



**UNIVERSITEIT VAN STELLENBOSCH  
UNIVERSITY OF STELLENBOSCH**

# NAVORSINGSVERSLAG RESEARCH REPORT

## 2001

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## VOORWOORD

Die jaarlikse Navorsingsverslag bied 'n omvattende rekord van die navorsingsuitsette wat in die betrokke jaar aan die Universiteit 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 Universiteit se 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, sakeondernemings, 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.

Baie dankie aan die personeel van akademiese departemente wat behulpsaam was met die proeflees van daardie dele van die Navorsingsverslag wat op hulle eie bydraes betrekking het, asook aan die personelede van die Afdeling Navorsingsontwikkeling wat gemoeid was met die voorbereiding van hierdie verslag.

'n Spesiale woord van dank gaan aan me Lindie le Roux wat op bekwame wyse die tegniese versorging, uitleg en afronding van die verslag waargeneem het en ook sorg gedra het dat die vereistes ten opsigte van verspreiding nagekom is

JP Groenewald  
Senior Direkteur: Navorsing

Julie 2002

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## FOREWORD

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The annual Research Report presents a comprehensive record of the University's research outputs for that particular year. In addition to this overall survey of research at the institution as a whole, more focused perspectives are given in publications by individual faculties. Statistical perspectives on research output are presented in other publications of the University's 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.

Many thanks are due to the colleagues in academic departments 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.

A special vote of thanks is due to Ms Lindie le Roux for her expert handling of the final outlay and editing of the Report and who also ensured that the requirements pertaining to distribution were met.

JP Groenewald  
Senior Director: Research

July 2002

## 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 verstrekk; '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. DU TOIT PA. Gepaste toon as stylbeginsel: die implikasies van buitetalige konvensies vir polemiese briewe. *Suid-Afrikaanse Tydskrif vir Taalkunde* 2000; **39**: 1-14.
2. DU TOIT PA. Weggaan of bly? Die historiese tydbeleving van Rudolf Dreyer (FA Venter), Lucy Lurie (JM Coetzee) en Carla Hattingh (Karel Schoeman). *Stilet* 2001; **13**(1): 20-36.
3. DUNN P. "De geloofwaardigste berigten omtrent de Hollandsche Afrikanen en hunne republiek": Jacobus Stuart se representasie van die Transvaalse geskiedenis en sy emigrasieplan. *Tydskrif vir Nederlands en Afrikaans* 2001; **8**(1): 58-84.
4. FEINAUER I. Grammatiese verskuiwings tussen Afrikaans en Engels kan tot kommunikatiewe verskuiwings lei. *SA Tydskrif vir Taalkunde Supplement* 2000; **39**: 37-54.
5. FOSTER PH. 'n Pot "truffels en paardenstront". Die diskoers oor postmoderne poësie in die Nederlandse taalgebied. *Tydskrif vir Nederlands en Afrikaans* 2001; **8**(1): 85-114.
6. GOUWS RH. The use of an improved access structure in dictionaries. *Lexikos* 2001; **11**: 101-111.
7. HUIGEN S. Expedities vanuit Fort Lijdzaamheid: representasies van het binnenland van suidelijk Afrika door VOC-reizigers in de achttiende eeuw. *Tydskrif vir Nederlands en Afrikaans* 2001; **8**(1): 35-57.
8. HUIGEN S. Verhalen van Matsombo: Jef Geeraerts' beeld van de "Kongo-crisis" in Het verhaal van Matsombo. *Literator* 2001; **22**(1): 155-162.
9. LOURENS A. Medisynebiljette as instruktiewe tekste: riglyne vir 'n kwaliteitsondersoek. *Suid-Afrikaanse Tydskrif vir Taalkunde Supplement* 2000; **39**: 55-74.
10. MAVOUNGOU PA. Macro- and microstructural issues in Mazuna lexicography. *Lexikos* 2001; **11**: 122-138.
11. MÜLLER W. Kwantitatief en/of kwalitatief: die begronding van taaladvies? *Suid-Afrikaanse Tydskrif vir Taalkunde Supplement* 2000; **39**: 75-85.
12. ROBINSON R. Metapoësie as digterlike leesstrategie: *Journal of Literary Studies/Tydskrif vir Literatuurwetenskappe* 1999; **15**: 482-509.
13. SMUTS JP. Dramakroniek: Reza de Wet se oeuvre. *Tydskrif vir Geesteswetenskappe* 2001; **41**(3): 226-236.
14. SMUTS JP. Die rol van die resesent in die kommunikasieproses tussen skrywer en leser. *Suid-Afrikaanse Tydskrif vir Taalkunde Supplement* 2000; **39**: 120-158.
15. VAN DER MERWE GS. Enkele gedagtes oor die vertaling van idiomatiese verbindings. *Southern-African Linguistics and Applied Language Studies* 2001; **19**(1): 67-82.
16. VAN DER MERWE GS. 'n Perspektief op ironie in die hedendaagse Afrikaanse taalgebruik. *Literator* 2001; **22**(2): 91-112.
17. VILJOEN L. The contestation and renegotiation of gendered space in Afrikaans women's poetry. *Stilet* 2001; **3**(2): 52-65.
18. VILJOEN L. "A white fly on a sombre window pane". The construction of Africa and identity in Breyten Breytenbach's poetry. *Literator* 2001; **22**(2): 1-19.
19. WASSERMAN H. Bevryding en beklemming: postkoloniale distopie en identiteit in enkele resente Afrikaanse tekste. *Stilet* 2001; **13**(1): 69-87.
20. WASSERMAN H. Intercultural dialogue in recent Afrikaans literary texts: a discourse of identity. *Pretexts: Literary and Cultural Studies* 2001; **10**(1): 37-50.

**Verrigtinge internasionaal/Proceedings international**

1. GOUWS RH. *Enhancing the access structure of translation dictionaries*. ASIALEX 2001 Proceedings. Seoul, Suid-Korea, 2001: 77-87.

**Referate internasionaal/Papers international**

1. DU TOIT PA. *Tekskwaliteit: is aantreklikheid 'n sekondêre stylbeginsel?* Centrum en Marge: Vierde Internasionale Neerlandistiekongres van die Suid-Afrikaanse Vereniging vir Neerlandistiek. Dikololo, Suid-Afrika, 2001.

2. FEINAUER I. *TB or not TB? The communicative success of medical translation in South Africa*. Third International Congress of the European Society for Translation Studies. Copenhagen, Swede, 2001.
3. GOUWS RH. *Enhancing the access structure of translation dictionaries*. Second International Asialex Congress. Seoul, Korea, 2001.
4. GOUWS RH. *Equivalent relations, context and cotext in bilingual dictionaries*. Linguistic Symposium of the Aarhus Business School. Aarhus, Denemarke, 2001.
5. GOUWS RH. *The language situation in South Africa and the development of lexicography before 1994*. Seminar on languages and lexicography in South Africa. Göteborg, Swede, 2001.
6. GOUWS RH. *Putting theory to practice: the compilation of the Dictionary of Lexicography and Dictionary Research*. Sixth International Conference of Lexicography of the African Association for Lexicography. Pietersburg, South Africa, 2001.
7. HUIGEN S. *Representaties van het binnenland van suidelijk Afrika door VOC-reizigers in de achttiende eeuw*. Centrum & Marge: Vierde Internasionale Neerlandistiekkongres van die Suid-Afrikaanse Vereniging vir Neerlandistiek. Dikololo, Suid-Afrika, 2001.
8. PONELIS FA. *Nederlands as kultuurtaal in Suid-Afrika*. Centrum en Marge: Vierde Internasionale Neerlandistiekkongres van die Suid-Afrikaanse Vereniging vir Neerlandistiek. Dikololo, Suid-Afrika, 2001.
9. VAN DER MERWE GS. *Some aspects of the standardisation of modern Afrikaans*. Conference on the Standardisation of the Germanic languages. Sheffield, UK, 2001.
10. VAN NIEKERK M. *The Angel of Transcience and the Symmetry of Revenge: constructions of historical time in recent South African fiction*. Sixteenth International Conference of the International Comparative Literature Association. Pretoria, South Africa, 2001.
11. VAN NIEKERK M. *Digtters tussen twee wêrelde: Elisabeth Eybers en Ida Gerhardt*. Konferensie: Pinguïns en Pikkewyne. Leiden, Nederland, 2001.
12. VAN NIEKERK M. *Tendense in die Suid-Afrikaanse literatuur sedert 1994*. Wintertuin. Nijmegen en Arnhem, Nederland, 2001.
13. VAN ZYL DP. *Perspektiewe op base en klase in enkele Nederlandse en Afrikaanse kortverhale en romans*. Centrum en Marge: Vierde Internasionale Neerlandistiekkongres van die Suid-Afrikaanse Vereniging vir Neerlandistiek. Dikololo, Suid-Afrika, 2001.
14. VILJOEN L. *"Not a question of imagination, but of faith": Space and Identity in André Brink's 'n Oomblik in die wind (1975) and Kirby van der Merwe's Klapperhaar slaap nooit stil nie (1999)*. Annual Conference of the Society for the Study of Narrative Literature (SSNL). Houston, USA, 2001.
15. VILJOEN L. *Space and identity in Antjie Krog's Country of my Skull (1998) and Kleur kom nooit alleen nie (2000)*. 12th Triennial Conference of the Association of Commonwealth Literature and Language Studies (ACLALS). Canberra, Australië, 2001.

### Referate nasionaal/Papers national

1. GOUWS RH. *Specialised lexicography in South Africa: problems, challenges and opportunities*. African Association for Lexicography: Seminar on Terminology. Pietersburg, 2001.
2. GOUWS RH. *The way forward*. African Association for Lexicography: Seminar on Terminology. Pietersburg, 2001.
3. PONELIS FA. *Die taalekologie van 'n nuwe Afrikaanse Bybelvertaling*. Simposium oor Bybelvertaling van die Bybelgenootskap van Suid-Afrika. Kemptonpark, 2001.
4. VAN DER MERWE GS. *Leksikale vernuwing in Afrikaans*. Jaarkongres van die Suid-Afrikaanse Vereniging vir Taalonderrig. Bloemfontein, 2001.
5. VAN DER MERWE GS. *'n Vergelyking tussen Afrikaans en ander Germaanse tale wat standaardisering betref*. SAGUS Simposium. Stellenbosch, 2001.
6. VAN DER MERWE GS. *Woordspelings in hedendaagse kommunikasie*. Jaarkongres van die Linguistevereniging van Suider-Afrika. Bloemfontein, 2001.
7. VILJOEN L. *Die globale en die lokale in Breyten Breytenbach se "Dog Heart"*. SAVAL-Kongres. Potchefstroom, 2001.



### **Boeke/Books**

1. DE STADLER LG (red.). *Supplement 39. Suid-Afrikaanse Tydskrif vir Taalkunde*. 2000. 175 pp.

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

1. GOUWS RH. Der Einfluß der neueren Wörterbuchforschung auf einen lexikographischen Gesamtprozeß und den lexikographischen Herstellungsprozeß. In: Lehr A, et al., (reds.). *Sprache im Alltag*. De Gruyter, 2001: 521-531.
2. GOUWS RH. Lexicographic training: approaches and topics. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 58-94.
3. MABIKA MBOKOU L. Le rôle du dictionnaire dans le système éducatif. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 206-222.
4. MAVOUNGOU PA. La mondialisation et la lexicographie trilingue ou plurilingue au Gabon. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 160-183.
5. MIHINDOU G-R. Apports des missionnaires à la lexicographie gabonaises: dictionnaires bilingues Fang-Français/Français-Fang; Français-Yipounou/Yipounou-Français; Français-Mpongwé. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 7-37.
6. NYANGONE ASSAM B. La lexicographie dans l'apprentissage des langues gabonaises. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 187-205.
7. OTSAGA TA. Les dictionnaires bilingues dans les langues gabonaises: Approche méthodologique. In: Emejelu J du P, (ed.). *Elements de Lexicographie Gabonaise*. Jack Hillman Publishers, 2001: 137-159.
8. PONELIS FA . Hoe het die Afrikaanse spreektaal in die vroeë Namibië gelyk? In: Stals E, (red.). *So het Afrikaans na Namibië gekom*. Gamsberg Macmillan, 2001: 98-106.
9. PONELIS FA . 'n Verkenning van die Hollandse samelewing aan die Kaap. In: Carstens A, Grebe H, (reds.). *Taallandskap. Huldigingsbundel vir Christo van Rensburg*. Van Schaik, 2001: 112-123.

10. VILJOEN L. Revisiting the baobab: transforming space into place in Wilma Stockenström's "The Expedition to the Baobab Tree". In: Von Maltzan C, Wilson R, (eds). *Spaces and Crossings. Essays on Literature and Culture in Africa and Beyond*. Peter Lang, Frankfurt am Main, 2001: 161-175.
11. WASSERMAN H. Om hergeboorte te verbeel. In: Van Heerden E, (red.). *Briewe deur die lug. LitNet-skrywersberaad 2000*. Tafelberg, 2001: 297-308.

### Kreatiewe werke/Creative work

1. VAN NIEKERK M. Essay: "Klein vingeroefening rondom die nosie van hibriditeit". In: Van Heerden E, (red.). *Briewe deur die lug; Litnet skrywersberaad*. Tafelberg, 2001. 147-163. Die teks is in die vorm van 'n gedramatiseerde outobiografiese opstel wat die aanlê van 'n tuin dokumenteer en dit is 'n ernstig-speelse respons op die nosies van "heteroglossia" en "dialogisme" wat in 'n deskriptiewe en ook 'n normatiewe sin deur Bakhtin gebruik word in sy analyses van romans. Hierdie nosies verteenwoordig die verskynsel van hibriditeit in die konteks van talige kommunikasie. Die teks ondersoek die maniere waarop "ras" en "gender" en taal mense se interaksies struktureer in 'n Bolandse dorp, as spesifieke voorbeeld van een soort Suid-Afrikaanse werklikheid.
2. VAN NIEKERK M. Essay: "Hetta och historia nere I södern" (Heat and History down South). In: Lundström J-E, (red.). *Emergencia*. Bildmuseet Umeå Universitet, 2001: 157-178. Hierdie teks is wat die vorm betref soortgelyk aan bogenoemde, 'n selfrefleksie oor persoonlike ervarings, die keer rondom die ervaring van verhuising en sosiale (her-) integrasie, waarin 'n soort satiriese diagnose gestel word van sosiale praktyke van die hoër universiteitsmiddelklasse (wit intelligentsia) in die lig van die ideologiese twyfelagtige omstandighede wat sekere van die ontwikkelinge van die Universiteit van Stellenbosch in die verlede gekenmerk het en waarvan mense hulleself nou in 'n waan van politieke korrektheid wil distansieer. Die skrywer ondervra haar medepligtigheid aan die instandhouding van hierdie sosiale praktyke. Dat alle situasies in hierdie verhaal afspeel in somertemperature van bo die dertig grade en saamval met die finale emigrasie na Nederland van 'n mees intieme vertroueling en vakgenoot van die verteller, sorg vir 'n absurdistiese en melancholiese sfeer.

### Doktoraal afgehandel/Doctoral completed

1. CROUS MC. *Die diskoers van Antjie Krog se Lady Anne*. DLitt, 2001. 300 pp. Promotor: Prof L Viljoen.

### Magister afgehandel/Master's completed

1. MOKONE NS. *Macrostructural and microstructural strategies to enhance the reference quality of THANODI YA SETSWANA*. MPhil, 2001. 71 pp. Studieleier: Prof RH Gouws.
2. MPHAHLELE MC. *A model to achieve communicative equivalence in translation dictionaries*. MPhil, 2001. 113 pp. Studieleier: Prof RH Gouws.
3. SCHOEMAN R. *Skryf as terapie by twee vertellers uit 'n postkoloniale bestel. 'n Vergelykende studie van "Een vlek op de rug" deur J van de Walle en "Foxtrot van die vleiseters" deur Eben Venter*. MA cum laude, 2001. 110 pp. Studieleier: Dr DP van Zyl.
4. STARK M. *Die toegangstruktuur in Afrikaanse verklarende woordeboeke*. MA, 2001. 162 pp. Studieleier: Prof RH Gouws.
5. VICTOR M. *Die funksie van "landskap" binne Lettie Viljoen se roman "Landskap" met vroue en slang*. MA, 2001. 150 pp. Studieleier: Prof L Viljoen.

### Doktoraal lopend/Doctoral current

1. AFANE OTSAGA T. *The standard translation dictionary as an instrument in the standardization of Fang*. DLitt Promotor: Prof RH Gouws.
2. BEYER H. *'n Metaleksikografiese ondersoek na konteksleiding in Afrikaanse vertalende woordeboeke*. DLitt Promotor: Prof RH Gouws.
3. BEZUIDENHOUT Z. *Die invloed van vroue-emansipasie op laat twintigste-eeuse poësie deur vrouedigters in Nederlands en Afrikaans*. DLitt Promotor: Dr DP van Zyl.

4. BOTHA WF. *Die impak van die leksikografieteorie op die samestelling van die Woordeboek van die Afrikaanse taal*. DLitt Promotor: Prof RH Gouws.
5. BRAND JE. *Labelling in translation dictionaries*. DLitt Promotor: Prof RH Gouws.
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. MABIKA MBOKOU L. *A model for the macro- and microstructure of a Yipuno-French school dictionary*. DLitt Promotor: Prof RH Gouws.
9. MASKE J. *Die tekskwaliteit van Afrikaanse medisynevoubiljette: teksgerigte vs lesersgerigte ondersoek*. DLitt Promotor: Prof LG de Stadler.
10. MAVOUNGOU PA. *Metalexical criteria for the compilation of a trilingual dictionary: Yilumbu-Engliss-h-French*. DLitt Promotor: Prof RH Gouws.
11. MIHINDOU GR A *Theoretical model for a Yipuno-English-French explanatory dictionary of medical terms*. DLitt Promotor: Prof RH Gouws.
12. MÜLLER W. *Die passiefkonstruksie as stylveranderlike in verskillende bedryfsteksgenres*. DLitt Promotor: Prof LG de Stadler.
13. NYANGONE ASSAM B. *Dictionaries as language teaching instruments in mother tongue education: the case of Fang in Gabon*. DLitt Promotor: Prof RH Gouws.
14. RETIEF P. *Die konstruksie van die vroulike subjek in die oeuvres van enkele Afrikaanse vrouedigters sedert 1970*. DLitt Promotor: Prof L Viljoen.
15. VISAGIE A. *Manlike subjektiwiteit in die Afrikaanse prosa sedert die jare tagtig*. DLitt Promotor: Prof L Viljoen.
16. VOSLOO J. *Die manifestering van humor in tekste deur geselekteerde Afrikaanse kortverhaalskrywers*. DLitt Promotor: Dr DP van Zyl.

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

1. ADENDORFF E. *Die Afrikaanse poësisistiem in die tydperk 199-2000, met spesifieke verwysing na debuutbundels*. MA Studieleier: Dr PH Foster.
2. BEUKES D. *Die resepsie van Elisabeth Eybers se poësie*. MA Studieleier: Prof L Viljoen.
3. BRUWER N. *Die beeldvorming van slawe in enkele Afrikaanse en Nederlandse romans*. MA Studieleier: Dr DP van Zyl.
4. 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.
5. COLVELL MH. *The presentation of meaning in dictionaries for multicultural and multilingual societies*. MPhil Studieleier: Prof RH Gouws.
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7. VIVIERS DS. *A comparison between Plato and Zoroaster – aspects of the philosophy in the Timaeus and the Gathas*. MA cum laude, 2001. 209 pp. Studieleier: Prof J Cook.

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

1. BASSON A. *Godsbeelde in geselekteerde Bybels-Hebreeuse Klaagpsalms*. DPhil Promotor: Prof PA Kruger.
2. BOEKE JduP. *The poet as moralist: gnomic wisdom in Pindar*. DLitt Promotor: Prof JC Thom.
3. CHALICE LB. *Job 38:1-42:11 and 11QTg Job: a comparative study*. DLitt Promotor: Prof J Cook.
4. COETZEE AJ. *Urbanisation in Iron Age II Moab*. DPhil Promotor: Prof I Cornelius.
5. DALE LH. *The religious significance of the themes of animals and plants in early Zoroastrianism*. DPhil Promotor: Prof J Cook.
6. EVANS A. *The connection between Jewish, Hellenistic and Egyptian (Coptic) views on the functioning of angels between c250 BCE and c250 CE*. DPhil Promotor/medepromotor: Prof J Cook/prof JC Thom.
7. FLOOR S. *From topic, focus and information structure to theme in Biblical Hebrew narrative and poetry*. DLitt Promotor: Prof CHJ van der Merwe.
8. FOSTER S. *Communicating Covenant: the translation of 'bryt' into Lomwe in world view context*. DTh Promotor: Prof CHJ van der Merwe.
9. GERBER MH. *The role of the Hasidim in the build-up to the Maccabean wars*. DPhil Promotor: Prof J Cook.
10. GWALA M. *The reception of Gen 1-3 in Nguni culture*. DLitt Promotor: Prof I Cornelius.
11. KOTZÉ A. *The poetics of Augustine's Confessions*. DLitt Promotor: Prof JC Thom.
12. KOTZE Z. *Emosies en emosionele ekspressie in die Hebreeuse Bybel. [The expression of emotions in the Hebrew Bible.]* DPhil Promotor: Prof PA Kruger.
13. KRITZINGER EM. *Die apokaliptiese oorlog tussen goed en kwaad in Zoroastriese-, Qumran- en vroeg-Christelike geskrifte*. DPhil Promotor: Prof J Cook.
14. POHLIG J. *Prototypical speech figures. The translation of selected Old Testament prophets*. DLitt Promotor: Prof CHJ van der Merwe.
15. SWART L. *A stylistic comparison of selected visual representations on Egyptian funerary papyri of the 21st Dynasty and wooden funerary stelae of the 22nd Dynasty (c 1069-715 BCE)*. DPhil Promotor: Prof I Cornelius.
16. 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.
17. VAN STEENBERGEN GJ. *Semantics, world view and Bible translation: an integrated analysis of Hebrew lexical items referring to negative moral behaviour in the book of Isaiah*. DLitt Promotor: Prof CHJ van der Merwe.
18. 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. 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.
2. MBOKAZI JT. *The iconography of the family in ancient Egypt*. MA Studieleier: Prof I Cornelius.
3. MOLYNEAUX ME. *Political upheaval in early Judaism: the Hellenizers, the Hasidim and the Maccabean revolt*. MA Studieleier: Prof J Cook.
4. RHODES GC. *Magie en divinasie in Siro-Palestynse gemeenskappe. [Magic and divination in Syro-Palestinian societies.]* MA Studieleier: Prof PA Kruger.

5. ROBERTS JE. *The concept of God in Iamblichus and Augustine*. MA Studieleier: Prof JC Thom.
6. VAN ALTEN HH. *The aorist and imperfect tense in Acts*. MA Studieleier: Prof JC Thom.
7. 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.

## ARGELOGIE / 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

### Hoofstukke in boeke/Chapters in books

1. KLOPPER S. De Meester-van-de-kleine-handen: een Zuidoost-Afrikaanse beeldsnijder herontdekt. In: De Grunne B, (red.). *Masterhands. Afrikaanse Beeldhouwers in de Kijker*. Brussels: BBL, 2001: 249-259.

### Kreatiewe werke/Creative work

1. ALBOROUGH A. *Group exhibition – Homeport*. V&A Waterfront. 8 December 2001-15 January 2002. Cape Town, South Africa.
2. ALBOROUGH A. *Solo exhibition*. 2001 Standard Bank Young Artist exhibition. Johannesburg Stegmann Gallery / South African National Gallery / Standard Bank Gallery. 24 January-16 February / 6 March-8 April / 24 April-26 May 2001. Bloemfontein, Cape Town and Johannesburg, South Africa.
3. BOUMA P. *Alternative comic contribution*. Bitterkomix 11. Bitterkomix Pulp cc. June 2001. Stellenbosch, South Africa.
4. BRUNDRIT J. *Group exhibition – ABSA Atelier* (national competition). ABSA Gallery. 24 July-17 August 2001. Johannesburg, South Africa.
5. BRUNDRIT J. *Group exhibition – Apartheid and Today: Contemporary South African Art*. Kennesaw University Art Gallery. 18 January-24 February 2001. Atlanta, Georgia, USA.
6. BRUNDRIT J. *Group exhibition – Brainstorm*. Artscape. 16-30 September 2001. Cape Town, South Africa.
7. BRUNDRIT J. *Group exhibition – Homeport*. V&A Waterfront. 8 December 2001-15 January 2002. Cape Town, South Africa.
8. BRUNDRIT J. *Group exhibition – Lines of Sight*. Rencontres de la Photographie Africaine. 15 October-30 November 2001. Bamako, Mali.
9. BRUNDRIT J. *Group exhibition – Regards*. University Library of Angers. 3-29 November 2001. Angers, France.
10. BRUNDRIT J. *Group exhibition* (invited artist) – *Aubenades de la Photographie*. Annual Photographic Festival. 8 July-5 August 2001. Aubenas, France.
11. BULL K. *Print exchange – Print Exchange 2001*. Portfolio of 52 prints from the following participating institutions: Technikons Free State, Natal, Border, Port Elizabeth, Pretoria, Vaal Triangle, Witwatersrand, and the Universities of Free State, Rhodes, UCT (Michaelis), Natal (Pietermaritzburg), Pretoria and Stellenbosch. Convened by the Technikon Free State. November 2001.
12. BULL K. *Solo exhibition* (with Fritha Langerman). University of Stellenbosch Art Gallery. 23 May-20 June 2001. Stellenbosch, South Africa.

13. DIETRICH K. *Group exhibition – Pase*. (Title of work: “Physiognomical, erogenous and transformed identities”). The Dorp Street Gallery. 31 March-18 April 2001. Stellenbosch, South Africa.
14. DIETRICH K. *Group exhibition – Under the Southern Cross*. (Title of work: “How Mr Cornwallis Harris contributed to the Burger industry”). Chelsea Gallery. 4-22 December 2001. Cape Town, South Africa.
15. DIETRICH K. *Solo exhibition – Bodies, traces, identities*. The Open Window Art Gallery. 21 November-8 December 2001. Pretoria, South Africa.
16. SCHNEIDER C. *Group exhibition – Micromegas*. (150 Jahre Bayerische Kunstgewerbe-Verein München 1851-2001). Galerie für angewandte Kunst / American Craft Museum. 4 May-16 June / 12 September-October 2001. Munich, Germany and New York City, USA.
17. SCHNEIDER C. *Group exhibition – Von Wegen: Schmuck aus München*. Deutschen Goldschmiedehaus. (Gesellschaft für Goldschmiedekunst). 21 June-12 August. Hanau, Germany.
18. SCHNEIDER C. *Group exhibition*. Altes Schloß und Stadhalle / Galerie Alfred Knecht / Evangelischer Oberkirchenrat. 1-31 July / 4 August-1 September / 7 September-30 October 2001. Wehr and Karelruhe, Germany.
19. SCHNEIDER C. *Solo exhibition – Art Cologne*. (Participation in Cologne art fair). Gallery Rupert Walser (Munich). 30 October-4 November 2001. Cologne, Germany.
20. STEYN R. *Group exhibition – Icons and Jewels*. The Dorp Street Gallery. 1-31 December 2001. Stellenbosch, South Africa.
21. VAN DER MERWE V. *Solo exhibition – Old & New Works*. University of Stellenbosch Art Gallery. 6 December 2001-3 January 2002. Stellenbosch, South Africa.
22. VAN DER MERWE V. *Solo exhibition*. Takara Centre. (Curated and catalogue by Julia Meintjies). 1 April-30 November 2001. Stellenbosch, South Africa.
23. VAN NIEKERK P. *Groepstentoonstelling – Miniatures by Masters and Mavericks*. Suid-Afrikaanse Kunsvereniging, Bellville. 5 Desember 2001-12 Januarie 2002. Bellville, Suid-Afrika.
24. VAN NIEKERK P. *Groepstentoonstelling*. Amani-gallery. 1 Augustus-30 September 2002. Stellenbosch, Suid-Afrika.
25. VAN NIEKERK P. *Groepstentoonstelling*. Durbanville Kultuursentrum. 9-30 Mei 2001. Durbanville, Suid-Afrika.
26. VAN NIEKERK P. *Solo-tentoonstelling*. Rustenburg Wynlandgoed. 1 Julie-31 Oktober 2001. Stellenbosch, Suid-Afrika.

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

1. AUGUSTYN G. *Die grondbegrippe en vakfilosofie van juwelierswareontwerp as kunsvorm*. MA (BK) Studieleier/medestudieleier: Me E Gunter/mnr E Cassar.
2. BESTER L. *Measured space: the construction and deconstruction of visual space*. MA (BK) Studieleier: Mnr A Alborough.
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/prof K Dietrich.
5. DE KOCK C. *Teken, landskap en kennis: 'n ondersoek na die rol van teken in Suid-Afrikaanse kuns*. MA (BK) Studieleier/medestudieleier: Prof K Dietrich/mnr V van der Merwe.
6. EMSLIE A. *Word and image: the artist's book as a phenomenon of creative thinking*. MA (BK) Studieleier/medestudieleier: Prof S Klopper/prof K Dietrich.
7. FERREIRA R. *'n Ondersoek na en dekonstruksie van die taal (beeld en teks) vervat in die visuele narratief met spesiale verwysing na die komiekstripmedium*. MA (BK) Studieleier: Prof K Dietrich.

8. GRINDROD J. *Art and psychoanalysis: the unconscious explored through visual images*. MA (BK) Studieleier: Mnr V van der Merwe.
9. GROBLER P. *The influence of globalisation on style in picture book illustration*. MA (BK) Studieleier/medestudieleier: Prof K Dietrich/mev P Bouma.
10. GRUNER S. *Presence, absence and denial: an investigation of realism in animal imagery*. MA (BK) Studieleier: Prof K Dietrich.
11. HARLEY L. *Op weg na 'n kontemporêre Suid-Afrikaanse eko-estiek*. MA (BK) Studieleier/medestudieleier: Prof K Dietrich/mnr K van der Watt.
12. KADEN M. *Herinnering, geskiedenis, identiteit: 'n ondersoek na beeld en teks in mitopoësis*. MA (BK) Studieleier/medestudieleier: Prof K Dietrich/prof J Hattingh.
13. KEITH M. *Exploring the boundaries of womanhood*. MA (BK) Studieleier/medestudieleier: Me E Gunter/me J Groenewald.
14. KRIEGLER R. *Design, adornment and identity: South African jewellery design in the global market*. MA (BK) Studieleier/medestudieleier: Prof S Klopper/me C Terreblanche.
15. LIGTHART M. *The interaction between image and text in contemporary advertising in a poststructuralist society*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/mev P Bouma.
16. MURRAY JK. *Kuns en kunsmatigheid: 'n ondersoek rondom die moontlikheid van kuns as geïntegreerde aktieweteit van die alledaagse*. MA (BK) Studieleier: Mnr V van der Merwe.
17. SOUTHWOOD D. *Middelklas tydsgenote met soortgelyke sosiale en persoonlike ontmoetingspunte: Doreen Southwood in gesprek met Bridget Baker en Antionette Murdoch*. MA (BK) Studieleier: Mnr A Alborough.
18. STEYN R. *A study of the mother goddess archetype in traditional Indian jewellery and culture*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me C Terreblanche.
19. VAN NIEKERK P. *The virtue of images in the media and the role that glamour plays as a manipulative tool in visual communication*. MA (BK) Studieleier: Mnr V van der Merwe.
20. WOOD C. *Flesh for fantasy: representations of women for women in popular culture*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/prof K Dietrich.

## DRAMA / DRAMA

### Referate internasionaal/Papers international

1. NTSANE S. *Film in Africa today*. New Scholar's Panel, Annual Conference of the International Federation for Theatre Research. Sydney, Australië, 2001.

### Kreatiewe werke/Creative work

1. ADAMS A. *Hoofrol in "Honour thy Mother" deur Pieter Fourie*, vir Rooderant Produksies. Standard Bank Nasionale Kunstefees. Grahamstad, 2001.
2. ADAMS A. *Hoofrol in "Naelstring" deur Pieter Fourie*, vir Rooderant Produksies. Aardklop Kunstefees. Potchefstroom, 2001.
3. ADAMS A. *Speler in "Bek vol Tanne" van Jan Spies en Marie Kruger*. Aardklop Kunstefees. Potchefstroom, 2001.
4. ADAMS A. *Speler in "Rooikôppitjie" deur Saartjie Botha*. Opgevoer deur Spektrum Produksies by Spier Somer Fees. Stellenbosch, 2001.
5. ESTERHUIZEN J. *Waarom Stelitzias nie kan Vlieg nie*. Vertaling en verwerking van Geraldine Aron se teks *Why Sterelitzias Cannot Fly*, opgevoer. Stellenbosch, 2001.
6. HAUPTFLEISCH G. *"Honour thy Mother" deur Pieter Fourie*, vir Rooderant Produksies. Standard Bank Nasionale Kunstefees. Grahamstad, 2001.
7. HAUPTFLEISCH G. *Hoofrol in "Spanner" van Saartjie Botha*. Aardklop Kunstefees. Potchefstroom, 2001.
8. HAUPTFLEISCH G. *Medeskrywer van teks (met David Kramer en Jody Abrahams) en speler in "Die Ballade van Koos Sas"*. Klein Karoo Nasionale Kunstefees en Baxter Teater. Kaapstad, 2001.

9. HAUPTFLEISCH G. *Regie van "Naelstring" deur Pieter Fourie*, vir Rooderant Produksies. Aardklop Kunstefees. Potchefstroom, 2001.
10. KRUGER M. *Oorspronklike teks, ontwerp en regie van "Wally 107: vinnig leer met vet pret vir noodgevalle"*. 'n Opleidingsvideo met poppe vir laerskole, in opdrag van die Metropool, Kaapstad, 2001.
11. KRUGER M. *Teks-samestelling en regie van "Bek vol Tanne" van Jan Spies*. Opgevoer by Aardklop Kunstefees. Potchefstroom, 2001.
12. KRUGER M. *Teks-samestelling en regie van "Poppepret met Bosstories"*. YAP-Produksies se toer deur Vrystaat en Natal, 2001.
13. KRUGER M. *Teks-verwerking, lirieke, verhoogverwerking en konstruksie van toneelpoppe vir "Poppemanewales"*. Opgevoer by Ukkasie Fees. London, Engeland, 2001.
14. MARAIS E. *Grimering ontwerp en uitvoering vir "Ja-Nee Poësie"*. 'n TV gespreks-reeks deur Cloete Breytenbach produksies. Uitgesaai deur Kyknet, 2001.
15. MARAIS E. *Kostumering van "Café Boerlesque" van Pedro Kruger, Sarah Theron en Soli Philander*. Aardklop Kunstefees. Potchefstroom, 2001.
16. MARAIS E. *Kostumering van "Kabbo op die Ysterspoor"* vir Spektrum Produksies. Stellenbosch, 2001.
17. MARAIS E. *Kostumering van "Rooikôppitjie" deur Saartjie Botha*. Opgevoer deur Spektrum Produksies by Spier Somer Fees. Stellenbosch, 2001.
18. MARAIS E. *Kostumering van "Yerma van Lorca"* vir Spektrum Produksies, Aardklop Kunstefees. Potchefstroom, 2001.
19. MARAIS E. *Maak van poppe vir "Wally 107": vinnig leer met vet pret vir noodgevalle*. 'n Opleidingsvideo met poppe vir laerskole, in opdrag van die Metropool, Kaapstad, 2001.
20. OMOTOSO BA. *Teks vir "Yes and Know for the Freedom Chatter"*. HB Thom Teater, Stellenbosch, 2001.
21. PIENAAR S. *Teks en choreografie van "Day breaking in two" vir The Focal Joint*. HB Thom Teater, Stellenbosch, 2001.
22. ROSSOUW K. *Beligtingsontwerp van "Big Dada" van Brett Bailey*. Baxter Teater, Kaapstad, 2001.
23. ROSSOUW K. *Beligtingsontwerp van "Locked" onder regie van Ralph Lawson*. Nico Arena, 2001.
24. ROSSOUW K. *Beligtingsontwerp van "Panorama" onder choreografie van Piet Roggie*. Hooffeesaanbieding Klein Karoo Nasionale Kunstefees. Oudtshoorn, 2001.
25. ROSSOUW K. *Beligtingsontwerp van "Wyn" deur Jan Ellis*, Hooffeesaanbieding Klein Karoo Nasionale Kunstefees. Oudtshoorn, 2001.
26. ROSSOUW K. *Beligtingsontwerp van "Yerma" van Lorca* vir Spektrum Produksies, Aardklop Kunstefees. Potchefstroom, 2001.
27. ROSSOUW K. *Beligtingsontwerp van Macbeth (Shakespeare/Verdi)*. Hooffees Standard Bank Nasionale Kunstefees Grahamstad en Artscape Theatre. Kaapstad, 2001.

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

1. BOUWER J. *Deconstructing the body's presence in performance*. MDram, 2001. 120 pp. Studieleier: Me S Pienaar.

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

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.
3. PIENAAR S. *Rousing the gods: modern contemporary and avant garde dance in South Africa*. DPhil Promotor: Prof T Hauptfleisch.

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

1. ADAMS A. *Spraak vir die toneelspeler*. MDram Studieleier: Dr M Kruger.
2. BRAND A. *Die manifestasie van die konsep "gemeenskapsteater" in Suid-Afrika sedert 1994*. MDram Studieleier: Dr M Kruger.

3. DU PREEZ P. *Die dokumentasie van die opvoering. 'n Metodologiese ondersoek*. MDram Studieleier: Prof T Hauptfleisch.
4. ESTERHUIZEN J. *Towards a realignment of the theatre administration in the Western Cape – a theoretical-empirical study*. MDram Studieleier: Prof T Hauptfleisch.
5. HUISMANS A. *The emergence of the concept "performance" in the context of Western theories of modernism and postmodernism*. MDram Studieleiers: Prof T Hauptfleisch en prof L Viljoen.
6. JAMES E. *Indigenous performance traditions and the notion of theatre*. MDram Studieleier: Prof T Hauptfleisch.
7. JOUBERT A. *Fisieke teater: 'n empiries-teoretiese ondersoek*. MDram Studieleier: Me S Pienaar.
8. LOUBSER N. *Kreatiwiteit en die teksskrywer: 'n verkenning*. MDram Studieleier: Prof T Hauptfleisch.
9. NEETHLING M. *Cape curtains: a study of selected Cape Town theatres, 1843-1916*. MDram Studieleier: Prof T Hauptfleisch.
10. NTSANE S. *Filmmaking in Africa*. MDram Studieleier: Prof K Omotoso.
11. ROUSSOUW K. *Ontwerp in die teater: 'n teoreties-empiriese ondersoek*. MDram Studieleier: Prof T Hauptfleisch.
12. SENEKAL L. *Stelontwerp in die kontemporêre teater*. MDram Studieleier: Prof T Hauptfleisch.
13. VAN STADEN M. *Fisieke teater: 'n empiries-teoretiese ondersoek*. MDram Studieleier: Me S Pienaar.
14. VEZI NP. *Black playwriting in KwaZulu-Natal: a study of selected playwrights*. MDram Studieleier: Prof T Hauptfleisch.
15. WOOD M. *Teater in die opvoeding*. MDram Studieleier: Dr M Kruger.

## ENGELS / ENGLISH

### Tydskrifartikels/Journal articles

1. ALEXANDER R. The cloning of Joanna May: Reproductive Technologies, Motherhood, Identity. *Michigan Feminist Studies* 1998-1999; **13**: 41-61.
2. GAGIANO AH. "Sacred Geography" in Mazisi Kunene's poetry collection *The Ancestors and the Sacred Mountains* *Artsresearch* 2001; **3**: 21-34.
3. GAGIANO AH. Unmasking "African Machismo": Mphahlele's *Chirundu*. *English Studies in Africa* 2001; **44**(1): 31-44.
4. HALE F. The aetiology of an African-initiated church in Ogali A. Ogali's *The Juju Priest. Journal for the Study of Religion* 1999; **12**(1&2): 79-97.
5. HALE F. Captives of British imperialism? South African Baptists and the Second Anglo-Boer War, 1899-1902. *The Baptist Quarterly* 2001; **39**(1): 15-26.
6. HALE F. The Church of Sweden Mission and Apartheid, 1948-1960. *Missionalia* 2001; **29**(1): 21-42.
7. HALE F. Exploiting the Native American Renaissance: The Chief Red Fox Memoirs Hoax. *European Review of Native American Studies* 2001; **15**(1): 29-36.
8. HALE F. A nonconformist waging peace: the Foundations of Ramsden Balford's initiatives in the Second Anglo-Boer War. *Studia Historiae Ecclesiasticae* 2001; **27**(91): 96-112.
9. HALE F. Norwegian medical doctors in the Anglo-Boer War (1899-2901). *South African Journal of Cultural History* 2001; **15**(1): 85-98.
10. HALE F. Stuart Cloete's Construction of Voortrekker Religion in *Turning Wheels*. *Acta Theologica* 2001; **21**(1): 24-40.
11. HALE F. The "Swedish Sin" or Agrarian Population Policy? Per Olof Ekström's *Sommardansen*. *Scandinavica* 2001; **41**(2): 263-284.



12. SWART M. On canons and harlots: repositioning English. *The English Academy Review* 2000; 17: 65-73.

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

1. VILJOEN S. *Relocating literature – Africa and India*. 1998 Conference Proceedings: Literature and Literary Studies: India and Africa. English and African Literature Departments, University of the Witwatersrand, South Africa, 2001.

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

1. GAGIANO AH. *Racial animosity or racial reconciliation? Reflections on recent South African novels*. Association of Commonwealth Literature and Language Studies Triennial Conference on Resistance and Reconciliation: Writing in the Commonwealth. Canberra, Australia, 2001.
2. HEES EPH. *A semiotic analysis of a film adaptation of an Ambrose Bierce short story*. International Conference on Tale, Novella, Short Story: Currents in Short Fiction. Salzburg, Austria, 2001.

