ADEDIGBA M. *Cost implication of treatment needs of oral HIV/Aids lesions among patients attending dental faculties in the Western Cape.* MScTandheelkWet Studieleier: Prof UME Chikte.
2. AYO-YUSUF I. *School oral health promotion: knowledge and participation of primary schoolteachers in the Southern Bushveld District of the Northern Province.* MScTandheelkWet Studieleiers: Prof UME Chikte en dr S Naidoo.
3. BAILEY SL. *Job satisfaction of dentists in the public sector.* MScTandheelkWet Studieleiers: Prof UME Chikte en dr S Naidoo.
4. GACHIGO J. *HIV/AIDS: the awareness of dentists in Nairobi Kenya.* MScTandheelkWet Studieleiers: Prof UME Chikte en dr S Naidoo.
5. HOZEER MA. *Oral Health survey of 12 year old schoolchildren in Mauritius.* MScTandheelkWet Studieleier: Prof UME Chikte.
6. JIMOH AJ. *Patterns of utilisation of oral health services, perceived oral health needs and barriers to usage of services in Ganeyisa District of Northwest Province of the Republic of South Africa.* MScTandheelkWet Studieleier: Prof UME Chikte.
7. LAMBRECHT A. *Oral health status of children in the Eastern Cape.* MScTandheelkWet Studieleiers: Prof UME Chikte en dr S Naidoo.

**HERSTELLENDEN TANDHEELKUNDE /  
RESTORATIVE DENTISTRY**
**Verrigtinge internasionaal/Proceedings international**

1. LOUW NP, BEGG T, PAMEIJER CH. *Testing the new Fibre-reinforced Resin Posts under simulated occlusal forces.* *Journal of Dental Research* 2000; **79**(5): 1311.

**Referate internasionaal/Papers international**

1. SAAYMAN CM, GROBLER SR, ROSSOUW RJ, KOTZE TJvW. *Microleakage and the effect of saliva contamination on a compomer.* XXXIV Wetenskaplike Vergadering van die SA Afdeling van die IVTN. Kaapstad, 2000.

**Magister Iopend/Master's current**

1. COETZEE J. *Comparison of microleakage and anti-bacterial effect with or without using titanium fluoride as a final rinsing solution in the preparation of root canals.* MScTandheelkWet Studieleier: Prof NP Louw.
2. HASSAN F. *Efficiency of chlorhexidine in combination with sodium hypochloride and iodine potassium iodide in disinfection of dentinal tubules.* MScTandheelkWet Studieleier: Prof NP Louw.
3. MOHAMED N. *A comparison of two liner materials for use in the ferric sulfate pulpotomy.* MScTandheelkWet Studieleier: Prof R Peters.
4. 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.
5. SIDLEY CG. *Prevalence of tinnitus in South African dentists and an investigation into the possible connection of this disease with noise levels and frequency.* MScTandheelkWet Studieleier: Prof NP Louw.
6. WUCHER M. *A clinical evaluation of a compomer, a composite and a compomer/composite in Class II restorations.* MScTandheelkWet Studieleier: Prof SR Grober.

**KAAK-, GESIG- EN MONDCHIRURGIE**  
**(waarby ingesluit die Afdeling Maksillofasiale Anesthesiologie)**  
**/**  
**MAXILLO-FACIAL AND ORAL SURGERY**  
**(including the Division of Maxillo-facial Anesthesiology)**