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

1. DISTILLER N. *The tyranny of Shakespeare's goodness*. Regional Conference of English Departments. University of Stellenbosch, 2001.
2. GAGIANO AH. *Memory, power and Bessie Head: a question of power*. Regional Conference of English Departments. University of Stellenbosch, 2001.
3. GAGIANO AH. *South African Novelists and the Grand Narrative of Apartheid*. Conference on The Languages of Remembering and Forgetting. University of the Western Cape, Bellville, 2001.
4. GAYLARD RPG. *Actors and interpreters: the paradoxical achievement of Njabulo Ndebele's "Fools and Other Stories"*. AUETSA Conference. University of the Witwatersrand, 2001.
5. GOODMAN R. *The Prospero factor: nostalgia, projection and utopia*. Conference of the Association of University English Teachers of Southern Africa. Johannesburg, 2001.
6. HENDERSON ACL. *Chaucer and the uses of poetry*. Conference on Chaucer: Poet of the People, UNISA Medieval Society. Pretoria, 2001.
7. HEYNS MW. *Call no man happy: perversity as plot principle in JM Coetzee's "Disgrace"*. Association of University English Teachers of Southern Africa. Johannesburg, 2001.
8. VILJOEN S. *Non-racialism remains a fiction: from Richard Rive's "Buckingham Place, District Six" to K Sello Duiker's "The Quiet of Dreams"*. University of the Witwatersrand History Workshop/WISER Conference on The Burden of Race? "Whiteness" and "Blackness" in Modern South Africa. Johannesburg, 2001.

### **Boeke/Books**

1. HALE F. *A Swedish pen against apartheid: the South African novels of Gunnar Helander*. African Renaissance Publishers, Cape Town, 2001. 437 pp.

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

1. DISTILLER N. "Philip's Phoenix"? Mary Sidney Herbert and the Identity of author. In: Pincombe M, (ed.). *The Anatomy of Tudor Literature*. Ashgate, 2001: 112-129.

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

1. APPOLLIS B, VILJOEN S. *"Buckingham Palace, District Six" – the play: an adaptation of Richard Rive's play/novel*. Produced at the Artscape Theatre, Cape Town. Directed by Basil Appolis, 2001.

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

1. HALE F. *Literary challenges to the heroic myth of the Voortrekkers: HP Lamont's "War, Wine and Women" and Stuart Cloete's "Turning Wheels"*. DLitt, 2001. 314 pp. Promotor: Dr EPH Hees.

**Magister afgehandel/Master's completed**

1. ELLIS J. *Patriarchal structures of control and female homosocial relationships in the novels of Charlotte Brontë*. MA, 2001. 212 pp. Studieleier: Me R Alexander.

**Doktoraal lopend/Doctoral current**

1. RAFAPA L. *The representation of African humanism in the narrative writings of Es'kia Mphahlele*. DLitt Promotor: Dr AH Gagiano.

**Magister lopend/Master's current**

1. BETTS L. *The influence of pregnancy on the construction of female identity*. MA Studieleier: Dr R Goodman.
2. BONTHUYS E. *Writing, reading ... reconciliation? The role of literature in the reconciliation process in South Africa*. MA Studieleier: Prof MW Heyns.
3. DU TOIT S. *Discourse and dialogue: an exploration of power relationships in selected Shakespeare plays*. MA Studieleier: Dr EPH Hees.
4. GAGIANO K. *Is that a gun in your pocket or are you just happy to see me?* MA Studieleiers: Mnr RP Gaylard en dr R Goodman.
5. GAVERA L. *Giving erotica a face: a study of erotic literature in the works of Anais Nin, Henry Miller and Erica Jong*. MA Studieleier: Dr S Nuttall.
6. KULENKAMPF J. *Women as the affirmative principle in selected Fugard plays*. MA Studieleier: Dr EPH Hees.
7. RADLOFF A. *The poetry of Tatamkhulu Afrika*. MA Studieleier: Dr AH Gagiano.
8. VAN DER MERWE S. *Bloodlines of travesty: the parodies of Oscar Wilde, James Joyce and Tom Stoppard*. MA Studieleiers: Prof MW Heyns en dr EPH Hees.
9. WELMAN J. *Morrison and Verg: novelistic perspectives on black women's lives*. MA Studieleier: Dr AH Gagiano.

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5. KOTZE B. Why metaphors have no meaning: considering metaphoric meaning in Davidson. *South African Journal of Philosophy* 2001; **20**(4): 290-307.
6. MALAN Y, CILLIERS P. Deconstruction and the difference between law and justice. *Stellenbosch Law Review* 2001; **12**(3): 439-449.
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8. RICHARDSON K, CILLIERS P, LISSACK M. Complexity science: a 'grey' science for the 'stuff in between'. *Emergence* 2001; **3**(2): 6-18.
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3. OLIVIER A. *Nietzsche and neurology*. 11th International Congress of the British Nietzsche Society on Nietzsche and Science. Cambridge, England, 2001.
4. VAN DER MERWE WL. *The grounds and limitations of "mosaic multiculturalism"*. Conference on "Dialogue among Civilizations: Crossing the Divides". The Unit for Policy Studies at the Centre for International Political Studies. Pretoria, South Africa, 2001.
5. VAN NIEKERK AA. *AIDS in (South) Africa: social and moral complexities*. Perspectives International Seminars, Brody Medical School, East Carolina University. Greenville, North Carolina, USA, 2001.
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7. VAN NIEKERK AA. *To clone or not to clone humans: sorting out the arguments*. Public Lecture, Higher Institute for Philosophy, Catholic University of Louvain. Louvain, Belgium, 2001.

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6. HATTINGH JP. *Religious fundamentalism and environmental ethics*. National Consultative Workshop, CSIR. Stellenbosch, 2001.

7. OLIVIER A. *Creative pain*. 27ste Jaarkongres van die Wysgerige Vereniging van Suider-Afrika. Durban, 2001.
8. VAN NIEKERK AA. *Current and ideal functions of research ethics committees*. Research Ethics Conference, Centre for Bioethics, University of Cape Town. Cape Town, 2001.
9. VAN NIEKERK AA. *Ethics and civil engineering*. CMP-Program van Wes-Kaapse Universiteit. Stellenbosch, 2001.
10. VAN NIEKERK AA. *Is it ethical to clone humans? Sorting out the arguments*. 27ste Jaarkongres van die Wysgerige Vereniging van Suider-Afrika. Durban, 2001.
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12. VAN NIEKERK AA. *Mediese etiek en chirurgie*. VPO Konferensie van Wes-Kaapse Chirurge. Parow, 2001.
13. VAN NIEKERK AA. *Our New South Africa: is there any reason to stay?* CSM and ICM Credit Conference. Riverside, Durban, 2001.
14. VAN NIEKERK AA. *Patient autonomy and terminal care*. Wes-Kaapse Konferensie van die SA Hospice Vereniging. Stellenbosch, 2001.
15. VAN NIEKERK AA. *Problems of medical ethics in current day South Africa*. Bestuurskonferensie van die Mediese Navorsingsraad. Bellville, 2001.

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1. FOUCHÉ HL. *Hermeneutiek en waarheid: 'n kritiese ondersoek na die sin van die Wirkungsgeschichte in die filosofiese hermeneutiek van Hans-Georg Gadamer*. DPhil, 2001. 309 pp. Promotor: Prof AA van Niekerk.

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2. ESSER J. *Who cares? Moral reflections on business in health care*. MPhil, 2001. 87 pp. Studieleier: Prof AA van Niekerk.
3. GCINUMKONTHO DF. *A critical and ethical assessment of the SA Termination of Pregnancy Bill*. MPhil, 2001. 70 pp. Studieleier: Prof AA van Niekerk.
4. JONKER C. *The self in the thought of Kierkegaard, Sartre and Jung*. MA cum laude, 2001. 224 pp. Studieleier: Prof WL van der Merwe.

5. KOTZE HB. *Two controversies: Davidson on metaphor and conceptual schemes*. MA cum laude, 2001. 88 pp. Studieleier: Prof WL van der Merwe.
6. MOKATI NPD. *The use of animals by African People (Blacks): an ethical perspective*. MPhil, 2001. 72 pp. Studieleier: Prof JP Hattingh.
7. MPUNTSHA LF. *Continuing professional development in medicine: the inherent values of the system for quality assurance in health care*. MPhil, 2001. 91 pp. Studieleier: Prof AA van Niekerk.
8. NTSIKE AL. *An African leadership paradigm: the missing link for productivity and empowerment – the case of Lesotho*. MPhil, 2001. 133 pp. Studieleier: Prof WL van der Merwe.
9. OKOLIE PN. *Suicide: a philosophical and ethical perspective*. MPhil, 2001. 85 pp. Studieleier: Prof AA van Niekerk.
10. PAUW C. *Two essays on the universal and particular dimensions of culture*. MA, 2001. 58 pp. Studieleier: Prof WL van der Merwe.
11. VERHOEF S. *Tegnologie en gestremdheid – filosofies-etiese perspektiewe*. MPhil cum laude, 2001. 88 pp. Studieleier: Prof AA van Niekerk.

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2. BURNS MER. *Co-evolutionary relationships between environmental ethics and environmental assessment*. DPhil Promotor/medepromotor: Prof JP Hattingh/prof LW Canter (University of Oklahoma).
3. CLOETE M. *Postmetaphysical versus postmodern thinking: a critical appraisal of Habermas' debate with postmodernism*. DPhil Promotor: Prof AA van Niekerk.
4. DODDS-TALJAARD ME. *The evolution of the systems paradigm in philosophy*. DPhil Promotor: Prof AA van Niekerk.
5. FOURIE H. *Developing a heuristic framework for understanding contemporary technology: a philosophical and sociology study*. DPhil Promotor/medepromotor: Prof JH Mouton/prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
6. JONKER C. *Imagination and interpretation in the hermeneutical phenomenology of Paul Ricoeur*. DPhil Promotor: Prof WL van der Merwe.
7. KNAPP VAN BOGAERT D. *Earth, air, fire, and water: moral responsibility and the problem of global drug resistance*. DPhil Promotor: Prof AA van Niekerk.
8. LONG SS. *The formulation of an environmental ethic for civil engineers in South Africa*. DPhil Promotor: Prof JP Hattingh.
9. MAHLATI MP. *Altruism and self-interest in medical practice: ethical perspectives on the South African situation*. DPhil Promotor: Prof AA van Niekerk.
10. MALAN YH. *Deconstruction and the ethics of resistance*. DPhil Promotor: Prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
11. MARSHALL AH. *The concept of a practical, global environmental ethics*. DPhil Promotor: Prof JP Hattingh.
12. MATADANDABUZO E. *HIV/AIDS a notifiable disease: socio-political and ethical perspectives*. DPhil Promotor: Prof AA van Niekerk.
13. McCREATH J. *The post-structural turn in linguistics and the interpretation of the "Best Interest of the Child" in South African custody cases*. DPhil Promotor/medepromotor: Prof LM du Plessis/prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
14. MOOMAL Z. *The reconcilability of historicity and objectivity as knowledge ideals*. DPhil Promotor: Prof AA van Niekerk.
15. NEVHUTALU HK. *Patients' rights in South Africa's public health system: moral-critical perspectives*. DPhil Promotor: Prof AA van Niekerk.
16. NGQUBA M. *The ethics of physician-assisted suicide*. DPhil Promotor: Prof AA van Niekerk.

17. OSBERG D. *Complexity and autodidacticism*. DPhil Promotor/medepromotor: Prof J Solomon/prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
18. PEACEY AH. *Foundations of public sector financial ethics mediation*. DPhil Promotor/medepromotor: Prof JP Hattingh/prof E Schwella.
19. SLABBERT NJ. *Technology, nature, culture: environmental concepts in the philosophy of John Dewey*. DPhil Promotor: Prof JP Hattingh.
20. TLHAPANE MS. *Principlism and AIDS: a study in applied ethics*. DPhil Promotor: Prof AA van Niekerk.
21. VAN BOGAERT L-J. *Abortion, sentience and moral standing. a neurophilosophical appraisal*. DPhil Promotor: Prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
22. VAN UDEN J. *Connected: a complex(ity) analysis of organisation*. DPhil Promotor/medepromotor: Prof H Kunnemans/prof FP Cilliers (Universiteit voor Humanistiek, Utrecht, Nederland).
23. WAGHID Y. *Community and democracy in South Africa: liberal versus communitarian perspectives*. DPhil Promotor: Prof AA van Niekerk.

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1. BADENHORST C. *On the ethics of hunting*. MA Studieleier: Prof JP Hattingh.
2. CEJNAROVA A. *Formal analogies in the description of complex and quantum*. MA Studieleier: Prof FP Cilliers.
3. CROUS L. *Etiese perspektiewe op nuwe geentegnologieë, met spesiale verwysing na die moontlikheid van die kloning van mense*. MA Studieleier: Prof AA van Niekerk.
4. DE BRUYN J. *A comparison of South Africa and Uganda's management and implementation of the national response to the HIV/AIDS pandemic*. MPhil Studieleier: Prof AA van Niekerk.
5. DE ROUBAIX JAM. *'n Postmoderne uitdaging aan die paradigmatiese biomediese etiek model' met verwysing na kompleksiteit teorie*. MPhil Studieleier: Prof FP Cilliers.
6. DE VILLIERS E. *Human dignity: right or responsibility?* MPhil Studieleier: Prof AA van Niekerk.
7. DE VILLIERS S. *Surrogate decision-making for the mentally ill: an ethical enquiry*. MPhil Studieleier: Prof AA van Niekerk.
8. DE VILLIERS T. *Complexity, post-structuralism and the subject*. MA Studieleier: Prof FP Cilliers.
9. ELS JPJ. *Normatiewe en kontingensie: 'n Godsdienstilosofiese toepassing van die denke van Richard Rorty*. MA Studieleier: Prof WL van der Merwe.
10. GOEDVOLK W. *Epistemologie versus hermeneutiek? 'n Kritiese analise van die epistemologie-kritiek van Richard Rorty*. MA Studieleier: Prof AA van Niekerk.
11. HOCH J. *Virtues versus the "Enlightenment Project": a critical appraisal of Alasdair MacIntyre's reclaiming of the Aristotelian tradition in moral theory*. MA Studieleier: Prof AA van Niekerk.
12. HUGO J. *Deleuze and memory*. MA Studieleier: Prof FP Cilliers.
13. KADEN M. *Herinnering, geskiedenis, identiteit: 'n ondersoek na beeld en teks in mitopoësis*. MA Studieleier/medestudieleier: Prof KH Dietrich/prof JP Hattingh.
14. MAZWAI L. *Informed consent and African culture*. MPhil Studieleier: Prof AA van Niekerk.
15. MOORE W. *Theodicee en analitiese filosofie*. MA Studieleier: Prof AA van Niekerk.
16. NAUDE P. *The use and management of the Olifants River System. An ethical perspective, with special focus on the Mpumalanga and Northern Province Lowveld region*. MPhil Studieleier: Prof JP Hattingh.
17. NICHOLLS G. *Personal rights*. MPhil Studieleier: Prof AA van Niekerk.
18. NIENABER A. *'n Kritiese analise van Zygmunt Baumann se idee van 'n postmoderne etiek*. MA Studieleier: Prof AA van Niekerk.
19. OLIVIER A. *Die etiek van verantwoordelikheid: 'n krities-filosofiese analise*. MA Studieleier: Prof AA van Niekerk.

20. RAUCH R. *Women's vulnerability to HIV/AIDS: ethical perspectives*. MPhil Studieleier: Prof AA van Niekerk.
21. REYNEKE J. *Omgewing en ontwikkeling: 'n filosofiese verkenning van 'n spannings-verhouding*. MA Studieleier: Prof JP Hattingh.
22. SELTZER A. *End-of-life decisions in the tradition of Jewish medical ethics*. MA Studieleier: Prof AA van Niekerk.
23. SMIT JP. *The truth about value and the value of truth*. MA Studieleier: Prof AA van Niekerk.
24. SWARTZ C. *Freedom and limits. Deconstruction and hierarchical systems*. MA Studieleier: Prof FP Cilliers.
25. THORBURN R. *The new company. Pre-emptive corporate ethics in a globalised business environment*. MA Studieleier: Prof JP Hattingh.

**GEOGRAFIE EN OMGEWINGSTUDIE**  
**(waarby ingesluit die Sentrum vir Geografiese Analise) /**  
**GEOGRAPHY AND ENVIRONMENTAL STUDIES**  
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4. WURZ S. *An archaeological perspective on ecotourism*. Poster presented at the Fourth Biennial International Conference of the Society of South African Geographers: Southern Africa 2001: A Space Odyssey". Rawsonville, 2001.

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1. ZIETSMAN HL. *Development profile: Stellenbosch Municipality*. Stellenbosch Municipality, Stellenbosch, 2001. 233 pp.
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2. DZIVHANI MA. *Land degradation in the Northern Province: physical manifestations and local perceptions*. MA, 2001. 70 pp. Studieleier: Mnr PJ Eloff.
3. JAMES A. *Die identifisering van ontwikkelings sensitiewe areas teen berghange: Stellenbosch en Hottentotshollandberge*. MA, 2001. 79 pp. Studieleier: Mnr A van Niekerk.
4. MITCHELL I. *An assessment of cumulative effects in strategic environmental assessment: a critical review of South African practice*. MA, 2001. 65 pp. Studieleier: Dr JH van der Merwe.
5. OPPERMAN JM. *Agriculture and the bio-physical environment: a GIS based inventory and analysis of the Western Cape*. MA, 2001. 83 pp. Studieleier: Prof HL Zietsman.



6. SCHONEGEVEL L. *Spatial modelling for decision making in alien invasive vegetation management*. MA, 2001. 59 pp. Studieleier: Mnr A van Niekerk.
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8. VAN DER WESTHUIZEN HPS. *Die ontwikkeling van 'n GIS-tegniek om visuele landskap te kwantifiseer*. MA, 2001. Studieleier: Mnr A van Niekerk.
9. VAN WYK FC. *Die Saldanha-baai Watergehalte Forum Trust: 'n instrument vir beplande, geïntegreerde monitering en bestuur van watergehalte*. MSc, 2001. 81 pp. Studieleier: Prof JH van der Merwe.
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### **Doktoraal lopend/Doctoral current**

1. DAVIDS AS. *The geography of public health services and disease in the Eastern Cape: implications for health systems reforms*. DPhil Promotor: Dr JH van der Merwe.
2. FRONEMAN CA. *Die rol van aftree-oorde binne die behuisingsstelsel vir bejaardes in groter Kaapstad: 'n stedelik-geografiese perspektief*. DPhil Promotor/medepromotor: Mnr MKR van Huyssteen/prof IJ van der Merwe.
3. SINSKE SA. *A spatial decision support system for maintenance management of municipal distribution systems*. PhD Promotor: Prof HL Zietsman.
4. VAN NIEKERK A. *Design and implementation of a spatial decision support system for potential conservation area identification in the Western Cape*. PhD Promotor: Dr JH van der Merwe.

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

1. AKINNUSI G. *Probability mapping of veld fire occurrence in the mountain regions of the South Western Cape*. MSc Studieleier/medestudieleier: Mnr BHA Schloms/prof HL Zietsman.
2. CHOMA MI. *Hazard-risk assessment and potential impact of total (industrial and municipal) cumulative waste and pollution generation on the South African Highveld*. MA Studieleier/medestudieleier: Dr JH van der Merwe/mnr BHA Schloms.
3. COMBRINCK AP. *Bepaling van weidingsdruk in 'n semi-ariëde gebied: Paulshoek gevallestudie*. MSc Studieleier: Prof HL Zietsman.
4. DAVIDS AJ. *Attacks on farms and smallholdings: GIS for crime prevention in the Stellenbosch District*. MA Studieleier: Prof HL Zietsman.
5. DU PREEZ C. *Parke as ruimtelike, sosiaal-ekologiese bate in die Bellville munisipale gebied*. MA Studieleier/medestudieleier: Mnr PJ Eloff/dr JH van der Merwe.
6. DU TOIT TF. *City improvement districts*. MA Studieleier: Dr PH de Necker.
7. FORD FY. *Development of a GIS for fire management by Cape Nature Conservation, RSA*. MA Studieleier: Mnr A van Niekerk.
8. GREENWOOD KC. *Sea-surface temperatures around the Southern African coast: aspects and applications*. MSc Studieleier/medestudieleier: Mnr BHA Schloms/dr M Gründlingh.
9. HOBSON AGC. *Using GIS to enhance spatial efficiency in rural school planning*. MA Studieleier: Prof HL Zietsman.
10. JANSE VAN RENSBURG HS. *Residential integration in post-apartheid Vredenburg*. MA Studieleier: Dr PH de Necker.
11. KUNNEKE MM. *Vestiging van gemeenskapsgedrewe geïntegreerde rivierbekkenbestuur: die Veldwachersrivier as gevallestudie*. MA Studieleier: Dr JH van der Merwe.
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13. MATOTI A. *Using geo-technology for assessing the groundwater resources within the Table Mountain group*. MA Studieleier: Mnr A van Niekerk.
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5. ESTERHUYSE EA. *Self-effektiwiteit as voorspeller van vigs-voorkomende gedrag by 'n groep hoërskoolleerlinge*. MA, 2001. 37 pp. Studieleier: Me WH Theron.
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8. HERBERT P. *'n Verkennende ondersoek na die selfkonsep van leerders met spesiale onderwysbehoefes*. MA, 2001. 178 pp. Studieleier: Dr JC Meyer.
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2. DE WET C. *Die verband tussen kontinuïteit van binding en kognitiewe selfskemas*. DPhil Promotor: Dr J Wait.
3. LOCKHAT MR. *Phenomenology of posttraumatic stress disorder in adolescents in the Western Cape*. DPhil Promotor: Prof AT Möller.
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7. MAY CE. *Factors affecting the career development of female technicon students: a causal model*. DPhil Promotor: Prof AV Naidoo.
8. PUTTERGILL CH. *Discourses on identity: an analysis of conversations on the social transformation of white South Africans*. DPhil Promotor/medepromotor: Prof S Bekker/prof AV Naidoo.
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10. VAN DER WESTHUIZEN LeR. *Significant others and the activation of interpersonal scripts*. DPhil Promotor: Prof AT Möller.
11. VAN LILL E. *Oplossingsgerigte terapie as intervensie-modaliteit vir die hipo-aktiewe seksuele versteuring*. DPhil Promotor: Dr AP Greeff.

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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. *Fears in a selected group of middle childhood South African children: a cross cultural study*. MSc Studieleier: Me H Loxton.
5. CALATA D. *Child sexual molestation in Transkei*. MA Studieleier: Dr J Wait.
6. CAMERON L. *The psychological impact of abortion on health care professionals*. MA Studieleier: Dr JJ Spangenberg.
7. DIPPENAAR H. *Dietary supplementation with eicosapentanoic acid in patients with schizophrenia: Neuropsychological evaluation of cognitive functioning*. MA Studieleier: Dr JJ Spangenberg.
8. ELBERS D. *Implicit association task as measure of threat-related information processing in social phobia and panic disorder*. MA Studieleier: Dr C Nortje.
9. GREEFF L-M. *'n Portuurgroep seksualiteitsopleidingsprogram vir universiteitstudente*. MA Studieleier: Dr E Lesch.
10. JORDAAN I. *Die verband tussen stres, streshantering en die uitbrandingsindroom in Suid-Afrikaanse professionele sielkundiges*. MSc Studieleier: Dr JJ Spangenberg.
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16. PIETERSEN M. *Prevalence, socio-demographic risk factors and consequences of exposure to violence among adolescents in the Macassar community*. MA Studieleier: Dr C Nortje.
17. SAHARIN V. *The effects of kangaroo care on mother's coping*. MA Studieleier: Dr J Wait.
18. 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.
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21. STORKEY K. *Exploring mothers' and daughters' constructions of sexuality*. MA Studieleier: Dr E Lesch.
22. SWART B. *Die verband tussen stadium van morele ontwikkeling en lokus van kontrole by verskillende groepe Afrikaanssprekende adolessente*. MA Studieleier: Dr. HJ Brand.
23. TRUTER BC. *Moral reasoning in post-adolescence on a conscious and unconscious level: a cross-cultural study*. MA Studieleier: Mnr HM de Vos.
24. TSHUME N. *The resilience of survivors of childhood sexual abuse*. MA Studieleier: Dr L-M Kruger.
25. VAN DER HEYDEN YHA. *Evaluation of a wilderness therapy intervention with inner-city street-dwelling youth: a narrative analysis*. MA Studieleier: Prof AV Naidoo.
26. VAN DER MERWE E. *Black women's experience of condom sex*. MA Studieleier: Dr E Lesch.

27. 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.
28. VAN WYK SB. *An assessment of risk and resilience factors operating in the Jamestown community*. MA Studieleier: Prof AV Naidoo.
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## SOSIOLOGIE / SOCIOLOGY

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2. DU TOIT A, EWERT J. *Myths of globalisation: private regulation and farm worker empowerment*. Conference on International Agricultural Trade and Rural Livelihoods. Somerset Wes, Suid-Afrika, 2001.
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2. BROADBRIDGE HT. *Negotiating post-apartheid boundaries and identities: an anthropological study of the creation of a Cape Town suburb*. DPhil, 2001. 294 pp. Promotor/medepromotor: Prof S Frankental (UCT)/prof SB Bekker.
3. GUMBI TAP. *Empowerment through capacity building: a key to rural development in KwaZulu-Natal*. DPhil, 2001. 311 pp. Promotor/medepromotor: Prof SB Bekker/prof CJ Groenewald.
4. ZAAIMAN SJ. *’n Sosiologiese konseptualisering en operasionalisering van gemeenskapsmag met besondere verwysing na die Suid-Afrikaanse konteks*. DPhil, 2001. 447 pp. Promotor: Prof CJ Groenewald.

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6. JACOBZ M. *Objectivity, power and interests: a sociological analysis*. MA, 2001. 117 pp. Studieleier: Prof J Mouton.
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12. FOURIE HS. *Developing a heuristic framework for understanding contemporary technology: a philosophical and sociological study*. DPhil Promotor: Prof J Mouton.
13. GAEDE RJ. *Validity in image-based research: a Delphi study*. DPhil Promotor: Prof J Mouton.
14. GILMOUR D. *Indicators of quality education: a case study of South African schools*. DPhil Promotor: Prof J Mouton.



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/medepromotor: Dr S Frankental/prof C Groenewald.
17. KUTAME AP. *Methodological of studying sensitive issues in education in the Northern Province of South Africa*. DPhil Promotor/medepromotor: Prof J Mouton/prof P Engelbrecht.
18. LIEBENBERG L. *Visual methods as qualitative research method (in South Africa)*. DPhil Studieleier/medestudieleier: Prof J Mouton/prof AG Smit.
19. MASIPA MD. *A framework for the evaluation of universities in South Africa: conceptual and methodological issues*. DPhil Promotor: Prof J Mouton/prof RH Stumpf.
20. MAVHUNGU KN. *Witchcraft and modernity: a comparative study in South Africa and Cameroon*. DPhil Promotor/medepromotor: Prof NV Ralushai/prof SB Bekker.
21. MDUNYELWA LM. *Local government transformation in the Cape Metropolitan Area: the role of public participation in service delivery*. DPhil Promotor/medepromotor: Prof SB Bekker/prof GS Cloete.
22. 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.
23. MOHOTO ST. *Strict upbringing and its influence on social values: a secondary analysis of the world values survey*. DPhil Studieleier/medestudieleier: Prof CJ Groenewald/prof J Mouton.
24. MOODLEY JMA. *Designing a monitoring and evaluation system to track the performance of educational programmes*. DPhil Promotor: Prof J Mouton.
25. MORTON LP. *The relevance of Inglehart's theory to understanding value change in South Africa*. DPhil Promotor/medepromotor : Prof J Mouton/prof HJ Kotzé.
26. MULLER N. *A cross-literacy sensory study of South African food products using external and internal preference mapping*. PhD Promotor/medepromotor: Prof H Heymann (Universiteit Missouri, Columbia)/prof CJ Groenewald.
27. MYBURG C. *Methodological issues in the assessment of efficacy: a study of two chiropractic paradigms*. DPhil Promotor: Prof J Mouton.
28. 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.
29. PUTTERGILL CH. *Discourses on Identity: an analysis of conversations on social transformation of White South Africans*. DPhil Promotor/medepromotor: Prof S Bekker/prof AV Naidoo.
30. RAUTENBACH EA. *'n Ondersoek na die konteks van huweliksgeweld*. DPhil Promotor: Prof CJ Groenewald.
31. 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 Westhuizen.
32. SELEOANE M. *Indigenous knowledge systems and social research: epistemological and methodological issues*. DPhil Promotor: Prof J Mouton.
33. STEENKAMP WC. *Teorie-gebaseerde programmevaluering in die ontwikkeling en evaluering van 'n alkoholvoorkomingprogram vir die werkplek*. DPhil Promotor: Prof J Mouton.
34. STEYN PS. *High risk sexual behaviour in adolescents: the development and validation of an information package*. DPhil Promotor/medepromotor: Prof J Mouton/prof S Green.
35. TEPPA AB. *"Whiteness" and social transformation in Ruyterwacht, Cape Town*. DPhil Promotor: Prof J Sharp.
36. VAN DER MERWE AD. *South African higher education in the 21st century: innovative strategies for teaching and learning*. DPhil Promotor/medepromotor: Prof J Mouton/prof AH Strydom.

37. VAN DER MERWE AP. *Undergraduate student throughput at the University of Stellenbosch: development of predictive models*. DPhil Promotor/medepromotor: Prof J Mouton/prof NJ le Roux.
38. VAN WYK AC. *Work ethic of distance higher education learners at Technikon SA: the influence of work ethic on learner success*. DPhil Promotor/medepromotor: Prof J Mouton/prof CJ Groenewald.
39. VILANCULO AB. *Understanding the nature of knowledge assets and the challenges it poses for knowledge management*. DPhil Promotor/medepromotor: Prof J Mouton/prof B Fouché.
40. WASSERMAN E. *Implementation evaluation as a dimension of the quality assurance of a new curriculum in medical education and training*. DPhil Promotor/medepromotors: Dr J Botha/proff J Mouton en W van der Merwe.

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

1. AFRICA ME. *Career opportunities for the youth in agriculture*. MPhil Studieleier: Prof CJ Groenewald.
2. BAM ST. *Public participation: a study on public participation in the Gauteng Provincial Legislature (GPL) with specific reference to the Petitions and Public Participation Standing Committee (PPPSC)*. MPhil Studieleier: Prof J Mouton.
3. BARNARD P. *Die rol van die navorsers as volkome deelnemer*. MPhil Studieleier: Prof J Mouton.
4. BOUWER AC. *Assessing the community needs of Zwelihle in Hermanus, by means of the focus-group interview method, applying a survey instrument, the Schutte scale*. MPhil Studieleier: Prof C Groenewald.
5. BRITZ AA. *Recent migration (after 1985) from the Eastern Cape into the Cape Metropolitan Area (CMA)*. MA Studieleier: Prof SB Bekker.
6. BUKULA MS. *Determinants of demand for youth labour by and supply of youth labour to small enterprises in the Gauteng Province*. MPhil Studieleiers: Dr AS Kritzinger en mnr JH Vorster.
7. BURGESS BC. *Household economic coping strategies in a global economy*. MPhil Studieleier: Dr J Ewert.
8. CAFFIN GMH. *An empirical analysis of the 1995 World Values Survey data set*. MA Studieleier: Prof J Mouton.
9. CARSTENS A. *Studying the subjective experience of CFS: dimensions of involvement and power with the research relationship*. MPhil Studieleier: Prof J Mouton.
10. CHEGO VN. *Sexuality education in the homes of rural black people in the Northern Province: combining qualitative and quantitative research methods*. MPhil Studieleier: Dr AS Kritzinger.
11. CLAASSENS MR. *Methodological problems with researching disability surveys in South Africa*. MPhil Studieleier: Prof J Mouton.
12. DANIELS PI. *Perceptions of sexual harassment in the South African military: a case study*. MPhil Studieleier: Prof AS Kritzinger.
13. DANIELS WJ. *Public understanding of science*. MPhil Studieleier: Prof J Mouton.
14. DAVIDSON M. *Arts development inisiative in KayaMandi*. MPhil Studieleier: Prof SB Bekker.
15. DLALI P. *Women in education in the rural areas of the Eastern Cape (former Transkei)*. MPhil Studieleier: Dr AS Kritzinger.
16. EKSTEEN A. *Families of choice: an ethnography of gay and lesbian parenting in the Western Cape*. MPhil Studieleiers: Dr AS Kritzinger en me B Pretorius.
17. GOLDSTONE M. *Pupil's understanding of technology*. MPhil Studieleier: Prof J Mouton.
18. GUBEVU QA. *The problems of data collection and analysis in South African historiography*. MPhil Studieleier: Prof J Mouton.
19. HUNTER M. *Postgraduate studies at the University of Stellenbosch: the use of survey methods in estimating students' perceptions*. MPhil Studieleier: Prof J Mouton.

20. KLEINBOOI KM. *Migration patterns in the Western Cape: a survey study of Coloured households on the move*. MPhil Studieleier: Prof SB Bekker.
21. KUBEKA A. *Black teenagers experience of ,and views on domestic violence and their attitudes towards gender relations: a qualitative investigation*. MPhil Studieleier: Dr AS Kritzinger.
22. KUSCHLICK AJ. *Injunctions to respect the privacy of research subjects and to inform them fully about the research permit no exceptions*. MPhil Studieleier: Prof J Mouton.
23. LAUGKSC D. *A survey in investigating why first-year UCT students choose science and engineering degrees*. MPhil Studieleier: Prof J Mouton.
24. LENNERT DB. *Panopticons: the non-aesthetic heritage of knowledge societies*. MPhil Studieleier: Prof J Mouton.
25. LOOTS C. *'n Studie van Innovasie by privaat en landgoedkelders in die Suid-Afrikaanse wynindustrie*. MPhil Studieleier: Dr J Ewert.
26. MAGAZI B. *Methodological issues in the study of African people's perceptions of infertility and reproductive technologies*. MPhil Studieleier: Prof J Mouton.
27. MANGENA LT. *Models of school discipline in education with specific reference to human rights and the protection thereof*. MPhil Studieleier: Prof J Mouton.
28. MARALACK BCT. *Public understanding of science*. MPhil Studieleier: Prof J Mouton.
29. MASE KM. *Doing case study research on local economic development in the Western Cape*. MPhil Studieleier: Prof CJ Groenewald.
30. MASEMOLA ST. *A methodological case study of the effects of school administration programmes on school effectiveness in the Northern Province*. MPhil Studieleier: Prof J Mouton.
31. MASHAMBA T. *The relationship between university research and communities in developing countries: a case study at the University of Venda*. MPhil Studieleier: Prof J Mouton.
32. MATSHIDZE PE. *The Universal Church of God in Thohoyandou*. MPhil Studieleier: Prof J Sharp.
33. MAVHUNGU NJ. *An analysis of participatory action research in domestic energy provision in South Africa*. MPhil Studieleier/medestudieleier: Prof CJ Groenewald/prof J Mouton.
34. MBOTO FN. *Pupil's understanding of technology: a case study in the Eastern Cape*. MPhil Studieleier: Prof J Mouton.
35. MCLEAN-ANDERSEN G. *Measuring research performance at technikons*. MPhil Studieleier: Prof J Mouton.
36. MFAKU N. *Black people's understanding of cancer: a comparison of qualitative and quantitative research methods*. MPhil Studieleier: Prof J Mouton.
37. MGWABA TH. *Combining interview and observational data in studying teachers' attitudes towards OBE*. MPhil Studieleier: Prof J Mouton.
38. MITCHELL SM. *Space and boundaries: social relationships in a middle income housing estate*. MPhil Studieleier: Prof J Sharp.
39. MODIBA AM. *The life history of of teenage mothers*. MPhil Studieleier: Dr AS Kritzinger.
40. MOGASHOA RS. *Evaluating Tech 2005 in the Northern Province*. MPhil Studieleier: Prof J Mouton.
41. MOKONE MB. *The role of the government on S & T development: a comparative study*. MPhil Studieleier: Prof J Mouton.
42. MONGWE R. *Marconi Beam to Jo Slovo Park: negotiating space for the urban poor*. MPhil Studieleier/medestudieleier: Prof S Robins (UWK)/prof SB Bekker.
43. MOOS AV. *Movement into and out of an informal settlement in Cape Town*. MPhil Studieleier: Prof J Sharp.
44. MPETSHENI YD. *Comparing qualitative and quantitative approaches in conducting a needs assessment study*. MPhil Studieleier: Prof J Mouton.
45. MPUTA CK. *The suitability of the survey method in assessing community needs*. MPhil Studieleier: Mnr J Vorster.
46. MYBURGH FO. *Differential utilisation of public transport in the Cape Metropolitan Area: a secondary data analysis*. MPhil Studieleier: Prof SB Bekker.

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47. OCTOBER H. *'n Navorsingstudie by die US tov homoseksualiteit onder die Stellenbosch student, stereotipering tov seksualiteit en aanpassingsprobleme met verwysing na sosiale interaksie in koshuise en op kampus.* MPhil Studieleier/medestudieleier: Prof A Kritzinger/mnr F van Aswegen.
  48. OOSTHUIZEN MJ. *Quality assessment of South African universities.* MPhil Studieleier: Prof J Mouton.
  49. 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.
  50. ROOPA S. *The structural and systemic changes necessary to make the North West Provincial Administration more effective and efficient.* MPhil Studieleier: Prof CJ Groenewald.
  51. ROSSOUW HM. *The utilisation of land in sustaining livelihoods: a study of rural communities in the Western Cape Province.* MA Studieleier: Prof CJ Groenewald.
  52. SAAYMAN LL. *A survey study of residents' support of a second household in the Cape Metropolitan Area (CMA).* MPhil Studieleier: Prof SB Bekker.
  53. SEABI MA. *The symbolic interactionist study of the mother-daughter dyad: towards reproductive self-determination.* MPhil Studieleier: Dr AS Kritzinger.

54. SEDUMEDI BK. *The location and relevance of managing dominant technological designs within the theoretical principles of scientific revolutions, and social construction of technology especially the actor-network approaches, particularly with respect to new product development.* MPhil Studieleier: Prof J Mouton.
55. SEUTLOADI KD. *Outcome evaluation of the transformation of the performing arts.* MPhil Studieleier: Prof J Mouton.
56. SIKHWARI NC. *A naturalistic evaluation of the implementation of housing support centres in the Northern Province.* MPhil Studieleier: Prof CJ Groenewald.
57. SMART A. *PAR as methodology for change in an institution: improving research output at Vista University, Welkom Campus.* MPhil Studieleier: Prof J Mouton.
58. 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.
59. SODI EE. *Reflections on the experiences of teenage motherhood.* MPhil Studieleier/medestudieleier: Prof AS Kritzinger/prof J Mouton.
60. VAN ASWEGEN WF *Die gebruik van afhanklikheidsvormende middels onder 'n geselekteerde groep hoërskoolleerlinge in die Stellenbosch-area.* MA Studieleier: Dr AS Kritzinger.
61. WILLIAMS MB. *The development of a science and technology policy for Lesotho.* MPhil Studieleier: Prof J Mouton.
62. XABENDLINI NR. *Identity from below: a case study in the Western Cape.* MPhil Studieleier: Prof SB Bekker.

<p style="text-align: center;"><b>NAVORSINGSEENHEID VIR EKSPERIMENTELE FONOLOGIE</b> / <b>RESEARCH UNIT FOR EXPERIMENTAL PHONOLOGY</b></p>
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2. ROUX JC. *HLT development in an African context: planning for the next decade in South Africa.* Proceedings of the Workshop on Human Language Technology and Knowledge Management, 39th Annual Meeting of the Association for Computational Linguistics. Toulouse, Frankryk, 2001: 25-32.
3. ROUX JC. *Zulu tonology and its relationship to other Nguni languages: a reply to Kisseberth and Cassimjee.* Proceedings of the Second International Symposium on Cross Linguistic Studies of Tonal Phenomena. Tokyo, Japan, 2001: 361-368.

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2. NIESLER TR, ROUX JC. *Natural language understanding in the DACST-AST dialog system.* Proceedings of the Twelfth Annual Symposium of the South African Pattern Recognition Association (PRASA). Franschoek, 2001: 134-137.

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3. ROUX JC. *Creating an infrastructure for HLT development in South Africa*. National Seminar of the Special Interest Group on Language and Speech Technology Development of the African Language Association of Southern Africa (ALASA). Pretoria, South Africa, 2001.
4. ROUX JC. *Phonetic realisations and tonological analyses*. International Workshop on Computational Description of Tone in African Languages. Helsinki, Finland, 2001.
5. ROUX JC, BOSCH SE. *The development of Human Language Technologies (HLT) in South Africa*. 2nd South African Conference on Human-Computer Interaction (HCI-2001). Pretoria, Suid-Afrika, 2001.
6. ROUX JC, JONES JJ. *Acoustic and perceptual qualities of queclaratives in Xhosa*. 11th Interational Biennial Conference of the African Language Association of Southern Africa. Port Elizabeth, 2001.
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## SENTRUM VIR KENNISDINAMIKA EN BESLUITNEMING / CENTRE FOR KNOWLEDGE DYNAMICS AND DECISIONS

### Tydskrifartikels/Journal articles

1. LATEGAN BC. Preparing and keeping the mind-set in tact: reasons and forms of a theology of the status quo. *Scriptura* 2001; **76**(1): 63-75.
2. VAN BEEK U. Poland and the origins of the Cold War. *Slavic Almanach* 2001; **7**(10): 252-261.

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2. LATEGAN BC. *Newer developments in history and historiography*. International Hermeneutics Conference. Prague, Czech Republic, 2001.
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1. BAIN K, HAUPTFLEISCH T. Playing the changes. Thoughts on the restructuring of the theatrical system and the arts industry in South Africa after apartheid. *South African Theatre Journal* 2001; **15**: 8-24.
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2. OMOTOSO BA. *Greco-Roman Classical aesthetics, Western Christian humanism and African modernism*. Stigtingskongres van die Italian Society for Post-Colonial Literatures. Venesië, Italië, 2001.
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**FAKULTEIT NATUURWETENSCHAPPE**

**FACULTY OF SCIENCE**



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

1. BELLSTEDT DU, LINDER HP, HARLEY EH. Phylogenetic relationships in *Disa* based on non-coding *trnI-trnF* chloroplast sequences: evidence of numerous repeat regions. *American Journal of Botany* 2001; **88**(11): 2088-2100.
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5. HAPGOOD JP, RIEDEMANN J, SCHERER SD. Regulation of gene expression by GC-rich DNA *cis*-elements. *Cell Biology International* 2001; **25**(1): 17-31.
6. HOFMEYR J-HS, WESTERHOFF HV. Building the Cellular Puzzle. Control in multi-level reaction networks. *Journal of Theoretical Biology* 2001; **208**: 261-285.
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. Sequence specific stabilization of a linear analog of the antifungal lipopeptide iturin A<sub>2</sub> by sodium during low energy electrospray ionization mass spectrometry conditions. *Journal of the American Society for Mass Spectrometry (Focus: Metal-Ion Interactions)* 2001; **12**: 505-516.
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1. HOFMEYR J-HS. *Metabolic control analysis in a nutshell*. Proceedings of the Second International Conference on Systems Biology, California Institute of Technology, Pasadena, California, USA, 2001: 291-300.
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2. ALLIE Z, SWART P, JACOBS EP. *Separation of trypsin inhibitor from soymilk by affinity-based membrane filtration*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.
3. ALLIE F, VAN DEN BERGHE W, HAEGEMAN G, HAPGOOD JP, LOUW A. *The regulation of corticosteroid binding globulin (CBG) gene expression by glucocorticoids*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.
4. ALLIE F, VAN DEN BERGHE W, HAEGEMAN G, HAPGOOD JP, LOUW A. *The regulation of corticosteroid binding globulin (CBG) gene expression by a putative and an established contraceptive*. EMBO Workshop on "Nuclear Receptors Structure and Function". Erice, Sicily, Italy, 2001.
5. BAILEY DO, ROHWER JM. *An experimental system for applying metabolic control and regulation analysis to the study of serine biosynthesis in Escherichia coli*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.
6. BROWN N, SWART AC, FENHALLS G, STEVENS L, SWART P. *Characterization of Cape Baboon CYP11B1*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.
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9. GOVENDER S, SWART P, JACOBS EP. *Adsorption of pluronic-F108 onto membranes for affinity separation*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.

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11. HOFMEYER J-HS. *Metabolic control analysis: a tool for understanding cellular behaviour, control and regulation*. Session Speaker at the 2nd International Conference on Systems Biology, "The Future of Biology in the 21st Century". California Institute of Technology, USA, 2001.
12. HOFMEYER J-HS. *Regulatory design and function in metabolism*. Speaker at the Biochemical and Physiological Society Meeting. University of York, UK, 2001.
13. KOLAR NW, SWART P. *Cloning and heterologous expression of aromatase for the study of expression in breast cancer tissue*. IUBMB/SASBMB Special Meeting on the Biochemical and Molecular Basis of Disease. Cape Town, South Africa, 2001.
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3. BELLSTEDT DU, REEVES G. *Plant molecular systematics as an enabling technology in biotechnology*. Cape Biotech Conference. Kirstenbosch, Cape Town, 2001.
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5. DOMINGO GS, JACOBS EP, SWART P. *Characterisation of foulants present in effluents emanating from the Piet Retief Mondi Kraft paper mill*. 4th WISA-MTD Symposium, Membranes: Science & Engineering. Stellenbosch, 2001.
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1. APPEL M. *Cloning and identification of genes involved in the interaction between the bacterial stone fruit pathogen Pseudomonas syringae pv. syringae strain NV and plum trees*. PhD, 2001. 198 pp. Promotor: Prof DU Bellstedt.
2. DE ASCENSAO A. *Cloning and characterisation of the polygalacturonase inhibiting protein (PGIP) gene from grapevine*. PhD, 2001. 136 pp. Promotors: Prof IS Pretorius, prof DU Bellstedt en dr MA Viviers.

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2. RIEDEMANN J. *Functional analysis and recombinant expression of a sea orchin G-string binding factor*. MSc, 2001. 171 pp. Studieleier: Prof JP Hapgood.
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### **Doktoraal lopend/Doctoral current**

1. ALLIE F. *The influence of biologically active compounds isolated from S. tuberculatiformis on hepatic corticosteroid binding and sec hormone binding globulin synthesis*. 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. BOTES (née BLIGNAUT) A. *The development of optimal vaccination procedures against Newcastle Disease virus in ostriches*. PhD Promotor: Prof DU Bellstedt.
4. BOTHMA LF. *The isolation and investigation of natural products from the shrub Salsola tuberculatifomis Botsch. that influence steroid hormone action*. PhD Promotor: Dr AC Swart.
5. BROWN N. *The characterization of baboon cytochrome P450 11B hydroxylase*. PhD Promotor: Prof P Swart.
6. BYTEBIER BLG. *Molecular and morphometric systematic studies on African terrestrial Orchidaceae, focussing on Subfamily Orchidoideae, Tribe Diseae*. PhD Promotor: Prof DU Bellstedt.
7. DOWNING TG. *Modelling dynamic and steady-state phenomena in mixed cultures of heterotrophic/autotrophic micro-organisms*. PhD Promotor: Prof J-HS Hofmeyr.
8. GEY VAN PITTIUS MH. *Methods for determination of the uptake of herbicides in Vitis vinifera*. PhD Promotor: Prof P Swart.

9. GOVENDER S. *Development and characterisation of a membrane based affinity separation technique using pluronic tri-block co-polymers*. PhD (opgradeer van MSc) Promotor: Prof P Swart.
10. KLINKRADT SH. *Strategies for the biotechnological manipulation of intracellular concentrations of metabolites*. PhD Promotor: Prof J-HS Hofmeyr.
11. KOHN TA. *Heterogeneity of oxidative capacity in muscle of elite athletes related to type I and IIA fibres*. PhD Promotor/medepromotor: Prof KH Myburgh/dr M Rautenbach.
12. KOLAR N. *The isolation and purification of cytochrome P450-c17 (human) in Pichia pastoris*. PhD Promotor: Prof P Swart.
13. KOUBOVEC DJBM. *An investigation into the molecular mechanism of regulation of gene expression by the contraceptive medroxyprogesterone acetate (MPA)*. MSc Promotor: Prof JP Hapgood.
14. LOMBARD N. *The isolation and characterization of ovine liver cytochrome b<sub>5</sub>*. PhD Promotor: Prof P Swart.
15. NAIDOO N. *Supramolecular chemistry of novel synthetic biomolecular assemblies*. PhD Promotors: Prof IS Pretorius en dr M Rautenbach.
16. OLIVIER BG. *A multilevel approach to the design and understanding of complex metabolic systems*. PhD Promotor/medepromotor: Prof J-HS Hofmeyr/dr J Rohwer.
17. RAMNATH MH. *Molecular analysis of 054 dependent resistance mechanisms to type IIa bacteriocins in Listeria monocytogenes*. PhD Promotors: Dr M Rautenbach en prof J Hastings.
18. SADIE H. *The role of nuclear receptors in gene regulation in the pituitary*. PhD Promotor: Prof JP Hapgood.
19. VADYVALOO V. *Analysis of 054 independent factors associated with resistance to type II bacteriocins in Listeria monocytogenes*. PhD Promotors: Dr M Rautenbach en prof J Hastings.
20. VAN BILJON W. *Cloning of a novel receptor for the gonadotropin-releasing hormone (GnRH) in humans*. PhD Promotor: Prof JP Hapgood.
21. 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. BAILEY DO. *Control and regulation analysis of serine biosynthesis in Escherichia coli*. MSc Studieleier: Dr JM Rohwer.
3. 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.
4. GENADE T. *Control analysis of baboon adrenal steroidogenesis*. MSc Studieleier: Prof P Swart.
5. HOLROYD DL. *Analysis of the interaction of antimicrobial peptides with specific target-membranes*. MSc Studieleier: Dr M Rautenbach.
6. KROUKAMP M. *Control and regulation analysis of the supply and demand of energy metabolism in yeast*. MSc Studieleier: Dr JM Rohwer.
7. LIEBENBERG LE. *Using Avidin-biotin and membrane technology for the development of an affinity chromatography system*. MSc Studieleier: Prof P Swart.
8. LOMBARD PJ. *A biochemical study of budbreak and plant growth regulators in table grapes*. MSc Studieleier: Prof DU Bellstedt.
9. MALHERBE CJ. *Control analysis of mixed populations of Saccharomyces cerevisiae and Acetobacter aceti*. MSc Studieleier: Prof JL Snoep.
10. PATIENCE T. *Sequence analysis of a Cowdria ruminantium lambdaGEM-11 clone*. MSc Studieleier: Prof DU Bellstedt.
11. RICHFIELD D. *Biologically active compounds in soy and Cape herbal teas*. MSc Studieleier: Prof P Swart.

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13. STRAUSS JA. *Die vervaardiging van diagnostiese toetsstelle vir die opsporing van die boontjie patogene, Xanthomonas axonopodis pv. phaseoli, Pseudomonas syringae pv. phaseolicola en Pseudomonas syringae pv. syringae*. MSc Studieleier: Prof DU Bellstedt.
14. TANNER TM. *The regulation of POMC gene expression by glucocorticoids, compound A and an established contraceptive*. MSc Studieleier: Prof JP Hapgood.
15. VLOK NM. *The role of naturally produced cyclic peptides in the host defence of Bacillus subtilis and Bacillus brevis*. MSc Studieleier: Dr M Rautenbach.

**BOTANIE**  
**(waarby ingesluit die Instituut vir Plantbiotegnologie) /**  
**BOTANY**  
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**Tydskrifartikels/Journal articles**

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2. BOTHA FC. Struikelblokke in die weg van die benutting van genetiese manipulering vir die verbetering van druiwe. *Wynboer Tegnies* 1999: 54-56.
3. COMBRINK NJJ, AGENBAG GA, LANGENHOVEN P, JACOBS G, MARAIS EM. Anatomical and compositional changes during fruit development of 'Galia' melons. *South African Journal of Plant and Soil* 2001; **18**(1): 7-14.
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6. ECCLES NS, LAMONT B, ESLER KJ, LAMONT H. Relative performance of clumped vs experimentally isolated plants in a South African winter-rainfall desert community. *Plant Ecology* 2001; **155**: 219-227.
7. ESLER KJ. Obituary – Francois van der Heyden (1962-2000). *African Journal of Range and Forage Science* 2001; **17**: 1.
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14. ROHWER JM, BOTHA FC. Analysis of sucrose accumulation in the sugarcane culm on the basis of *in vitro* kinetic data. *Biochemical Journal* 2001; **358**: 437-445.
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22. VAN DER MERWE AM, MARAIS EM. A new species of *Polyxena* (*Hyacinthaceae*, tribe *Massonieae*) from Komsberg, Northern Cape Province. *South African Journal of Botany* 2001; **67**(1): 44-46.
23. VENTER M, BURGER AL, BOTHA FC. Identification of genes differentially expressed during berry ripening in *Vitis vinifera* cv. Chardonnay. *Vitis* 2001; **40**(4): 191-196.
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1. BOTHA FC, ROHWER J. *Kinetic modelling of sucrose metabolism: a powerful predictive tool for genetic manipulation of sugar content in sugarcane*. Proceedings of the South African Sugar Technologists' Association. Durban, 2001; **75**: 99-100.
2. BOTHA FC, SAWYER BJB, BIRCH RG. *Sucrose metabolism in the culm of transgenic sugarcane with reduced soluble acid invertase activity*. 24th International Society of Sugar Cane Technologists Congress. Brisbane, Australia, 2001; **24**: 588-591.
3. CARSON DL, HUCKETT BI, BOTHA FC. *Genomics research at SASEX: perspectives from a small-scale program*. 24th International Society of Sugar Cane Technologists Congress. Brisbane, Australia, 2001; **24**: 539-541.
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1. CARSON DL, HUCKETT BI, BOTHA FC. *The identification of genes preferentially expressed in the sugarcane culm is facilitated through the use of cDNA subtraction*. International Consortium for Sugarcane Biotechnology Workshop, Plant and Animal Genome IX. San Diego, USA, 2001.
2. CARSON DL, HUCKETT BI, BOTHA FC. *The usefulness of cDNA macroarrays for the identification of differentially expressed genes in sugarcane*. International Consortium for Sugarcane Biotechnology Workshop, Plant and Animal Genome IX. San Diego, USA, 2001.
3. CRAMER MD, MILLER AJ. *How dissolved inorganic carbon influences n uptake*. 6th International Symposium on Inorganic Nitrogen assimilation. Reims, France, 2001.



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2. CHENEY C, ESLER KJ, MILTON S, LE ROUX A. *Management for biodiversity in Strandveld vegetation: Rocherpan.* Arid Zone Forum. Calitzdorp, 2001.
3. CILLIERS C, ESLER KJ, BOUCHER C. Effects of invasive exotic plants and fire on soil seed banks and regeneration. Fynbos Forum. Calitzdorp, 2001.
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5. DE VILLIERS MJ, MARAIS EM, DREYER LL. *Anatomical and epidermal leaf characteristics of potential taxonomic importance in the genus Oxalis l. (Oxalidaceae)*. 27th Annual Congress of the South African Association of Botanists. Rand Afrikaans University, 2001.
6. LOUBSER J, GROENEWALD J-H, VIVIERS MA, BOTHA FC. *The optimisation of Agrobacterium-mediated transformation of grapevine (Vitis vinifera)*. 27th Annual Conference of the South African Association of Botanists. RAU, 2001.
7. ROGBEER O, BOTHA FC. *Isolation of stem-specific promoters from sugarcane at different developmental stages*. 27th Annual Conference of the South African Association of Botanists. RAU, 2001.
8. VAN ROOYEN M, VALENTINE AJ, ARCHER E. *The effect of arbuscular mycorrhizal inoculation in the photosynthetic water and nutrient use induced by transplantation shock in grapevine*. 25th Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 2001.
9. VAN ROOYEN M, VALENTINE AJ, ARCHER E. *Mikorisa: 'n teenfoeter vir oorplantingskrok by wingerd*. 25th Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 2001.
10. VENTER M, BURGER AL, BOTHA FC. *Identification and analysis of differentially expressed sequences in Vitis vinifera cv. Chardonnay*. 27th Annual Conference of the South African Association of Botanists. RAU, 2001.
11. WARD CL, VALENTINE AJ. *Do phosphate-deficient respiratory bypasses enable plant roots to adapt to Al<sup>3+</sup> toxicity?* 27th Annual Congress of the South African Association of Botanists. Rand Afrikaans University, 2001.
12. ZWIEGELAAR C, BOTHA FC. *The study of gene expression on cellular level in grape berries*. 27th Annual Conference of the South African Association of Botanists. RAU, 2001.

### Navorsingsverslag/Research report

1. ESLER KJ. *Restoration of degraded Nama Karoo: the role of conservation islands*. Annual Report to the European Union, 2001: 43 pp.

### Doktoraal afgehandel/Doctoral completed

1. VORSTER DJ. *The purification and characterisation of sugarcane neutral ( $\beta$ -fructofuranosidase EC 3.2.1.26)*. PhD, 2001. 155 pp. Promotor: Prof FC Botha.

### Magister afgehandel/Master's completed

1. HOEPFNER SW. *Characterisation of hexokinase activity in the culm of sugarcane with special reference to fructokinase activity*. MSc, 2001. 70 pp. Studieleier: Prof FC Botha.
2. MAKWARELA AM. *An assessment of the subgeneric classification of the genus Zygothymus: evidence from the trnL-F sequence*. MSc, 2001. 56 pp. Studieleier/medestudieleiers: Dr LL Dreyer/dr EM Marais en prof DU Bellstedt.
3. REDDY S. *Genomic and expression analysis of allelic variants of the gene encoding the  $\beta$ -subunit of the enzyme pyrophosphate dependent phosphofructokinase (PFK) in sugarcane*. MSc cum laude, 2001. 151 pp. Studieleier/medestudieleier: Prof FC Botha/dr BI Hockett.
4. ROSE S. *Expression and genetic manipulation of neutral invertase activity in sugarcane*. MSc cum laude, 2001. 86 pp. Studieleier: Prof FC Botha.

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1. BURGER AL. *Isolation and characterisation of a developmentally regulated promoter from Vitis vinifera L. berries*. PhD Promotor: Prof FC Botha.
2. CARSON D. *The application of expressed sequence tag analysis to identify differentially expressed genes in sugarcane*. PhD Promotor: Prof FC Botha.
3. GROENEWALD J-H. *Modulation of PFK activity in sugarcane*. PhD Promotor: Prof FC Botha.

4. HELLSTRÖM GB. *The use of phytosociological and vegetation mapping techniques in assisting in policy and development decision-making along the coastal dunes of the Garden Route, Southern Cape.* PhD Promotor/medepromotor: Dr C Boucher/prof L Mucina (Universiteit van die Noorde).
5. HOFFMAN EW. *Flower induction and flower initiation of Proteas.* PhD Promotor/medepromotor: Prof G Jacobs/dr MD Cramer.
6. NELL JS. *Genetic manipulation of sucrose storing tissue to produce alternative products.* MSc Promotor: Prof FC Botha.
7. SCHAFER W. *Characterisation of sucrose synthase (SuSy) activity in the sugarcane culm.* PhD Promotor: Prof FC Botha.
8. SIEBEN EJJ. *The riparian vegetation of rivers in the Hottentots-Holland Mountains.* PhD Promotor: Dr C Boucher.
9. SNYMAN S. *Transformation of sugarcane.* PhD Promoter: Prof FC Botha.
10. VAN DER MERWE AM. *A biosystematic study of the seven minor genera of the Hyacinthaceae.* PhD Promotor/medepromotor: Dr EM Marais/prof DU Bellstedt.
11. VAN DER MERWE J. *Isolation of specific promoters in sugarcane.* PhD Promotor: Prof FC Botha.
12. VENTER M. *Analysis of gene expression during berry development in Vitis vinefera cv. Chardonnay berries using AFLP-based mRNA fingerprinting.* Graad Promotor: Prof FC Botha.
13. VOLSCHENK T. *The effects of saline irrigation on soil properties, the plant physiological processes, vegetative and reproductive growth of Palsteyn apricot.* PhD Promotor: Dr MD Cramer.

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

1. ABRAHA TG. *Isolation and characterization of a mature culm specific promoter element from sugarcane.* MSc Studieleier: Prof FC Botha.
2. BEUKES O. *The effect of regulated deficit irrigation on the production and fruit quality of peaches.* MSc Studieleier/medestudieleier: Dr JE Watts/mnr JHM Karsten.
3. CHENEY C. *Management for biodiversity in Strandveld vegetation: Rocherpan.* MSc Studieleier/medestudieleiers: Dr KJ Esler/prof SJ Milton en me A le Roux.
4. CILLIERS CD. *Post-fire effects of invasive exotic plants on soil seed banks, regeneration, soil chemistry and selected soil microbial populations in the Silvermine Nature Reserve, Cape Peninsula, South Africa.* MSc Studieleier/medestudieleier: Dr KJ Esler/dr C Boucher.
5. CRAVEN P. *Phytogeography of Namibia.* MSc Studieleier: Dr PJ Vorster.
6. DE VILLIERS MJ. *Molecular phylogenetics of Serruria Salisb. (Proteaceae).* MSc Studieleier/medestudieleiers: Dr LL Dreyer/dr G Reeves en dr EM Marais.
7. GEBREGZIABHER A. *Taxonomic importance of bulb anatomical characters in Oxalis (Oxalidaceae).* MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
8. HENDRICKS NC. *Dispersal characteristics and regeneration potential of Themeda triandra in the Middelburg region of the Eastern Cape.* MSc Studieleier: Dr KJ Esler.
9. HENDRICKS NO. *Vegetation, soil and grazing relationships in the Middelburg region of the Eastern Cape.* MSc Studieleier: Dr KJ Esler.
10. HITEN NF. *The manipulation of fructose-2,6-bisphosphate in sugarcane and grapevine.* MSc Studieleier: Prof FC Botha.
11. KOEKEMOER M. *Sugarcane neutral invertase: expression and genetic manipulation in sugarcane.* MSc Studieleier: Prof FC Botha.
12. KOSE L. *A search for taxonomically informative characters in the large genus Heliophila (Brassicaceae).* MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
13. KUMWENDA M. *A systematic revision of Oxalis section Sagittatae (Oxalidaceae).* MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
14. MKHIZE TM. *Establishment and propagation of Juglans Regia in vitro.* MSc Studieleier: Prof FC Botha.

15. OBERLANDER K. *Molecular phylogenetic assessment of Oxalis section Angustatae subsubsection Linearis (Oxalidaceae)*. MSc Studieleier/medestudieleier: Dr LL Dreyer/prof DU Bellstedt.
16. OLIVIER AJ. *Differential gene expression during ripening of Chardonnay berries: isolation of specific sequences through subtraction*. MSc Studieleier: Prof FC Botha.
17. PIENAAR E. *Vegetation on and adjacent to inselbergs in the Nama Karoo*. MSc Studieleier: Dr KJ Esler.
18. PIETERSE R. *Physiology and post-harvest control of leaf blackening Protea spp.* MSc Studieleier/medestudieleier: Dr MD Cramer/prof G Jacobs.
19. RAITT GR. *The effects of management practices on the composition of selected Renosterveld sites dominated by Themeda triandra Forssk.* MSc Studieleier/medestudieleier: Dr C Boucher/prof S Milton.
20. RAMOUTAR R. *The tissue specific expression patterns of the enzymes, UDP glucose dehydrogenase and propphosphate dependent phosphofructokinase in sugarcane internodal tissue*. MSc Studieleier/medestudieleier: Dr MD Cramer/prof FC Botha.
21. RAMOUTAR R. *The tissue specific expression patterns of the enzymes, UDP glucose dehydrogenase and pyrophosphate dependent phosphofructokinase in sugarcane internodal tissue*. MSc Studieleier: Prof FC Botha.
22. ROETS R. *Ecology and phylogeny of Ophostomatoid fungi associated with South African Protea infrutescences*. MSc Studieleier/medestudieleier: Dr LL Dreyer/prof P Crous.
23. ROGBEER O. *Differential gene expression in the culm of sugarcane during development, with special emphasis on the storage parenchyma cells*. MSc Studieleier: Prof FC Botha.
24. ROWLAND R. *Physiological mechanisms of aluminium tolerance in sugarcane*. MSc Studieleier/medestudieleiers: Dr MD Cramer/prof FC Botha en dr D Watt (SASEX).
25. ROWLAND R. *Physiological mechanisms of Aluminium tolerance in Saccharum officinarum (sugarcane)*. MSc Studieleier: Prof FC Botha.
26. SALIE K. *The contribution of wetlands to the species diversity of fynbos at Jonkershoek*. MSc Studieleier/medestudieleier: Dr C Boucher/dr KJ Esler.
27. SCHEEPERS I. *Genetic manipulation cytosolic aldolase in sugarcane*. MSc Studieleier: Prof FC Botha.
28. TITUS C. *Sucrose transport and storage in sugarcane*. MSc Studieleier: Prof FC Botha.
29. TITUS CHA. *Sucrose transport and storage in sugarcane*. MSc Studieleier/medestudieleiers: Dr MD Cramer/prof FC Botha en dr D Watt (SASEX).
30. TURNER G. *Tissue-specific distribution of acid and neutral invertase in sugarcane*. MSc Studieleier/medestudieleier: Dr MD Cramer/prof FC Botha.
31. TURNER G. *Tissue-specific distribution of acid and neutral invertase in sugarcane*. MSc Studieleier: Prof FC Botha.
32. VIKTOR A. *Physiological and metabolic factors determining nitrogen use efficiency in tomato seedlings*. MSc Studieleier: Dr MD Cramer.
33. WITBOOI B. *Restoration potential of selected Karoo species*. MSc Studieleier/medestudieleier: Dr K Esler/me T Oberholzer (Dept Agriculture).
34. WOLDETINSAE A. *A search for taxonomically important leaf anatomical characters in Oxalis (Oxalidaceae)*. MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
35. ZWIEGELAAR C. *Tissue specific gene expression in grape berries*. MSc Studieleier: Prof FC Botha.

**CHEMIE**  
**(waarby ingesluit die Instituut vir Polimeerwetenskap) /**  
**CHEMISTRY**  
**(including the Institute for Polymer Science)**

**Tydskrifartikels/Journal articles**

1. AN J, CHEN Z-D, ZHANG X-X, RAUBENHEIMER HG, ESTERHUYSEN C, GAO S, XU G-X. Synthesis, x-ray characterization, single molecule magnetic behavior of  $[Mn_{12}O_{12}(O_2CCH_2X)_{16}(H_2O)_4] \cdot mCH_2Cl_2 \cdot nH_2O$  (1: X=Cl, m=2, n=6, 2: X=Br, m=4, n=0). *Journal of the Chemical Society, Dalton Transactions* 2001; **22**: 3352-3356.
2. BECKMAN IN, BESSARABOV DG, SANDERSON RD. Separation of a gaseous mixture in the absorption module of a membrane contactor. *Moscow University Chemistry Bulletin* 2001; **42**: 60-66.
3. BESSARABOV DG, MICHAELS WC. Morphological diversity of Pt clusters deposited onto proton-exchange perfluorinated membranes for catalytic applications. *Membrane Technology* 2001; **139**: 5-9.
4. BESSARABOV DG, MICHAELS WC. Solid polyelectrolyte (SPE) membranes containing a textured platinum catalyst. *Journal of Membrane Science* 2001; **194**(1): 141-144.
5. BESSARABOV DG, MICHAELS WC, POPKOV YM. Galvanodynamic study of the electrochemical switching effect in perfluorinated cation-exchange membranes modified by ethylenediamine. *Journal of Membrane Science* 2001; **194**: 81-90.
6. BRÜLL R, KGOSANE D, NEVELING A, PASCH H, RAUBENHEIMER HG, SANDERSON R, WAHNER UM. Synthesis and properties of poly-1-olefins. *Macromolecular Symposia* 2001; **165**: 11-18.
7. BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON R, VAN REENEN AJ, WAHNER UM. Investigation of the melting and crystallization behaviour of random propene/ $\alpha$ -olefin copolymers by DSC and CRYSTAF. *Macromolecular Chemistry and Physics* 2001; **202**: 1281-1288.
8. BURGER BV, SMIT D, SPIES HSC, SCHMIDT C, SCHMIDT U, TELITSINA AY. Mammalian exocrine secretions XVI. Constituents of secretion of supplementary sacculi of dwarf hamster, *Phodopus sungorus sungorus*. *Journal of Chemical Ecology* 2001; **27**(6): 1277-1288.
9. BURGER BV, SMIT D, SPIES HSC, SCHMIDT C, SCHMIDT U, TELITSINA AY, GRIERSON GR. Mammalian exocrine secretions XV. Constituents of secretion of ventral gland of male dwarf hamster, *Phodopus sungorus sungorus*. *Journal of Chemical Ecology* 2001; **27**(6): 1259-1276.
10. CROUCH AM, KHOTSENG LE, POLHUIS M, WILLIAMS DR. Comparative study of Cyclic Voltammetry with Potentiometric analysis for determining formation constants for Polyaminocarboxylate-metal ion complexes. *Analytica Chimica Acta* 2001; **448**: 231-237.
11. CRUYWAGEN JJ. Protonation, oligomerization, and condensation reactions of Vanadate(V), Molybdate(VI), and Tungsten(VI). *Advances in Inorganic Chemistry* 2000; **49**: 127-182.
12. DE VRIES AR, KLUMPERMAN B, DE WET-ROOS D, SANDERSON RD. The effect of reducing monosaccharides on the atom transfer radical polymerization of butyl methacrylate. *Macromolecular Chemistry and Physics* 2001; **202**(9): 1546-1648.
13. ESTERHUYSEN C, KRUGER GJ, OLIVIER DK, RAUBENHEIMER HG, RETIEF L, CRONJE S. Tricarbonylbis(4-methyl-1,3-thiazole-2(3H)-thionato-N,S<sup>2</sup>)tungsten(II), *Acta Crystallographica Section E* 2001; **E57**: m72-m74.
14. ESTERHUYSEN MW, BRÜLL R, RAUBENHEIMER HG, ESTERHUYSEN C, KRUGER GJ. Thioether- and Selenoether-carboxylates in palladium chemistry: conclusive proof of hemilabile properties of O-Se ligands. *Journal of Organometallic Chemistry* 2001; **619**: 164-178.

15. FAUL CFJ, ANTONIETTI M, SANDERSON RD, HENTZE H-P. Directed polymerization in mesophases of polyelectrolyte–surfactant complexes. *Langmuir* 2001; **17**: 2031-2035.
16. GRUMEL V, BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON R, WAHNER UM. Homopolymerization of higher 1-olefins with metallocene/MAO catalysts. *Macromolecular Materials and Engineering* 2001; **286**(8): 480-487.
17. HECK B, SADIKU ER, STROBL GR. SAXS and DSC studies of the crystallization and melting phenomena of poly( $\epsilon$ -caprolactone). *Macromolecular Symposia* 2001; **165**: 99-113.
18. KOCH KR. New chemistry with old ligands: N-alkyl-N'-acyl(aryl)thioureas in coordination, analytical and process chemistry of the platinum group metals. *Coordination Chemistry Reviews* 2001; **216-217**: 473-488.
19. KOCH KR, HALLALE O, MILLER J, BOURNE S, BACSA J. Self-assembly of 2:2 metallamacrocyclic complexes of Ni<sup>II</sup> and Pd<sup>II</sup> with 3,3,3',3'-tetraalkyl-1,1'-isophthaloylbis(thioureas). Crystal and molecular structures of cis-[Pd(L<sup>2</sup>-S,O)]<sub>2</sub> and the adducts of the corresponding Ni<sup>II</sup> complex: [Ni(L<sup>1</sup>-S,O)(pyridine)<sub>2</sub>]<sub>2</sub> and [Ni(L<sup>1</sup>-S,O)(4-dimethylaminopyridine)<sub>2</sub>]<sub>2</sub>. *Journal of Molecular Structure* 2001; **561**: 185-196.
20. LIENKE A, KLATT G, ROBINSON DJ, KOCH KR, NAIDOO KJ. Modeling platinum group metal complexes in aqueous solution. *Inorganic Chemistry* 2001; **40**: 2352-2357.
21. MAISELA LL, CROUCH AM, DARKWA J, GUZEI IA. Bidentate aryldichalcogenide complexes of [(diphosphino)ferrocene]palladium(II) and [(diphosphino)ferrocene]platinum(II). Synthesis, molecular structures and electrochemistry. *Polyhedron* 2001; **20**: 3189-3200.
22. MEINCKEN M, BALK LJ, SANDERSON RD. Improved sensitivity in the thermal investigation of polymeric nanophase by measuring the resonance frequency shift using an atomic force microscope. *Macromolecular Materials and Engineering* 2001; **286**(7): 412-420.
23. MILANI Y, KOTZÉ MJ. Molecular diagnosis of hereditary haemochromatosis – identify an affected person and save a family. *South African Medical Journal* 1999; **89**: 263-264.
24. MOORHOFF CM, SCHNEIDER DF. Sodium benzoate as a mild base catalyst for the tandem Michael-aldol self-condensation of gamma, delta-unsaturated  $\beta$ -keto esters. *Monatshefte Chemie* 1998; **129**(4): 409-417.
25. MOORHOFF CM, SCHNEIDER DF, WINKLER D. One-pot synthesis of highly functionalized 6-oxo-4-cyclohexene-1,3,2 dicarboxylates. *Journal of Chemical Research* 1998; (12): 3461-3483.
26. RAUBENHEIMER HG, CRONJE S. Carbene complexes derived from lithiated heterocycles, mainly azoles, by transmetallation. *Journal of Organometallic Chemistry* 2001; **617-618**: 170-181.
27. RAUBENHEIMER HG, NEVELING A, CRONJE S, BILLING DG. Synthesis and characterisation of pentacarbonyl(thiazolyl)manganese(0) complexes and their conversion to cationic 2,3-dihydro-thiazol-2-ylidene(pentacarbonyl) manganese(0) compounds: the crystal structures of [(CO)<sub>5</sub>Mn{CN(H)CHCHS}][CF<sub>3</sub>SO<sub>3</sub>] and [(CO)<sub>5</sub>Mn{CN(H)C(CH<sub>3</sub>)CHS}][CF<sub>3</sub>SO<sub>3</sub>]. *Polyhedron* 2001; **20**: 1089-1095.
28. SADIKU ER, SANDERSON RD. A study of the pull-out performance of PPTA fibres in composites of ethylene-type ionomer matrices/PPTA fibres. *Macromolecular Materials and Engineering* 2001; **286**(9): 535-545.
29. SADIKU ER, SANDERSON RD. Variables that determine the fiber-matrix bond strength in ethylene-type ionomer composites. *Macromolecular Materials and Engineering* 2001; **286**(8): 472-479.
30. SANDERSON RD, MAKAWA-MBEWE J, DE KOCK JJ. Opportunities and protocol for the teaching of materials science in Africa. *Macromolecular Symposia* 2001; **165**: 143-154.
31. SANDRA P, TIENPONT B, VERCAMMEN J, TREDoux A, SANDRA T, DAVID F. Stir bar sorptive extraction applied to the determination of dicarboximide fungicides in wine. *Journal of Chromatography A* 2001; **928**: 117-126.
32. STANDER MA, NIEUWOUDT TW, STEYN PS, SHEPHARD GS, CREPPY EE, SEWRAM V. Toxicokinetics of ochratoxin A in vervet monkeys (*Cercopithecus aethiops*). *Archives of Toxicology* 2001; **75**: 262-269.

33. STANDER MA, STEYN PS, VAN DER WESTHUIZEN FH, PAYNE BE. A kinetic study into the hydrolysis of the ochratoxins and analogues by carboxypeptidase A. *Chemical Research in Toxicology* 2001; **14**: 302-304.
34. STEELE D, VERHOEVEN PFM. The vibrational spectrum and structure of *cis*-Rh(NH<sub>3</sub>)(CO)<sub>2</sub>Cl. *Vibrational Spectroscopy* 2001; **25**: 29-39.
35. STENZEL O, ESTERHUSEN MW, RAUBENHEIMER HG. Bis(2,3,7-trimethylindelyl) Cobalt(II) and *rac*-2,2',4,4',7,7'-hexamethyl-1,1'-biindene. *Acta Crystallographica Section C* 2001; **C57**: 1056-1059.
36. VANHOENACKER G, DE VILLIERS A, LAZOU K, DE KEUKELEIRE D, SANDRA P. Comparison of high-performance liquid chromatography-mass spectroscopy and capillary electrophoresis-mass spectroscopy for the analysis of phenolic compounds in diethyl ether extracts of red wines. *Chromatographia* 2001; **54**: 309-315.

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

1. BAKER PGL. *Characterisation of thin film mixed metal tin oxides*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
2. BESSARABOV DG. *Electrochemical-driven heterogeneous catalysis: oxidative strategy for petrochemical industry*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp. (CD-Rom).
3. BESSARABOV DG, MICHAELS W. *Morphological diversity of Pt clusters deposited onto proton-exchange perfluorinated membranes for catalytic applications*. Proceedings of 12th Annual Meeting of North American Membrane Society (NAMS2001). Lexington, Kentucky, USA, 2001: 30.

4. BESSARABOV DG, MICHAELS W, POPKOV YUM. *Electrochemical switching process in perfluorinated proton-exchange membranes modified by ethylenediamine: effect of embedded platinum catalyst*. Oral presentation, Proceedings of 12th Annual Meeting of North American Membrane Society (NAMS2001). Lexington, Kentucky, USA, 2001: 67.
5. BEYERS CP, DE WET-ROOS D, SANDERSON RD. *The seeded polymerization of styrene and butyl acrylate in the presence of alkyl halides as degenerative chain transfer agents*. 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P94.
6. CALITZ FM, TONGE MP, SANDERSON RD. *The role of chemically modified polymeric surfactants as emulsifiers in living free radical polymerisation*. 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P81.
7. GÖTZ C. *Investigations on ternary metallocene based catalyst systems*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
8. GRAEF SM, PASCH H, WAHNER UM, VAN REENEN AJ, BRÜLL R, SANDERSON RD. *Analysis of syndiotactic polypropylene copolymers with DSC and CRYSTAF*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
9. GRAEF SM, VAN REENEN AJ, WAHNER UM, BRÜLL R, SANDERSON RD, PASCH H. *Synthesis and characterization of syndiotactic polypropylene copolymers with higher 1-olefins*. Proceedings of the 222nd ACS National Meeting. Chicago, USA, 2001; **42**(2): 488-489.
10. GRAEF SM, VAN REENEN AJ, WAHNER UM, BRÜLL R, SANDERSON RD, PASCH H. *Synthesis and characterization of syndiotactic polypropylene copolymers with higher 1-olefins*. Proceedings of the European Polymer Federation Congress. Eindhoven, The Netherlands, 2001: 1 pp. (CD-Rom).
11. GRUMEL V, BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON RD, WAHNER UM. *Homopolymerisation of higher 1-olefins with metallocene/MAO catalysts*. Proceedings of the European Polymer Federation Congress. Eindhoven, The Netherlands, 2001: 1 pp. (CD-Rom).
12. GRUMEL V, BRÜLL R, PASCH H, RAUBENHEIMER HG, SANDERSON RD, WAHNER UM. *Homopolymerization of higher 1-olefins with metallocene/MAO catalysts*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
13. JACOBS EP, BOTES JP, PILLAY VL, BRADSHAW SM. *Reverse-pulse ultrafiltration in potable water production*. Proceedings of the Engineering with Membranes Conference. Granada, Spain, 2001: II-178.
14. JEAN YC, ZHANG R, MALLON PE, CHEN H, HUANG CM, ZHANG J, LI Y, WU Y, SANDRECKZI TC. *Chemical modifications of polymeric surfaces and coatings studies by positrons*. Proceedings of the 9th International Workshop on Slow Positron Beam Techniques for Solids and Surfaces. Dresden, Germany, 2001: 20-21.
15. LI J, SANDERSON RD, HALLBAUER DK, JACOBS EP. *Visualization of membrane fouling and cleaning in microfiltration and ultrafiltration by ultrasonic technique*. Proceedings of the 2001 International Conference on the Application of Membrane Technology. Shanghai, China, 2001: 536-545.
16. MALLON PE, LI Y, ZHANG R, WU Y, CHEN H, SANDRECKZI TC, JEAN YC. *Durability of polymeric coatings: effects of natural and artificial weathering*. Proceedings of the 9th International Workshop on Slow Positron Beam Techniques for Solids and Surfaces. Dresden, Germany, 2001: 21-21.
17. McLEARY EE, HOOGESTEGER AW, SANDERSON RD, JANSEN JC. *Synthesis of a thin silicate-1 membrane, through sintering, for use in a membrane reactor*. Proceedings of the 13th International Zeolite Conference. Montpellier, France, 2001: 333-333.
18. McLEARY EE, SANDERSON RD, LUTEIJN C, BUIJSSE EJW, GORAB L, MASCHMEYER TH, JANSEN JC. *Conceptual process design of an all zeolite membrane reactor*



- for the hydroisomerisation of C5/C6*. Proceedings of the 13th International Zeolite Conference. Montpellier, France, 2001: 295-295.
19. McLEARY JB. *The use of reversible addition fragmentation transfer techniques in aqueous media: the effect of surfactant concentration*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
  20. McLEARY JB, DE WET-ROOS D, SANDERSON RD, KLUMPERMAN B. *A comparative study of reversible addition-fragmentation transfer agents in aqueous media*. Proceedings of the 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P90.
  21. MEINCKEN M, SANDERSON RD. *Measurements of thermal parameters and mechanical properties of polymers by modified atomic force microscopy*. Proceedings of the 2nd International Conference on Scanning Probe Microscopy of Polymers. Weingarten, Germany, 2001: 63-63.
  22. MEINCKEN M, SANDERSON RD. *Measurements of thermal parameters and mechanical properties of polymers by modified atomic force microscopy*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
  23. MEQUANINT K, SANDERSON RD. *Analytical procedures for the study of self-assembling in polyurethane coatings*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
  24. MICHAELS WC, SANDERSON RD, BESSARABOV DG. *Morphological diversity of Pt-based catalyst deposited on cation-exchange perfluorinated membranes*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
  25. NAIDOO VB, RAUTENBACH M, VAN DER MERWE MJ, BREDEKAMP MW, SANDERSON RD. *The synthesis and characterisation of bola-amphiphilic peptides*. Proceedings of the Biopolymers: Advances in Medical and Material Science Applications Conference. Cambridge, MA, USA, 2001: 1-1.
  26. NAIDOO VB, SANDERSON RD. *Self-assembling bola-amphiphiles*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp. (CD-Rom).
  27. SADIKU ER, BRÜLL R, GRUMEL V, PASCH H, RAUBENHEIMER HG, SANDERSON RD, VAN REENEN AJ, WAHNER UM. *Copolymerization of propene and higher 1-olefins*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
  28. SANDERSON RD. *Recent developments in polymer education within the changing demographics of South Africa*. Proceedings of the European Polymer Federation Congress. Eindhoven, The Netherlands, 2001: 1 pp. (CD-Rom).
  29. SANDERSON RD, LI J. *Ultrasonic techniques as visualization fouling and cleaning in microfiltration and ultrafiltration membranes*. Proceedings of the 2001 International Conference on the Application of Membrane Technology. Shanghai, China, 2001: 448-448.

30. SHEPHARD GS, STOCKENSTRÖM S, DE VILLIERS D, ENGELBRECHT WJ, WESSELS GFS. *Application of a falling film photocatalytic reactor to the treatment of cyanobacterial microcystin LR in water*. Proceedings of the 10th International IUPAC Symposium on Mycotoxins and Phycotoxins. Guarujá, Brazil, 2001; *Mycotoxins and Phycotoxins in Perspective at the Turn of the Millennium* 2001: 505-511.
31. SPRONG E, SANDERSON RD, DE WET-ROOS D. *The synthesis of model alkali-soluble thickeners (AST's) by means of reversible addition fragmentation chain transfer (RAFT) polymerization and their rheological behaviour*. Proceedings of the 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P89.
32. SPRONG E, SANDERSON RD, DE WET-ROOS D. *The synthesis of model alkali-soluble thickeners (AST's) by means of reversible addition fragmentation chain transfer (RAFT) polymerization and their rheological behaviour*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
33. SWART P, JACOBS EP, BREDENKAMP M, LIEBENBERG L, DOMINGO G, MAARTENS A. *Membrane separation enhancement by non-covalent surface modification*. Proceedings of the Engineering with Membranes Conference. Granada, Spain, 2001: II-193-194.
34. TONGE MP, GILBERT RG. *Small molecule diffusion in polymeric matrices: testing free volume theory in rubbery and glassy systems*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
35. VAN REENEN AJ, PASCH H, WAHNER U, BRÜLL R. *Copolymerization of ethylene and propylene with  $\alpha$ -olefins*. Proceedings of the 222nd ACS National Meeting. Chicago, USA, 2001; **42**(2): 593-594.
36. VAN ZYL AJP, SANDERSON RD, DE WET-ROOS D, KLUMPERMAN B. *Morphology prediction, synthesis and characterisation of core/shell particles containing liquid cores*. Proceedings of the 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P119.
37. VAN ZYL AJP, SANDERSON RD, DE WET-ROOS D, KLUMPERMAN B. *Synthesis and characterization of nano-structured particles consisting of a liquid core and multiple shell morphology through mini-emulsion polymerization*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.
38. VOSLOO JJ, DE WET-ROOS D, SANDERSON RD. *Controlled free radical polymerization in mini-emulsion using RAFT*. Proceedings of the 3rd IUPAC International Symposium on Free Radical Polymerizations: Kinetics and Mechanism. Lucca, Tuscany, Italy, 2001: P79.
39. VOSLOO JJ, DE WET-ROOS D, SANDERSON RD. *Controlled free radical polymerization in mini-emulsion using RAFT*. Proceedings of the 4th Annual UNESCO School and IUPAC Conference on Macromolecules and Materials Science. Stellenbosch, South Africa, 2001: 1 pp.