**Tydskrifartikels/Journal articles**

1. PAYNE KA, ROELOFSE JA. Tramadol drops in children: analgesic efficacy, lack of respiratory effects, and normal recovery times. *Anesthesia Progress* 1999; **46**(3): 91.
2. RICHTER FD, ROELOFSE JA, MORKEL JA, KRUIJSSE HW, SHIPTON EA. Tramadol and Mefenamic acid on post-operative pain, safety and clinical acceptability during third molar surgery: a double-blind, randomised controlled pilot study. *The South African Journal of Anaesthesiology and Analgesia* 2000; **6**(4): 8.
3. ROELOFSE JA. Conscious sedation. *Journal of the South African Dental Association* 2000; **55**(3): 168-169.
4. ROELOFSE JA. Conscious sedation. Making our treatment options safe and sound. *Journal of the South African Dental Association* 2000; **55**(5): 273-276.
5. ROELOFSE JA. Overview of pharmacological aspects of sedation – Part I. *Journal of the South African Dental Association* 2000; **55**(7): 387.
6. ROELOFSE JA. Overview of pharmacological aspects of sedation. Part 2. Combination sedative/analgesics. *Journal of the South African Dental Association* 2000; **55**(8): 441.
7. ROELOFSE JA, PAYNE KA, MORKEL JA, PENKLER L, MALAN J. Intranasal Midazolam spray in adults – pharmacokinetics and clinical use. *The South African Journal of Anaesthesiology and Analgesia* 2000; **6**(2): 16.

**Referate internasionaal/Papers international**

1. ROELOFSE JA, PAYNE KA. *Oral Tramadol drops: analgesic efficacy in children following multiple dental extractions*. 9th International Dental Congress on Modern Pain Control. Jerusalem, Israel, 2000.

**Referate nasionaal/Papers national**

1. MORKEL JA, GROTEPASS F. *Alloplastic implants*. SASMFOS Kongres. Valley Lodge, Magaliesburg, 2000.

**Doktoraal lopend/Doctoral current**

1. SWART L. *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 CJ. *A comparison of intranasal Sufentanil/Midazolam and Ketamine/Midazolam for relief of anxiety and post-operative pain in children*. MSc Studieleier: Prof JA Roelofse.

**MAKSILLOFASIALE RADIOLOGIE /**  
**MAXILLO-FACIAL RADIOLOGY**

**Tydskrifartikels/Journal articles**

1. SARVAN N, NAIDO S, NORVAL EJG. Hypohydrotic ectodermal dysplasia and unusual presentation in an eleven year old boy. *South African Dental Journal* 2000; **55**(1): 34-37.

### Referate internasionaal/Papers international

1. JANSE VAN RENSBURG L. *Caries, restorations and periodontal disease*. State of the Art Imaging at Ayers House. Australia, 2000.
2. JANSE VAN RENSBURG L. *Lesions of the tooth apex. Investigation of facial pain*. State of the Art Imaging at Ayers House. Australia, 2000.
3. JANSE VAN RENSBURG L. *Odontogenic cysts and tumours. The impacted third molar*. State of the Art Imaging at Ayers House. Australia, 2000.
4. JANSE VAN RENSBURG L. *Principles of Interpretation of lesions of the Maxillofacial region*. State of the Art Imaging at Ayers House. Australia, 2000.
5. NORTJE CJ. *General principals of radiographic interpretation of the maxillofacial region*. 1st International Congress of Dentomaxillofacial Radiology. Kuala Lumpur, Malaysia, 2000.
6. NORTJE CJ. *General principles of radiographic interpretation of the maxillofacial region*. 1st International Congress in Dentistry. Florianopolis, 2000.
7. NORTJE CJ. *Maxillofacial radiology in forensic medicine*. 1st International Congress in Dentistry. Florianopolis, 2000.
8. NORTJE CJ. *Panoramic radiology*. 1st International Congress in Dentistry. Florianopolis, 2000.
9. NORTJE CJ. *Radiology of apical lesions*. 1st International Congress of Dentomaxillofacial Radiology. Kuala Lumpur, Malaysia, 2000.
10. NORTJE CJ. *Radiology of the cysts of the maxillofacial region*. 1st International Congress of Dentomaxillofacial Radiology. Kuala Lumpur, Malaysia, 2000.
11. NORTJE CJ. *The radiology of the maxillary sinus*. 1st International Congress of Dentomaxillofacial Radiology. Kuala Lumpur, Malaysia, 2000.
12. NORTJE CJ. *Radiology of odontogenic tumours/cysts of the maxillofacial region*. 1st International Congress in Dentistry. Florianopolis, 2000.
13. NORTJE CJ, OJO MA, J VAN RENSBURG LJ. *Imaging of osteosarcoma and chondrosarcoma of the maxillofacial region with special reference to computed tomography and magnetic resonance imaging*. 7th International European Congress of the Dentomaxillofacial Radiology. Athens, 2000.