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

1. BESSARABOV DG, POPKOV YUM, MICHAELS WC. *Galvanodynamic study of electrochemical switching effects in ion-exchange membranes*. Symposium Proceedings, 4th WISA-MTD Symposium. Fleurbaix, Stellenbosch, 2001: 71-74.
2. BLEWETT G, BREDENKAMP MW, SWART P, JACOBS EP. *Pluronic® F108 end-group modification for affinity chromatography*. Proceedings of the 4<sup>th</sup> WISA-MTD Symposium: Membrane Science and Engineering. Stellenbosch, 2001: 108.
3. DOMINGO GS, JACOBS EP, SWART P. *Characterisation of foulants present in effluents emanating from the Piet Retief Mondi Kraft paper mill*. Proceedings of the 4<sup>th</sup> WISA-MTD Symposium: Membrane Science and Engineering. Stellenbosch, 2001: 38.
4. FRIEDRICH E, BUCKLEY CA, JACOBS EP. *The application of life cycle assessment for the production of potable water – a case study of membrane technology*. Proceedings of the 4<sup>th</sup> WISA-MTD Symposium: Membrane Science and Engineering. Stellenbosch, 2001: 31.

5. GARCIN CJ, LEUKES W, JACOBS EP. *Mass and momentum transfer in the membrane gradostat bioreactor*. Proceedings of the 4<sup>th</sup> WISA-MTD Symposium: Membrane Science and Engineering. Stellenbosch, 2001: 78-79.
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4. DE VILLIERS D. *The application of naturally occurring radioactivity in the mining industry.* PhD Promotor/medepromotor: Dr JA Stander/prof A Rozendaal.
5. JACOBS NM. *Measurements of reaction cross sections for protons in the energy region 50 to 150 MeV.* PhD Promotor: Prof AA Cowley.
6. MARITZ EJ. *Flux creep in pulsed laser deposited superconducting  $\text{YBa}_2\text{Cu}_3\text{O}_7$  thin films.* PhD Promotor/medepromotors: Prof I Krylov (UWK)/prof R Pretorius en prof PR de Kock.
7. McDERMOTT LS. *Toepassing van laserbronne in molekulêre spektroskopiese studies.* PhD Promotor: Dr EG Rohwer.
8. STEINMANN CM. *Laser spectroscopy in the vacuum ultraviolet.* PhD Promotor/medepromotor: Dr EG Rohwer/prof H Stafast (Friedrich Schiller Universiteit, Jena, Duitsland).
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1. BARTLETT BH. *Anyons in an external field.* MSc Studieleiers: Prof HB Geyer en prof FG Scholtz.
2. BOONZAAIER L. *Sandpile models and mining induced seismicity.* MSc Studieleier: Prof HB Geyer.
3. DU PLESSIS A. *Characterization of tunable laser sources for spectroscopy.* MSc Studieleier: Dr EG Rohwer.
4. HATTINGH GE. *Ontwikkeling van 'n gerekenariseerde databasis vir atomiese spektroskopie.* MSc Studieleier: Prof K Visser.
5. NSENGIYUMVA S. *Formation and characterization of laser ablated thin film colossal magnetoresistive materials.* MSc Studieleier: Prof R Pretorius.
6. OCTOBER FJ. *Transverse and longitudinal Bose-Einstein correlations in antiproton-proton reactions at centre-of-mass energy 630 GeV.* MSc Studieleier: Prof HC Eggers.
7. STEHMANN T. *Investigation into solid-state switched high voltage laser excitation circuits.* MSc Studieleier: Prof HM von Bergmann.
8. STRAUSS HJ. *Materials processing using  $\text{CO}_2$  TEA laser.* MSc Studieleier: Prof HM von Bergmann.
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## FISIOLOGIESE WETENSKAPPE / PHYSIOLOGICAL SCIENCES

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2. ESTERHUYSE AJ, DU TOIT EF, VAN ROOYEN J. *Effect of dietary Red Palm Oil on ischaemic/reperfusion injury in the isolated rat heart*. 29th Annual Congress of the Physiological Society of Southern Africa in conjunction with the International Immunopharmacology Congress. Sun City, 2001.
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2. KOHN T. *Heterogeneity and adaptability of skeletal muscle*. PhD Promotor/medepromotor: Prof KH Myburgh/dr M Rautenbach.
3. SMITH C. *Bi-directional communication between the HPA-axis and the immune system in an exercise stress model*. PhD Promotor: Prof KH Myburgh.
4. STRAUSS JAdeW. *Faktore wat die gesondheid van damesatlete kan beïnvloed*. PhD Promotor: Prof KH Myburgh.

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1. CHAMBERS J-M. *The effect of a competitive season on selected parameters of the immune system of professional soccer players*. MPhil Studieleier/medestudieleiers: Me C Smith/prof KH Myburgh en dr M Senekal.
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3. KENNEDY K. *Design and validity of exercise testing in the field for waterpolo*. MPhil Studieleier: Prof KH Myburgh.
4. 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 Huisaman.
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7. SAUNDERS LC. *Executive stress reductions: influence of massage therapy on selected immune and endocrine measures*. MSc Studieleier: Prof KH Myburgh.
8. SCRIBA E. *Blood flow during exercise in the lower limbs of paraplegic athletes*. MPhil Studieleier: Prof KH Myburgh.
9. TERBLANCHE JS. *Family study and comparison of O<sub>2</sub>-sensitivity in two South African populations*. MSc Studieleiers: Prof KH Myburgh en dr S Jackson.
10. VAN DER MERWE J. *Does creatine supplementation stimulate humoral anabolic factors*. MPhil Studieleier: Prof KH Myburgh.

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2. OLIVIER B. *Controls on the mineralization and optimum treatment conditions for tanzanite*. PhD Studieleier: Prof R Scheepers.
3. PANTENBURG T. *Hydrothermal alteration associated with the Riviera W-Mo(REE) deposit*. PhD Studieleiers: Prof A Rozendaal en prof R Scheepers.
4. SMIT CM. *The relationship between structure, fluid movement and mineralization in selected examples from the Witwatersrand basin*. PhD Studieleier: Prof R Scheepers.



5. SPICER E. *New experimental solutions to some longstanding petrological problems*. PhD Studieieier: Prof G Stevens.
6. STALDER M. *Deformation, metamorphism of the Broken Hill-Gamsberg Base Metal Sulphide Deposits, Namaqualand, South Africa*. PhD Studieieier: Prof A Rozendaal.
7. VAN DER WESTHUIZEN A. *Geology of the Lower Orange River and distribution of diamondiferous gravels*. PhD Studieieier: Prof A Rozendaal.

### Magister Iopend/Master's current

1. COUSIN LE. *W-Bearing metaluminous granites of the Cape granite suite*. MSc Studieieier: Prof R Scheepers.
2. HAMMAN H. *Nickel deposits of Western Namaqualand*. MSc Studieieier Prof A Rozendaal.
3. JORDAAN S. *A structural investigation of the geology around Navachab Goldmine Ltd, Central Damara Orogen, Karibib; Namibia*. MSc Studieieier: Prof A Kisters.
4. MACDONALD L. *Geology of the 50m Terrace at Geelwal Karoo, West Coast of South Africa*. MSc Studieieier: Prof A Rozendaal.
5. RIES W. *The relationship between the Nigramoep Orebody and its host rock*. MSc Studieieier: Prof R Scheepers.
6. VITALI-HERBERT E. *The mineralogy and gemmology of blue ziozite (tanzanite) occuring at the Mererani Mine, Arusha district, Tanzania*. MSc Studieieier: Mnr HS Pienaar.
7. WESSELS C. *Mineralogy and petrochemistry of the Riviera W-Mo granite, Western Cape Province*. MSc Studieieier: Prof R Scheepers.
8. ZENZILE B. *Detailed hydrogeochemical and geological aquifer and borehole yield mapping survey of the Calvinia Map Sheet*. MSc Studieieier: Dr GJ Greeff.

## MIKROBIOLOGIE / MICROBIOLOGY

### Tydskrifartikels/Journal articles

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### Doktoraal Iopend/Doctoral current

1. VAHED A. *The generalization performance of artificial neural networks*. PhD Promotor: Dr CW Omlin.

### Magister Iopend/Master's current

1. ANDRAG W. *Intelligent agents for network management*. MSc Studieleier: Dr CW Omlin.
2. BAGULA A. *Real-time management of ATM virtual paths*. MSc Studieleier: Prof AE Krzesinski.
3. CONNAN J. *Automatic classification of articles on the World Wide Web*. MSc Studieleier: Dr CW Omlin.
4. DE JAGER PC. *Intelligent adaptive user assistant for digital voice recording*. MSc Studieleier: Dr CW Omlin.
5. DE JONGH A. *Modelling of co-operating neural network agents*. MComm Studieleier: Dr CW Omlin.
6. DE KOCK JM. *Optization of call management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
7. DU TOIT C. *Die gebruik van temporale konteks in string generering*. MSc Studieleier: Prof APJ van der Walt.
8. HESSE B. *Intelligent tutoring systems*. MSc Studieleier: Dr L van Zijl.
9. MYBURGH W. *Automated testing of computer protocols*. MSc Studieleier: Dr PJA de Villiers.
10. NEMETH V. *Scheduling and management of distributed transportable agents*. MSc Studieleier: Dr CW Omlin.
11. PRINS W. *Recurrent and hybrid neural networks for process control*. MSc Studieleier: Dr CW Omlin.
12. STRYDOM HJ. *A generic on-line process control data visualization system using neural networks*. MSc Studieleier: Dr CW Omlin.
13. WAHABI R. *Research management in ATM networks*. MSc Studieleier: Prof AE Krzesinski.
14. WESSELS T. *Intelligent speech processing*. MSc Studieleier: Dr CW Omlin.

## SOÖLOGIE / ZOOLOGY

### Tydskrifartikels/Journal articles

1. AVENANT NL, NEL JAJ. Among habitat variation in prey availability and use by caracal *Felis caracal*. *Zeitschrift für Säugetierkunde* 2001; **66**: 1-16.
2. CALF KM, DOWNS CT, CHERRY MI. Territoriality and breeding success in Gurney's sugarbirds, *Promerops gurneyi*. *African Zoology* 2001; **36**: 189-195.
3. CHERRY MI, BENNETT TD. Egg colour matching in an African cuckoo, as revealed by ultraviolet-visible reflectance spectrophotometry. *Proceedings of the Royal Society London B* 2001; **268**: 565-571.
4. CLUTTON-BROCK TH, RUSSELL AF, SHARPE LL, BROTHERTON PNM, MCILRATH GM, WHITE S, CAMERON EZ. Effects of helpers on juvenile development and survival in meerkats. *Science* 2001; **293**: 2446-2449.
5. COOPER MI, CUNNINGHAM M, CHERRY MI. Taxonomic status of the namibian Violet Woodhoopoe *Phoeniculus damarensis* as determined by mitochondrial DNA. *Ibis* 2001; **143**: 572-579.
6. 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.

7. DANIELS SR. Allometric growth, handedness and morphological variation in *Potamonautes warreni* (Calman, 1918) (Decapoda, Brachyura, Potamonautidae) with a redescription of the species. *Crustaceana* 2001; **74**: 237-253.
8. DANIELS SR, STEWART BA, BURMEISTER L. Geographic patterns of genetic and morphological divergence amongst populations of a river crab (Decapoda, Potamonautidae) with the description of a new species from mountain streams in the Western Cape, South Africa. *Zoological Scripta* 2001; **30**: 181-197.
9. DANIELS SR, STEWART BA, RIDGWAY TM, FLORENCE W. Carapace dentition patterns, morphometrics and allozyme differentiation amongst two toothed freshwater crab species (*Potamonautes warreni* and *P. unispinus*) (Decapoda: Brachyura: Potamonautidae) from river systems in South Africa. *Journal of Zoology, London* 2001; **255**: 389-404.
10. EICK BN, HARLEY EH, CHERRY MI. Molecular analysis supports specific status for *Bufo pardalis* and *Bufo pantherinus*. *Journal of Herpetology* 2001; **35**: 113-114.
11. FLEMMING AF, BRANCH WR. Extraordinary case of matrotrophy in the African skink *Eumecia anchietae*. *Journal of Morphology* 2001; **247**: 264-287.
12. FROST D, JANIES D, MOUTON PleFN, TITUS T. A molecular perspective on the phylogeny of the cordylid lizards (Cordylidae, Squamata). *American Museum Novitates* 2001; **3310**: 10 pp.
13. GASTON KJ, CHOWN SL, MERCER RD. The animal species – body size distribution of Marion Island. *Proceedings of the National Academy of Science (USA)* 2001; **98**: 14493-14496.
14. GOUWS G, STEWART BA. Potamonautid river crabs (Decapoda, Brachyura, Potamonautidae) of KwaZulu-Natal, South Africa. *Water SA* 2001; **27**: 85-98.
15. GOUWS G, STEWART BA, REAVELL PE. A new species of freshwater crab (Decapoda, Potamonautidae) from the swamp forests of KwaZulu-Natal, South Africa: biochemical and morphological evidence. *Crustaceana* 2001; **74**: 137-160.
16. HERBERT DG, SIRGEL WF. The recent introduction of two potentially pestiferous alien snails into South Africa and the outcomes of different pest management practices: an eradication and a colonization. *South African Journal of Science* 2001; **97**: 301-304.
17. JANSEN VAN VUUREN B, ROBINSON TJ. Retrieval of four adaptive lineages in Duiker antelope: evidence from mitochondrial DNA sequences and fluorescence in situ hybridization. *Molecular Phylogenetics and Evolution* 2001; **20**: 409-425.
18. LE ROUX A, JACKSON TP, CHERRY MI. Does Brants' whistling rat, (*Parotomys brantsii*) use an urgency-based alarm system in reaction to aerial and terrestrial predators? *Behaviour* 2001; **138**: 757-773.
19. LE ROUX A, JACKSON TP, CHERRY MI. The effect of changing call duration and calling bouts on vigilance in Brants' whistling rat, *Parotomys brantsii*. *Behaviour* 2001; **138**: 1287-1302.
20. LOUBSER GJJ, MOUTON PleFN, NEL JAJ. The ecotourism potential of herpetofauna in the Namaqualand National Park, South Africa. *South African Journal of Wildlife Research* 2001; **31**: 13-23.
21. MATTHEE CA, DAVIS SK. Molecular insights into the evolution of the family Bovidae: a nuclear DNA perspective. *Molecular Biology and Evolution* 2001; **18**: 1220-1230.
22. POOL EJ, BOUIC P. IL-6 secretion by ex vivo whole blood cultures upon allergen stimulation. *Journal of Immunoassay and Immunochemistry* 2001; **22**: 225-234.
23. RAMBAU RV, ELDER FFB, ROBINSON TJ. Chromosomal evolution in the vlei rat, *O. irroratus*, (Muridae: Otomyinae): a compound chromosomal rearrangement separates two major cytogenetic groups. *Cytogenetics and Cell Genetics* 2001; **93**: 253-257.
24. REINECKE AJ, REINECKE S, MABOETA MS. Cocoon production and viability as endpoints in toxicity testing of heavy metals with three earthworm species. *Pedobiologia* 2001; **45**: 61-68.
25. 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**: 639-652.

26. 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.
27. SCHULZ R. Comparison of spray drift- and runoff-related input of azinphos-methyl and endosulfan from fruit orchards into the Lourens River, South Africa. *Chemosphere* 2001; **45**: 543-551.
28. SCHULZ R. Rainfall-induced sediment and pesticide input from orchards into the Lourens River, Western Cape, South Africa: importance of a single event. *Water Research* 2001; **35**: 1869-1876.
29. SCHULZ R, DABROWSKI JM. Combined effects of predatory fish and sublethal pesticide contamination on the behaviour and mortality of Mayfly nymphs. *Environmental Toxicology and Chemistry* 2001; **20**: 2537-2543.
30. SCHULZ R, PEALL SKC. Effectiveness of a constructed wetland for retention of nonpoint-source pesticide pollution in the Lourens river catchment, South Africa. *Environmental Science and Technology* 2001; **35**: 422-426.
31. SCHULZ R, PEALL SKC, DABROWSKI JM, REINECKE AJ. Current-use Insecticides, phosphates and suspended solids in the Lourens River, Western Cape, during the first rainfall event of the wet season. *Water SA* 2001; **27**: 65-70.
32. SCHULZ R, PEALL SKC, DABROWSKI JM, REINECKE AJ. Spray deposition of two insecticides into surface waters in a South African orchard area. *Journal of Environmental Quality* 2001; **30**: 814-822.
33. SCHULZ R, PEALL SKC, HUGO C, KRAUSE V. Concentration, load and toxicity of spraydrift-borne azinphos-methyl at the inlet and outlet of a constructed wetland. *Ecological Engineering* 2001; **18**: 239-245.
34. SINCLAIR BJ, SJURSEN H. Cold tolerance of the Antarctic springtail *Gomphiocephalus hodgsoni* (Collembola: Hypogastruridae). *Antarctic Science* 2001; **13**: 271-279.
35. SMIT BS, SLABBERT JP, REINECKE SA, BÖHM L. Comparison of cell inactivation by Auger electrons using the two reagents 4-[<sup>123</sup>I]iodoantipyrine and [<sup>123</sup>I]NaI. *Radiation and Environmental Biophysics* 2001; **40**: 47-52.
36. VAN DIJK DE. Jurassic bipeds that could hop? perch? pounce? fly? *South African Journal of Science* 2001; **97**: 373-374.
37. VAN DIJK DE. Osteology of the ranoid burrowing African anurans *Breviceps* and *Hemisus*. *African Zoology* 2001; **36**: 137-141.
38. VERMEULEN LA, REINECKE AJ, REINECKE SA. Evaluation of the fungicide manganese-zinc ethylene bis(dithiocarbamate) (mancozeb) for sublethal and acute toxicity to *Eisenia fetida* (Oligochaeta). *Ecotoxicology and Environmental Safety* 2001; **48**: 183-189.

### Verrigtinge internasionaal/Proceedings international

1. FLEMMING AF, BLACKBURN DG. *Evolution of placentotrophy in viviparous African and South African lizards*. Symposium on Evolutionary Transformations of Fetal Membranes and Reproductive Strategies. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001; *Journal of Morphology* 2001; **248**: 230.
2. MOUTON PLEFN, FLEMMING AF. *Osteoderm function in the lizard family Cordylidae*. 6th International Congress of Vertebrate Morphology, Jena, Germany, 2001; *Journal of Morphology* 2001; **248**: 264.
3. RAMBAU VR, ROBINSON TJ. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridization*. 14th International Chromosome Conference. Würzburg, Germany, 2001; *Chromosome Research* 2001; **9**: 50-51.
4. ROBINSON TJ. *The comparative cytogenetics of African small mammals in perspective: status, trends and bibliography*. *African Small Mammals*, 2001: 185-214.
5. ROBINSON TJ, O'BRIEN PCM, HARRISON WR, PARDINI A, FU B, FERGUSON-SMITH MA, YANG F. *Characterisation of the Aardvark flow karyotype: the search for molecular cytogenetic signatures that unite an endemic African clade of mammals, the Afrotheria*.

14th International Chromosome Conference. Würzburg, Germany, 2001; *Chromosome Research* 2001; **9**: 52.

6. VAN DEN HEEVER JA, RUBIDGE BS. *Systematic revision of the upper Permian Dinocephalian Anteosaurius (Amniota: Therapsida)*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001; *Journal of Morphology* 2001; **248**: 293.
7. VAN WYK JH, MADERSON P. *Epidermal glands in Cordyliform lizards: comparative histology and evolution*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001; *Journal of Morphology* 2001; **248**: 295.
8. VAN WYK JH, POOL EJ, LESLIE AJ. *Xenopus nuptial glands as biomarkers for environmental anti-androgens*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001; *Journal of Morphology* 2001; **248**: 295.
9. YANG F, GRAPHODATSKY AS, NIE W, TIAN Y, FU B, O'BRIEN PCM, RENS W, ROBINSON TJ, FERGUSON-SMITH MA. *Karyotype evolution in carnivores: a reappraisal by comparative chromosome painting*. 14th International Chromosome Conference. Würzburg, Germany, 2001; *Chromosome Research* 2001; **9**: 25-26.

### Referate internationaal/Papers international

1. ALBERTUS RM, REINECKE AJ, REINECKE SA, RAATH PJ. *The influence of different management practices on soil mesofaunal activity in vineyards*. International Congress of SETAC Europe. Madrid, Spain, 2001.
2. ALPERS D, ARCTANDER P, ROBINSON TJ. *Genetic relationships among roan antelope (Hippotragus equinus) populations from throughout sub-Saharan Africa using control region sequencing and microsatellite analyses*. 8th International Theriological Congress. Sun City, South Africa, 2001.
3. BENNETT ER, HAHN C, DABROWSKI JM, THIERS G, PEALL S, SCHULZ R. *Fate of spraydrift-borne azinphos-methyl in a vegetated pond in South Africa*. International Conference of SETAC (America). Baltimore, USA, 2001.
4. CHAPMAN AA, REINECKE SA, REINECKE AJ. *Cytotoxic effects of Cd, Pb and Zn in shrew and BALB/c mouse cells in vitro*. International Congress of SETAC Europe. Madrid, Spain, 2001.
5. DABROWSKI JM, SCHULZ R. *Pesticide contamination in the Lourens River, South Africa: exposure assessment using GIS*. International Conference of SETAC (America). Baltimore, USA, 2001.
6. DANIELS SR, GOUWS G, STEWART B, COKE M. *Phylogeographic evidence for introgressive hybridization between two freshwater crab species (Decapoda: Potamonautidae: Potamonautes): implication for conservation and evolutionary significant units*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
7. DANIELS SR, STEWART BA, COOK PA. *A congruent pattern of genetic variation as revealed by allozymes and mtDNA sequence analysis confirm the existence of high levels of gene flow in a burrowing freshwater crab*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
8. DANIELS SR, STEWART BA, COOK PA. *Population genetic structure and taxonomy of the burrowing freshwater crab Potamonautes obesus calcaratus (Decapoda: Brachyura: Potamonautidae)*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
9. DANIELS SR, STEWART B, MATTHEE CA, CUNNINGHAM M, GOUWS G. *Phylogeny and biogeography of southern African freshwater crab species (Decapoda: Potamonautidae: Potamonautes) based on partial sequences from 12 and 16S RNA mt DNA genes, allozymes and morphology*. 5th International Crustacean Conference. Melbourne, Australia, 2001.

10. FLEMMING AF, BLACKBURN DG. *Evolution of placentotrophy in viviparous African and South African lizards*. Symposium on Evolutionary Transformations of Fetal Membranes and Reproductive Strategies. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001.
11. GOUWS G, DANIELS SR, STEWART BA. *Allozyme electrophoresis demonstrates the presence of a species boundary in freshwater crabs (Decapoda: Potamonautidae)*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
12. GOUWS G, STEWART BA. *Genetic differentiation in the freshwater isopod Mesamphisopus capensis (Phreatoicidae: amphisopodidae) in the Western Cape, South Africa: phylogeographic insights*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
13. HURTER E, POOL E, VAN WYK JH. *Description and validation of a sensitive in vitro bioassay for detecting environmental estrogenicity using ex vivo Xenopus laevis liver slices*. International Congress of SETAC Europe. Madrid, Spain, 2001.
14. HURTER E, POOL E, VAN WYK JH. *An ex vivo Xenopus laevis liver slice bioassay for vitollegenin induction by environmental estrogens*. International Congress of SETAC Europe. Madrid, Spain, 2001.
15. MATTHEE CA. *The utility of nuclear DNA sequences for constructing mammalian phylogenies: evidence from the order Cetartiodactyla and the family Bovidae*. 8th International Theoretical Congress. Sun City, South Africa, 2001.
16. MATTHEE S, DREYER FH, VAN NIEKERK FE. *Nematode control practices on thoroughbred horses in South Africa*. 18th International WAAVP Conference. Stresa, Italy, 2001.
17. MATTHEE S, KRECEK RC, GUTHRIE AJ. *Alternative helminth control methods and internal parasite burdens in donkeys*. 18th International WAAVP Conference. Stresa, Italy, 2001.
18. MONTGELARD C. *Suprafamilial phylogeny of sciurognathi (rodentia) : molecular and paleontological contributions*. 8th International Theoretical Congress. Sun City, South Africa, 2001.
19. MOUTON PleFN, FLEMMING AF. *Osteoderm function in the lizard family Cordylidae*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001.
20. MOUTON PleFN, VISAGIE L, FLEMMING AF. *Grouping behaviour in the armadillo lizard, Cordylus cataphractus, from South Africa*. 4th World Congress of Herpetology. Colombo, Sri Lanka, 2001.
21. NEL JAJ. *Bat-eared foxes as predators on harvester termites*. International Conference on Canid Biology and Conservation. Oxford, UK, 2001.
22. NEL JAJ. *What do we know and what do we not know about the biology, distribution and threats of Africa otters?* 8th International Theoretical Congress. Sun City, South Africa, 2001.
23. NEL JAJ, LOUIT R, BRABY R. *Black-backed jackal social organization in relation to food dispersion on a desert coast*. International Conference on Canid Biology and Conservation. Oxford, UK, 2001.
24. ODENDAAL JP, REINECKE AJ. *The relationship between hepatopancreas cell damage and mass change resulting from cadmium exposure in Porcellio laevis*. International Congress of SETAC Europe. Madrid, Spain, 2001.
25. POOL EJ, VAN WYK JH. *Biomarker assays to screen for estrogenic EDCs in fishes and amphibians*. International Congress of SETAC (USA). Baltimore, USA, 2001.
26. RAMBAU VR, ROBINSON TJ. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridization*. 14th International Chromosome Conference. Würzburg, Germany, 2001.
27. REINECKE AJ, MABOETA MS, REINECKE SA. *Field evaluation of a cellular biomarker response to copper oxychloride in an indigenous Microchaetus population*. 3rd International Workshop on Earthworm Ecotoxicology. Aarhus, Denmark, 2001.
28. REINECKE SA, REINECKE AJ. *Evaluation of the comet assay as biomarker of toxicity in earthworms*. 3rd International Workshop on Earthworm Ecotoxicology. Aarhus, Denmark, 2001.

29. REINECKE SA, REINECKE AJ, HELLING B. *Relation between neutral-red retention responses and ecologically relevant life-cycle parameters in earthworms*. International Congress of SETAC Europe. Madrid, Spain, 2001.
30. ROBINSON TJ, O'BRIEN PCM, HARRISON WR, PARDINI A, FU B, FERGUSON-SMITH MA, YANG F. *Characterisation of the Aardvark flow karyotype: the search for molecular cytogenetic signatures that unite an endemic African clade of mammals, the Afrotheria*. 14th International Chromosome Conference. Würzburg, Germany, 2001.
31. 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, 2001.
32. SCHULZ R. *Assessment of aquatic pesticide exposure in orchard areas: comparison of spraydrift and runoff*. International Conference of SETAC (America). Baltimore, USA, 2001.
33. SCHULZ R. *Use of a constructed wetland in South Africa to manage non-point source insecticide contamination*. International Conference of SETAC (America). Baltimore, USA, 2001.
34. SCHULZ R, DABROWSKI JM. *Combined effects of predatory fish and sublethal pesticide contamination on Mayfly Nymphs*. International Conference of SETAC (America). Baltimore, USA, 2001.
35. SCHULZ R, MOORE MT, BENNETT ER, MILAM CD, BOULDIN JL, FARRIS JL, SMITH Jr. S, COOPER CM. *Methyl-parathion effects on macro-invertebrates in vegetated and unvegetated wetland mesocosms*. International Conference of SETAC (America). Baltimore, USA, 2001.
36. SINCLAIR BJ, ADDO-BEDIAKO, CHOWN SL. *Why are there so many freeze tolerant insects in the Southern Hemisphere?* 4th European Workshop on Invertebrate Eco physiology. St Petersburg, Russia, 2001.
37. STEWART BA, GOUWS G, MATTHEE CA, DANIELS SR. *Delimitation of cryptic sponge crab species of the genus Pseudodromia (Decapoda : Dromiidae) from South Africa*. 5th International Crustacean Conference. Melbourne, Australia, 2001.
38. TESKE PR, MATTHEE CA, CHERRY M. *Population genetics of the Knysna seahorse, Hippocampus capensis*. 6th Indo-Pacific Fish Conference. Durban, South Africa, 2001.
39. VAN DEN HEEVER JA, RUBIDGE BS. *Systematic revision of the upper permian dinocephalian Anteosaurus (Amniota: Therapsida)*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001.
40. VAN WYK JH, MADERSON P. *Epidermal glands in Cordyliform lizards: comparative histology and evolution*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001.
41. VAN WYK JH, POOL EJ, LESLIE AJ. *Xenopus nuptial glands as biomarkers for environmental anti-androgens*. 6th International Congress of Vertebrate Morphology. Jena, Germany, 2001.

42. YANG F, FU B, O'BRIEN PCM, SOLANKY N, MILNE BS, ROBINSON TJ, FERGUSON-SMITH MA. *Mapping the conserved chromosomal segments in human, horse and Burchell's zebra by reciprocal chromosome painting*. 3rd European Cytogenetics Conference. Paris, France, 2001.
43. YANG, F, GRAPHODATSKY AS, NIE W, TIAN Y, FU B, O'BRIEN PCM, RENS W, ROBINSON TJ, FERGUSON-SMITH MA. *Karyotype evolution in carnivores: a reappraisal by comparative chromosome painting*. 14th International Chromosome Conference. Würzburg, Germany, 2001.

### Referate nasionaal/Papers national

1. BAARD EHW, BRANCH WR, CHANNING AC, DE VILLIERS AL, LE ROUX A, MOUTON PleFN. *The amphibians and reptiles of the Cape Floristic Kingdom – facts, threats and conservation issues*. 6th Herpetological Association of Africa Symposium. Stellenbosch, 2001.
2. BATES MF, MOUTON PleFN, SWARTZ E. *Taxonomy and distribution of the Cordylus melanotus and C. microlepidotus complexes: an interim report*. 6th Herpetological Association of Africa Symposium. Stellenbosch, 2001.
3. MABOETA MS, REINECKE SA, REINECKE AJ. *Linking lysosomal biomarker and population responses in a field population of Aporrectodea caliginosa (Oligochaeta) exposed to the fungicide copper oxochloride*. Biology Section, SA Akademie vir Wetenskap en Kuns. Potchefstroom, 2001.
4. MABOETA MS, REINECKE AJ, REINECKE SA. *The relation between lysosomal biomarker and population responses in a field population of Microchaetus sp (Oligochaeta) exposed to the fungicide copper oxochloride*. Biology Section, SA Akademie vir Wetenskap en Kuns. Potchefstroom, 2001.
5. MATTHEE S, DREYER FH, VAN NIEKERK FE. *Helminth control practices on thoroughbred horse farms in South Africa*. 30th Annual Conference of the Parasitological Society of Southern Africa. Gordon's Bay, 2001.
6. SNYMAN RG, REINECKE AJ, REINECKE SA. *The field application of a lysosome assay as biomarker of copper oxochloride exposure in the snail, Helix aspersa*. Zoological Society of Southern Africa. University of Port Elizabeth, 2001.
7. STRYDOM AV, VAN WYK JH, LESLIE A. *Seasonal variation in the female reproductive cycle of the Helmeted turtle, Pelomedusa subrufa*. 6th Herpetological Association of Africa Symposium. Stellenbosch, 2001.
8. STRYDOM AV, VAN WYK JH, LESLIE A. *Seasonal variation in the male reproductive cycle of the Helmeted turtle, Pelomedusa subrufa*. Zoological Society of Southern Africa. University of Port Elizabeth, 2001.
9. TESKE PR, MATTHEE CA, CHERRY M. *Conservation genetics of the Knysna seahorse, Hippocampus Capensis*. Zoological Society of Southern Africa. University of Port Elizabeth, 2001.
10. VAN WYK JH. *Biomarker development, validation and implementation for assessment of EDC activities in natural water resources in South Africa*. Workshop paper Finland Environmental Research Cooperation. RAU, Johannesburg, 2001.
11. VISAGIE L, MOUTON PleFN, FLEMMING AF. *The effect of group size on seasonal activity patterns and foraging behaviour in Cordylus cataphractus*. 6th Herpetological Association of Africa Symposium. Stellenbosch, 2001.
12. VISAGIE L, MOUTON PleFN, FLEMMING AF. *Quiescence in Cordylus cataphractus: inactivity as a strategy to reduce energy expenditure in a group-living lizard*. Zoological Society of Southern Africa. University of Port Elizabeth, 2001.

### Doktoraal afgehandel/Doctoral completed

1. SNYMAN RG. *Cellular biomarkers of the fungicide copper oxochloride, in the common garden snail Helix aspersa in Western Cape vineyards*. PhD, 2001. 154 pp. Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.



2. SOMERS MJ. *Habitat utilization of Cape clawless otters Aonyx capensis*. PhD, 2001. 225 pp. Promotor/medepromotor: Prof JAJ Nel/dr H Kruuk (University of Aberdeen, Scotland).

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

1. CHAPMAN AA. *The transfer of toxic metals through food chains from soil invertebrates to predators and cellular effects*. MSc, 2001. 105 pp. Studieleier/medestudieleier: Dr SA Reinecke/prof AJ Reinecke.
2. DABROWSKI JM. *Integration of data on land-use, pesticide contamination and biological effects for agricultural surface waters using Geographical Information Systems*. MSc cum laude, 2001. 81 pp. Studieleier/medestudieleier: Dr R Shultz (Tegniese Universiteit Braunschweig, Duitsland)/prof AJ Reinecke.
3. DU TOIT A. *Ecology of the Cape grass lizard, Chamaesaura anguina (Cordylidae)*. MSc cum laude, 2001. 102 pp. Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.
4. LE ROUX A. *The role of vocalizations in the behaviour of whistling rats of the genus Parotomys*. MSc cum laude, 2001. 91 pp. Studieleier/medestudieleier: Dr MI Cherry/dr T Jackson (UP).
5. NIEWOUDT CJ. *The effects of costal lowland instability: terrestriality and group living in Cordylus macropholis and melanism in Cordylus polyzonus*. MSc, 2001. 124 pp. Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.
6. STRYDOM AV. *The seasonal reproductive cycle of the fresh water turtle, Pelomedusa subrufa*. MSc, 2001. 148 pp. Studieleier/medestudieleier: Prof JH van Wyk/dr A Leslie.
7. THERON D. *Seasonal reproductive cycle in the soupfin shark Galeorhinus galeus*. MSc, 2001. 115 pp. Studieleier: Prof JH van Wyk.
8. VAN NIEKERK CH. *Past and present climates: owl pellet composition as an indicator of local climatic change*. MScAgric, 2001. 127 pp. Studieleier/medestudieleier: Prof JAJ Nel/dr DM Avery (SA Museum, Cape Town).
9. VISAGIE L. *Grouping behaviour in the armadillo lizard, Cordylus cataphractus*. MSc, 2001. 80 pp. Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.

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

1. BATES MF. *An analysis of the Pseudocordylus melanotus and P. microlepidotus complexes (Sauria: Cordylidae)*. PhD Promotor/medepromotor: Prof PleFN Mouton/dr WR Branch (PE Museum).
2. DANIELS S. *Phylogenetics and aspects of the evolutionary biology of freshwater crabs (Potamonautes) from South Africa*. PhD Promotor/medepromotor: Prof BA Cook/dr CA Matthee.
3. EVANS F. *Taphonomy, palaeoecology and Palaeonbiogeography of some Palaeozoic fishes from southern Gondwana*. PhD Promotor/medepromotor: Dr J Long (Museum of Western Australia)/dr JA Van den Heever.
4. GOUWS G. *Biogeography, systematics and conservation of phreatoicid isopods in South Africa*. PhD Promotor: Dr BA Cook.

5. 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 a bioindicator for detecting estrogenic contaminants in the environment.* PhD Promotor/medepromotor: Prof JH van Wyk/dr EJ Pool.
6. LOUBSER GJJ. *Western Cape and Namaqualand herpetofaunal diversity as an ecotourism resource.* PhD Promotor/medepromotor: Prof PleFN Mouton/prof JA 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 biomarkers van metal besoedeling in die houtluis, Porcelio laevis (Crustacea, Isopoda).* PhD Promotor: Prof AJ Reinecke.
9. PARDINI A. *Comparative genome analysis in the Afrotheria.* PhD Promotor: Prof TJ Robinson.
10. RAMBAU RV. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridisation.* PhD Promotor: Prof TJ Robinson.
11. TESKE PR. *Population genetics of the endangered Knysna seahorse, Hippocampus capensis: implications for conservation and management.* PhD Promotor/medepromotor: Dr MI Cherry/dr CA Matthee.

### 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. BURGER L. *Hormonal control of breeding glands in Xenopus laevis males (effects of environmental anti-androgens).* MSc Studieleier/medestudieleier: Prof JH Van Wyk/dr E Pool.
4. 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).
5. SEARBY CA. *The histology of generation glands, with special refernce to skin shedding cycles in selected girdled lizards (Sauria: Cordylidae).* MSc Studieleier: Prof JH Van Wyk.
6. SHARPE L. *The evolution of male reproductive strategies in Suricata suricata.* MSc Studieleier/medestudieleier: Dr MI Cherry/prof TH Clutton-Brock (University of Cambridge).
7. WILLOWS-MUNRO S. *Molecular evolution of the spiral horn antelope (Tragelaphini).* MSc Studieleier/medestudieleier: Prof TJ Robinson/dr CA Matthee.

## VERBRUIKERSWETENSKAP: VOEDSEL, KLEDING, BEHUISING / CONSUMER SCIENCE: FOODS, CLOTHING, HOUSING

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2. O'NEILL RC, VILJOEN L. Support for female entrepreneurs in South Africa: improvement or decline? *Journal of Family Ecology and Consumer Sciences* 2001; **29**: 37-44.
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5. VAN DER MERWE M, ALBERTYN RM, VAN WYK AS, VAN DER MERWE ME. *The effect of different teaching methods on transformation, empowerment and knowledge in adult education*. Sixth Conference of the South African Association for Family Ecology and Consumer Sciences. Pretoria, 2001: 1 pp.
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2. 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.
3. KEYTER C. *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 for pregnant women.* PhD Promotor: Dr M Senekal.
5. MHANGO MW. *Development of a curriculum framework for localising the fashion and fabrics subject in senior secondary schools in Botswana.* PhD Promotor: Prof EM Visser.
6. MULLER M. *Cross-cultural sensory study of South African food products using internal and external preference mapping.* PhD Promotor: Prof H Heymann.
7. VAN HUYSTSTEEN S. *Development of a model for educating human settlement development managers for developing countries.* PhD Promotor: Prof EM Visser.
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2. CRAFTFORD K. *The marketing and consumption of game meat in the Cape Metropole.* MVerbruikerswet Studieleier: Dr LC Hoffman.
3. DE JONGH J. *Ontwikkeling van 'n lae vet graanprodukt en die effek van verskillende veselvlakke op die glusemiese 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.
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9. MATTHEE S. *Developing recipes for a two-week menu cycle for the allergic child – a participatory approach.* MScVerbruikerswet Studieleier: Dr MC Vosloo.
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14. MATUTU P. Stably continuous sigma frames. *Quaestiones Mathematicae* 2001; **24**: 201-211.
15. MAXSON CJ, VAN DER MERWE AB. Functions and polynomials over finite commutative rings. *Aequationes Mathematicae* 2001; **62**: 30-38.
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3. HOLGATE D. *On the Zariski closure*. 4th Italian-Spanish Conference on General Topology and its Applications. Bressanone, Italië, 2001.
4. HOLGATE D, CASTELLINI G. *A link between two notions of connectedness*. International Conference on Applicable General Topology. Hacettepe Universiteit, Ankara, Turkye, 2001.
5. KRÖGER DG, BUYS JD. *Performance evaluation of a solar chimney power plant*. International Solar Energy Society 2001 Solar World Congress. Adelaide, Australia, 2001.
6. MARITZ P. *The partial sums of an infinite series and the range of a measure*. Nordic Conference on Topology and its applications. Sophus Lie Kongressentrum, Nordfjordeid, Noorweë, 2001.
7. MATUTU P. *Stably continuous  $\sigma$ -frames*. 9th Prague Topology Symposium 2001. Prague, Cech Republic, 2001.
8. MOUTON S. *Continuity of the spectral radius of a positive element*. 15de Internasionale Kongres oor Banach Algebras (BALTICON 2001 – Banach algebra theory in context). Odense, Denemarke, 2001.
9. ROHWER CH. *Trend preserving multiresolution analysis*. IDoMAT 2001 – 3rd International Meeting on Approximation Theory. Dortmund, 2001.

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3. GREEN B. *Counting points on hyperelliptic curves using Monsky-Washnitzer cohomology*. Volkswagen Foundation Workshop on Arithmetic Geometry and Data Security. University of Stellenbosch, 2001.
4. GREEN B. *Liftings of galois covers of curves, group theoretic obstructions*. International Workshop on the arithmetic of curves: Deformation theory and counting points on curves. University of Stellenbosch, 2001.
5. HOLGATE D. *Zariski closure in topology*. Jaarkongres SAWV, Universiteit van Durban-Westville. Durban, 2001.
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### Kreatiewe werke/Creative work

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### Doktoraal lopend/Doctoral current

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2. PIENAAR M. *Selected topics relating to finite semigroups and formal languages*. PhD Promotor: Prof M Wild.