### Referate nasionaal/Papers national

1. JANSE VAN RENSBURG L. *Applied anatomy of the jaws. Infection of the jaws*. Maxillofacial Imaging Workshop. Johannesburg/Cape Town, 2000.
2. JANSE VAN RENSBURG L. *Correlation imaging of odontogenic cysts and tumours. The impacted third molar. Practical approach to dental interpretation. The investigation of facial pain*. Maxillo-facial Imaging Workshop. Johannesburg/Cape Town, 2000.
3. NORTJE CJ. *Cysts and tumours of the jaws. Practical approach to dental interpretation*. Maxillo-facial Imaging Workshop. Johannesburg/Cape Town, 2000.
4. NORTJE CJ. *Normal radiographic anatomy of the jaws. General principles in the interpretation of lesions of the maxillofacial region. Principles and concepts of panoramic radiography. Caries/pulpal and periapical lesions*. Maxillo-facial Imaging Workshop. Johannesburg/Cape Town, 2000.
5. NORTJE CJ, JANSEN VAN RENSBURG L. *Practical insights into the imaging of odontogenic lesions*. Maxillo-facial Imaging Workshop. Johannesburg/Cape Town, 2000.

### Doktoraal afgehandel/Doctoral completed

1. MURILLO JOSE NUNES DE ABREU Jnr. *Tuned Aperture Computed Tomography (TACT). An investigation on the factors associated with its image quality for caries detected*. PhD, 2000. 112 pp. Promotor/medepromotor: Prof CJ Nortje/dr DA Tyndall (Universiteit van North Carolina, VSA) (ekstern).



### **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 contours*. PhD Promotor: Prof CJ Nortje.
2. JANSE VAN RENSBURG L. *The application of advanced imaging techniques to the diagnosis and management of lesions of the jaws*. PhD Promotor: Prof CJ Nortje.
3. ONANONG CHAI-U-DOM. *Tuned Apertue Computed Tomography (TACT) digital subtraction. An investigation for an optimal technique for improving digital subtraction radiography analysis*. PhD Promotor: Prof CJ Nortje.

## **MONDBIOLOGIE / ORAL BIOLOGY**

### **Tydskrifartikels/Journal articles**

1. MOODLEY D, GROBLER SR, ROSSOUW RJ, OBERHOLZER TG, PATEL N. In vitro evaluation of two adhesive systems used with compomer filling materials. *International Dental Journal* 2000; **50**(6): 400-406.

### **Referate internasionaal/Papers international**

1. GROBLER SR, WUCHER M, ROSSOUW RJ. *Shear bond strength, microleakage, laser confocal studies of amalgam/composite/compomer restoratives and clinical performance in human teeth*. Guest Speaker: ACUN-2 International Composite Conference. University of New South Wales, Sydney, Australia, 2000.

### **Referate nasionaal/Papers national**

1. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage of four amalgam bonding agents*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
2. ROSSOUW RJ, OBERHOLZER TG, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
3. SAAYMAN CM, GROBLER SR, ROSSOUW RJ, KOTZE TJvW. *Microleakage and the effect of saliva contamination on a compomer*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.

## **MONDGENEESKUNDE EN PERIODONSIE / ORAL MEDICINE AND PERIODONTICS**

### **Referate internasionaal/Papers international**

1. VAN ZYL AW. *Ongoing care of fixed prostheses and implants*. Namibië Tandheelkundige Kongres. Windhoek, 2000.

### **Referate nasionaal/Papers national**

1. DE WAAL J, VAN WYK CW, STANDER I, VAN WYK I. *The oral mucosa of areca nut chewers in South Africa*. Internasionale Vereniging vir Tandheelkundige Navorsing (SA Afdeling). Bellville, 2000.
2. VAN ZYL AW. *Common oral mucosal lesions*. Internasionale Vereniging vir Tandheelkundige Navorsing (SA Afdeling). Bellville, 2000.
3. VAN ZYL AW. *Gingival contouring and tooth lengthening*. SADA Mini Kongres. Port Elizabeth, 2000.