**Magister Iopend/Master's current**

1. WEIGT M. *Spectrum preserving linear operators between Banach algebras*. MSc  
Studieleier: Dr S Mouton.



**FAKULTEIT OPVOEDKUNDE**

**FACULTY OF EDUCATION**



**DIDAKTIEK**  
**(waarby ingesluit die Inligtingsentrum vir**  
**Kinderlektuur en -media (ISKEMUS) en**  
**die Sentrum vir Hoër en Volwasse Onderwys) /**  
**DIDACTICS**  
**(including the Information Centre for Children's Literature**  
**and Media and the Centre for Higher and Adult Education)**

**Tydskrifartikels/Journal articles**

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15. ROUX CD. Paradigm shift in teaching Religion. *Journal for the Study of Religion* 1998; **11**(2): 125-138.
16. ROUX CD. Religious education in South Africa: myth or reality? *Panorama, International Journal of Comparative Religious Education and Values* 2001; **13**(1): 17-26.
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9. LE GRANGE LLL. *Challenges for higher education transformation in South Africa: Integrating the local and the global*. 12th Biennial Conference of the South Africa Association for Research and Development in Higher Education. Bloemfontein, 2001.
10. LE GRANGE LLL. *Empowering school managers/leaders through environmental education*. Conference on the Empowerment of School Leaders through Democratic Values. Stellenbosch, 2001.
11. RIDGE E. *Transformative pedagogy and distance education*. 20th Conference of the Southern African Applied Linguistics Association: African Oddysey 2001: Explorations in Applied Linguistics. Grahamstown, 2001.
12. ROUX CD. *Diversities for teachers training programmes in religion in education – Problems and proposals*. National Conference of the South African Academy of Religion. Pretoria, 2001.

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1. RIDGE E, MAKONI S, RIDGE SGM. *Freedom and discipline: essays in Applied Linguistics from Southern Africa*. Bahri Publications, 2001. 262 pp.

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1. RIDGE E. Reflecting on a programme in action: towards theory-based evaluation. In: Ridge E, Makoni S, Ridge SGM, (eds). *Freedom and Discipline*. Bahri, 2001: 199-218.

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1. BOWMAN W. *The evaluation of an accreditation programme for quality improvement in private physiotherapy practice in South Africa*. PhD, 2001. 221 pp. Promotor/medepromotor: Prof CA Kapp/dr TD van der Merwe.
2. LE GRANGE LLL. *Pedagogical practices in a higher education context: case studies in environmental and science education*. PhD, 2001. 280 pp. Promotor/medepromotor: Prof DR Schreuder/prof Y Waghid.
3. REDDY CPS. *Teacher responses to education policy reforms: case studies of in-service processes in the Western Cape Province of South Africa*. PhD, 2001. 232 pp. Promotor: Prof DR Schreuder.
4. ROBERTSON CK. *Developing edutainment principles and practices for audio-visual representations of Biblical books*. PhD, 2001. 322 pp. Promotor/medepromotor: Dr CD Roux/prof I Cornelius.
5. VAN BELKUM C. *A process of quality improvement for outcomes-based critical care nursing education*. PhD, 2001. 334 pp. Promotor/medepromotor: Prof CA Kapp/dr TD van der Merwe.

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2. GOVENDER D. *The creation of an environment conducive to adult distance learning at Technikon Southern Africa*. MPhil, 2001. 103 pp. Studieleier: Prof CA Kapp.
3. KHUMALO KH. *The effects of cooperative learning on student performance in English as a second language with specific reference to Madadeni College of Education*. MPhil, 2001. 170 pp. Studieleier: Prof CA Kapp.
4. LAMPEN CE. *Die ontwikkeling van kinders se geometrisering van drie-dimensionele voorwerpe*. MEd cum laude, 2001. 224 pp. Studieleier: Mev JC Murray.

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2. CROFTON O. *The development, implementation and evaluation of a needs-based housing training programme for transitional local authority housing officials in South Africa*. PhD Promotor: Prof EM Bitzer.
3. DE VILLIERS D. *'n Kurrikulumraamwerk vir volhoubare sportbestuursopleiding in Suid-Afrika: kritiese evaluering van enkele sportbestuurskurrikula*. PhD Promotor: Prof EM Bitzer.
4. DODGEN HJ. *Xhosa-speaking pupils' understanding of heat and temperature*. DED Promotor: Dr AS Jordaan.
5. DOWNING C. *A framework for performance assessment at Technikon South Africa (TSA)*. PhD Promotor: Prof EM Bitzer.
6. DU PLOOY HC. *'n Onderzoek na die invloed van deurlopende assessering op die wiskundeprestasie van leerders in die voortgesette onderwys- en opleidingsfase*. PhD Promotor/medepromotor: Dr JH Smit/mnr AI Olivier.
7. ENGELBRECHT F. *The evaluation of a competency-based teacher training pilot programme at the University of Namibia*. PhD Promotor/medepromotor: Prof EM Bitzer/prof AE Carl.
8. ESSACK S. *Mentorship – an innovative approach towards professional development*. PhD Promotor: Prof CA Kapp.
9. ESTERHUIZEN MB. *Die ontwikkeling van 'n geïntegreerde bevoegdheidsgebaseerde menslike hulpbronmodel vanuit 'n onderwys en opleidingsperspektief*. PhD Promotor: Prof CA Kapp.
10. GREEN WJ. *The use of the TRAC PAC as a micro-computer based laboratory (MBL) tool in improving teachers' and learners' understanding of graphs of motion and related concepts*. PhD Promotor: Dr AS Jordaan.

11. GRUNDLINGH J. *Continuing professional learning for facilitators of distance education at the Technikon SA*. PhD Promotor: Prof CA Kapp.
12. HANSEN JK. *The English curriculum in multicultural education in South Africa*. PhD Promotor: Dr E Ridge.
13. HERMANSON C. *A thinking skills programme for change agents at middle management level: a study in continuing professional education*. PhD Promotor: Prof CA Kapp.
14. KIM YM. *Didactic strategies for the use of lyrics in religious education*. PhD Promotor: Dr CD Roux.
15. LE ROUX A. *Die invloed van voorkennis op die benutting van probleemgesentreerde leerleenthede in rekenkunde*. DEd Promotor: Prof PG Human.
16. LOUW A. *'n Ondersoek na studente-uitval aan Landbou-opleidingsinstellings in die Wes-Kaap: probleemareas en strategieë*. PhD Promotor/medepromotor: Prof EM Bitzer/dr C Troskie-de Bruin.
17. MERTS C. *A generic transformational model for outcomes-based instructional design for MTR1 training in the Department of Defence*. PhD Promotor: Prof CA Kapp.
18. MURRAY JC. *Die voorkoms van spontane reken-strategieë by junior primêre leerlinge*. DEd Promotor: Prof PG Human.
19. NAKASA S. *Student academic underpreparedness at South African technikons*. PhD Promotor: Dr E Ridge.
20. NATHANSON RR. *The interaction between whole school development and ESL teaching practices in the classroom at primary school level*. PhD Promotor: Dr E Ridge.
21. 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.
22. NKANDU E. *The development of peer educators in preventative health education in selected Lusaka communities*. PhD Promotor: Prof CA Kapp.
23. PAULSEN ME. *Co-operative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.
24. PEPLER AP. *Die effek van die ontwikkeling van 'n Geletterdheidsprogram op die professionele ontwikkeling van graad R-opvoeders*. PhD Promotor/medepromotor: Dr H Menkveld/dr R Hall.
25. RHODES BD. *Values and religion in outcomes-based education: explaining possibilities in a diverse school environment*. PhD Promotor: Dr CD Roux.
26. ROGERS L. *Die ontwikkeling van onderwysers ten opsigte van uitkomsgebaseerde benadering: 'n kwalitatiewe evaluering*. PhD Promotor: Prof AE Carl.
27. SCHOLTZ JF. *A proposal model of post-graduate medical training for a new health care dispensation*. PhD Promotor: Prof CA Kapp.
28. UNGERER E. *Deurlopende assessering in Uitkomsgebaseerde onderwys in die algemene onderwys en opleidingsfase*. PhD Promotor: Prof AE Carl.
29. 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.
30. VAN HEERDEN JE. *Junior sekondêre leerlinge se vlak van bewustheid van bewerkingseienskappe*. DEd Promotor: Prof PG Human.
31. VAN ZYL KC. *An investigation into the potential of a PowerPoint3-based instructional resource in improving the teaching of Physical Science*. PhD Promotor: Dr AS Jordaan.
32. YOUNG MH. *Curriculum development in horticulture within the SA Qualifications Authority Framework*. PhD Promotor: Prof AE Carl.

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1. ADAM J. *Tegnologie-onderwys in die huidige Suid-Afrikaanse konteks*. MPhil Studieleier/medestudieleier: Prof AE Carl/dr V 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. BESTER J. *Die evaluering van 'n opleidingsprogram vir vrywillige werkers betrokke by 'n gemeenskapsprojek*. MPhil Studieleier: Prof CA Kapp.
4. BOOYSEN IV. *The transformation of night schools to ABET centres with special reference to the ITHUTENG project*. MPhil Studieleier: Prof CA Kapp.
5. DANIELS F. *The institutionalisation of service-learning as a means to promote institutional and curricular relevance*. MPhil Studieleier: Prof CA Kapp.
6. DANIELS TB. *Optimising the use of TRAC PAC's in science education in South African schools*. MEd Studieleier: Dr AS Jordaan.
7. DAVIDS CJ. *An investigation into the potential of the TRAC programme in addressing the needs of the different stakeholders in science education*. MEd Studieleier: Dr AS Jordaan.
8. FETYANA S. *Challenges facing the transformation of Technical Colleges in the Eastern Cape Province*. MPhil Studieleier: Prof CA Kapp.
9. GREENHALGH L. *Utilising multiple intelligences within outcomes-based education: a case study*. MEd Studieleier: Dr E Ridge.
10. ISAACS A. *An evaluation of the MTN-SUNSTEP project on the learning and teaching of science*. MEd Studieleier: Dr AS Jordaan.
11. MAHOMED C. *The facilitation of adult basic education and training: a case study in two industries in Port Elizabeth*. MPhil Studieleier: Prof CA Kapp.
12. 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.
13. MTOSE X. *Teaching portfolios for professional development in an in-service education programme for school educators*. MPhil Studieleier: Prof EM Bitzer.
14. 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.
15. NGIDE MMBAMBO B. *A survey on knowledge and skill of Umlazi domestic workers in home management*. MPhil Studieleier: Prof CA Kapp.
16. NGIDI B. *A survey on knowledge and skills of Umlazi domestic workers in home management*. MPhil Studieleier: Prof CA Kapp.
17. NJAMELA DN. *Assessment practices in the Education Department of Eastern Cape Technikon: a critical evaluative study*. MPhil Studieleier: Prof EM Bitzer.
18. NOVEMBER T. *Die evaluering van die effektiwiteit van 'n HIV/VIGS voorligtingsprogram*. MPhil Studieleier: Prof CA Kapp.
19. REYNECKE FJ. *The development of a performance appraisal system for the Programme Group Police Practice: Technikon Southern Africa*. MPhil Studieleier: Prof CA Kapp.
20. VAN GREUNEN SF. *The South African Police Service Detective and Crime Intelligence Academy as a lifelong learning community*. MPhil Studieleier: Prof CA Kapp.
21. VAN SCHALKWYK S. *A critical analysis of student generic outcomes development in a technikon diploma programme*. MPhil Studieleier: Prof EM Bitzer.

## OPVOEDINGSBELEIDSTUDIE / EDUCATION POLICY STUDIES

### Tydskrifartikels/Journal articles

1. CARL AE, DE KLERK J. Waardeopvoeding in 'n jong demokrasie en Kurrikulum 2005: panasee of mynveld? *Tydskrif vir Geesteswetenskappe* 2001; **41**(1): 21-32.
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3. WAGHID Y. Designing distance learning materials using a dialogic theory of language. *Per Linguam* 1999; **15**(4): 1-9.
4. WAGHID Y. Globalisation and higher education restructuring: Is democracy under threat? *Journal of Education Policy* 2001; **16**(5): 455-464.



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6. WAGHID Y. Philosophy of education as reflective action: towards metaphysical objectivity. *South African Journal of Education* 2001; **21**(1): 84-87.
7. WAGHID Y. Reflexive democratic discourse and classroom pedagogy. *South African Journal of Education* 2001; **21**(1): 1-5.
8. WAGHID Y. Reflexivity, democracy and praxis: reflecting on a critical moment in classroom pedagogy. *Perspectives in Education* 2001; **19**(1): 29-37.
9. WAGHID Y. Restating a philosophy of education: integrating the personal, public and professional dimensions of al-Attas' view on philosophy of education. *South African Journal of Higher Education* 2001; **15**(3): 210-215.
10. WAGHID Y. Towards equality through distance education: a higher education case study. *South African Journal of Education* 2001; **21**(3): 176-181.
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2. STEYN JC. *Balancing quality and equality in educational transformation*. Department of Educational Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2001: 21-28.
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1. WAGHID Y. *Cultivating critical pedagogy through practical reasoning*. Summer School of the International Centre for Graduate Studies. University of Hamburg, Germany, 2001.
2. WAGHID Y. *Identity, practical reasoning and engagement: in quest of the common good*. Summer School of the International Centre for Graduate Studies. University of Hamburg, Germany, 2001.
3. WAGHID Y. *Politics and identity: exploring communitarian notions of justice and rights*. Summer School of the International Centre for Graduate Studies. University of Hamburg, Germany, 2001.

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1. DE KLERK J. *Multiple intelligence: the missing key to transformational leadership*. Department of Educational Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2001.
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3. WAGHID Y. *Cultivating critical reflection and interactionism*. Conference on Values, Education and Democracy. Cape Town, 2001.
4. WAGHID Y. *Educational development in rural schools: exemplifying the personal dimension of community*. Education Association of South Africa Conference. Port Elizabeth, 2001.
5. WAGHID Y. *Exploring communitarian liberalist prospects for deliberative democracy and effective educational leadership*. Department of Education Policy Studies and Konrad Adenauer Foundation Conference. Stellenbosch, 2001.

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1. WAGHID Y. *A conceptual analysis of a reflexive democratic praxis related to higher education transformation in South Africa*. PhD, 2001. 274 pp. Promotor: Prof JC Steyn.

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

1. FAKIER M. *A philosophical study of structural and conceptual trends underlying the development of outcomes-based education*. MEd, 2001. 180 pp. Studieleier: Prof Y Waghid.
2. JANTJIES AB. *Die effektiewe funksionering van beheerliggame: 'n gevallestudie in die Grabouw-area*. MEd, 2001. 116 pp. Studieleier: Dr DJL Taylor.

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

1. AVENANT L. *Entrepreneurskap in skoolverband; 'n onderwysbestuurskundige benadering*. PhD Promotor: Dr LP van Kradenburg.
2. KLEYNSCHELD R.J. *Die vennootskapskonsep in skoolonderwys in die RSA*. PhD Promotor/medepromotor: Dr WS du Plessis/prof JC Steyn.
3. MSENGANA NW. *The significance of the concept Ubuntu for educational leadership development*. PhD Promotor: Prof NP Prinsloo.
4. VAN NIEKERK H. *Enabling organizational knowledge through action learning – a philosophical study*. PhD Promotor/medepromotor: Prof Y Waghid/prof M Leibold.

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

1. ARENDSE AJ. *Die onderrig- en leerkuultuur in kinderhuisskole: 'n onderwysbestuursperspektief*. MEd Studieleier: Prof NP Prinsloo.
2. BOYA NV. *The management of the learning and teaching culture in two selected schools in the Umtata district*. MEd Studieleier: Prof NP Prinsloo.
3. DAVIES MV. *Die evaluering van skoolbeleid: 'n gevallestudie van gesellekteerde skole in Kimberley*. MEd Studieleier: Dr DJL Taylor.
4. KESTEN EE. *Die rol van beheerliggame tydens die herstrukturierungsproses in gesellekteerde skole in die Wes-Kaap Provinsie*. MEd Studieleier: Dr DJL Taylor.
5. LINDERS H. *Kapasiteitsbou van skoolbeheerliggame: 'n gevallestudie van gesellekteerde skole in die Wes-Kaap Provinsie*. MEd Studieleier: Dr DJL Taylor.
6. MARTHINUS M. *Morele opvoeding aan leerders binne die konteks van plekke van veiligheid in Wes-Kaapland*. MEd Studieleier: Prof JC Steyn.
7. TSHIFURA VW. *The role of school governing bodies in the rural areas in the Northern Province*. MEd Studieleier: Dr DJL Taylor.

<p style="text-align: center;"><b>OPVOEDKUNDIGE SELKUNDE EN SPESIALISERINGSONDERWYS / EDUCATIONAL PSYCHOLOGY AND SPECIALIZED EDUCATION</b></p>
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1. CILLIERS CD, DE KLERK EC. Theory-based prediction of academic performance at a South African university. *International Journal of Special Education* 2001; **16**(1): 90-109.
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3. ENGELBRECHT P, FORLIN C, ELOFF I, SWART E. Developing a support programme for teachers involved with inclusion in South Africa. *International Journal of Special Education* 2001; **16**(1): 80-89.
4. ENGELBRECHT P, SWART E, ELOFF I. Stress and coping skills of teachers with a learner with Down Syndrome in inclusive classrooms. *South African Journal of Education* 2001; **21**(4): 256-260.
5. SMIT AG, LIEBENBERG-SIEBRITS L. The training of teachers in using the crisis to learn. *Perspectives in Education* 2001; **19**(3): 121-132.
6. WAGHID Y, CILLIERS C. Integrating university research, teaching and community service: a practice of greater social relevance. *International Journal of Special Education* 1999; **15**(2): 46-64.

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1. HALL R, ROSSOUW W. *Assessment: transforming policy into practice*. Konrad Adenauer Stiftung: Democratic Transformation of Education. Stellenbosch, 2001: 89-95.

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1. ADAMS QNP, ACKERMANN CJ. *The relationship between identity formation and family functioning in adolescence*. Xth European Conference on Developmental Psychology (ECDP). Uppsala, Sweden, 2001.
2. ALBERTS A, MBALO NF, ACKERMANN CJ. *Adolescents' perceptions of the relevance of different domains of identity formation: a South African cross-cultural study*. Xth European Conference on Developmental Psychology (ECDP). Uppsala, Sweden, 2001.
3. CILLIERS CD, KILPIN M. *Transformative learning: an exploratory analysis of theory and practice in a study and thinking skills programme*. 8th International Conference of the International Association for Cognitive Education (IACE). Jyväskylä, Finland, 2001.
4. CILLIERS CD, NISSEN C. *An evaluation of a South African thinking skills programme for primary school learners*. 8th International Conference for the International Association for Cognitive Education (IACE). Jyväskylä, Finland, 2001.
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6. ENGELBRECHT P, FORLIN C. *The development of preservice education courses for inclusive education: a comparative study*. International Conference in Special Education. Antalya, Turkey, 2001.
7. HALL R. *Inclusive assessment at a rural school: a South African case study*. 24th International School Psychology Colloquium: Psychology and Education for the 21st Century. Dinan, France, 2001.
8. HALL R, ROSSOUW W. *Reading assessment and support in a rural school: a socio-cultural perspective*. 24th International School Psychology Colloquium: Psychology and Education for the 21st Century. Dinan, France, 2001.
9. NEWMARK R. *The role of the educational psychologist in education through creative media*. 41st International Conference of the World Education Fellowship. Sun City, South Africa, 2001.
10. ROSSOUW W, HALL R. *The challenges of assessment in inclusive education: a South African case study*. International Conference on Special Education. Antalya, Turkey, 2001.
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13. SWART E, ENGELBRECHT P, ELOFF I. *Identifying stressors for South African teachers in the implementation of inclusive education*. International Conference on Special Education. Antalya, Turkey, 2001.

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2. DE WET B, ACKERMANN CJ. *The relationship between identity development and family functioning*. EASA-Conference. Port Elizabeth, 2001.
3. ELOFF I, SWART E, ENGELBRECHT P. *The impact of inclusion: Attitudes and stress in South African educators*. Psychological Society of South Africa. 7th National Conference. Johannesburg, 2001.
4. ENGELBRECHT P, OSWALD M, SWART E, ELOFF I. *Including learners with an intellectual disability: stressors for teachers*. Conference on promoting the resilience of individuals with intellectual disability in Africa. East London, 2001.
5. HALL R. *Celebrating diversity through collaboration, consultation and teamwork*. Konrad Adenauer Stiftung: Democratic Transformation of Education. Stellenbosch, 2001.
6. HALL R. *Challenges of inclusive assessment: a case study*. Psychological Society of South Africa, 7th National Conference. Johannesburg, 2001.
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9. OSWALD M, ENGELBRECHT P, STEYN JC. *The influence of high school teachers' perceptions on democratic values on their attitudes towards inclusive education*. Conference: The empowerment of school leaders through democratic values. Stellenbosch, 2001.

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1. ENGELBRECHT P, GREEN L, (eds). *Promoting development: preventing and working with barriers to learning*. Van Schaik, 2001. 251 pp.

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1. ACKERMANN C. Promoting development during adolescence. In: Engelbrecht P, Green L, (eds). *Promoting development: preventing and working with barriers to learning*. Van Schaik, 2001: 101-118.
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1. CAIRNS C. *Educational needs of over age learners in the foundation phase as viewed by educators*. MEdPsig, 2001. 275 pp. Studieleier: Prof P Engelbrecht.
2. CLEOPHAS MM. *Implementering van gemeenskapshuisskole vir straatkinders*. MEdPsig, 2001. 83 pp. Studieleier: Prof AG Smit.
3. COLLAIR L. *Indicators of successful inclusion for learners who are deaf: a case study*. MEdPsig, 2001. 62 pp. Studieleier: Prof P Engelbrecht.
4. KILPIN EM. *Transformative learning: an exploratory analysis of theory and practice in a study and thinking skills programme*. MEd, 2001. 129 pp. Studieleier: Prof CD Cilliers.

5. LAKER AC. *Die selfkonsep van 'n groep adolessente leerders met liggaamlike gestremdhede*. MEdPsig, 2001. 75 pp. Studieleier: Prof P Engelbrecht.
6. NISSEN C. *An evaluation of the effectiveness of an explicit South African curriculum to teach thinking*. MEd, 2001. 74 pp. Studieleier: Prof CD Cilliers.
7. OSWALD MM. *Die beïnvloeding van demokratiese waardes van onderwysers op houdings teenoor inklusiewe onderwys*. MEd cum laude, 2001. 310 pp. Studieleier: Prof P Engelbrecht.
8. PEROLD MD. *The prevalence of anxiety in a group of 7 to 13 year old learners in the Western Cape*. MEdPsig cum laude, 2001. 138 pp. Studieleier: Prof P Engelbrecht.
9. VAN DER MERWE L. *Die rol en persoon van die fasiliteerder van die Christelike tiernegsgespreksgroep*. MEd, 2001. 160 pp. Studieleier: Dr CJ Ackermann.
10. VERSTER S. *Leerondersteuningsriglyne vir graad 1 leerders uit 'n histories benadeelde omgewing*. MEdPsig, 2001. 145 pp. Studieleier: Prof P Engelbrecht.
11. VORSTER H. *Die psigososiale ontwikkeling van leerders in die ACE (Accelerated Christian Education)-skool*. MEd, 2001. 154 pp. Studieleier: Dr CJ Ackermann.

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1. CAMPHER EJ. *Support structures for teachers in the implementation of inclusive education in the Western Cape*. PhD Promotor: Prof P Engelbrecht.
2. DE JAGER LJ. *Gemeenskapsgebaseerde ondersteuning van hoë risiko leerders aan inklusiewe skole*. PhD Promotor: Prof AG Smit.
1. DE KLERK EC. *Theory-based prediction of academic performance of prospective university students*. PhD Promotor: Prof CD Cilliers.
2. GALANT FHM. *Die effek van onderwystransformasie op die beroepsbeleving en motivering van onderwysers in die Wes-Kaapse Onderwysdepartement*. PhD Promotor/medepromotor: Dr CJ Ackermann/dr LP van Kradenburg.
3. HARRIS HC. *Inklusiewe onderwys: die ontwikkeling van onderwyskundighede*. PhD Promotor: Prof P Engelbrecht.
4. KRITZINGER AS. *Personality-type based in-service teacher education: an educational psychological perspective*. PhD Promotor/medepromotor: Dr A van Heerden/prof CD Cilliers.
5. LE ROUX AH. *A psycho-educational model of integration and individuation of masculinity*. PhD Promotor: Dr A van Heerden.
6. MASANGO S. *The development of a vocational interest measuring instrument in an adult educational setting*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr J Meyer.
7. MÖWES A. *The attitudes of educators towards inclusive education in Namibia*. PhD Promotor: Prof P Engelbrecht.
8. NEWMARK R. *Inclusive education for learners with Down's syndrome: the role of the educational psychologist*. PhD Promotor: Prof P Engelbrecht.
9. PAULSEN ME. *Cooperative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.

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2. AITKEN S. *An assessment of ecosystemic variables in the development of a cognitive skills programme*. MEd Studieleier: Dr R Hall.
3. APRIL LC. *An action research project regarding the role of reflection in increasing teachers' effectiveness in the classroom*. MEd Studieleier: Me R Newmark.
4. BLEAZARD A. *Excluded from inclusion: an ecosystemic case study of four learners in a special school*. MEd Studieleier: Me R Newmark.
5. COOSNER CD. *The design and evaluation of a cognitive assessment checklist for educators*. MEd Studieleier: Prof CD Cilliers.
6. DAVIS F. *Stress- and coping skills of teachers with a learner with a physical disability in their classroom*. MEd Studieleier: Prof P Engelbrecht.

7. DE BRUYN TN. *Kurrikulum 2005: 'n raamwerk vir die optimalisering van (die leerder se) kognitiewe potensiaal*. MEd Studieleier: Dr R Hall.
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9. DE VOS AA. *Die oorgang van leerders met spesiale onderwysbehoefes vanaf die skool na jong volwassenheid*. MEd Studieleier: Prof P Engelbrecht.
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14. ELLMAN B. *Guidelines for teachers for the inclusion of learners with an intellectual impairment*. MEd Studieleier: Prof P Engelbrecht.
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16. ENGLISH C. *Action and drama therapy for learners with special needs*. MEd Studieleier: Me R Newmark.
17. 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.
18. FORRESTER ATAE. *Making literacy functional: Implications for reading and writing instruction and assessment for the National Qualifications Framework*. MEd Studieleier: Me MW Rossouw.
19. HORNE DT. *Die rol wat moedertaalonderrig in die optimalisering van kritiese en kreatiewe denke binne 'n veeltalige klaskamer speel*. MEd Studieleier: Mev MW Rossouw.
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35. MUKHARI FB. *The implementation of OBE in an inclusive classroom: a case study.* MEd Studieleier: Dr R Hall.
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4. VENTER LP. *Die gebruik van sielkundige intervensies onder sportlui*. MSportwet, 2001. 125 pp. Studieleier: Prof JR Potgieter.

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2. BRIEDENHANN JC. *The effects of participation in competitive games on cooperation among adolescent girls*. PhD (Sportwet) Promotor: Dr ES Bressan.
3. HERBERT EJ. *Identifying kinesiological predictors for high-level underwater performance*. PhD (Sportwet) Promotor: Prof JH Blaauw.
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2. BOCK-JONATHAN B. *Determining the decision-making abilities of talented netball players*. MSportwet Studieleier: Mev R Venter.

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7. ROOS P. *The effect of an aqua rehabilitation programme on patients suffering from osteoarthritis.* MSportwet Studieleier: Prof JG Barnard.
8. SCHAUW D. *The effect of a wellness programme on the chronic absenteeism of security officials at a nuclear plant.* MSportwet Studieleier: Prof JG Barnard.
9. STROEBEL S. *The prevalence of postural deformities among 11 to 13 year olds in selected Western Cape schools.* MSportwet Studieleier: Prof JG Barnard.
10. VAN DYK E. *The effects of a perceptual-motor training programme on the temporal aspects of wheelchair racing.* MSportwet Studieleier: Dr ES Bressan.

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1. NEWSTEAD K, LE ROUX A. *Developing the underlying principles of the critical outcomes: a mathematics game.* Proceedings of the Seventh National Congress of the Association for Mathematics Education for South Africa. University of the Witwatersrand, 2001; 2: 121.

**FAKULTEIT LANDBOU- EN  
BOSBOUWETENSKAPPE**

**FACULTY OF AGRICULTURAL AND  
FORESTRY SCIENCES**

<b>AKKERBOU EN WEIDING / AGRONOMY AND PASTURES</b>
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2. ERASMUS M, PIETERSE PJ. Improving seed germination of *Stylosanthes guianensis* by means of warm water treatment. *South African Journal of Plant and Soil* 2001; **18**(2): 85-86.
3. FOURIE JC, LOUW PJE, AGENBAG GA. Effect of seeding date on the performance of grasses and broadleaf species evaluated for cover crop management in two wine grape regions of South Africa. *South African Journal of Plant and Soil* 2001; **18**(3): 118-127.

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5. PIETERSE PJ. *Results of a preliminary survey to quantify the incidence of herbicide resistance in the Western Cape Province, Republic of South Africa*. Joint Congress of the Soil Science Society of South Africa, South African Society of Crop Production and the Southern African Weed Science Society. Pretoria, 2001: 47-48.
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2. LEHMENSIEK A, ESTERHUYSE AM, VAN STADEN D, NELSON SW, RETIEF AE. Genetic mapping of gray leaf spot (GLS) resistance genes in maize. 43rd Annual Maize Conference. Lake Geneva, Wisconsin, USA, 2001.

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2. BRINK D. *Genetic improvement of growth rate in rainbow trout*. PhD Promotor: Dr JH Louw.
3. DU PLESSIS M. *Studies on genetic variation in sex ratio, and growth potential in the indigenous tilapia, Oreochromis mossambicus*. PhD Promotor: Dr JH Louw.
4. ESTERHUYSE AM. *Genetic markers for grey leaf spot resistance in maize*. PhD Promotor: Prof AE Retief.

- LABUSCHAGNÉ IF. *An investigation into the genetic variation of chilling requirement in apple (Malus x domestica Borkh.) progenies*. PhD (Agric) Promotor: Dr JH Louw.

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- CHRISTIANS GE. *Identification of molecular markers linked to woolly apple aphid (Eriosoma lanigerum L.) (Hausman) resistance in apple*. MSc Studieleier: Prof L Warnich.
- ESTERHUYSE MM. *Genetic markers to investigate hybridisation between two Tilapia species Oreochromis mossambicus and O. Niloticus*. MScAgric Studieleier: Mnr D Brink.
- FOURIE M. *Molekulêre karakterisering en verdere verkorting van rekombinante vorms van die Lr19 translokasie*. MSc Studieleier: Prof GF Marais.
- GERBER J. *Association between cytochrome P450 gene variants and variegate porphyria and hereditary hemochromatosis*. MSc Studieleier: Prof L Warnich.
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- ROBYN A. *Genetiese verenigbaarheid tussen taksonomiese verwante spesies van die genus Leucadendron*. MSc Studieleier: Dr JH Louw.
- ROSE BA. *Sequencing of the grapevine chloroplast genome*. MSc Studieleier: Dr JT Burger.
- ROSS-ADAMS H-E. *The identification of grapevine cultivars using microsatellites*. MSc Studieleier: Dr JT Burger.
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- VAN EEDEN C. *Isolation, cloning and transformation of RSP-CP gene for PTGS*. MSc Studieleier: Dr JT Burger.
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- 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.

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3. ELLIS F. *Land degradation on old land surfaces affected by termite activity in arid and semi-arid regions of South Africa*. Bilateral SA/Flemish Workshop on Land Degradation. Ghent, Belgium, 2001.
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2. KNIGHT F. *Management of nitrogen fertilizers for potato cultivation under irrigation 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/medepromotor: Prof MV Fey/prof MC Scholes (Universiteit Witwatersrand).
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2. BURGERS C. *Characterisation of reaction products from fly ash and acid mine drainage*. MScAgric Studieleier: Prof MV Fey.
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4. ENGELBRECHT H. *Salt balance modeling in the Berg River valley*. MScAgric Studieleier/medestudieleier: Mnr WP de Clercq/dr JE Hoffman.
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6. HOWELL C. *Improving the existing method for establishing the hold capacity of soils on a routine basis*. MScAgric Studieleier: Dr JE Hoffman.
7. KOTZE T. *Acidification of sandy soils resulting from fertigation of citrus*. MScAgric Studieleier/medestudieleier: Prof MV Fey/dr JE Hoffman.
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2. COOK NC, BELLSTEDT DU, JACOBS G. Endogenous cytokinin distribution patterns at budburst in Granny Smith and Braeburn apple shoots in relation to bud growth. *Scientia Horticulturae* 2001; **87**: 53-63.
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1. WAND SJE. *Potential impacts of climate change on agriculture in southern Africa with respect to the brewing industry*. Congress of the Institute of Brewing. Sun City, South Africa, 2001: 94-100.

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1. DU PLOOY P, JACOBS J, COOK NC. *Performance of different pear scion/rootstock combinations*. Proceedings of the Cape Pomological Association Technical Symposium. Stellenbosch, 2001: 130-138.
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2. JACOBS JN. *Rootstock and dormancy studies in apple and pear*. MScAgric, 2001. 85 pp. Studieleier: Dr NC Cook.
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2. SAGREDO KX. *Effect of rest-breaking and fruit thinning treatments on reproductive development in apples*. PhD Promotor: Prof KI Theron.
3. STEYN W. *Physiological studies of colour development in apples and pears*. PhD Promotor/medepromotor: Prof G Jacobs/dr DM Holcroft en dr SJE Wand.

**Magister lopend/Master's current**

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2. GOOSEN D. *Factors influencing the production of elongated lemons*. MScAgric Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.
3. KARSEN PA. *Studies on the growth and development of Agathosma*. MScAgric Studieleier: Prof G Jacobs.
4. KRUGER L. *Postharvest physiology and controlled atmosphere storage of plums, and other fruits*. MScAgric Studieleier/medestudieleier: Dr DM Holcroft/dr NC Cook.
5. MARE L. *Studies on gas exchange and dermal systems of selected fruit*. MScAgric Studieleier/medestudieleiers: Dr DM Holcroft/dr M Huysamer en dr M Dodd.
6. MARTIN EM. *Postharvest physiology of 'Forelle' pears, with an emphasis on 'mealiness'*. MScAgric Studieleier: Dr DM Holcroft.
7. MATHOAHELA PT. *Optimisation of mineral nutrition for pot and field grown Protea species*. MScAgric Studieleier/medestudieleier: Dr M Cramer/prof G Jacobs.
8. MDLULI MJ. *Climate amelioration of deciduous fruit orchards and its effects on productivity and fruit quality*. MScAgric Studieleier/medestudieleier: Dr SJE Wand/mnr WJ Steyn.
9. MURRAY XJ. *Physiological studies of the influence of light and bearing position on the external and internal fruit quality of deciduous fruit*. MScAgric Studieleier/medestudieleiers: Dr SJE Wand/dr NC Cook en dr DM Holcroft.
10. MZINI L. *Aspects of fruit size and quality in citrus*. MScAgric Studieleier/medestudieleier: Prof E Rabe/prof KI Theron.
11. NIEUWOUDT G. *Factors affecting flower initiation in proteas*. MScAgric Studieleier: Prof G Jacobs.
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13. PRETORIUS JJB. *The effect of irrigation and other cultural practices on the ecophysiology of selected apple and pear cultivars*. MScAgric Studieleier/medestudieleier: Dr SJE Wand/prof KI Theron.
14. SCHMEISSER M. *Identification and manipulation of pigments in Leucadendrons*. MScAgric Studieleier/medestudieleier: Prof G Jacobs/dr DM Holcroft.
15. SCHOEMAN SP. *Horticultural aspects relative to the open hydroponic system of irrigation and fertilization*. MScAgric Studieleier/medestudieleier: Prof E Rabe/dr SJE Wand.
16. SMIT M. *Effect of prohexadione-Ca on fruit quality of stone and pome fruit*. MScAgric Studieleier/medestudieleier: Prof KI Theron/prof G Jacobs.
17. STEPHENS IA. *Studies on the postharvest physiology of selected fynbos cut flowers*. MScAgric Studieleier/medestudieleier: Prof G Jacobs/dr DM Holcroft.
18. VAN SCHALKWYK M. *Studies of dormancy and rest-breaking in red raspberries (Rubus idaeus L.)*. MScAgric Studieleier: Dr NC Cook.

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

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1. DYANTYI S. *Application of fungal co-cultures in biobleaching and its benefits in chlorine-free bleaching*. MSc Studieleier: Prof GFR Gerischer.
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3. MATYMZA NC. *Coflocculation of fillers with fibre fines*. MSc Studieleier: Prof GFR Gerischer.
4. MJI N. *Aqueous extraction of wood chips prior to co-culture fungal pre-treatment for alkaline biopulping*. MSc Studieleier: Prof GFR Gerischer.
5. MOSTERT F. *The reduction in water absorption of sludge/cement composites with various additives*. MSc Studieleier: Prof GFR Gerischer.
6. MULLER R. *Development of a solar kiln for the drying of hardwood*. MSc Studieleier: Dr DE Steinmann.
7. MULLER-STEYN M. *Sticky control with image analysis*. MSc Studieleier: Prof GFR Gerischer.
8. NKWENTSHA S. *Fungal pre-treatment of wood chips with co-cultures prior to TMP and CTMP pulping*. MSc Studieleier: Prof GFR Gerischer.
9. THYHODA L. *The characterization and evaluation of N-modified lingo-cellulosic residue for rehabilitation of soils*. MSc Studieleier: Prof GFR Gerischer.
10. VENA PF. *Pine cones as a raw material source for the manufacture of activated charcoal*. MSc Studieleier: Prof GFR Gerischer.

## LANDBOU-EKONOMIE / AGRICULTURAL ECONOMICS

### Tydskrifartikels/Journal articles

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. *Agrekon* 2001; **40**(3): 399-442.
2. LÜTGE RB, KLEYNHANS TE. R & D orientation of agricultural co-operatives and agribusinesses in the Western Cape and KwaZulu-Natal. *Agrekon* 2001; **40**(2): 187-200.
3. MAHLANZA B, MENDES E, VINK N. Modelling the relative profitability of organic wheat farming in the Western Cape. *Agrekon* 2001; **40**(3).
4. VAN ZYL J, VINK N, KIRSTEN JF, POONYTH D. South African agriculture in transition: the 1990s. *Journal of International Development* 2001; **13**(6): 725-739.
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6. VINK N. South African agriculture in the 1970's. *South African Journal of Economic History* 1999; **14**(1 & 2): 90.
7. VINK N, TREGURTHA N. A theoretical perspective on a minimum wage in South African agriculture. *Agrekon* 2001; **40**(3): Bladsynommers.

### Referate internasionaal/Papers international

1. MEISSENHEIMER J, KARAAN ASM, VINK N, TREGURTHA N. *Sources of transaction costs in the South African wine supply chain: implications for enhancing chain*

*competitiveness*. Paper read at the International Agribusiness Management Conference. Sydney, Australia, 2001.

2. VAN ZYL J, VINK N, ERASMUS B, VAN JAARSVELD A. *Modelling the effects of climate change on agriculture in South Africa: the case of the Western Cape*. Paper read at the Annual Conference of the Australian Agricultural and Resource Economics Society. Sydney, Australia, 2001.
3. VINK N, WILLIAMS G, KIRSTEN J. *Understanding developments in the South African wine industry*. Paper read at a workshop on Wine economics: understanding developments in the world's wine markets. University of Adelaide, Centre for International Economic Studies, Australia, 2001.

### Referate nasionaal/Papers national

1. KARAAN ASM. *Enhancing agribusiness through empowerment partnerships: experiences and challenges*. African Women in Agribusiness Conference. Cape Town, 2001.
2. KARAAN ASM. *Urban horticulture in the Cape Metropolitan Area: an appraisal of activities and institutional support*. FAO Sub-Regional Expert Consultation on urban and peri-urban horticulture. Stellenbosch, 2001.
3. MAHLANZA B, MENDES E, VINK N. *Modelling the relative profitability of organic wheat farming in the Western Cape*. Paper read at the AEASA Conference. Drakensberg, 2001.
4. VINK N. *Land reform in Southern Africa: perspectives from 'Development Southern Africa'*. Paper read at a Symposium on Development in Southern Africa. DBSA, Midrand, 2001.
5. VINK N, TREGURTHA N. *Poverty and capabilities among farm workers in South Africa*. Paper read at the Jubilee Conference of the Economic Society of South Africa. 2001.
6. VINK N, TREGURTHA N. *A theoretical perspective on a minimum wage in South African agriculture*. Paper read at the AEASA Conference. Drakensberg, 2001.

### Navorsingsverslag/Research report

1. KLEYNHANS TE, OPPERMAN BDL, KUNNEKE A. *SADC agricultural potential assessment: the spatial organisation of resources for policy planning*. Development Bank of Southern Africa, 2001. 40 pp.

### Doktoraal afgehandel/Doctoral completed

1. TROSKIE D. *Structural adjustments in the Western Cape wheat industry*. PhD, 2001. 344 pp. Promotor: Prof N Vink.

### Magister afgehandel/Master's completed

1. HOFFMAN WH. *'n Finansiële evaluasie van wisselboustelsels in die Swartland*. MAgricAdmin, 2001. 134 pp. Studieleier: Prof J Laubscher.
2. MAHLANZA B. *Modelling the relative profitability of organic wheat farming in the Western Cape*. MScAgric, 2001. 226 pp. Studieleier: Prof N Vink.
3. VAN ZYL PL. *'n Ekonomiese evaluering van volstruisboerdery in die Oudtshoorn omgewing*. MScAgric, 2001. 158 pp. Studieleier: Dr J Lombard.

### Doktoraal lopend/Doctoral current

1. DONI TM. *The creation of sustainable rural financial services in the Eastern Cape Province*. PhD Promotor: Prof N Vink.
2. KARAAN ASM. *An agribusiness approach to economic empowerment in agriculture*. PhD Promotor: Prof N Vink.
3. MAKHWAJE E. *Investigation of agricultural resource information provision by 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. VENTER GCR. *Evaluation of financial services provision to farmers in the Free State*. PhD Promotor: Prof N Vink.

## Magister Iopend/Master's current

1. ATLHOPHENG M. *The comparative advantage of agricultural production in Botswana*. MAgriAdmin Studieleier: Prof N Vink.
2. BORNMAN R. *Die mededingendheid van die groente aanbods ketting in die uitvoer van groente na Europa*. MScAgric Studieleier: Mnr ASM Karaan.
3. BURGER J. *'n Ondersoek na die lewensvatbaarheid van die plaasverpakking versus die koöperatiewe verpakking van sitrusvrugte*. MScAgric Studieleier: Prof J Laubscher.
4. COLYN N. *'n Toepassing van nuwe generasie Koöperasie teorie op wyn koöperasies in die Breederivier vallei*. MAgriAdmin Studieleier: Mnr ASM Karaan.
5. DE BRUYN P. *Die bemerking van lewende hawe in die kommunale gebiede van Noordelike Namibia*. MAgriAdmin Studieleier: Prof N Vink.
6. DE KLERK PN. *Information technology management in agriculture, with specific emphasis on the usage of computers and computer networks to enhance the flow of information in agriculture*. MComm Studieleier: Dr JP Lombard.
7. GREWLICH J. *International trade in wine and geographical indications: common interests between the EU and South Africa*.
8. MAPHUTHA JM. *Land reform in the Western Cape: redistribution and improvement of land tenure security for disadvantaged communities*. MAgriAdmin Studieleier: Prof N Vink.
9. MARITZ GM. *Assessing risk in different diversification options by means of the capital asset pricing model*. Studieleier: Dr JP Lombard.
10. NIEMEYER KB. *Investigation into the conversion to organic farming in the Western Cape*. MScAgric Studieleier: Dr JP Lombard.
11. RAATH G. *'n Waardeketting analise vir die verspreiding en bemerking van tafeldruiwe uit die Oranjerivier gebied*. MScAgric Studieleier: Mnr ASM Karaan.
12. RORICH E. *'n Evaluasie van die plaas gesondheidswerker model in die Wes-Kaap vir primêre gesondhies sorg in 'n landelike omgewing*. MScAgric Studieleier: Prof N Vink.
13. TRUTER JL. *Ontwikkeling en evaluering van 'n model vir meganisasiebesluitneming in die wingerdboubedryf*. MComm Studieleier: Dr JP Lombard.
14. 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.
15. VAN SCHALKWYK SJ. *Die ontwikkeling van 'n gerekenariseerde model vir die bepaling van die lewensvatbaarheid van 'n boerdery-onderneming*. MScAgric Studieleier: Dr JP Lombard.
16. VISSER C. *Cooperative wineries: alligning corporate and marketing strategy with market changes*. MScAgric Studieleier: Prof N Vink.

## PLANTPATOLOGIE / PLANT PATHOLOGY

### Tydskrifartikels/Journal articles

1. COERTZE S, HOLZ G, SADIE A. Germination and establishment of infection on grape berries by single airborne conidia of *Botrytis cinerea*. *Plant Disease* 2001; **85**(6): 668-677.
2. CROUS PW, BRAUN U. A reassessment of the *Cercospora* species described by C. Chupp: specimens deposited at BPI, Maryland, USA. *Mycotaxon* 2001; **78**: 327-343.
3. CROUS PW, HONG L, WINGFIELD BD, WINGFIELD MJ. ITS rDNA phylogeny of selected *Mycosphaerella* spp. and their anamorphs occurring on Myrtaceae. *Mycological Research* 2001; **105**(4): 425-431.
4. CROUS PW, KANG J-C, BRAUN U. A phylogenetic redefinition of anamorph genera in *Mycosphaerella* based on ITS rDNA sequence and morphology. *Mycologia* 2001; **93**: 1081-1101.



5. 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.
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9. DENMAN S, SADIE A. Evaluation of a stem inoculation technique for assessing resistance to *Phytophthora cinnamomi* in *Leucospermum* cultivars. *Australasian Plant Pathology* 2001; **30**(1): 11-16.
10. FOURIE PH, HOLZ G. Incomplete cross-resistance to folpet and iprodione in *Botrytis cinerea* from grapevine. *South African Journal of Enology and Viticulture* 2001; **22**(1): 3-7.
11. GROENEWALD M, KANG J-C, CROUS PW, GAMS W. ITS and  $\beta$ -tubulin phylogeny of *Phaeoacremonium* and *Phaeomoniella* spp. *Mycological Research* 2001; **105**(6): 651-657.
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14. KOIKE ST, CROUS PW. First report of a root and crown rot disease of myrtle in California caused by *Cylindrocladium pauciramosum*. *Plant Disease* 2001; **85**(4): 448.
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16. McLEOD A, DENMAN S, SADIE A, DENNER FDN. Characterisation of South African isolates of *Phytophthora infestans*. *Plant Disease* 2001; **85**(3): 287-291.
17. MOSTERT L, CROUS PW, KANG J-C, PHILLIPS AJL. Species of *Phomopsis* and a *Libertella* sp. occurring on grapevines with specific reference to South Africa: morphological, cultural, molecular and pathological characterization. *Mycologia* 2001; **93**(1): 145-166.
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19. ROBERTSE B, VAN DER RIJST M, VAN AARDE IMR, LENNOX CL, CROUS PW. DMI sensitivity and cross-resistance of *Rhynchosporium secalis* isolates from South Africa. *Crop Protection* 2001; **20**: 97-201.
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28. TAYLOR JE, CROUS PW, SWART L. Follicolous and caulicolous fungi associated with *Proteaceae* cultivated in California. *Mycotaxon* 2001; **78**: 75-103.
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1. CAMPBELL G, CROUS PW. *The implications of sexual reproduction on the genetics of the barley net blotch pathogen*, Pyrenophora teres. Congress of the Mediterranean Phytopathological Union. Evora, Portugal, 2001.
2. CROUS PW, KANG J-C, BRAUN U. *Redefining anamorph concepts in Mycosphaerella based on ITS rDNA sequence and morphology*. Joint APS, MSA and SON Meeting. Salt Lake, Utah, USA, 2001.
3. CROUS PW, KANG J-C, SCHOCH CL. *Species concepts in Cyindrocladium based on sequence data, sexual compatibility and morphology*. Joint APS, MSA and SON Meeting. Salt Lake, Utah, USA, 2001.
4. CROUS PW, SWART L, COERTZE S. *The effect of hot-water treatment on fungi occurring in apparently healthy grapevine cuttings. Esca and grapevine declines*. International Workshop on Grapevine Trunk Declines. Lisboa, Portugal, 2001.
5. DENMAN S, CROUS PW, SADIE A, WINGFIELD MJ. *Botryosphaeria dothidea as an endophyte in Protea magnifica: a comparison of commercially cultivated and naturally occurring plants*. Joint APS, MSA and SON Meeting. Salt Lake, Utah, USA, 2001.
6. HALLEEN F, CROUS PW, PETRINI O. *Fungi associated with healthy grapevine cuttings in nurseries in the Western Cape province of South Africa*. Biennial Plant Pathology Conference. Queensland, Australia, 2001.
7. HUNTER G, ROUX J, COUTINHO TA, CROUS PW, WINGFIELD BD, WINGFIELD MJ. *Mycosphaerella species causing Mycosphaerella leaf blotch on Eucalyptus species in South Africa*. Joint APS, MSA and SON Meeting. Salt Lake, Utah, USA, 2001.
8. HUNTER G, ROUX J, COUTINHO T, CROUS PW, WINGFIELD BD, WINGFIELD MJ. *Predominant Mycosphaerella species on Eucalyptus species in South Africa*. Biennial Plant Pathology Conference. Queensland, Australia, 2001.
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10. SLIPPERS B, JOHNSON GI, COOKE AW, CROUS PW, COUTINHO TA, WINGFIELD BD, WINGFIELD MJ. *Taxonomy of Botryosphaeria spp. causing stem end rot of mango in Australia*. Biennial Plant Pathology Conference. Queensland, Australia, 2001.
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### Referate nasionaal/Papers national

1. BOTHA A, DENMAN S, CROUS PW, LAMPRECHT SC, MAZZOLA M. *Seasonal succession of the main causal agents involved in black root rot of strawberries in the Western Cape*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.

2. CROUS PW, KANG J-C, BRAUN U. *Delineating anamorph genera in Mycosphaerella*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
3. CROUS PW. *Ethel Mary Doidge: a pioneer in South African mycology*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
4. DE BEER ZW, ZHOU XD, CROUS PW, WINGFIELD MJ. *Taxonomic relationships in the Sporothrix eucalypti complex*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
5. DENMAN S, CROUS PW, WINGFIELD MJ. *Host-pathogen interactions of Botryosphaeria stem cankers of Protea magnifica*. SAPPEX Research Meeting. Grabouw, 2001.
6. DENMAN S, CROUS PW, WINGFIELD MJ. *Studies on the epidemiology of Botryosphaeria stem cankers of Protea magnifica*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
7. DENMAN S, LUBBE CM. *Phytophthora cinnamomi root rot: exploring alternative aspects of disease management*. SAPPEX Research Meeting. Grabouw, 2001.
8. HALLEEN F, CROUS PW. *Fungi associated with healthy grapevine cuttings in nurseries in the Western Cape Province*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
9. HUNTER GC, ROUX J, COUTINHO TA, WINGFIELD MJ, CROUS PW. *Mycosphaerella species causing Mycosphaerella leaf blotch (MLB) on Eucalyptus in South Africa*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.

10. JANSE VAN RENSBURG JC, KANG J-C, LAMPRECHT SC, CROUS PW. *Preliminary observations on genetic variability of Phomopsis isolates associated with dieback of rooibos (Aspalanthus linearis)*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
11. RABIE L, DENMAN S, COOK NC. *An investigation of the effect of various soil amendments on apple replant disease*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
12. RABIE L, DENMAN S, COOK NC. *Apple replant disease: where do we stand in South Africa?* Cape Pomological Association Technical Symposium. Stellenbosch, 2001.
13. RABIE L, DENMAN S, COOK NC. *Current research on apple replant disease in South Africa, causal factors and the bioassay*. Cape Pomological Association Information day. Elgin, 2001.
14. SLIPPERS B, COUTINHO TA, WINGFIELD BD, CROUS PW, WINGFIELD MJ. *Taxonomy and phylogeny of Botryosphaeria spp.* Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.
15. ZONDO PT, DENMAN S, LABUSCHAGNE IF. *An evaluation of two bioassays for the assessment of apple resistance to Phytophthora cactorum*. Annual Meeting of the SA Society for Plant Pathology. Nelspruit, 2001.

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

1. CAMPBELL GF. *Genetics of pathogenicity in Pyrenophora leaf diseases of barley*. PhD (Agric), 2001. 158 pp. Promotor/medepromotor: Prof PW Crous/prof JA Lucas (Long Ashton Research Centre, UK).
2. FOURIE PH. *Epidemiology of Monilinia laxa on nectarine and plum: infection of fruits by conidia*. PhD (Agric), 2001. 171 pp. Promotor: Prof G Holz.

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

1. GÜTSCHOW M. *Resistance to Botrytis cinerea in parts of leaves and bunches of grapevine*. MScAgric, 2001. 85 pp. Studieleier: Prof G Holz.
2. MYBURGH AS. *Suppression of Botrytis cinerea by antagonists in living, moribund and dead grapevine tissue*. MScAgric, 2001. 97 pp. Studieleier: Prof G Holz.
3. ZONDO PT. *An investigation of variability in aggressiveness of Phytophthora cactorum isolates used in screening for resistance in apple rootstocks*. MScAgric, 2001. 80 pp. Studieleier: Me S Denman.

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

1. DENMAN S. *Botryosphaeria diseases of Proteaceae*. PhD (Agric) Promotor/medepromotor: Prof PW Crous/prof MJ Wingfield.
2. HALLEEN F. *Characterization of Cylindrocarpon spp. associated with black foot rot disease of grapevine*. PhD (Agric) Promotor: Prof PW Crous.
3. WOOD A. *The biology of Endophyllum osteospermi, and its use for the biological control of Chrysanthemoides monilifera subsp. monilifera*. PhD (Agric) Promotor/ medepromotor: Prof PW Crous/dr CL Lennox.

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

1. BOTHA A. *Diseases of strawberries in the Western Cape, South Africa*. MScAgric Studieleier/medestudieleiers: Me S Denman/prof PW Crous en dr SC Lamprecht.
2. DU PREEZ IF. *Infection pathways of Botrytis cinerea on selected wine grape cultivars*. MScAgric Studieleier: Prof G Holz.
3. ENGELBRECHT R. *The role of insects in the infection pathway of diverse fungal pathogens on deciduous fruit*. MScAgric Studieleier/medestudieleier: Prof G Holz/dr K Pringle.
4. FREDERICKS C. *Efficacy of fungicides against Botrytis cinerea on different parts of grape bunches*. MScAgric Studieleier: Prof G Holz.

5. VAN COLLER G. *Characterization of pathogens associated with root diseases of grapevines*. MScAgric Studieleier/medestudieleier: Me S Denman/prof PW Crous.
6. VAN NIEKERK J. *Characterization of pathogens associated with stem diseases of grapevines in nurseries*. MScAgric Studieleier/medestudieleier: Prof PW Crous/me S Denman.
7. VAN SCHOOR JA. *The ecology of Botrytis cinerea on grapevine on the Western Cape*. MScAgric Studieleier: Prof G Holz.

## VEEKUNDIGE WETENSKAPPE / ANIMAL SCIENCES

### Tydskrifartikels/Journal articles

1. ANELICH L, HOFFMAN LC, SWANEPOEL M. The influence of packaging methodology on the microbiological and lipid fatty acid profiles of refrigerated African catfish fillets. *Journal of Applied Microbiology* (voorheen *Journal of Applied Bacteriology*) 2001; **91**: 22-28.
2. ANELICH L, HOFFMAN LC, SWANEPOEL M. The quality of frozen African sharptooth catfish (*Clarias gariepinus*) fillets under long term storage conditions. *Journal of the Science of Food & Agriculture* 2001; **81**: 632-639.
3. AZIZ MA, SCHOEMAN SJ, JORDAAN GF, EL-CHAFIE OM, MAHDY AT. Genetic and phenotypic variation of some reproductive traits in Egyptian Buffalo. *South African Journal of Animal Science* 2001; **31**(3): 201-205.
4. BRAND TS, BRANDT DA, CRUYWAGEN CW. Utilization of growing-finishing pig diets containing high levels of solvent or expeller oil extracted canola meal. *New Zealand Journal of Agricultural Research* 2001; **44**: 31-35.
5. CLOETE SWP, SCHOEMAN SJ, COETZEE J, J DE V MORRIS. Genetic variances for liveweight and fleece traits in Merino, Döhne Merino and South African Meat Merino Sheep. *Australian Journal of Experimental Agriculture* 2001; **41**: 145-153.
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7. DE WAAL H, HEYDENRYCH HJ. The effect of sampling frequency on the accuracy of estimates of milk-fat yields of dairy cows. *South African Journal of Animal Science* 2001; **31**(1): 9-11.
8. FERREIRA AV, LC HOFFMAN. Body and carcass composition of the Common duiker. *South African Journal of Wildlife Research* 2001; **31**: 63-66.
9. HOFFMAN LC, FISHER P. Comparison of meat quality characteristics between young and old ostriches. *Meat Science* 2001; **59**(3): 335-337.
10. VAN DER WESTHUIZEN RR, SCHOEMAN SJ, JORDAAN GF, VAN WYK JB. Heritability estimates derived from threshold analyses for reproduction and stayability traits in a beef cattle herd. *South African Journal of Animal Science* 2001; **31**(1): 25-32.
11. VAN DER WESTHUIZEN RR, SCHOEMAN SJ, JORDAAN GF, VAN WYK JB. Genetic parameters for reproductive traits in a beef cattle herd estimated using multitrait analysis. *South African Journal of Animal Science* 2001; **31**(1): 41-48.

### Referate internasionaal/Papers international

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2. CLOETE JJE, CLOETE SWP, HOFFMAN LC, FOURIE JE. *Slaughter traits in Merino lines divergently selected for multiple rearing ability*. 5th International Sheep Veterinary Congress. Stellenbosch, South Africa, 2001.

3. EKERMANS LG, STEENKAMP K. *The response of chickens to increasing levels of valine*. 13th European Symposium on Poultry Nutrition WPSA. Blankenberge, Belgium, 2001.
4. HOFFMAN LC. *A comparison between the use of scoline (succinylcholine chloride) and killing by means of a head shot on the physical meat quality attributes of buffalo (Syncerus caffer)*. 47th International Congress of Meat Science and Technology. Krakow, Poland, 2001.
5. HOFFMAN LC. *The effect of day-time cropping on warthog (Pahacochoerus aethiopicus) meat quality*. 47th International Congress of Meat Science and Technology. Krakow, Poland, 2001.
6. HOFFMAN LC. *The effect of different culling methodology on the physical meat quality attributes of various game species*. 5th International Wildlife Ranching Symposium. Pretoria, 2001.
7. HOFFMAN LC. *The intrinsic variation of various physical meat quality parameters within Impala M. longissimus*. 5th International Wildlife Ranching Symposium. Pretoria, 2001.
8. LE ROUX F, HOFFMAN LC, DICKS L. *The resistance of meat from various game species to microbiological contamination*. 5th International Sheep Veterinary Congress. Stellenbosch, 2001.
9. SCHOEMAN SJ. *The influence of breed composition on weaning weight parameters in a multibreed beef cattle population*. 14th Conference of the Association for the Advancement of Animal Breeding and Genetics. Queenstown, New Zealand, 2001.
10. VAN ZYL L, FERREIRA AV. *Chemical composition and body component distribution in the springbok, blesbok and impala*. 5th International Congress of the Southern African Wildlife Management Association. Pretoria, 2001.

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1. BEYERS HP. *The effect of a haloxyfop-R-methyl ester and an imazamox herbicide, tine or no tillage and nine different medic cultivars on the seed and dry matter production as well as the quality of medic pastures*. MScAgric, 2001. 86 pp. Studieleier/medestudieleier: Prof GA Agenbag/dr AV Ferreira.
2. DU TOIT F. *Studies on the nutritive value of lucerne for dairy cows*. MScAgric, 2001. 98 pp. Studieleier: Prof CW Cruywagen.
3. ERASMUS M. *Amino acid requirements of feedlot cattle according to the duodenal and whole empty body essential amino acid profile*. MScAgric cum laude, 2001. 109 pp. Studieleier: Dr AV Ferreira.
4. JALETA GD. *A genetic study of early growth traits and ewe productivity in merino sheep*. MScAgric, 2001. 78 pp. Studieleier/medestudieleier: Prof SJ Schoeman/mnr SWP Cloete (Elsenburg Landbou, Wes-Kaap).
5. MELKA HD. *Genetics parameter estimates for weaning traits in a multibreed beef cattle population*. MScAgric, 2001. 69 pp. Studieleier: Prof SJ Schoeman.
6. SHERIDAN R. *A comparative analysis of nutrient utilization and meat quality parameters of Boergoats and South African Mutton Merino's*. MScAgric cum laude, 2001. 129 pp. Studieleier/medestudieleier: Dr LC Hoffman/dr AV Ferreira.
7. THORNTON JD. *The effect of dietary protein degradability on the performance of Saanen dairy goats*. MScAgric, 2001. 61 pp. Studieleier: Dr AV Ferreira.
8. VAN DER WESTHUIZEN RR. *Variance and covariance component estimation of reproductive traits in a multibreed beef cattle herd applying linear and threshold models*. MScAgric, 2001. 49 pp. Studieleier/medestudieleier: Prof SJ Schoeman/prof JB van Wyk.
9. VAN ZYL L. *The essential amino acid requirements of Springbok, Blesbok and Impala for optimal growth*. MScAgric, 2001. 67 pp. Studieleier: Dr AV Ferreira.

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

1. NOLTE JVE. *The essential amino acid requirements of woollen sheep for optimal production and reproduction*. PhD Promotor: Dr AV Ferreira.
2. WEIDEMAN H. *A genetic analysis of the occurrence of pulmonary haemorrhage in racing thoroughbreds in South Africa*. PhD Promotor: Prof SJ Schoeman.

### Magister Iopend/Master's current

1. BANGANI NM. *Nutritional systems for dairy production with oat silage based diets.* MScAgric Studieleier: Dr CW Cruywagen.
2. BRUNDYN L. *Byvoeding van skape op koringstoppel.* MScAgric Studieleier/medestudieleier: Dr AV Ferreira/dr TS Brand.
3. CROTS FE. *The influence of food extrusion and pelleting on the performance of weaner pigs.* MScAgric Studieleier: Prof LG Ekermans.
4. DE BEER M. *The influence of processing of soyabeans, sunflower seed, canola and lupins on the energy and amino acid availability for poultry.* MScAgric Studieleier: Dr LG Ekermans.
5. 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.
6. JANSEN N. *Determination of the oxidative degeneration of fish waste.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/mev PJ Conradie.
7. JOUBERT JL. *Geslagsfisiologie studies van die Kaapse Buffel (Syncerus Caffer).* MScAgric Studieleier: Dr DM Barry.
8. JOUBERT M. *Manipulation of ostrich meat composition, quality and shelflife.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/dr M Manley.
9. KRITZINGER B. *The meat quality attributes of Impala Aepyceros melampus.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/dr AV Ferreira.
10. MORRIS J. *The assessment of essential amino acid requirements of goats during the finishing phase.* MScAgric Studieleier: Dr AV Ferreira.
11. ROELF C. *Categorisation of bycatch and fish waste and the nutritional value thereof.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/dr M Manley.
12. STYGER E. *Sensory and objective meat quality characteristics of bacon derived from different genotypes pig.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/mev M Muller.
13. SWARTS I. *The influence of the chemical composition of sunflower meal on its energy- and amino acids digestibility in poultry, as well as the determination of the optimum inclusion of sunflower meal in commercial poultry diets.* MScAgric Studieleier: Dr LG Ekermans.
14. VAN DER MERWE M. *Processing and nutritional characteristics of value-added fish products.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/mev PJ Conradie.
15. VILJOEN M. *Die gebruik van naby Infrarooi Refleksie Spektroskopie (NIRS) vir die betroubare en vinnige voorspelling van die samestelling van volstruis- en skaapvleis, asook die samestelling en energiewaardes van plaaslike besonderhede voerbronne.* MScAgric Studieleier/medestudieleier: Dr LC Hoffman/dr TS Brand.
16. VON SHAUROTH EDF. *'n Ondersoek na die prestasie-evaluering van Dorperskape onder ekstensiewe veldtoestande.* MScAgric Studieleier: Prof SJ Schoeman.

## VOEDSELWETENSKAP / FOOD SCIENCE

### Tydskrifartikels/Journal articles

1. MANLEY M, VAN ZYL L, OSBORNE BG. Deriving a grain hardness calibration for Southern and Western Cape ground wheat samples by means of Fourier transform near infrared (FT-NIR) spectroscopy. *SA Journal of Plant and Soil* 2001; **18**(2): 69-74.
2. MANLEY M, VAN ZYL A, WOLF EEH. This evaluation of the applicability of Fourier transform near infrared (FT-NIR) spectroscopy in the measurement of analytical parameters in must and wine. *South African Journal of Enology and Viticulture* 2001; **22**(2): 93-100.

3. SIGGE GO, BRITZ TJ, FOURIE PC, BARNARDT N, STRYDOM R. Use of ozone and hydrogen peroxide in the post-treatment of UASB treated alkaline fruit cannery effluent. *Water Science and Technology* 2001; **44**(5): 69-74.
4. SIGGE GO, HANSMANN CF, JOUBERT E. Effect of storage conditions, packaging material and metabisulphite treatment on the colour quality of dehydrated green bell peppers (*Capsicum annum* L.). *Journal of Food Quality* 2001; **24**(3): 205-218.
5. STANDLEY L, WINTERTON P, MARNEWICK JL, GELDERBLOM WCA, JOUBERT E, BRITZ TJ. Influence of processing stages on antimutagenic and antioxidant potentials of rooibos tea. *Journal of Agricultural and Food Chemistry* 2001; **49**: 114-117.
6. SWART E, MARAIS J, BRITZ TJ. Effect of ascorbic acid and yeast strain on Sauvignon blanc wine quality. *South African Journal of Enology and Viticulture* 2001; **22**(1): 42-46.
7. VAN ZYL L, MANLEY M, OSBORNE BG. Using different sample holders in determining protein and moisture content in whole wheat flour by means of Fourier transform near infrared (FT-NIR) spectroscopy. *SA Journal of Plant and Soil* 2001; **18**(2): 50-55.

### Referate internasionaal/Papers international

1. BRITZ TJ. *Summary and closing remarks*. International Symposium on Propionibacteria. Zurich, Switzerland, 2001.
2. BRITZ TJ, RONQUEST L-C, WITTHUHN RC. *UASB treatment of winery effluent with tailor-made granular sludge*. IWA World Congress on Anaerobic Digestion. Antwerpen, Belgium, 2001.
3. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. *Comparison of the free radical scavenging activities of South African red and white wines*. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
4. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. *Total antioxidant activity of South African red and white wines: inhibition of microsomal lipid peroxidation*. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
5. JOUBERT E, WINTERTON P, BRITZ TJ. *Antioxidant and pro-oxidant activity of rooibos tea (Aspalathus)*. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
6. JOUBERT E, WINTERTON P, BRITZ TJ. Protective effects of rooibos aqueous extracts and crude phenolic fractions against lipid peroxidation in different model systems. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
7. LUBBE B, BRITZ TJ. Effect of the addition of proteolytic starter cultures on the production parameters during laboratory-scale fermentation of fresh water trout. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
8. MANLEY M, VAN ZYL A, JOUBERT E. *Application of conventional and subjective reference methods in SIMCA models*. NIR Nord NIR Conference: NIR in Food, Feed and Food Packaging. Umea, Sweden, 2001.
9. RICHARDS ES, JOUBERT E, GELDERBLOM WCA, MANLEY M. A comparative study on the antioxidant activity of Honeybush (*Cyclopia* species), Rooibos (*Aspalathus linearis*) and *Camellia sinensis* teas. Biennial International SAAFoST Congress. Durban, South Africa, 2001.
10. SIGGE GO, BRITZ TJ, FOURIE PC, BARNARDT C, STRYDOM R. *Combining UASB technology and advanced oxidation processes (AOP's) to treat food processing wastewaters*. IWA World Congress on Anaerobic Digestion. Antwerpen, Belgium, 2001.
11. VAN DER MERWE IR, BAUER R, BRITZ TJ, DICKS LMT. *Characterisation of an antibacterial peptide produced by a Propionibacterium sp.* Biennial International SAAFoST Congress. Durban, South Africa, 2001.
12. VAN SCHALKWYK C, JOUBERT H, BRITZ TJ. Aggregate forming ability of ECP-producing propionibacteria for future application in anaerobic granulation enhancement studies. International Symposium on Propionibacteria. Zurich, Switzerland, 2001.
13. VAN ZYL A, MANLEY M, WOLF EEH. *The application of Fourier transform near infrared (FT-NIR) spectroscopy in the wine industry of South Africa*. International Conference on Near Infrared Spectroscopy. Kgongju, Korea, 2001.



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1. BRITZ TJ. *Mass cultivation of kefir granules*. Plenary Session – Annual Dairy Congress. Gordons Bay, 2001.
2. BRITZ TJ, RONQUEST L-C, KEYSER M, WITTHUHN RC. *Tailor-made UASB granules used for the treatment of winery effluent*. Cape Biotech. Cape Town, 2001.
3. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. *The effect of accelerated in-bottle ageing on the antioxidant activity of red and white wines*. Viticulture and Enology Congress. Somerset West, 2001.
4. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. *Total antioxidant activity of South African red and white wines: inhibition of microsomal lipid peroxidation*. Viticulture and Enology Congress. Somerset West, 2001.
5. RICHARDS ES, JOUBERT E, GELDERBLOM WCA, MANLEY M. *Relative antioxidant potencies of the aqueous extracts of Honeybush (Cyclopia species), Rooibos (Aspalathus linearis) and Camellia sinensis teas*. IUBMB Meeting. Cape Town, 2001.
6. WITTHUHN RC, VAN WYK J, SCHOEMAN T, MYBURGH AS, BRITZ TJ. *Kepi: targeting the low-income African consumer market*. Cape Biotech. Cape Town, 2001.

### Navorsingsverslag/Research report

1. STRYDOM JP, MOSTERT JF, BRITZ TJ. *Anaerobic digestion of dairy factory effluents*. WRC Report No 455/1/01. Water Research Commission, Pretoria, 2001. 84 pp.

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1. CAMERON M. *Stabilisation of metabolite production after the application of carbon stress during the granulation process*. MScVoedselwet, 2001. 118 pp. Studieleier: Prof TJ Britz.
2. CILLIERS A. *Influence of different preservation techniques and packaging on the activity of stored Kefi grains*. MScVoedselwet, 2001. 104 pp. Studieleier/medestudieleier: Prof TJ Britz/dr RC Witthuhn.
3. ENGELBRECHT S. *Monitoring and control of hurdle parameters during the production of intermediate moisture fruit*. MScVoedselwet cum laude, 2001. 125 pp. Studieleier/medestudieleiers: Prof TJ Britz/dr RC Witthuhn en dr E Joubert (LNR, Infruitec-Nietvoorbij).
4. JOUBERT H. *Optimisation of propionibacterial ECP production and the influence of propionibacteria on the UASB granulation process*. MScVoedselwet, 2001. 134 pp. Studieleier: Prof TJ Britz.
5. SCHÉPERS S. *Anti-microbial activity of rooibos tea (Aspalathus linearis) on food spoilage organisms and potential pathogens*. MScVoedselwet cum laude, 2001. 112 pp. Studieleier/medestudieleiers: Prof TJ Britz/dr RC Witthuhn en dr E Joubert (LNR, Infruitec-Nietvoorbij).
6. SCHOEMAN T. *Characterisation and identification of the active microbial consortium present in Kefi grains*. MScVoedselwet, 2001. 127 pp. Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
7. SPENGLER CJ. *PCR-based RFLP typification of microbes used in the production of a fermented fish product*. MScVoedselwet, 2001. 93 pp. Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
8. VAN WYK J. *The inhibitory activity and sensory properties of Kefir, targeting the low-income African consumer market*. MScVoedselwet, 2001. 131 pp. Studieleier/medestudieleier: Prof TJ Britz/dr AS Myburgh.

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1. OPPERMAN WO. *Packaging technology for export grapes*. PhD Promotor/medepromotor: Dr RD Sanderson/prof TJ Britz.

2. ROBINSON RK. *Studies of traditional cheeses and fermented milks*. PhD Promotor: Prof TJ Britz.
3. SIGGE GO. *Biological treatment of lye effluents from the canning industry*. PhD Promotor/medepromotor: Prof TJ Britz/dr PC Fourie.
4. VAN SCHALKWYK C. *Microbial kinetics of the granulation process*. PhD Promotor: Prof TJ Britz.
5. VAN WYK J. *Probiotic effects by Propionibacterium cultures used as starters in fermented foods*. PhD Promotor: Prof TJ Britz.

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

1. ALLEN M. *The oxidative stability of Macadamia nut oil*. MScVoedselwet Studieleier/medestudieleier: Dr M Manley/dr E Joubert (LNR, Infruitec-Nietvoorbij).
2. CALEFATO J. *Optimization of Kefir biomass and metabolite production in conjunction with sensory valuation*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr JF Mostert.
3. CRONJE. MC. *Production of Kepi from pure cultures*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr RC Witthuhn.

4. DE BEER D. *The antioxidant activity of South African wines in radical scavenging and lipid peroxidation test systems as affected by cultivar and ageing*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr WCA Gelderblom (Promec, MNR) en dr M Manley.
5. DE BRUYN N. *The application of Fourier transform near infrared in the South African brandy and distilling industry*. MScVoedselwet Studieleier/medestudieleiers: Dr M Manley/prof M Lamprechts (Distell) en dr G Downey (NFC, Dublin).
6. ERWEE A. *Processing and control during the production of intermediate moisture fruits*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec/ Nietvoorbij)/dr CF Hansmann (LNR, Infruitec/Nietvoorbij) en prof TJ Britz.
7. GARBERS I-M. *The molecular typification of the complex microbial consortia of Kepi and Kepi grains*. MScVoedselwet Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
8. GRAY B. *Optimisation of the Harpagoside content in dried Harpagophytum procumbens (Devil's Claw) root, through controlled drying, by the application of FT-NIR as rapid sensing method*. MScVoedselwet Studieleier/medestudieleier: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr M Manley en dr WCA Gelderblom (Promec, MNR).
9. GRIESSEL W. *Fruit canning solid waste anaerobic degradation*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr PC Fourie.
10. JOUBERT M. *Manipulation of ostrich meat composition, quality and shelf-life*. MScVoedselwet Studieleier/medestudieleiers: Dr LC Hoffman/dr M Manley en dr T Brand (LNR, Elsenburg).
11. KEYSER M. *DGGE and PCR characterisation of the microbial consortium of different IASB granules*. MScVoedselwet Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
12. KRITZINGER M. *Drying of pineapple, mango and banana slices*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr H Botha.
13. RICHARDS ES. *Antioxidant and antimutagenic activities of Cyclopia species with activity-guided fractionation of unprocessed C. intermedia*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr WCA Gelderblom (Promec, MNR) en dr M Manley.
14. ROELF C. *Categorisation of bycatch and fish waste and the nutritional value thereof*. MScVoedselwet Studieleier/medestudieleier: Dr LC Hoffman/dr M Manley.
15. RÜGHEIMER S. *Potential oil crops in Namibia*. MScVoedselwet Studieleier/medestudieleier: Mnr DS Basson/mnr C Wibbelmann (University of Namibia).
16. SCHOEMAN ME. *The fatty acid profile and the oxidative stability of Mango kernel fat*. MScVoedselwet Studieleier: Dr M Manley.
17. UUSIKU PN. *The incorporation of propionibacteria into Kepi grains*. MScVoedselwet Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
18. VAN EEDEN AE. *Extracellular polymer detection and control in UASB granules*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr RC Witthuhn.

**INSTITUUT VIR WYNBIOTEGNOLOGIE**  
**(waarby ingesluit die Dept vir Wingerd- en Wynkunde) /**  
**INSTITUTE FOR WINE BIOTECHNOLOGY**  
**(including the Dept of Viticulture and Oenology)**

**Tydskrifartikels/Journal articles**

1. ARMSTRONG GO, LAMBRECHTS MG, MANSVELT EPG, VAN VELDEN DP, PRETORIUS IS. Wine and health. *South African Journal of Science* 2001; **97**: 279-282.
2. BOSS PK, VIVIER MA, MATSUMOTO S, DRY IB, THOMAS MR. A cDNA from grapevine (*Vitis vinifera* L.), which shows homology to *AGAMOUS* and *SHATTERPROOF*, is not only expressed in flowers but also throughout berry development. *Plant Molecular Biology* 2001; **45**: 541-553.

3. LA GRANGE DC, CLAEYSSSENS IM, PRETORIUS IS, VAN ZYL WH. Degradation of xylan to D-xylose by recombinant *Saccharomyces cerevisiae* co-expressing the *Aspergillus niger*  $\beta$ -xylosidase (*xlnD*) and the *Trichoderma reesei* xylanase II (*xyn2*) genes. *Applied and Environmental Microbiology* 2001; **67**: 5512-5519.
4. PRETORIUS IS. Gene technology in winemaking: new approaches to an ancient art. *Agriculturae Conspectus Scientificus* 2001; **66**: 1-20.
5. STRAUSS MLA, JOLLY NP, LAMBRECHTS MG, VAN RENSBURG P. Screening for the production of extracellular hydrolytic enzymes by non-*Saccharomyces* wine yeasts. *Journal of Applied Microbiology* 2001; **90**: 1-9.
6. SWIEGERS JH, DIPPENAAR N, PRETORIUS IS, BAUER FF. Carnitine-dependent metabolic activities in *Saccharomyces cerevisiae*: three carnitine acetyltransferases are essential in a carnitine-dependent strain. *Yeast* 2001; **18**: 585-595.
7. TORREGROSA L, BOUQUET A, GOUSSARD PG. *In vitro* culture and propagation of grapevine. *Molecular Biology and Biotechnology of the Grapevine* 2001: 281-326.
8. VERSTREPEN KJ, BAUER FF, WINDERICKX J, DERDELINCKX G, PRETORIUS IS, THEVELEIN JM, DELVAUX FR. Late fermentation expression of *FLO1* in *Saccharomyces cerevisiae*. *Journal of the American Society of Brewing Chemists* 2001; **52**: 69-76.
9. VERSTREPEN KJ, BAUER FF, WINDERICKX J, DERDELINCKX G, DUFOUR J-P, THEVELEIN JM, PRETORIUS IS, DELVAUX FR. Genetic modification of *Saccharomyces cerevisiae*: fitting the modern brewer's needs. *Cerevisia* 2001; **26**: 89-97.

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1. ARCHER E. *Grapevine compensating reactions as induced by alternative pruning methods*. Latin-American Congress of Viticulture and Oenology. Montevideo, Uruguay, 2001.
2. ARCHER E. *Vine stress: effect on vegetative and reproductive performance of the vine*. Symposium on Creating Homogeneous Vineyard Canopies. Buin, Chile, 2001.
3. BAUER FF, PRETORIUS IS. *Yeast stress response and fermentation efficiency: how to survive the making of wine – a review*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.
4. BERTHELNS NJ, PATTERTON HE, BAUER FF, THEVELEIN JM, PRETORIUS IS. *Improvement of fructose utilization by Saccharomyces cerevisiae wine yeast*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.

5. BONNARDOT VMF, DU PREEZ CB, CAUTENET S, PLANCHON O, DU PREEZ C, CAREY VA. *Modélisation atmosphérique méso-échelle: un outil pour l'identification des terroirs viticoles en Afrique du Sud*. 14th International Association for Climatology Congress. Seville, Spain, 2001.
6. CAREY VA, BONNARDOT VMF, SCHMIDT A, THERON JCD. *The interaction between vintage, vineyard site (mesoclimate) and wine aroma of Vitis vinifera L. cvs. Sauvignon blanc, Chardonnay and Cabernet Sauvignon in the Stellenbosch-Klein Drakenstein wine growing area, South Africa (1996-2000)*. 26th World Vine and Wine Congress. Adelaide, Australia, 2001.
7. DU TOIT M, DU TOIT C, KRIELING SJ, PRETORIUS IS. *Biopreservation of wine with antimicrobial peptides and enzymes*. 26th World Wine and Vine Congress. Adelaide, Australia, 2001.
8. DU TOIT M, PRETORIUS IS. *Microbial spoilage and preservation of wine: using weapons for nature's own arsenal – a review*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.
9. FRANKEN J, BAUER FF, PRETORIUS IS. *Repression of MUC1 and STA2 transcription: tying up loose ends*. South African/Flemish Workshop. Stellenbosch, 2001.
10. GAGIANO M, BAUER FF, PRETORIUS IS. *Analysis of the role of Mss11p in pseudohyphal differentiation and invasive growth*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.
11. LAMBRECHTS MG, MULLER CA, VAN RENSBURG P, MANLEY M, PRETORIUS IS. *Assessing the risks associated with genetically modified yeast from a practical perspective*. 26th World Wine and Vine Congress. Adelaide, Australia, 2001.
12. LAMBRECHTS MG, PRETORIUS IS. *Yeast and its importance to wine aroma*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.
13. PATTERTON HE, BERTHELNS NJ, BAUER FF, THEVELEIN JM, PRETORIUS IS. *The assimilation of glucose by wine yeast under nitrogen limitation conditions*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.
14. PRETORIUS IS. *Tailoring wine yeast for the new millennium: novel approaches to the ancient art of winemaking*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.
15. PRETORIUS IS. *Tailoring wine yeast for the third millennium: novel approaches to the ancient art of winemaking*. International Workshop on Agricultural and Veterinary Biotechnology (by invitation). Sassari, Italy, 2001.
16. PRETORIUS IS, DU TOIT M, DU TOIT C, D'AGUANNO VS. *Biopreservation of wine with antimicrobial peptides*. 6th International Symposium on Innovations in Wine Technology (by invitation). Stuttgart, Germany, 2001.
17. PRETORIUS IS, DU TOIT M, DU TOIT C, D'AGUANNO VS. *Development of bactericidal wine yeast starter cultures*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.
18. PRETORIUS IS, LILLY M, LAMBRECHTS MG. *Development of wine yeast strains with improved ester profiles*. 6th International Symposium on Innovations in Wine Technology (by invitation). Stuttgart, Germany, 2001.
19. PRETORIUS IS, LILLY M, LAMBRECHTS MG, BAUER FF. *Development of wine yeast strains with improved ester profiles*. 26th World Wine and Vine Congress. Adelaide, Australia, 2001.
20. SWIEGERS JH, KROPPENSTEDT S, FONT-SALA C, DIPPENAAR N, PRETORIUS IS, BAUER FF. *The metabolic role of the three carnitine acetyltransferases in Saccharomyces cerevisiae*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.
21. VAN DYK D, BAUER FF, PRETORIUS IS. *Genetic interaction between transcription factors regulating MUC1 and STA2*. South African/Flemish Workshop. Stellenbosch, South Africa, 2001.
22. VAN DYK D, BAUER FF, PRETORIUS IS. *Systematic analysis of transcriptional regulators required for the expression of genes involved in filamentous growth, in*

- response to specific nutritional signals*. 20th International Conference on Yeast Genetics and Molecular Biology. Prague, Czech Republic, 2001.
23. VAN RENSBURG P, LA GRANGE DC, PRETORIUS IS, FAN Z, ZHANG Y, FRIEDLANDER L, LYND LR. *Development and characterization of recombinant Saccharomyces cerevisiae strains expressing saccharolytic enzymes*. 23rd Symposium on Biotechnology for Fuels and Chemicals. New Hampshire, USA, 2001.
  24. VAN RENSBURG P, LA GRANGE DC, PRETORIUS IS, VAN ZYL WH, FAN A, FRIEDLANDER L, LYND LR. *Development and characterization of recombinant Saccharomyces strains expressing saccharolytic enzymes*. 23rd Symposium on Biotechnology for Fuels and Chemicals. Colorado, USA, 2001.
  25. VAN RENSBURG P, LAMBRECHTS MG, MARITZ A, PRETORIUS IS. *Manipulating volatile phenol concentrations in wine*. 26th World Wine and Vine Congress. Adelaide, Australia, 2001.
  26. VAN RENSBURG P, PRETORIUS IS. *Enzymes in winemaking: harnessing natural catalysts for efficient biotransformations – a review*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.
  27. VAN ZYL WH, LA GRANGE DC, VAN RENSBURG P, ROSE SH, SETATI ME, DEN HAAN R, PRETORIUS IS, FAN Z, ZHANG Y, LYND LR. *Heterologous production of lignocellulose hydrolases in yeast and filamentous fungi*. Gordon Conference: Cellulases and Cellulosomes. Proctor Academy, New Hampshire, USA, 2001.
  28. VIVIER MA, BECKER J, CARSTENS M, DE ASCENSAO AR, DE BEER A, JOUBERT DA, MARAIS EM, PRETORIUS IS. *Upregulation of grapevine's natural resistance mechanisms against fungal pathogens*. 26th World Wine and Vine Congress. Adelaide, Australia, 2001.
  29. VIVIER MA, PRETORIUS IS. *Genetic improvement of grapevine: tailoring grape varieties for the third millennium – a review*. Short course (by invitation). Universidad de Castilla – La Mancha, La Sapienza, Spain, 2001.