**Magister Iopend/Master's current**

1. FISHER J. *A pilot study to investigate the relationship between secretory leucocyte inhibitor (SLPI) in oral fluid and the viral load of HIV in oral fluid of paediatric patients infected with HIV at Tygerberg Hospital.* MScTandheelkWet Studieleier: Prof AW van Zyl.
2. FISHER J. *A study at Brooklyn Chest Hospital to assess the change in the oral carriage of candida species in patients co-infected with HIV and TB, before and after anti-fungal therapy: a) to include a paediatric group in the above study; b) a pilot study at the Brooklyn Chest Hospital to investigate the effectiveness of a bio-mechanical oral hygiene regime.* MScTandheelkWet Studieleier: Prof AW van Zyl.

**MONDPATOLOGIE / ORAL PATHOLOGY****Tydskrifartikels/Journal articles**

1. GROBLER SR, THEUNISSEN FS, KOTZE TJvW. The relation between lead concentrations in human dental tissues and in blood. *Archives of Oral Biology* 2000; **45**: 607.
2. THEUNISSEN FS, GROBLER SR. The antimicrobial action of honey on the oral flora. *Medical Technology SA* 1999; **13**(2): 298.
3. THOMPSON IOC, VAN DER BIJL P, VAN WYK CW, VAN EYK AD. Comparison of the permeability of vaginal mucosa and the wall of an experimental cyst developed from it. *South African Journal of Science* 2000; **96**: 385-386.
4. VAN DER BIJL P, DE BLOIS AMR, VAN EYK AD, THOMPSON IOC. Permeability of vaginal mucosa to water at normal and elevated temperatures. *South African Dental Journal* 2000: 206.

**Verrigtinge internasionaal/Proceedings international**

1. PHILLIPS VM, THOMPSON IOC. *A correlation between dental age and bone age. Forensic odontology.* Proceedings of the European IOFOS Millennium Meeting. Leuven Belgium, 2000: 55-58.
2. THOMPSON IOC, VAN DER BIJL P, VAN WYK CW, VAN EYK AD. *Human buccal epithelium and vaginal epithelium: a comparative study.* International Association for Dental Research. Perth, 2000: 66.

**Referate internasionaal/Papers international**

1. PHILLIPS VM. *Skeletal remains identification by facial reconstruction.* 9th Biennial Scientific Meeting of the International Association for Craniofacial Identification. Washington DC, USA, 2000.
2. THEUNISSEN FS. *Microbiological aspects of bacteraemia associated with dental surgery.* International Association of Medical Laboratory Technologist. Vancouver, Canada, 2000.

**Referate nasionaal/Papers national**

1. THOMPSON IOC. *Introduction to odontogenic tumours.* Oral Maxillo-facial Imaging Workshop. Cape Town, 2000.

**ORTODONSIE / ORTHODONTICS****Tydskrifartikels/Journal articles**

1. QUICK AN, HARRIS AMP. Molar distalization with a modified distal jet appliance. *Journal of Clinical Orthodontics* 2000; **34**(7): 419-423.

### **Doktoraal Iopend/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.

### **Magister Iopend/Master's current**

1. CARA S. *Effects of pre-microetching of new metal orthodontic brackets on bond strengths.* MChD Studieleier: Dr VP Joseph.
2. COMBRINK FJ. *Die dentale en skeletale veranderinge van groeiende Klas II gevalle wat behandel is met Klas II intermaksillêre traksie.* MChD Studieleier: Dr C Steyn.
3. KLEINLOOG A. *Digital imaging and 3-dimensional storage of dental models.* MSc TandheelkWet Studieleiers: Drr AMP Harris en VP Joseph.
4. PILLAY P. *Comparison of shear bond strengths of offset brackets vs edgewise brackets, using a commonly used luting cement (Fujiortho LC).* MChD Studieleier: Dr VP Joseph.