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5. BAYLY JC, DU TOIT M, LAMBRECHTS MG, PRETORIUS IS. *The manipulation of the genes involved in the production of ethyl- and isoamyl acetate during the production of wine and brandy*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
6. BERGSTEDT JK, LAMBRECHTS MG, JOLLY NP, DU TOIT M. *The influence of non-Saccharomyces yeasts on volatile acidity in wine*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
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8. BONNARDOT VMF, DU PREEZ CB, CAUTENET S, PLANCHON O, CAREY VA. *Identification of climatic limits and coolest areas resulting from the sea breeze effect in the Stellenbosch/Helderberg winegrowing area*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
9. CAREY VA. *The terroir effect in red wine production*. A Strategic Focus on South African Red Wine. Somerset West, 2001.
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11. CAREY VA, ARCHER E, SAAYMAN D. *Spatial characterisation of natural terroir units for viticulture in the Bottelaryberg-Simonsberg-Helderberg winegrowing area*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
12. DOMINGO JL, GOVENDER P, BAUER FF, PRETORIUS IS. *Adjusting the flocculation behaviour of yeast strains to improve winemaking*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
13. DU PREEZ C, BONNARDOT VMF, CAUTENET S, PLANCHON O, CAREY VA. *Sea breeze numerical simulations at a 200m-grid resolution in the Stellenbosch/Helderberg wine-growing area*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
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16. HIGNETT JS, DU TOIT M, LAMBRECHTS MG, PRETORIUS IS. *The disruption and overexpression of two esterase genes, TIP20 and IAH1, in industrial Saccharomyces cerevisiae*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
17. LERM T, VIVIER MA. *Optimisation of regeneration of somatic embryos from Vitis vinifera cultivar Sultana*. 25th Conference of the SA Society for Enology and Viticulture. Somerset West, 2001.
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4. STIDWELL TG. *The use of glucosidase for increased aroma formation in wine*. MSc, 2001. 95 pp. Studieleier/medestudieleiers: Prof IS Pretorius/drr P van Rensburg en MG Lambrechts.

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2. CHAMPANIS R. *Transformation of grapevine with a yeast invertase gene containing different targeting signals*. PhD Promotor/medepromotors: Dr MA Vivier/proff IS Pretorius en FC Botha.
3. D'AGUANNO VS. *Yeast as biological control agents*. PhD Promotor/medepromotor: Dr M du Toit/prof IS Pretorius.
4. 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.
5. FELIX-MINNAAR JV. *Expression of the chicken lysozyme gene in Saccharomyces cerevisiae*. PhD Promotor/medepromotors: Prof IS Pretorius/drr M du Toit en MG Lambrechts.
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/drr FF Bauer en MG Lambrechts.
8. GEY VAN PITTIUS MH. *Methods of determination of the uptake of herbicides on Vitis vinifera*. PhD Promotor/medepromotors: Prof P Swart/dr T van der Merwe en prof IS Pretorius.
9. GOVENDER P. *Industrial yeast strains engineered for controlled flocculation*. PhD Promotor/medepromotors: Prof IS Pretorius/dr FF Bauer en prof AS Gupthar (University of Durban-Westville).
10. GUNDLLAPALLI MOSES SB. *Construction of a recombinant Saccharomyces cerevisiae strain for efficient polysaccharide utilisation*. PhD Promotor/medepromotors: Dr P van Rensburg/dr RR Cordero Otero en prof IS Pretorius.
11. JOLLY NP. *Characterization, evaluation and use of non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor/medepromotors: Prof IS Pretorius/drr M du Toit en O Augustyn.
12. JOUBERT DA. *Promoter analysis of a Vitis vinifera PGIP gene encoding a polygalacturonase-inhibiting protein*. PhD Promotor/medepromotors: Prof IS Pretorius/drr MA Vivier en G de Lorenzo (University La Sapienza, Italy).
13. LILLY M. *Cloning and characterization of genes involved in higher alcohol synthesis by the yeast Saccharomyces cerevisiae*. PhD Promotor/medepromotors: Dr FF Bauer/dr MG Lambrechts en prof IS Pretorius.
14. MACNAMARA K. *Flavour components of whiskey*. PhD Promotor/medepromotor: Prof CJ van Wyk/prof PG Goussard.
15. NIEUWOUDT HH. *Genetic manipulation of wine yeasts to increase glycerol production*. PhD Promotor/medepromotors: Prof BA Prior/dr FF Bauer en prof IS Pretorius.
16. RAMACHANDRAN N. *Development of an  $\alpha$ -amylase with improved properties*. PhD Promotor/medepromotors: Dr P van Rensburg/dr RR Cordero Otero en prof IS Pretorius.



17. SCHOEMAN H. *Detection and monitoring growth behaviour of genetically modified yeasts within microbial vineyard populations*. PhD Promotor/medepromotors: Prof G Wolfaardt/prof IS Pretorius, dr P van Rensburg en prof M Grossmann (Dept of Microbiology and Biochemistry, Geisenheim Research Institute).
18. 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/medepromotors: Dr MG Lambrechts/prof IS Pretorius en dr M du Toit.
19. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Dr FF Bauer/prof IS Pretorius.
20. TAYLOR KL. *Isolation and characterization of carotenoid biosynthetic genes from Vitis vinifera*. PhD Promotor/medepromotor: Dr MA Vivier/prof IS Pretorius.
21. VAN DYK D. *Genetic analysis of a signal transduction pathways: The regulation of invasive growth and starch degradation in Saccharomyces cerevisiae*. PhD Promotor/medepromotor: Prof IS Pretorius/dr FF Bauer.
22. 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. BAYLY JC. *Manipulating ethyl and isoamyl acetate formation during the production of wine and brandy*. MSc Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
2. BECKER JvW. *Plant defence genes expressed in tobacco and yeast*. MSc Studieleier/medestudieleier: Dr MA Vivier/prof IS Pretorius.
3. BESTER MC. *Subcellular localization and characterization of the transcriptional regulators Mss11p and Flo8p of the yeast Saccharomyces cerevisiae*. MSc Studieleier/medestudieleier: Prof IS Pretorius/dr FF Bauer.
4. BOTES MP. *Parameters vir optimum-rypheid van Cabernet Sauvignon in Suid-Afrika*. MSc Studieleier/medestudieleier: Dr P van Rensburg/dr MG Lambrechts.

5. BURGER HJ. *'n Vergelykende studie tussen vier vroeë, wit pitlose tafelkultivars in die Oranjerivierarea.* [Comparative analysis of four early white, seedless table grape cultivars in the Orange River area.] MSc Studieleier/medestudieleier: Dr MA Vivier/dr C Orth (Orth & Hattingh Consulting cc. Upington).
6. CARSTENS M. *The Saccharomyces cerevisiae chitinase, encoded by the CTS1-2 gene, as an antifungal and biocontrol agent.* MSc Studieleier/medestudieleiers: Dr MA Vivier/prof IS Pretorius en dr P van Rensburg.
7. CORRANS JL. *Development of vector systems for commercial wine yeasts.* MSc Studieleier/medestudieleiers: Dr FF Bauer/prof IS Pretorius, dr MA Vivier, MG Lambrechts en R Dorrington (Rhodes University, Grahamstown).
8. DE BEER A. *The expression of an antifungal peptide with activity against Botrytis in tobacco and grapevine plants.* MSc Studieleier/medestudieleier: Dr MA Vivier/prof IS Pretorius.
9. DOMINGO JL. *The evaluation of stationary phase specific gene promoters for controlled flocculation of yeast cells.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
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11. DU TOIT C. *The evaluation of bacteriocins and enzymes for biopreservation of wine.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/dr P van Rensburg en M du Toit.
12. EKSTEEN J. *Cloning, characterisation and expression of amylase-encoding genes in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr P van Rensburg.
13. FARMER JM. *The effect of indigenous and commercial yeasts on urea levels in South African wines.* MSc Studieleier/medestudieleiers: Dr M du Toit/prof IS Pretorius, dr MG Lambrechts en mnr NP Jolly.
14. FONT-SALA C. *Cloning and analysis of genes encoding proteins associated with carnitine metabolism in Saccharomyces cerevisiae and the effects of carnitine on yeast physiology.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
15. FRANKEN CJ. *The effect of nucleosome positioning and general repression on the transcriptional regulation of MUC1 and STA2.* MSc Studieleier/medestudieleiers: Dr FF Bauer/prof IS Pretorius en dr H Patterson (Universiteit Kaapstad).
16. HANSSON GR. *Molecular analysis of MSS12, a Saccharomyces cerevisiae gene involved in starch metabolism.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/dr FF Bauer en MG Lambrechts.
17. HIGNETT JS. *The disruption and overexpression of two esterase genes, ISH1 and TIP1, in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleiers: Dr M du Toit/prof IS Pretorius en dr P van Rensburg.
18. KRIEL JH. *Development of synthetic signal sequences for heterologous protein secretion from Saccharomyces cerevisiae.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr RR Cordero Otero.
19. KRIELING SJ. *An investigation into lactic acid bacteria as a possible cause of bitterness in wine.* MSc Studieleier/medestudieleiers: Dr M du Toit/prof IS Pretorius en dr MG Lambrechts.
20. KROPPESTEDT S. *The role of carnitine acetyl transferases in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof IS Pretorius.
21. LA GRANGE-NEL K. *Characterization and improvement of whiskey yeast.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/dr P van Rensburg, MG Lambrechts, M du Toit en mnr Q Willemsse (Distell, Stellenbosch).
22. LAUBSCHER AE. *The optimisation of a transformation protocol for the grapevine chloroplast genome.* MSc Studieleier/medestudieleier: Dr JT Burger/dr MA Vivier.
23. LOUW GD. *Die genetiese transformasie van druifkultivars vir siekteweerstand.* [The genetic transformation of grapevine cultivars for disease resistance.]. MSc Studieleier/medestudieleier: Dr MA Vivier/prof PG Goussard.

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26. MINNAAR J. *Determining the factors causing random oxidation of South African table wines.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr MG Lambrechts.
27. MOGASHOA MM. *Construction and expression of a polysaccharase gene cassette in Saccharomyces cerevisiae.* MSc Studieleier/medestudieleier: Prof IS Pretorius/dr R Howard (University of the North).
28. MORGAN J. *Screening, isolation and characterization of antimicrobial/antifungal peptides produced by wine isolated lactic acid bacteria.* MSc Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
29. MULLER CA. *Monitoring the spreading of commercial wine yeasts in vineyards.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/dr MG Lambrechts, prof IS Pretorius en dr M Manley.
30. OELOFSE A. *Isolation and characterisation of the antimicrobial peptides produced by Acetobacter aceti and Acetobacter pasteurianus.* MSc Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
31. POTGIETER N. *Cloning and expression of the Debaryomyces vanriji  $\beta$ -glucosidase gene in Saccharomyces cerevisiae for enhanced release of flavour-associated terpenes in wine.* MSc Studieleier/medestudieleier: Prof IS Pretorius/drr P van Rensburg en RR Codero Otero.
32. SHERIDAN CM. *A critical process analysis of wine production to improve cost, quality and environmental performance.* MSc Studieleier/medestudieleier: Dr FF Bauer/prof L Lorenzen.
33. SMIT A. *Engineering yeast for the production of optimal levels of volatile phenols in wine.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr MG Lambrechts.
34. STANLEY LCJ. *Accelerated wine yeast autolysis.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr MG Lambrechts.
35. STRAUSS MLA. *The transformation of wine yeasts with glucanase, xylanase and pectinase genes for improved clarification and filterability of wine.* MSc Studieleier/medestudieleiers: Prof IS Pretorius/drr P van Rensburg en MG Lambrechts.
36. STREVER AE. *Die gebruik van langafstand spektrale analises om stresstatus in wingerdplante te moniteer en interpreteer. [Hyperspectral long distance monitoring of grapevine stress and its application in Viticulture.]* MSc Studieleier/medestudieleiers: Dr MA Vivier/proff E Archer, IS Pretorius en P Coppin (Katholieke Universiteit, Leuven).
37. SWART EM. *Die invloed van eksogene proteïene op endogene-protiases.* MSc Studieleier: Dr P van Rensburg.
38. VAN DER MERWE P. *The optimisation of  $\beta$ -glucosidase enzyme production in wine yeast.* MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr RR Cordero Otero.

**FAKULTEIT REGSGELEERDHEID**  
**FACULTY OF LAW**

<b>HANDELSREG / MERCANTILE LAW</b>
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**Tydskrifartikels/Journal articles**

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2. DUPPER OC. La loi sur l'égalité dans l'emploi de 1998: une réponse à l'héritage de la discrimination en Afrique du Sud. *Bulletin de droit comparé du travail et de la sécurité sociale* 2001: 81-112.
3. DUPPER OC. Maternity protection in South Africa: an international and comparative perspective (Part 1). *Stellenbosch Law Review* 2001; **13**(1): 421-438.
4. DUPPER OC. Justifying unfair discrimination: the development of a general "fairness" defence in South African (Labour) Law. *Acta Juridica* 2001: 147-174.
5. DUPPER OC, MALHERBE K, SHIPMAN B, BOLANI E. The case for increased reform of South African family and maternity benefits. *Journal of Law, Democracy and Development* 2001; **4**: 27-41.
6. HUGO CF. Documentary credits: apparently conforming documents equals conforming documents! The bizarre heritage of United City Merchants (Investments) Ltd v Royal Bank of Canada. *SA Mercantile Law Journal* 2001; **13**(4): 594-603.
7. KLOPPERS PW. Judicial management reform – steps to initiate a business rescue. *SA Mercantile Law Journal* 2001; **13**(4): 359-379.
8. LEGWAILA T. An introduction to the Rental Housing Act 50 of 1999. *Stellenbosch Law Review* 2001; **12**(2): 277-282.
9. STEVENS RA. RIP testator: Wessels NO v De Jager en 'n ander NNO. *South African Law Journal* 2001; **118**(2): 230-236.
10. SUTHERLAND PJ. Payments of commission made subject to resolutive conditions that restrain trade. *South African Law Journal* 2001; **118**(3): 403-414.

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1. DUPPER OC. *Affirmative action and substantive equality: the South African experience*. Joint Meeting: Law and Society Association and Research Committee on Sociology of Law. Budapest, Hungary, 2001.
2. DUPPER OC. *Implementation strategies for diversity management*. Diversity from an Economic Perspective. Rotterdam, The Netherlands, 2001.

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2. DUPPER OC. *Unfair discrimination: recent developments and future challenges*. South African Society of Labour Law National Conference. Cape Town, 2001.
3. HUGO CF. *The Bills of Exchange Amendment Act: an overview*. Conference on the Bills of Exchange Amendment Act 56 of 2000. Stellenbosch, 2001.

**Hoofstukke in boeke/Chapters in books**

1. BUTLER DW. Share blocks. In: Joubert WA, Faris JA, (eds). *The Law of South Africa First Reissue Volume 25 Part 1*. Butterworths, 2001: 1-77.
2. DUPPER OC. The lack of opportunities for disadvantaged members of society. In: Strydom E, (ed.). *Essential Social Security Law*. Juta, 2001: 188-193.
3. DUPPER OC. Maternity. In: Strydom E, (ed.). *Essential Social Security Law*. Juta, 2001: 161-170.

### Doktoraal lopend/Doctoral current

1. BOECK A. *A comparison of the nature and scope of maritime liens and their enforcement as claims in South African and German law.* LLD Promotor/medepromotor: Prof CF Hugo/prof J Hare.
2. DE VILLE EM. *A comparative investigation of the dilution of registered trade marks.* LLD Promotor/medepromotor: Prof C Visser/prof DW Butler.
3. GARBERS C. *Proof and evidence of discrimination in the workplace.* LLD Promotor: Prof OC Dupper.
4. LOURENS M. *An analysis of the different regimes governing the carriage of goods by sea: a suggested approach for South Africa.* LLD Promotor/medepromotor: Prof CF Hugo/prof H Staniland.

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1. AFFLERBACH K. *The quest for effective arbitration: new developments in South Africa and Germany.* LLM Studieleier: Prof DW Butler.
2. BASTEK SB. *The taxation of electronic commerce: new challenges to the double taxation agreement between South Africa and Germany.* LLM Studieleier: Mnr PG Oosthuizen.
3. 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 WAAL MJ. In search of a model for the introduction of the trust into a civilian context. *Stellenbosch Law Review/Regstydskrif* 2001; **12**(1): 63-85.
2. DU PLESSIS JE. Verlede maand se hofverslae. *De Rebus* 2001; (397): 25-29.
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8. DU PLESSIS W, OLIVIER N, PIENAAR J. Evictions, restitution, spatial information, the right to housing and minerals: new approaches from the government and the courts. *SA Publikereg* 2001; **16**(1): 181-216.
9. DU PLESSIS W, OLIVIER N, PIENAAR J. Geweld – ook in die nuwe millennium 'n verdere toename. *SA Publikereg* 2001; **16**(1): 217-228.
10. LOUBSER M. Lord Denning. *Stellenbosch Law Review/Regstydskrif* 2001; **12**(1): 3-9.
11. LUBBE GF. Law of purchase and sale. *Annual Survey of South African Law* 1999; 186-205.
12. 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.
13. MOSTERT H. Big oaks from little acorns grow (or: the significance of foreign law for the development of South African constitutional property law) (part I). *Stellenbosch Law Review/Regstydskrif* 2001; **12**(2): 326-340.
14. MOSTERT H. Big oaks from little acorns grow (or: the significance of foreign law for the development of South African constitutional property law) (part II). *Stellenbosch Law Review/Regstydskrif* 2001; **12**(3): 498-518.
15. MOSTERT H. The recent amendments to the regulations accompanying the Sectional Titles Act. *Stellenbosch Law Review/Regstydskrif* 2001; **12**(2): 258-264.
16. MOSTERT H. South African constitutional property protection between libertarianism and liberationism: challenges for the judiciary. *Zeitschrift für ausländisches öffentliches Recht und Völkerrecht* 2000; **60**(2): 295-330.

17. 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.
18. NAUDE T, LUBBE G. Cancellation for “material” or “fundamental” breach: a comparative analysis of South African law, the UN Convention on Contracts for the International Sale of Goods (CISG) and the UNIDROIT principles of international commercial contracts. *Stellenbosch Law Review/Regstydskrif* 2001; **12**(3): 371-398.
19. PIENAAR JM. Die nuwe grondhervormingsraamwerk: genoegsame beskerming vir grondeienaars en plaaswerkers? *Woord en Daad* 2001; (377): 9-12.
20. PIENAAR JM. Recent developments relating to automatic review proceedings in the Land Claims Court. *De Jure* 2001; **34**(1): 162-171.
21. PIENAAR JM. The role of the Western Cape Planning and Development Act 7 of 1999 in the promotion of development. *Stellenbosch Law Review/Regstydskrif* 2001; **12**(3): 450-461.
22. PIENAAR JM. Wisselwerking tussen die Wet op die Beheer van Aandeleblokke 59 van 1980 en die Wet op Uitbreiding van Sekerheid van Verblyfreg 62 van 1997. *Tydskrif vir die Suid-Afrikaanse Reg* 2001; (1): 134-146.
23. PIENAAR JM, BALATSENG D. Post 1994 rural development measures: current issues. *Konrad Adenauer Stiftung Seminar Report* 2001; (6): 127-134.
24. PIENAAR JM, DU PLESSIS W, OLIVIER N. Land reform – trends developing in case law. *SA Publikereg/SA Public Law* 1999; **14**(2): 528-553.
25. PIENAAR JM, DU PLESSIS W, OLIVIER N. Voortdurende stryd teen die onmenslike samelewing. *SA Publikereg/SA Public Law* 1999; **14**(2): 515-528.
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2. LOUW DJ. *Creative hope and imagination in a Practical Theology of aesthetic (artistic) reason*. 4th International Academy of Practical Theology, Quebec International Conference. Canada, 1999; *Creativity, imagination and criticism: the expressive dimension in Practical Theology* 2001: 91-104.
3. LOUW DJ. *Dignity and pneuma: social-cultural analysis in pastoral care and counselling*. 14th International Seminar on Intercultural Pastoral Care and Counselling. London Colney,



St Albans, England, 2000; *Stories of human dignity: opportunities for pastoral care and counselling* 2001: 53-64.

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1. HENDRIKS HJ. *AIDS in Africa: between denial and truth-telling*. Religious Research Association, Annual Meeting. Columbus, Ohio, USA, 2001.
2. PRINS JMG. *Values to be caught and taught: the response of the church to the teenage moral dilemma*. Fourth Conference on Youth Ministry. Oxford, 2001.

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1. HENDRIKS HJ. *Moral leadership*. Leadership International Meeting. Bellville, 2001.
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1. THESNAAR CH. *Die proses van heling en versoening: 'n pastoraal-hermeneutiese ondersoek van die dinamika tussen slagoffer en oortreder binne 'n post-WVK periode*. DTh, 2001. 310 pp. Promotor: Prof DJ Louw.

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1. AUGUST KTh. *The quest for being public church: a study of the South African Moravian Church in historical and contemporary perspective*. DTh Promotor: Prof HR Botman.
2. BARBER DC. *Healing and spiritual wholeness: an assessment of Henry Nouwen's approach to pastoral care*. DTh Promotor: Prof DJ Louw.
3. BLIGNAUT RJ. *'n Ondersoek na die teoretiese uitgangspunte van programme vir avontuurkampe en die benutting daarvan in die geloofsvorming van die vroeë adolessent*. DTh Promotor: Dr JMG Prins.
4. CHO H-J. *Imagination in the formation of faith: a developmental approach (7-11 years)*. DTh Promotor: Dr JMG Prins.
5. DU TOIT AF. *Die meningsvormende invloed van die Kerkbode vanaf 1980-1992 op gemeenteteologie in die RSA*. DTh Promotor: Dr JH Cilliers.
6. DU TOIT RC. *'n Identiteitsanalise van die Christelike Gereformeerde Kerk in Suid-Afrika*. DTh Promotor: Prof HJ Hendriks.
7. GROBBELAAR J. *Die teorie van die intergenerasionele kleingroep in die gemeentelike bediening aan die laerskoolkind*. DTh Promotor: Dr JMG Prins.
8. HOVIL J. *Transforming theological education in the Anglican Church in Uganda*. DTh Promotor: Prof HJ Hendriks.
9. JANSE R. *Spiritualiteitsdiversiteit as uitdaging aan die Gereformeerde erediens: lofprysing as liturgiese kontekstualisering*. DTh Promotor/medepromotor: Prof HJ Hendriks/dr JH Cilliers.
10. KANG G-S. *Church leadership within the South Korean context*. DTh Promotor: Prof HJ Hendriks.
11. LEE S-J. *A homiletical analysis of Korean representative sermons in terms of the divine presence*. DTh Promotor: Dr JH Cilliers.
12. LEE WJ. *A critical evaluation of listener centred preaching*. DTh Promotor: Dr JH Cilliers.
13. MATHAM W. *The Evangelical Alliance Mission: an evaluative study of its discipling ministry among coloured people of Swaziland and South Africa*. DTh Promotor: Prof HR Botman.
14. NDHLOVU J. *Combatting AIDS: a ministerial strategy for Zambian churches*. DTh Promotor: Prof HJ Hendriks.
15. PIENAAR ZC. *'n Ondersoek na die stand van die klein plattelandse gemeentes in die Verenigde Gereformeerde Kerk, Namibië*. DTh Promotor: Prof HJ Hendriks.
16. PLAATJIES CW. *Revisioning the denominational ethos and administrative structures of the Seventh Day Adventist Church in South Africa*. DTh Promotor: Prof HJ Hendriks.
17. RUNYOWA W. *Evangelism as a holistic ministry in the congregations of the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
18. RUTORO R. *The development of lay leadership in the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
19. SHIM YK. *Pastoral care and counselling to children within the cultural context of the Korean church*. DTh Promotor: Prof DJ Louw.
20. TAYLOR J-A. *Incarnational spirituality as counselling method related to individuals with eating disorders*. DTh Promotor: Prof DJ Louw.
21. VAN DEVENTER GJ. *Die funksie van die huisgesin van God metafoor vir 'n prakties-teologiese ekklesiologie*. DTh Promotor: Prof HJ Hendriks.
22. VERMEULEN P. *The sermon on the Mount as Biblical foundation of mission*. DTh Promotor: Prof HR Botman.
23. WEPENER CJ. *Rituele roetemerkers vir versoening: 'n liturgies-antropologiese ondersoek na versoeningsrituele binne 'n Suider-Afrikaanse kultuurkonteks*. DTh Promotor: Dr JH Cilliers.

## Magister lopend/Master's current

1. MIN S-Y. *Theology in pastoral care and counselling*. MTh Studieleier: Prof DJ Louw.
2. TRUTER D. *The quest for a dispositional ethics in pastoral care*. MTh Studieleier: Prof DJ Louw.

## SISTEMATIESE TEOLOGIE EN EKKLESIOLOGIE / SYSTEMATIC THEOLOGY AND ECCLESIOLOGY

### Tydskrifartikels/Journal articles

1. BRINK G. Daniel Francoius Malan (1874-1959), the Nehemiah of Afrikanerdom, his theology and its influence: an ecclesiological study. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(1&2): 15-27.
2. COERTZEN P. Church and state: the position of churches in South Africa before and under a new constitution. *Studia Historiae Ecclesiasticae* 2001; **XXVII**(2): 133-154.
3. COERTZEN P. The Dutch Reformed Church and labour relations. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(3&4): 267-277.
4. COERTZEN P. Johan Calvin and the jurisdiction of the church. *Koers* 2001; **66**(1&2): 115-130.
5. COERTZEN P. "Les veilles Afriquaines" – Afrika Nagstudies. Die herdigting van die Psalms in Frans aan die Kaap van Goeie Hoop in 1699. *Studia Historiae Ecclesiasticae* 2001; **XXVII**(1): 55-75.
6. COERTZEN P. Die regsposisie van kerke in Suid-Afrika. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(1&2): 115-122.
7. NAUDE PJ, SMIT DJ. Reception – ecumenical crisis or opportunity for South African churches? *Scriptura* 2000; **73**(2): 175-188.
8. SCHOLTZ A. Die kerk en die regbank – 'n nabetrugting na aanleiding van die Schreuder-saak. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(1&2): 184-191.
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10. THERON J, THERON PF. Die vlees het Woord geword: Rigters 19. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(3&4): 406-415.
11. THERON PF. The Kingdom of God and the theology of Calvin. Response to the paper by Prof JH van Wyk. *In die Skriflig* 2001; **35**(2): 207-224.
12. THERON PF, BADENHORST T. Ons hoogste Profeet en leraar: die uitdaging van die aardse optrede van Christus aan die dogmatiek. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(3&4): 219-236.
13. TORFS R. Church and state: relevant issues for a democratic state. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(1&2): 147-157.
14. VAN DE BEEK A. De binnekerkelijke situatie in Nederland. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(3&4): 416-428.
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1. COERTZEN P. *Church and state. Religion in a pluralistic society – a reformed view.* International Reformed Theological Institute Conference. Princeton, 2001.
2. SMIT DJ. *Has there been any change? On the role of the Dutch Reformed Church 1974-1990.* Paper requested for Conference on Interdisciplinary Research Project of the University of Hamburg. Hamburg, Germany, 2001.
3. SMIT DJ. *Looking for a question – on Ecclesiology and ethics in South Africa today.* Lecture in Research Group, Center of Theological Inquiry. Princeton, NJ, USA, 2001.
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5. SMIT DJ. *On learning to speak. A South African Reformed perspective on dialogue.* Paper for Joint Study Group of the Vatican and the World Alliance of Reformed Churches. Strand, 2001.

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2. COERTZEN P. *Heling en volheid. Die verhouding tussen kerk en staat in Suid-Afrika onder 'n nuwe grondwet*. [Healing and wholeness. The relation between church and state in South Africa under a new constitution.] Kerk Historiese Werkgemeenskap van SA. Hammanskraal, 2001.
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4. SMIT DJ. *Resente strominge in die etiek*. Openbare kursus, BUVTON-Navorsingsgroep oor Morele Vorming. Simonsberg, 2001.
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1. COMPAAN AL. *Kreatiewe pluralismes? 'n Kritiese analise van Michael Welker se "postmoderne" teologiese ontwerp*. DTh Promotor: Prof DJ Smit.
2. DICKS NS. *Gereformeerde Kerkreg en die gemeentelike bediening van die leraar*. DTh Promotor: Prof P Coertzen.
3. GAVERA JP. *The theology of Hendrikus Berkhof. An analysis of a modern design of mediation theology*. DTh Promotor: Prof PF Theron.
4. HAN SJ. *St Augustine's influence on Calvin's writings on the basis of Calvin's use of St Augustine*. DTh Promotor: Prof P Coertzen.
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. LE BRUYNS CC. *The papacy as ecumenical challenge. contemporary Protestant perspectives on the Petrine Ministry*. DTh Promotor: Prof DJ Smit.
8. MUUNGANI K. *The doctrine of justification by faith from an African perspective*. DTh Promotor: Prof PF Theron.
9. NYATYOWA TS. *From a Dutch Reformed Bantu Church to the Uniting Reformed Church (1924-1994): the history of the Dutch Reformed Bantu Church in South Africa from an African perspective*. DTh Promotor: Prof JC Adonis.
10. PAUW C. *Geloof, politiek en inkulturasie in Suid-Afrika in die anti-apartheid en antikoloniale teologie*. DTh Promotor/medepromotors: Dr A van de Beek/prof DJ Smit en dr N Kooipman.

11. RUST A. *'n Kritiese evaluering van die deklarasie van die wêreldbond van Gereformeerde Kerke van 'n Processus Confessionis (Debrecen 1997)*. DTh Promotor: Prof DJ Smit.
12. SON SH. *This history of revival in Thailand*. DTh Promotor: Prof P Coertzen.
13. SWART FJ. *Kerk en onderwys. 'n Kerkregtelike studie van artikel 69 van die Kerkorde (1982) van die Nederduitse Gereformeerde Kerk*. DTh Promotor: Prof P Coertzen.
14. TYLER C. *The recovery of the Reformed Faith in the English speaking churches in South Africa*. DTh Promotor: Prof P Coertzen.

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

**BURO VIR VOORTGESETTE TEOLOGIESE OPLEIDING  
EN NAVORSING (BUVTON) /  
BUREAU FOR CONTINUING THEOLOGICAL TRAINING  
AND RESEARCH**

### **Tydskrifartikels/Journal articles**

1. BURGER CW. Nie goedgelowig nie, maar gelowig en goed: oor die uitdaging van beter morele vorming in en deur gemeentes. *Skrif en Kerk* 2000; **21**(2): 228-242.
2. BURGER CW. Reformed liturgy in the South African context. *Acta Theologica* 2001; **21**(2): 5-20.
3. VAN DER MERWE IJ. "Hoe kan ons die lied van die Here sing in 'n vreemde land?" Oor die verband tussen liturgie en lewe. *Nederduitse Gereformeerde Teologiese Tydskrif* 2001; **42**(3&4): 429-443.

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2. MARAIS JF, SIMPSON NW, VAN DER WALT P, (reds.). *Leesrooster vir lidmate: jaar C*. BUVTON, 2001. 124 pp.
3. NELL I, MEYER O, BOTHA JG, (reds.). *Preekstudies met liturgiese voorstelle gebaseer op die Leesrooster vir lidmate: jaar C*. BUVTON, 2001. 348 pp.
4. ORSMOND E, DU TOIT N, VAN NIEKERK D, (reds.). *Riglyne vir kategese gebaseer op die Leesrooster vir lidmate: jaar C*. BUVTON, 2001. 161 pp.
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**FAKULTEIT EKONOMIESE EN  
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<b>BEDRYFSIELKUNDE / INDUSTRIAL PSYCHOLOGY</b>
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1. RADEMAN DJ, VOS HD. Performance appraisal in the public sector: are they accurate and fair? *Journal of Industrial Psychology* 2001; **27**(1): 54-60.
2. SCHLECHTER AF, TROMP D, VOS HD. The relationship between organisational culture and organisational performance – a study conducted within a large South African retail organisation. *Management Dynamics: Contemporary Research* 2000; **9**(4): 34-56.
3. SPANGENBERG HH, THERON CC. Adapting the systems model of performance management to major changes in the external and internal organisational environments. *South African Journal of Business Management* 2001; **32**(1): 35-47.
4. VISSER EM, DU PREEZ R. Apparel shopping orientation: two decades of research. *Journal of Family Ecology and Consumer Sciences* 2001; (29): 72-81.

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1. DU PREEZ, R, VISSER EM. *Expanding your horizons in South African apparel market: pitfalls and guidelines for research methodology*. KSCT/ITAA Joint World Conference. Seoul, Korea, 2001.
2. DU TOIT JB. *Community partnership development and mobilization and HIV/AIDS*. The 5th International Conference on Home and Community Care for Persons Living with HIV/AIDS. Chaing Mai, Thailand, 2001.
3. DU TOIT JB. *Problems of sustainable rural development: a case study in rural Transkei*. International Conference on the Role of Adult Education in Sustainable Development. Parktown, 2001.
4. DU TOIT JB, AUGUSTYN J. *Business and educational response to HIV/AIDS education and training*. XII International Conference on AIDS and STD in Africa. Ouagadougou, Burkina Faso, 2001.
5. SPANGENBERG HH, THERON CC. *Performance management – the way forward*. The 59th Annual Conference of the International Council of Psychologists. Winchester, England, 2001.
6. THERON CC. *The effect of a joint correction for the attenuating effect of criterion unreliability and case 1 restriction of range on the expected criterion performance and the conditional probability of success*. The 6th Conference of the European Association of Psychological Assessment. Aachen, 2001.
7. THERON CC, SPANGENBERG HH. *Confirmatory factor analysis on the reduced LBI through structural equation modelling*. The 6th Conference of the European Association of Psychological Assessment. Aachen, 2001.
8. VAN AARDT AM, VISSER EM, DU PREEZ R, KLEINHANS EH. *Lifestyle and perception of store image of black female consumers in clothing store choice*. KSCT/ITAA Joint World Conference. Seoul, Korea, 2001.

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1. CILLIERS M. *Human factors engineering considerations in the design of the Rooivalk helicopter's man-machine interface*. Paper presented at the Annual Conference for Industrial Psychology. CSIR Conference Centre, Pretoria. 2001.
2. CILLIERS M. *Research wizard: tailoring your "virtual library" for enhancing the effectiveness of individual and team research in industrial psychology*. Paper presented at the Annual Conference for Industrial Psychology. CSIR Conference Centre, Pretoria. 2001.
3. DU TOIT JB. *PDM in HIV/AIDS management in the world of work as a response*. Business to Business South Africa Conference. Midrand, 2001.
4. JACOB B, THERON CC. *A psychometric audit on a specific selection procedure*. Paper presented at the Annual Conference for Industrial Psychology. CSIR Conference Centre, Pretoria. 2001.

5. KLIENHANS EH, VISSER EM, VAN AARDT AM, DU PREEZ R. *Black female consumers' perception of apparel store image*. SAAFECS National Congress. Pretoria, 2001.

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1. CILLIERS M, PHILANDER E. *Map use evaluation for the South African Army, consolidated research results*. Internal Research Report US/IP Map Use/001/01. 22 pp.
2. CILLIERS M, PHILANDER E. *Map use evaluation for the South African Army: analysis and interpretation of results for 12 South African Infantry School, Oudtshoorn*. Internal Research Report US/IP Map Use/002/01. 7 pp.
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4. CILLIERS M, PHILANDER E. *Map use evaluation for the South African Army: analysis and interpretation of results for the School of Armour, Bloemfontein*. Internal Research Report US/IP Map Use/004/01. 7 pp.
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### Magister afgehandel/Master's completed

1. BARTMANN TJ. *Application of a nomological model of selection validity*. MA, 2001. 25 pp. Studieleier: Dr A Duvenage.
2. BOTHA FM. *Consumer behaviour in Swaziland*. MEcon, 2001. 42 pp. Studieleier: Prof JB du Toit.
3. CROSS E. *'n Psigometriese audit op 'n bestaande keuringsprosedure*. MComm, 2001. 66 pp. Studieleier: Prof CC Theron.
4. DE VILLIERS RR. *The role of risk perception in internet purchasing behaviour and intention*. MComm, 2001. 40 pp. Studieleier: Prof JB du Toit.
5. DU RAND J. *An evaluation of the "Full Range Leadership Programme" as presented at the Graduate School of Business, University of Stellenbosch (USB)*. MA, 2001. 197 pp. Studieleier: Prof D Tromp.
6. JAKOB B. *A comprehensive psychometric audit of an existing selection procedure*. MA, 2001. 190 pp. Studieleier: Prof CC Theron.



7. NEL H. *'n Bedryfsielkundige ondersoek na die verband tussen emosionele intelligensie en werksprestasie in die oproepsentrum-omgewing*. MA, 2001. 203 pp. Studieleier: Dr W S de Villiers.
8. TRUTER H. *Effective personality profiles in negotiation according to the Myers-Briggs type indicator*. MA, 2001. 182 pp. Studieleier: Mnr CJ Calitz.

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

1. CILLIÉ GG. *Produktiwiteitsonderhandeling in Suid-Afrika*. PhD Promotor: Prof JCD Augustyn.
2. HUNTER WFJR. *The measurement and prediction of integrity*. PhD Promotor: Prof AS Engelbrecht.
3. 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 lopend/Master's current**

1. BAKKES A. *'n Bedryfsielkundige ondersoek na tydoriëntasie en persoonlikheidstyle*. MA Studieleier: Prof JCD Augustyn.
2. BELELIE C. *The relationship of SOC and its effect on the perception of a number of work characteristics*. MA Studieleier: Dr HD Vos.
3. BOTHA S. *'n Ondersoek na die rol van strukturele groep faktore en groepprosesse met betrekking tot bestuurspaninnooverendheid*. MA Studieleier: Dr HD Vos.
4. BRINK A. *'n Bedryfsielkundige ondersoek na die Myers-Briggs as hulpmiddel by organisasietransformasie*. MComm Studieleier: Prof JCD Augustyn.
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1. LEINENBACH C. *Computer-mediated environments as an instrument in marketing: strategic implications for the travel and tourism industry*. PhD Promotor: Prof M Leibold.
2. MAY C. *Marketing strategies of South African manufacturing firms in international markets*. PhD Promotor: Dr RC O'Neill.
3. MEISSNER D. *An international comparison of environmental policy in large business organizations*. PhD Promotor: Prof M Leibold.
4. MÜLLER DD. *Synergy audits as a strategic management tool in global airline alliance networks*. PhD Promotor: Prof M Leibold.
5. SEIBERT K. *A strategic model for branding South Africa as an international tourism destination*. PhD Promotor: Prof M Leibold.
6. THERON E. *The development of a model for the management of brand loyalty*. PhD Promotor: Prof NS Terblanche.

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

### Tydskrifartikels/Journal articles

1. BURGER J, DUCHARME G. Performance measurement in local government: reconciling finance performance with other performance indicators. *Administratio Publica* 2000; **10**(2): 49-68.
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3. HAM C, THERON F. Community forestry resources: a case study of selected woodlots in the Eastern Cape Province. *South African Forestry Journal* 2001; **191**: 65-74.
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5. SCHWELLA E. Public sector policy in the new South Africa: a critical review. *Public Performance and Management Review* 2001; **24**(4): 367-388.
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2. BURGER J, MEYER I, RHEEDER N, VAN BAALEN J. *Outcomes-based housing: a comparative study*. 8th Winelands Conference, Outcomes-based governance: assessing the results. Stellenbosch, 2001.
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4. CEASAR N, THERON F. *Assessing attitudes and perceptions of integrated development planning: a case study approach*. 8th Winelands Conference, Outcomes-based governance: assessing the results. Stellenbosch, 2001.
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7. CLOETE F. *Improving effective governance outcomes with electronic decision support tools*. IIAS Conference on Governance and Administration in the 21st century: new trends and new techniques. Athens, Greece, 2001.
8. CLOETE F. *Improving effective governance performance in developing countries with electronic management support tools*. The 2nd Annual Public Futures Conference. London, UK, 2001.
9. CUPIDO MJ, MEYER IH, THERON F. *Citizen participation in government: myth or reality? In search of a pragmatic approach to improve local governance*. 8th Winelands Conference, Outcomes-based governance: assessing the results. Stellenbosch, 2001.
10. FOX W, UYS FM. *Chaos with diversified environments: revisiting contemporary performance systems*. 8th Winelands Conference, Outcomes-based governance: assessing the results. Stellenbosch, 2001.
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2. SWANEPOEL DV. *Die bestuur van verandering in die publieke sektor*. PhD, 2001. 498 pp. Promotor: Prof JJ Müller.

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

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2. DU PLESSIS JA. *Seksuele teistering in die Provinsiale Administrasie: Wes-Kaap*. MAdmin, 2001. 237 pp. Studieleier: Dr FM Uys.

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

1. CLARKE DG. *Map Literacy in South Africa and its implications for development planning*. PhD Promotor: Prof GS Cloete.
2. COETZEE AJA. *Beleidstelselanalise van militêre opleiding in die Departement van Verdediging*. PhD Promotor: Prof GS Cloete.
3. DU TOIT JSQ. *'n Sisteemanalise van die Wes-Kaapse Grondwet*. PhD Promotor: Prof GS Cloete.
4. DU TOIT-GOUSSAND C. *Gender sensitivity training for enhanced performance in the Western Cape Province*. PhD Promotor: Prof APJ Burger.
5. FOURIE MHW. *Die bestuur van diversiteit in die Suid-Afrikaanse Polisiediens*. PhD Promotor: Prof JJ Müller.
6. GELDENHUYS L. *Geïntegreerde risikobestuur – 'n bestuursmeganisme vir verhoogde effektiwiteit in die openbare sektor*. PhD Promotor: Dr FM Uys.
7. KAHN SB. *Managing an integrated South African National Defence Force towards increased productivity*. PhD Promotor: Prof APJ Burger.
8. KEYTER CA. *A managerial model for distance education at the polytechnic of Namibia*. PhD Promotor: Prof E Schwella.
9. MANONA WW. *The role of health, water and sanitation services in poverty alleviation programmes in two rural communities in the Eastern Cape Province*. PhD Promotor: Prof GS Cloete.