## **TANDHEELKUNDIGE PROSTETIEK / DENTAL PROSTHETICS**

### **Referate nasionaal/Papers national**

1. GEERTS GAVM. *The biofunctional prosthetic system.* South African Dental Association. Pinelands, 2000.
2. GEERTS GAVM. *Denture liners: dos and don'ts.* Skills Transfer Workshop, International Association for Dental Research. Bellville, 2000.
3. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage of four amalgam bonding agents.* The 34th Scientific Congress of the SA Division of the International Association of Dental Research. Cape Town, 2000.
4. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage, a real problem/amalgam bonding agents.* The 2nd Skills Transfer Workshop of the SA Division of the International Association for Dental Research. Cape Town, 2000.
5. OBERHOLZER TG, ROSSOUW RJ, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents.* The 34th Scientific Congress of the SA Division of the International Association for Dental Research. Cape Town, 2000.
6. PATEL N, MOODLEY D. *Evaluation of self-etching/self-priming dentine bonding agent.* The 34th Scientific Congress of the SA Division of the International Association for Dental Research. Cape Town, 2000.
7. PATEL N, ROSSOUW RJ. *The importance of shear bond strength.* 2nd Skills Transfer Workshop of the SA Division of the International Association for Dental Research. Cape Town, 2000.

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

### **Tydskrifartikels/Journal articles**

1. BASSON NJ. Competition for glucose between *Candida albicans* and oral bacteria grown in mixed culture in a chemostat. *Journal of Medical Microbiology* 2000; **49**: 969-975.
2. GROBLER SR, THEUNISSEN FS, KOTZE TJvW. The relation between lead concentrations in human dental tissues and in blood. *Archives of Oral Biology* 2000; **45**: 607-609.
3. MOODLEY D, GROBLER SR, ROSSOUW RJ, OBERHOLZER TG, PATEL N. In vitro evaluation of two adhesive systems used with compomer filling materials. *International Dental Journal* 2000; **50**(6): 400-406.

4. THOMPSON IOC, VAN DER BIJL P, VAN WYK CW, VAN WYK AD. Comparison of the permeability of vaginal mucosa and the wall of an experimental cyst developed from it. *South African Journal of Science* 2000; **96**: 385-386.
5. VAN DER BIJL P, DE BLOIS AMR, VAN WYK AD, THOMPSON IOC. Permeability of vaginal mucosa to water at normal and elevated temperatures. *South African Dental Journal* 2000; **55**: 206-210.
6. VAN DER BIJL P, PENKLER L, VAN EYK AD. Permeation of sumatriptan through human vaginal and buccal mucosa. *Headache* 2000; **40**: 137-141.
7. VAN WYK CW, FAUL K, STANDER I. Wat weet tandheelkundestudente aan die Universiteit van Stellenbosch van die opleiding en funksies van mondhygiëniste? *South African Dental Journal* 2000; **55**(3): 142-150.
8. VAN WYK CW, OLIVIER A, MARITZ JS. Cultured pulp fibroblasts: are they suitable for in vitro cytotoxicity testing? *Journal of Oral Pathology and Medicine* 2000; **29**: 168-177.

### Referate internasionaal/Papers international

1. GROBLER SR, WUCHER M, ROSSOUW RJ. *Shear bond strength, microleakage, laser confocal studies of amalgam/composite/compomer restoratives and clinical performance in human teeth*. Guest Speaker: ACUN-2 International Composite Conference. University of New South Wales, Sydney, Australia, 2000.
2. VAN WYK CW. *Oral lesions caused by habits*. 3rd Triennial Commonwealth Dental Association & 54th Indian Dental Association Congress. New Delhi, India, 2000.

### Referate nasionaal/Papers national

1. BASSON NJ. *Estimation of the growth parameters of candida albicans and oral bacterial species and their theoretical saturation curves for glucose*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
2. MOODLEY D, PATEL N, GROBLER SR. *Evaluation of self etching/self priming dentine bonding agent*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
3. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage of four amalgam bonding agents*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
4. ROSSOUW RJ, OBERHOLZER TG, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
5. SAAYMAN CM, GROBLER SR, ROSSOUW RJ, KOTZE TJvW. *Microleakage and the effect of saliva contamination on a compomer*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
6. STANDER I, VAN WYK CW. *Is a DMFS index always more sensitive than a DMFT index?* 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
7. VAN WYK CW, DE WAAL J, STANDER I, VAN WYK I. *The oral mucosa of areca nut chewers in South Africa*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
8. VAN WYK CW, VAN WYK I, STANDER I. *Dental health of pupils whose relatives work in canning factories*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.
9. VILJOEN K, VAN WYK CW. *Infection control in oral hygiene practice*. 34th Scientific Congress of the IADR (SA Division). Bellville, 2000.

### Doktoraal lopend/Doctoral current

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

### **Magister Iopend/Master's current**

1. ALBERTS T. *A laboratory study of amelogenesis imperfecta enamel*. MSc Studieleier: Prof SR Grobler.
2. FISHER JM. *A study to assess the change in the oral carriage of Candida species in patients at the Brooklyn Chest Hospital co-infected with HIV and TB, before and after antifungal therapy*. MSc Studieleier/medestudieleier: Dr NJ Basson/prof AW van Zyl.
3. HASSAN F. *In vivo evaluation of the antibacterial activities of chlorhexidine, calcium hydroxide and iodine/potassium iodide as intracanal medicaments*. MSc Studieleier/medestudieleier: Dr NJ Basson/prof NP Louw.
4. 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*. MSc Promotor: Prof SR Grobler.
5. WUCHER M. *A clinical evaluation of a compomer, a composite and a compomer/composite ("sandwich") in class II restorations*. MSc Studieleier: Prof SR Grobler.

**ALGEMEEN**

**GENERAL**



## AKADEMIESE ONTWIKKELINGSPROGRAMME / ACADEMIC DEVELOPMENT PROGRAMMES

### Tydskrifartikels/Research articles

1. SCHOEMAN A. Delectando et mondendo: an overview of some new school editions. *Scholia Reviews* 2000; **9**: 40.

## AKADEMIESE STEUNDIENSTE / ACADEMIC SUPPORT SERVICES

### Referate nasionaal/Papers national

1. BOTHA HL. *Access tests at the University of Stellenbosch: a process to widen access and ensure success*. National Conference, Access with Success. Bloemfontein, 2000.
2. BOTHA HL. *An ecosystemic approach to promote academic success at the University of Stellenbosch: the Alpha and Omega Programmes*. National Conference, Academic Development: Changes and Challenges. Grahamstown, 2000.

## SENTRUM VIR STUDENTEVOORLIGTING EN -ONTWIKKELING (SSVO) / CENTRE FOR STUDENT COUNSELLING AND DEVELOPMENT (CSCD)

### Tydskrifartikels/Journal articles

1. LOUW AD, MEYER JC, VAN SCHALKWYK DJ. A comparison of the job-satisfied and job-dissatisfied environmental health officers in South Africa. *Tydskrif vir Bedryfsielkunde* 2000; **26**(2): 27-31.

### Verrigtinge nasionaal/Papers national

1. BRAND HJ, SMITH LM. *Burnout Syndrome and South African psychologists*. Proceedings of the 21st Annual Conference of the Society for Student Counselling in Southern Africa (SSCSA). Durban, 2000; **1**: 82-94.

### Referate nasionaal/Papers national

1. BRAND HJ. *Developing a focus area for students with disabilities within the context of a centre for student counselling and development*. Congress of the Psychological Society of South Africa (PsySSA). Johannesburg, 2000.
2. CILLIERS CD. *Cognitive development for educational renaissance: fact or fantasy?* Southern African Branch of the International Association for Cognitive Education (IACESA). Stellenbosch, 2000.
3. CILLIERS CD, BRAND HJ. *Optimising academic performance: a South African university's quest for zero defect*. Congress of the Psychological Society of South Africa (PsySSA). Johannesburg, 2000.
4. LOUW AD. *Are our graduates/diplomates entering the job market equipped to develop their careers in the new millennium?* Annual Conference of the Society for Student Counselling in Southern Africa (SSCSA). Durban, 2000.



## Navorsingsverslag/Research report

1. SCHEEPERS D. *A developmental perspective to initiate, implement and manage a health promotion approach and holistic wellness model at the University of Stellenbosch: the role of the Centre for Student Counselling and Development (CSCD) as facilitating agent.* Sentrum vir Studentevoorsligting en –ontwikkeling, US, 2000. 126 pp.

## UNIVERSITEITSONDERWYS / UNIVERSITY EDUCATION

### Tydskrifartikels/Journal articles

1. VAN DER WALT C. The international comprehensibility of varieties of South African English. *World Englishes* 2000; **19**(2): 139-153.

### Verrigtinge internasionaal/Proceedings international

1. CILLIERS FJ. *An attempt to increase objectivity in oral examinations.* Abstracts of the Association for Medical Education in Europe (AMEE) Conference, Part 4. Linköping, Sweden, 1999; *Medical Teacher* 2000; **22**(4): 417.
2. CILLIERS FJ. *Identifying sources of faculty resistance to curricular change.* Abstracts of the Association for Medical Education in Europe (AMEE) Conference, Part 1. Linköping, Sweden, 1999; *Medical Teacher* 2000; **22**(1): 81.

### Referate internasionaal/Papers international

1. BODENSTEIN RH, TERBLANCHE NS. *Research Project Marketing 244. Assessing BETTER while assessing LESS FREQUENTLY in Business Management.* 8th International Improving Student Learning Symposium. Manchester, UK, 2000.
2. CILLIERS FJ. *Attitudes and knowledge of 4th and 5th year medical students regarding human immunodeficiency virus (HIV) infection.* 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.
3. MOOLMAN JA, CILLIERS FJ. *Characteristics of weak and strong achievers in a second-year medical and dental class.* 9th International Ottawa Conference on Medical Education. Cape Town, South Africa, 2000.
4. VAN DER MERWE AD. *Implementing WebCT at Stellenbosch University: the integrated approach.* The Second Annual WebCT International Conference. Athens, USA, 2000.
5. VAN DER MERWE AD. *The implementation of WebCT at the University of Stellenbosch.* Association Internationale Bible et Informatique: Sixth International Conference (A.I.B.I.-6). Stellenbosch, South Africa, 2000.

### Referate nasionaal/Papers national

1. BOTHA J. *Conceptions of quality and web-based learning.* Conference on Information Technology in Tertiary Education (CITTE 2000). Port Elizabeth, 2000.
2. BOTHA J. *Institutionalising the accountability dimension of QA within a developmental (support) context.* Conference on Academic Development: Changes and Challenges. Grahamstown, 2000.
3. VAN DER MERWE AD. *Creating a rich and flexible electronic learning environment: the implementation of WebCT (Web Course Tools) at the University of Stellenbosch.* Conference on Information Technology in Tertiary Education (CITTE 2000). Port Elizabeth, 2000.
4. VAN DER WALT C, MABULE R. *Covert prestige and code-switching practices in mathematics, science and biology classes.* Annual Conference of the South African Association of Applied Linguists (SAALA 2000). Stellenbosch, 2000.

**Navorsingsverslag/Research report**

1. BOTHA J. *Conceptions of quality. Contributions from the SAUVCA Quality Assurance Forum towards the founding perspectives of the HEQC*. South African Universities Vice Chancellors Association, 2000. 20 pp.