10. PELESANE OC. *Developmental strategies to uplift farm workers in Gauteng, North West and Northern Province sustainably*. PhD Promotor: Prof GS Cloete.
11. VAN WYK BS. *Management capacity building in the South African Police Service: an evaluation*. PhD Promotor: Prof E Schwella.

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1. ADAMS JO. *Economic empowerment for housing beneficiaries*. MA Studieleier: Prof APJ Burger.
2. BOSCH JH. *Die impak van ekotoerisme in die Wes-Kaap Provinsie*. MA Studieleier: Prof JJ Müller.
3. BRAND J. *The learning organisation and productivity: a case study on Athlone Detective Service*. MPA Studieleier: Prof E Schwella.
4. CELE CGN. *The current human resource capacity of developmental local government in South Africa: Abaqulusi Municipality*. MPA Studieleier: Prof E Schwella.
5. CHEPETE M. *The Copenhagen Declaration: Poverty alleviation in Botswana*. MA Studieleier: Mnr I Davids.
6. CLOETE HCA. *The skills development act and organisational development: an assessment*. MPA Studieleier: Prof E Schwella.
7. DAVIDS WJR. *The development potential of community-based arts in an urban marginalised community: a people-centered approach*. MA Studieleier: Mnr F Theron.
8. FREYSEN JAJ. *The redistribution of agricultural land to the landless in the Western Cape*. MPA Studieleier: Dr FM Uys.
9. LUWAGA L. *Public-private partnerships as contemporary mechanisms for public service delivery*. MPA Studieleier: Prof APJ Burger.
10. MANUELS AC. *Performance appraisal within the Blaauwberg Administration Housing Division*. MPA Studieleier: Dr FM Uys.
11. MORKEL JdeV. *Die ontstaan, groei en stedelike morfologie van vroeë nedersettings in die Wes-Kaap*. MS en S Studieleier: Prof CT Welch.
12. MOSOMA DD. *Agricultural development and sustainability: Land Bank's support to its loan recipients in Dingleydale*. MPA Studieleier: Mnr F Theron.
13. NKABINDE JE. *Designing an effective performance management system for the Parliamentary staff service*. MPA Studieleier: Mnr I Davids.
14. NZAMA MV. *Skills Development Act Implementation in Provincial training departments*. MPA Studieleier: Mnr I Davids.
15. SCHUTTE C. *Die invloed van beheermeganismes op die stadsvorm*. MS en S Studieleier: Prof CT Welch.
16. THEUNISSEN JDJ. *Highly effective public relations with limited resources*. MPA Studieleier: Prof JJ Müller.
17. VAN SCHOOR JJ. *A high performance bulk water division in the city of Cape Town by means of a balanced scorecard*. MPA Studieleier: Prof APJ Burger.
18. WARD WJ. *Organisasie-innovasie vir omgewingsbestuur*. MA Studieleier: Prof JJ Müller.
19. WILLIAMS FE. *Information management for development*. MA Studieleier: Mnr I Davids.
20. WYNGAARD DAC. *Low cost housing projects as a poverty alleviation strategy: the case of Wesbank*. MAdmin Studieleier: Mnr F Theron.
21. ZIMBA AA. *Investigation into the resistance of health officials against the implementation of a district health system with specific reference to the Cape Metropolitan Area*. MPA Studieleier: Prof E Schwella.
22. ZITSHU PW. *An impact assessment of boundary demarcation on capacity building with specific reference to Plettenberg Bay and Knysna Municipalities*. MA Studieleier: Mnr I Davids.

**STATISTIEK EN AKTUARIËLE WETENSKAP**  
**(waarby ingesluit die Sentrum vir Statistiese Konsultasie) /**  
**STATISTICS AND ACTUARIAL SCIENCE**  
**(including the Centre for Statistical Consultation)**

**Tydskrifartikels/Journal articles**

1. BURDEN M, GARDNER S, LE ROUX NJ, SWART JPJ. Ou-Kaapse meubels en stinkhoutidentifikasie: moontlikhede met kanoniese veranderlike-analise en bistippings. *SA Tydskrif vir Kultuurgeskiedenis* 2001; **15**(1): 50-73.
2. ERASMUS PD, LAMBRECHTS IJ, LE ROUX NJ, GARDNER S. The use of biplots to interpret multivariate data: measuring capital intensity. *Management Dynamics: Contemporary Research* 2001; **10**(4): 48-73.
3. MOSTERT JH, STEEL SJ, MOSTERT FJ. Portfolio management practices of investment practitioners active in the long-term insurance industry. *South African Journal of Economic and Management Sciences* 2001; **4**(2): 344-358.
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5. YADAVALLI VSS, BEKKER A, MOSTERT PJ, BOTHA M. Bayesian estimation of the stationary rate of disappointments for a model of a two-unit intermittently used system. *Pakistan Journal of Statistics* 2001; **17**(2): 117-125.
6. YADAVALLI VSS, BEKKER A, MOSTERT PJ, BOTHA M. Bayesian highest posterior density intervals for the availability of a system with "rest-period" for the repair facility. *South African Journal of Industrial Engineering* 2001; **12**(2): 17-24.

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2. MOSTERT PJ, BEKKER A, YADAVALLI VSS, BOTHA M. *The study of the posterior distribution of the stationary rate of disappointments for an intermittently used two-unit cold standby system*. Proceedings of the Xth International Symposium on Applied Stochastic Models and Data Analysis. Compiègne, France, 2001; **2**: 767-772.
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2. DE WET T, DE JONGH PJ. *Some numerical results on the performance of (extreme) regression quantiles*. International Symposium on Extreme Value Analysis. Leuven, België, 2001.
3. ERASMUS PD, LAMBRECHTS IJ, LE ROUX NJ, GARDNER S. *The use of principal component analyses and biplots to interpret multivariate data: Evaluating traditional and value added measures of capital intensity*. 29th Meeting of EURO Working Group on Financial Modelling. Haarlem, The Netherlands. 2001.
4. MOSTERT PJ, BEKKER A, YADAVALLI VSS, BOTHA M. *The study of the posterior distribution of the stationary rate of disappointments for an intermittently used two-unit cold*

*standby system*. The Xth International Symposium on Applied Stochastic Models and Data Analysis. Compiègne, France, 2001.

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1. BEKKER A, MOSTERT PJ, YADAVALLI VSS, BOTHA M. *Bayesian highest posterior density intervals for the availability of a system with rest-period for the repair facility*. Annual Conference of the South African Statistical Association. Goudini Spa, 2001.
2. BLOOM JZ, LAMBRECHTS IJ, LE ROUX NJ. *Behaviour patterns of financial performance indicators for capital and labour intensive enterprises covering individual years of the economic cycle*. Tenth Annual SAFA Conference. Graduate School of Business, University of Cape Town, 2001.
3. CONRADIE W, DE WET T, ROHWER CH. *LULU Smoothers and some applications to financial time series*. SA Statistiese Konferensie. Goudini Spa, 2001.
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2. LOFTUS K. *Risk management with data mining*. MIng Studieleier: Mnr CJ Fourie.
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2. BARTIE N. *Effects of chromium content, slag basicity and oxygen potential on the liquidus temperature and phase relations in melter type slags.* MScIng Studieleiers: Mnr JJ Eksteen/dr S Jahanshahi (GK Williams Cooperative, Research Centre for Extractive Metallurgy, CSIRO Minerals, Clayton, South Victoria, Australia).
3. BEZUIDENHOUT L. *On-line monitoring and control of nonlinear dynamic process systems.* MScIng Studieleier: Prof C Aldrich.
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13. POWELL IA. *Design of superconducting A-to-D converters*. PhD Promotor: Prof WJ Perold.
14. RIMBI M. *Microwave and RF dielectric heating: material properties and applicators*. PhD Promotor: Prof HC Reader.
15. RÜTSCHLIN M. *Directional transmit-receive antennas for monostatic borehole radar*. PhD Promotors: Proff JH Cloete en KD Palmer.
16. SANUSI H. *Supervised adaptive extended kalman filter for attitude determination and control of a satellite*. PhD Promotor: Prof JJ du Plessis.
17. SCHWARDT LC. *High-order HMMs applied to automatic language recognition*. PhD Promotor: Prof JA du Preez.
18. STEYN W. *Multi-moded waveguide filters*. PhD Promotor: Prof P Meyer.
19. STUART TEW. *Multiwire transmission line phenomena above stratified media*. PhD Promotors: Proff HC Reader en JH Cloete.
20. TREURNICHT J. *Robuuste waarneming en beheer van lae aardband satelliete*. PhD Promotor: Prof JJ du Plessis.
21. VAN ROOYEN G-J. *An analysis of quadrature-baseband direct digital synthesis*. PhD Promotor: Prof JG Lourens.
22. VAN ZYL RR. *The optimisation of transferred electron devices by means of particle simulation techniques*. PhD Promotor: Prof WJ Perold.
23. VOSLOO WL. *A comparison of the performance of high-voltage insulator materials in a severely polluted coastal environment*. PhD Promotor: Dr JP Holtzhausen.
24. VOSS E. *A study of space harmonics and their effects on the performance of reluctance synchronous machines*. PhD Promotor: Prof FS van der Merwe.
25. WANG R. *Design aspects and optimisation of axial flux permanent magnet machines with coreless stator*. PhD Promotor: Prof MJ Kamper.
26. WILKINSON RH. *Optimisation of dynamic high power multilevel converters for industrial applications*. PhD Promotor/medepromotor: Prof H du T Mouton/dr TA Meynard (Centre National de la Recherche Scientifique, France).
27. WOLHUTER R. *Die bepaling van optimum protokol strategie by telemetriestelsels gebaseer op halfdupleks, enkelfrekwensie kommunikasiekanale*. PhD Promotor: Prof JJ du Plessis.

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

1. BASSO VG. *Development of a scanning SQUID microscope*. MScIng Studieleier: Prof WJ Perold.
2. BERNER H. *'n Vergelykende studie van DSP komponente vir mikrosatelliet toepassings*. MScIng Studieleiers: Dr MM Blanckenberg en mnr S Mostert.
3. BORRILL LD. *Non-destructive testing of insulators to detect in-kind faults*. MSc (Ingwet) Studieleier: Dr HJ Vermeulen.
4. BREITENBACH JJ. *Acoustic characterisation of mill noise*. MScIng Studieleier: Prof JA du Preez.
5. BRITZ W. *Lineêre wyeband modulاسie vir mikrogolf kommunikasie*. MScIng Studieleier: Prof JB de Swardt.
6. BROWNE KRJ. *System identification of a glider*. MScIng Studieleier: Prof GW Milne.
7. CALITZ WR. *Reële tydsuiwering en toonhoogte korrigering van sang*. MScIng Studieleier: Prof JA du Preez.
8. CHERENACK KH. *Dielektriese resoneerder filters*. MScIng Studieleier: Prof P Meyer.
9. CLARKE S. *Genetic algorithms and optimisation*. MScIng Studieleier: Prof DB Davidson.
10. CLOETE AC. *Die implementering van multipleks/demultipleksbane vir die toets van supergleier logiese bane by mikrogolffrekwensies*. MIng Studieleier: Prof WJ Perold.

11. CORDIER JL. *Voorspelling van aardbewings in myne*. MScIng Studieleier: Prof JA du Preez.
12. DE VILLIERS ES. *Automatically segmenting the AST speech corpora from known phoneme sequences*. MScIng Studieleier: Prof JA du Preez.
13. DIKO M. *Lasstudies*. MSc (Ingwet) Studieleier: Prof R Herman.
14. DLAMINI ZP. *Interfacing the satellite sensors and activators. the thesis involves the development and testing on interfaces between the ADCS, the sensors and activator for future satellites*. MSc (Ingwet) Studieleiers: Mnre JJA Engelbrecht en AN Bester.
15. DREIJER GS. *DRAM RAM disk vir SASU-Sat*. MScIng Studieleier: Prof PJ Bakkes.
16. DU TOIT A. *Outomatiese identifisering van taal-dialekte*. MScIng Studieleier: Prof JA du Preez.
17. ENGELBRECHT HA. *Acoustic models for speech recognition in isiXhosa and English*. Studieleier: Prof JA du Preez.
18. ESTERHUIZEN G. *Biometry field*. MScIng Studieleier: Prof JA du Preez.
19. FANNER RM. *Die benutting van sillabe-struktuur in outomatiese taalherkenningstelsels*. MScIng Studieleier: Prof JA du Preez.
20. FICK PD. *Beheeraspekte van induksie-en reluktansie sinchroonmasjiene*. MScIng Studieleier: Prof MJ Kamper.
21. FOURIE G. *Power system stabilizer and controlled series capacitor small-signal stability performance analysis*. MScIng Studieleier: Dr HJ Beukes.
22. GERBER JW. *Adaptive microwave power supply for dielectric heating*. MScIng Studieleier: Prof JB de Swardt.
23. GROSS PA. *A Rapid Single Flux Quantum [RSFQ] programmable gate array*. MScIng Studieleier: Prof WJ Perold.
24. GRUNGXU LL. *ITS hardware-in-the-loop operating systems*. MScIng Studieleiers: Prof JJ du Plessis en dr EM Hugo.
25. HARMSE WJJ. *Hidden Markov trees for speech processing*. MScIng Studieleier: Prof JA du Preez.
26. KLEINHANS KD. *An experimental and theoretical investigation into the feasibility of a light pollution flashover mechanism as an explanation of flashovers on 275 kV V-string insulators*. MScIng Studieleier: Dr JP Holtzhausen.
27. KOK R. *Aktiewe visie vir intelligente kamera*. MScIng Studieleiers: Proff BM Herbst en JG Lourens.
28. KOLLER PJ. *System identification of a submerged arc furnace*. MIng Studieleier: Prof JJ du Plessis.
29. LA GRANGE PL. *JAVA verwerkers*. MScIng Studieleier: Prof PJ Bakkes.
30. LE RICHE PJ. *Automatic hand-signature verification*. MSc (Ingwet) Studieleier: Dr JA du Preez.
31. LEE GB. *Evaluation of multilevel converter topologies for utility applications*. MSc (Ingwet) Studieleier: Dr HJ Beukes.
32. LOCHNER JG. *Die ontwikkeling van 'n DSP-gebaseerde VHF/UHF ontvanger*. MScIng Studieleier: Prof GW Milne.
33. LYON T. *Non-intrusive GPS fault location system for HVDC lines*. MScIng Studieleier: Dr HJ Vermeulen.
34. MAAS E. *Herkonfigureerbare beheer vir robuustheid teen moontlike sensor en aktueerderfalings*. MScIng Studieleier: Prof A Schoonwinkel.
35. MAKI PR. *X-Band data link study*. MScIng Studieleier: Prof KD Palmer.
36. MALAN J. *Drywingsbeheer in 'n hibriede elektriese voertuig mbv DSP tegnologie*. MScIng Studieleier: Dr MJ Kamper.
37. MALAN JdeV. *Mikrogolf QPSK-data skakel*. MScIng Studieleier: Prof JB de Swardt.
38. MALULEKE EV. *WEB-compatible RAMDISK filing system*. MSc (Ingwet) Studieleiers: Prof JJ du Plessis en mnr AN Rust.
39. MARAIS N. *Gevorderde EEM ["FEM"] vir EM-toepassing*. MScIng Studieleier: Prof DB Davidson.

40. MBHAMBHU TJ. *The JAVA Byte code compiler for the 8051 micro-controller*. MSc (Ingwet) Studieleiers: Dr MM Blanckenberg en mnr JJR van der Merwe.
41. MEYER B. *The impact of new support technology on ESKOM subtransmission networks*. MScIng Studieleiers: Dr HJ Beukes en mnr R Stephen (ESKOM).
42. MITCHLEY RG. *Spatial filtering*. MScIng Studieleier: Prof JG Lourens.
43. MOLEPO SA. *Multivlak omsetters*. MIngwet Studieleier: Prof H du T Mouton.
44. MOUTON CJ. *Oriëntasiebeheer met tempogeroskope*. MScIng Studieleiers: Proff A Schoonwinkel en GW Milne.
45. MUSETHA RD. *Telemetry transport protocol design using PLDs*. MSc (Ingwet) Studieleiers: Prof PJ Bakkes en mnr A Barnard.
46. NEL PW. *Automatic syllabification*. MScIng Studieleier: Dr JA du Preez.
47. NTSIMANE MH. *ADCS task scheduler*. MSc (Ingwet) Studieleiers: Prof JJ du Plessis en mnr JAA Engelbrecht.
48. O'KENNEDY BJ. *Rock segmentation and fragment size analysis*. MScIng Studieleiers: Proff Ben Herbst en JG Lourens.
49. OPPERMAN BDL. *A high precision long term orbit propagator for microsatellites*. MSc (Ingwet) Studieleiers: Proff GW Milne en BV Bredenkamp.
50. RASMENI SW. *Reluctance synchronous machine drive for rail traction: a critical evaluation*. MSc (Ingwet) Studieleier: Prof MJ Kamper.
51. RETIEF FG. *Ontwikkeling van hoë-spoed video/data kanaal vir satelliet aanboord doeleindes*. MScIng Studieleier: Mnr J Treurnicht.
52. ROSSOUW JS. *Aanpasbare beheer*. MScIng Studieleier: Mnr J Treurnicht.
53. ROTTIER PA. *SQUID tegnologie*. MScIng Studieleier: Prof WJ Perold.
54. ROZENDAAL A. *Gemengde argitekture vir vae modellering met die oog op multidiens telekommunikasienetwerke*. MScIng Studieleier: Prof JJ du Plessis.
55. SALAGAE MI. *Balancing theory of multilevel inverters*. MSc (Ingwet) Studieleier: Prof H du T Mouton.
56. SAM L. *Co-axial resonator filters*. MSc (Ingwet) Studieleiers: Prof P Meyer en mnr WA van Brakel.
57. SIEBRITS FB. *Die toepassing van SLBS {Pseudo-Lukrake Binêre Sekwensie} perturbasies vir die parametriese modellering van outomatiese spanningsreguleerders en kragstelselstabiliseerders*. MScIng Studieleier: Dr HJ Vermeulen.
58. SINGLE CR. *Adaptive learning of handwritten signatures*. MScIng Studieleier: Prof JA du Preez.
59. SMITH CJ. *Aktiewe geraasbeheer in vliegtuigkopstukke*. MScIng Studieleiers: Proff JG Lourens en JL van Niekerk.
60. SNYMAN A. *Realisation of an X-band synthesizer for a microwave datalink*. MScIng Studieleier: Prof JB de Swardt.
61. TEBELE MM. *The modelling of non-residential electrical distribution loads*. MScIng Studieleier: Prof R Herman.
62. THEUNISSEN MW. *Phoneme based topic spotting on the switchboard corpus*. MScIng Studieleier: Prof JA du Preez.
63. THOMPSON R. *SASciSat programatuur*. MScIng Studieleier: Prof S Mostert.
64. UYS JJ. *Dinamiese modulering van skakelomsetters*. MScIng Studieleier: Dr HJ Beukes.
65. VAN AS MTS. *Die ontwikkeling kapasitiewe sensor vir oorhoofse kraglyn*. MScIng Studieleier: Dr HJ Vermeulen.
66. VAN DER COLFF APE. *Rekenaargesteuende instelling van gekoppelde-resoneerderfilters deur die gebruik van modelgebaseerde parameteronttrekking*. MScIng Studieleiers: Prof P Meyer en dr C van Niekerk.
67. VAN DER MERWE BS. *Biomediese beheerstelsels*. MScIng Studieleiers: Proff GW Milne en A Schoonwinkel.
68. VAN DER MERWE M. *Harmoniese mengers*. MScIng Studieleier: Prof JB de Swardt.
69. VAN DER MERWE M. *Kragverspreiding*. MScIng Studieleier: Prof R Herman.
70. VAN DER MERWE PJ. *Design of a collocated RF -TX/VX antenna system for 5-50 MHz instantaneous bandwidth*. MScIng Studieleier: Prof JH Cloete.



71. VAN DER WESTHUIZEN E. *Edison silinder klankherwinning*. MScIng Studieleier: Dr MM Blanckenberg.
72. VAN DER WESTHUIZEN JD. *Verspreide krag opwekking [distributed generation]*. MScIng Studieleier: Dr HJ Beukes.
73. VAN DER WESTHUIZEN WJ. *Development of a high speed PCI data capture card for the SUNSAT I ground station*. MScIng Studieleier: Prof PJ Bakkes.
74. VAN HEERDEN GJ. *Beheer van aktiewe filters*. MScIng Studieleier: Prof H du T Mouton.
75. VAN HEERDEN JP. *A de-coupled level controller for cascaded flotation processes*. MScIng Studieleier: Prof JJ du Plessis.
76. VAN SCHALKWYK C. *Drywingselektroniese spanningsreguleerder*. MScIng Studieleier: Prof H du T Mouton.
77. VAN SCHALKWYK D. *Verspreide prosesbeheernetwerk*. MScIng Studieleier: Prof JJ du Plessis.
78. VAN WYK MD. *An active antenna for borehole pulsed radar applications*. MScIng Studieleier: Prof KD Palmer.
79. VENTER CJ. *Drie dimensionele gesig rekonstruksie uit stereo-beeld*. MScIng Studieleiers: Proff BM Herbst en JG Lourens.
80. VENTER FA. *An EMC framework for South Africa*. MScIng Studieleier: Prof HC Reader.
81. VENTER HF. *Real-time embedded JAVA systems*. MScIng Studieleier: Prof S Mostert.
82. VISAGIE AS. *Die effektiewe en inkrementele modellering van dinamiese versyferde handtekeninge*. MScIng Studieleier: Prof JA du Preez.
83. VOS J. *Lae drywing kommunikasie nodusse vir satelliet toepassing*. MScIng Studieleier: Prof PJ Bakkes.
84. VOSLOO JJ. *FPGA modem*. MScIng Studieleier: Dr MM Blanckenberg.
85. WAGENER DW. *Rock volume estimation*. MScIng Studieleiers: Proff BM Herbst en JA du Preez.
86. WESSELS WJ. *CDMA deursoetvermoë*. MScIng Studieleier: Prof JG Lourens.
87. WINTER PA. *Indoor positioning system for an automated guided robot*. MScIng Studieleier: Prof JB de Swardt.
88. WOODS BK. *Borehole radar receiver: AGC vs STC*. MScIng Studieleier: Prof KD Palmer.

**MEGANIESE INGENIEURSWESE**  
**(waarby ingesluit die Instituut vir Termodinamika**  
**en Meganika) /**  
**MECHANICAL ENGINEERING**  
**(including the Institute for Thermodynamics and Mechanics)**

### **Tydskrifartikels/Journal articles**

1. BEYERS JHM, HARMS TM, KRÖGER DG. A finite volume analysis of turbulent convective heat transfer for accelerating radial flows. *Numerical Heat Transfer* 2001; **Part A(40)**: 117-138.
2. BURGER V, STONE A, RETIEF E, BOTHA W, TAYLOR AB. Evaluation of additised diesel fuel. *IRTE Yearbook* 2001: 20-30.
3. DOBSON RT, KRÖGER DG. Thermal characterisation of an ammonia-charged two-phased closed thermosyphon. *R&D Journal* 2000; **16(2)**: 33-40.
4. HONIBALL EJ, VAN NIEKERK JL. The development of a test specification to determine the rollover protection of passengers in light commercial vehicles fitted with canopies. *Accident Analysis and Prevention* 2001; **33(5)**: 621-628.
5. LOMBAARD IF, KRÖGER DG. Heat transfer between a horizontal flat surface and the natural environment. *SA Institute of Mechanical Engineering (R&D Journal)* 2001; **17**: 47-52.

6. MEYER CJ, KRÖGER DG. Numerical simulation of the flow field in the vicinity of an axial flow field. *International Journal for Numerical Methods in Fluids* 2001; **36**: 947-969.
7. SCHOENFELD PD, KRÖGER DG. Pressure drop and flooding during reflux condensation of steam in an inclined elliptical tube. *International Journal of Transport Phenomena* 2001; **3**: 43-50.
8. STRACHAN PJ, VON BACKSTRÖM TW. Velocity measurement in a hydrodynamic torque converter. *R&D Journal* 2000; **16**(3): 62-70.
9. THIART GD. Generalized vortex lattice method for prediction of hydrofoil characteristics. *R&D Journal* 2001; **17**: 35-46.
10. VAN SCHOOR O, VAN NIEKERK JL GROBBELAAR B. Mechanical failures as a contributing cause to motor vehicle accidents – South Africa. *Accident Analysis and Prevention* 2001; **33**(6): 713-721.
11. WANG R, DOBSON RT, KAMPER M. Thermofluid analysis of an axial flux permanent magnet (AFPM) generator. *R&D Journal* 2001; **17**(1): 18-26.

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

1. BUYS JD, KRÖGER DG. *Performance evaluation of a solar chimney power plant*. International Solar Energy Society 2001 Solar World Congress. Adelaide, Australia, 2001: 126.
2. DOBSON RT. *Modelling of an open oscillatory heat pipe*. Proceedings of the 6th International Heat Pipe Symposium. Chiang Mai, Thailand, 2000: 381-388.
3. DOBSON RT, HARMS TM. *Lumped parameter analysis of closed and open oscillatory heat pipes*. 11th International Heat Pipe Conference. Tokyo, 1999: 361-366.
4. DOBSON RT, KRÖGER DG. *Evaporator heat transfer coefficient and maximum heat transfer rate of an ammonia-charged inclined two-phase closed-thermosyphon*. 11th International Heat Pipe Conference. Tokyo, 1999: 209-214.
5. GOUSSARD CL, BASSON AH. *Semi-automatic extraction of primitive geometric entities from point clouds*. International CIRP Design Seminar. Stockholm, Sweden, 2001: 359-364.
6. GROENEWALD A, BASSON A, DOBSON RT. *Theoretical modeling and numerical simulation of a two-phased closed thermosyphon considering splashing and geyersing*. Proceedings of the 6th International Heat Pipe Symposium. Chiang Mai, Thailand, 2000: 209-219.
7. KLOPPERS C, KRÖGER DG. *A critical cooling tower performance evaluation*. Proceedings of the 12th International Association of Hydraulics Research, Symposium on Cooling Towers and Heat Exchangers. Sydney, Australia, 2001: 108-115.
8. KRÖGER DG. *Thermal-flow performance evaluation and design of air-cooled steam condensers*. Proceedings of the 12th International Association of Hydraulics Research, Symposium on Cooling Towers and Heat Exchangers. Sydney, Australia, 2001: 1-7.
9. LIU Y, BASSON AH. *Interfacing CAD and manufacturing cost estimation software using COM/OLE*. International CIRP Design Seminar. Stockholm, Sweden, 2001: 289-300.
10. LOMBAARD IF, KRÖGER DG. *Heat transfer between a horizontal surface and the natural environment*. International Solar Energy Society 2001 Solar World Congress. Adelaide, Australia, 2001: 125.
11. MEYER CJ, KRÖGER DG. *Numerical simulation of the flow field in the vicinity of an axial flow fan*. International Conference SACAM 2000. Durban, 2000: 1-7.
12. PIELEMEIER WJ, GREENBERG JA, JEYABALAN V, VAN NIEKERK JL. *The estimation of SEAT values from transmissibility data*. SAE World Congress. Detroit, USA, 2001: 179-186.
13. SCHUELLER A, BASSON AH. *Case study on synchronous and asynchronous collaboration in distributed conceptual design*. International CIRP Design Seminar. Stockholm, Sweden, 2001: 435-440.
14. SCHUELLER A, BASSON AH. *A framework for distributed conceptual design*. International Conference on Engineering Design. Glasgow, 2001: 385-391.

15. SWANEPOEL G, TAYLOR AB, DOBSON RT. *Theoretical modeling pulsating heat pipes*. Proceedings of the 6th International Heat Pipe Symposium. Chiang Mai, Thailand, 2000: 258-365.
16. VAN DER WESTHUIZEN HJ, TAYLOR AB, BELL AJ, MBARAWA M. *A study of evaporative emissions from gasoline powered motor vehicles under South Africa conditions*. Proceedings of the 12th International Mechanical Power Engineering Conference (IMPEC12). Mansoura, Egypt, 2001: C13-C22.
17. VON BACKSTRÖM TW, GANNON AJ. *Solar chimney turbine characteristics*. International Solar Energy Society 2001 Solar World Congress. Adelaide, Australia, 2001: 160.
18. VON BACKSTRÖM, STINNES WH. *Effect cross-flow on the performance of axial fans*. 12th IAHR Symposium in Cooling Tower and Heat Exchangers. UTS Sydney, 2001: 64-71.

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

1. BOTHA W, STONE A, BELL A, TAYLOR AB, FITTON J, MNCWONGO S, VAN DER HAM G. *Emissions and cost benefits from the conversion of carburetted light-duty petrol vehicles fuelled by LPG*. National Association for Clean Air National Conference. Port Elizabeth, 2001.
2. BURGER V, STONE A, RETIEF E, BOTHA W, TAYLOR AB. *Evaluation of additised diesel fuel*. SAIT Liquid Fuels Seminar. Kelvin, 2001; (3): 1-16.
3. DOBSON RT, KRÖGER DG. *Thermal characteristics of an ammonia charged two-phased closed thermosyphon*. 10th International Air Conditioning, Refrigeration and Ventilation Congress. Midrand; 2000.
4. VINCENT BA, TAYLOR AB. *Accelerated development of automotive components using rapid prototyping techniques*. Proceedings of the 2nd Annual Conference with International Participation on Rapid Technologies. Stellenbosch, 2001: 1-10.

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

1. BASSON AH, TREURNICHT NF, DE KOCK EA, SCHRUEDER EA. *Automated proton compensator manufacturing using continuous cutting*. Proton Therapy Co-operative Group XXXIV. Boston, Massachusetts, USA, 2001.

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

1. BEYERS JHM, HARMS TM. *Modeling snow flow characteristics surrounding the SANAE IV Base, Antarctica*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
2. DAVIDS RC, HARMS TM, LAMPRECHT AJ. *Parabolic trough research*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
3. DOBSON RT, MOUTON CJ, SCOWBY S, WANG R, KAMPER M. *Thermofluid modeling of an axial flux permanent magnet machine*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
4. DOBSON RT, PAKKIES SA. *Development of an air-to-air R134a refrigerant charged two-phase closed thermosyphon heat exchanger*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
5. GANNON AJ, VON BACKSTRÖM TW. *Solar chimney turbine test rig*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
6. HARRIS RL, KRÖGER DG, HARMS TM. *Application of CFD to the flow field above the solar chimney collector*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
7. KLOPPERS JC, KRÖGER DG. *A critical cooling tower performance evaluation*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
8. LOTUN D, HARMS TM, TAYLOR AB. *Vehicle exhaust heat recovery revisited*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.

9. POTGIETER J, HARMS TM. *Cost savings through increased energy efficiencies in french fries processing*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
10. ROUX JK, HARMS TM. *CFD analysis of water cooling jacket*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
11. STONE A, TAYLOR AB. *Reducing the impact of internal combustion engines on the Antarctic Environment*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
12. SWANEPOEL G, DOBSON RT, TAYLOR AB. *Experimental determination of the film thickness deposited by the trailing end of a liquid plug moving in an capillary tube*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
13. SWANEPOEL G, DOBSON RT, TAYLOR AB. *Theoretical modelling of pulsating heat pipes*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
14. SWANEPOEL G, DOBSON RT, TAYLOR AB. *Theoretical modelling of a single plug pulsating heat pipe*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
15. TEETZ HW, HARMS TM, VON BACKSTRÖM TW. *Wind energy at SANAE IV Base – Antarctica*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
16. VON BACKSTRÖM TW, GANNON AJ. *Preliminary investigation of pressure drop in solar power plant chimneys*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.
17. WESTDYK D, KRÖGER DG. *The evapotranspiration of grass growing under glass*. A Conference on Heat Transfer, Energy Conversion and Fluid Dynamics. University of Stellenbosch, 2001.

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

1. MEYER CJ. *A numerical and experimental investigation of the influence of plenum chamber aerodynamic behaviour on the performance of mechanical draught aircooled heat exchangers*. PhD, 2001. 400 pp. Promotor: Prof DG Kröger.

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

1. CONRADIE PA. *The development of a dynamic engine-testing facility*. MScIng, 2001. 199 pp. Studieleier: Dr AB Taylor.
2. DIAB AF. *A comparative evaluation of the suitability of non-linear time series analysis and singular spectrum analysis for the modelling of air pollution*. MScIng, 2001. 110 pp. Studieleier: Dr AB Taylor.
3. EMSLIE LD. *The effect of turbo-charging and intercooling on emissions generation and durability in a diesel engine*. MScIng, 2001. 200 pp. Studieleier: Dr AB Taylor.
4. GOUSSARD CL. *Semi-automatic extraction of primitive geometric entities from point clouds*. MScIng cum laude, 2001. 197 pp. Studieleier: Prof AH Basson.
5. GREEN JJ. *Taguchi experimental methods in automotive research*. MScIng, 2001. 157 pp. Studieleier: Dr AB Taylor.
6. GROENEWALD A. *Thermal management of casting moulds using heat pipes*. MScIng cum laude, 2001. 253 pp. Studieleier: Mnr RT Dobson.
7. HEDDERWICK R. *Performance evaluation of a solar chimney power plant*. MScIng, 2001. 120 pp. Studieleier: Prof DG Kröger.
8. LIU Y. *Aspects of linking CAD and cost estimation software*. MScIng, 2001. 156 pp. Studieleier: Prof AH Basson.
9. LOTUN D. *Design and evaluation through simulation and experimental apparatus of a small scale waste heat recovery system*. MIng, 2001. 134 pp. Studieleier: Dr TM Harms.
10. SWANEPOEL G. *Thermal management of hybrid electrical vehicles*. MScIng cum laude, 2001. 124 pp. Studieleier: Mnr RT Dobson.

11. VAN DER HAM GA. *Liquid petroleum gas as automotive fuel in South Africa*. MScIng, 2001. 157 pp. Studieleier: Dr AB Taylor.
12. VAN VUUREN CM. *Modelling of internal combustion engine intake and exhaust processes*. MScIng, 2001. 220 pp. Studieleier: Prof GD Thiar.

### Doktoraal opend/Doctoral current

1. BELL AJ. *The effect of fuel formulation on the exhaust emission of spark ignition engines*. PhD Promotor: Dr AB Taylor.
2. BEYERS JHM. *Numerical analysis of the snow flow behaviour surrounding the SANAE IV Research Station*. PhD Promotor: Dr TM Harms.
3. COETZEE CJ. *Two dimensional granular flow*. PhD Promotor: Prof AH Basson.
4. DOBSON RT. *The heat transfer characteristics of an ammonia charged inclined two-phase closed thermosyphon*. PhD Promotor: Prof DG Kröger.
5. ELS DNJ. *Force reductions in vibrated forced granular flows*. PhD Prof AH Basson.
6. GANNON AJ. *Solar chimney turbine performance*. PhD Promotor: Prof TW von Backström.
7. KLOPPERS JC. *A critical cooling tower performance evaluation*. PhD Promotor. Prof DG Kröger.
8. SCHREVE K. *Edge scanning and sweep surface approximation in reverse engineering*. PhD Promotor: Prof AH Basson.
9. SCHUELLER A. *Aspects of distributed conceptual design support*. PhD Promotor: Prof AH Basson.
10. STEYN J. *Pressure vessels in wet H<sub>2</sub>S refinery service. Non-destructive examination techniques for detection, quantifying and monitoring of wet H<sub>2</sub>S cracking in pressure vessels and piping. Carbon steels development for wet H<sub>2</sub>S services*. PhD Promotor: Dr E Terblanche.
11. VELDSMAN G. *Ontwerp vir vervaardiging van RTM gietvorms*. PhD Promotor: Prof AH Basson.

### Magister opend/Master's current

1. BLAINE DC. *Theoretical and experimental investigation of enhanced heat transfer surfaces*. MIng Studieleier: Prof DG Kröger.
2. DEBESAY T. *Truck-trailer load reaction analysis*. MScIng Studieleier: Dr E Terblanche.
3. DU TOIT JH. *Die ontwerp van gemengde vloeiwaaiers*. MScIng Studieleier: Prof TW von Backström.
4. DU TOUT MJ. *Eindige element analise van 'n binnebrand enjin inlaat spruitstuk struktuur*. MScIng Studieleier: Mnr K van der Westhuizen.
5. FUNNELL ME. *Monitoring of a helicopter tail-rotor vibration*. MScIng Studieleier: Mnr DvV Pienaar.
6. HARRIS R. *CFD modelling of flow over collector of a solar chimney*. MScIng Studieleier: Dr TM Harms.
7. HEISE R. *Investigation into the design of helicopter air intakes*. MScIng Studieleier: Prof TW von Backström.
8. HUSSELMAN M. *Modelling and verification of valve chain dynamics in engines*. MScIng Studieleier: Mnr K van der Westhuizen.
9. LOMBAARD IF. *Extraction and storage of solar energy for long term usage*. MScIng Studieleier: Prof DG Kröger.
10. MARAIS AL. *Aerodynamic and stealth characteristics of a mission adaptive air inlet*. MScIng Studieleier: Prof GD Thiar.
11. MILNE BG. *Optimisation of vehicle control strategy for hybrid electric vehicles*. MScIng Studieleier: Dr AB Taylor.
12. POTGIETER J. *Energy analysis of a food process*. MScIng Studieleier: Dr TM Harms.
13. PUNYADEERA LC. *Engine modelling and characterisation using mathematical and statistical techniques to predict Engine Test Analysis (ETA) data*. MScIng Studieleier: Dr AB Taylor.

14. ROUX JK. *Experimental and numerical investigation into dynamic thrust delivered by a shrouded propeller*. MEng Studieleier: Dr GD Thiar.
15. SCOWBY ST. *Thermal management of an axial flux permanent magnet machine*. MScIng Studieleier: Mnr RT Dobson.
16. TEETZ HW. *Wind energy for the SANAI IV base*. MScIng Studieleier: Dr TM Harms.
17. THOMAS KD. *Performance prediction method of axial compresses*. MScIng Studieleier: Prof TW von Backström.
18. VAN DER MERWE JC. *Computation of flow through torque converter stages*. MScIng Studieleier: Prof TW von Backström.
19. VAN DER WESTHUIZEN HJ. *Computational and experimental investigation of chamber design and combustion process interaction in a spark ignition engine*. MScIng Studieleier: Dr AB Taylor.
20. VAN WYK PA. *Thermal management and control of space-satelites systems and sub-systems*. MScIng Studieleier: Mnr RT Dobson.
21. WESTDYK D. *Die invloed van evaportranspirasie op die kwaliteit van lug wat deur 'n "kweekhuis" vloei*. MScIng Studieleier: Prof DG Kröger.
22. 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 Struktuuringenieurswese**  
**en Transporttegnologie) /**  
**CIVIL ENGINEERING**  
**(including the Institutes for Structural Engineering**  
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### **Tydskrifartikels/Journal articles**

1. BESTER CJ. Explaining national road fatalities. *Accident Analysis & Prevention* 2001; **33**: 663–672.
2. CHEN D-H, HUGO F. Comparison of two pavement rehabilitation strategies. *Journal of Transportation Engineering* 2001; **127**(1): 47-58.
3. GOUWS SM, ALEXANDER M, MARITZ G. Use of durability index tests for the assessment and control of concrete quality on site. *Concrete/Beton* 2001; **98**: 5-16.
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5. CHEN D-H, LIN H-H, HUGO F. Application of VESYS3AM in characterization of permanent deformation. *International Journal of Pavement Engineering* 2000; **1**(3): 171-192.

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

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2. BESTER C, PLANTEMA PA. *Cost benefit analysis of a road project in Namibia*. 14th International Road Federation Congress, Session W04. Paris, France, 2001: 17 pp. (CD-Rom).
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4. DUNAISKI PE, BARNARD H, KRIGE G, MACKENZIE R. *Review of provision of loads to structures supporting overhead travelling cranes – with reference to SABS 0160 (1989)*. Proceedings of the International Conference on Structural Engineering Mechanics and Computation. Cape Town, South Africa, 2001: 1321-1328.
5. EPPS A, WALUBITA LF, HUGO F, BANGERA N. *Comparing pavement response and rutting performance for full-scale and one-third scale accelerated pavement testing*. Proceedings of the 80th Annual Meeting of the TRB. Washington, DC, 2001: 30 pp. (CD-Rom).
6. GOLIGER AM, RETIEF JV. *Background to wind damage model for wind disaster management in South Africa*. Proceedings of the International Conference on Structural Engineering Mechanics and Computation. Cape Town, South Africa, 2001: 1329-1336.
7. GOLIGER AM, RETIEF JV. *Development of zones of strong wind events in South Africa*. Proceedings: Third European and African Conference on Wind Engineering. Eindhoven University of Technology, Eindhoven, The Netherlands, 2001: 427-434.
8. HOBBELMAN GJ, VAN ZIJL GPAG, VEER FA, TING CN. *A new structural material by architectural demand*. Proceedings of the International Conference on Structural Engineering, Mechanics and Computation. Cape Town, South Africa, 2001: 455-462.
9. JENKINS KJ, MOLENAAR AAA, VAN DE VEN MFC. *Trends in foamed bitumen technology*. BAUMA 2001 4th International Symposium on Infrastructure, Construction Systems and Technologies. Munich, Germany, 2001: 113-135.
10. JENKINS KJ, VAN DE VEN MFC. *Comparisons between in situ recycling with cement and foamed bitumen or emulsion on Vanguard Drive in South Africa*. First International Symposium on Subgrade Stabilization and In Situ Pavement Recycling using Cement. Salamanca, Spain, 2001: 931-947.
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14. RETIEF JV, KER-FOX G. *Application of limit state theory to tender adjudication*. Conference Report on International Conference on Safety, Risk and Reliability – Trends in Engineering. Malta, 2001: 417-422.
15. TER HAAR TR, RETIEF JV. *A methodology for structural code calibration*. Conference Report on International Conference on Safety, Risk and Reliability – Trends in Engineering. Malta, 2001: 221-226.
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6. JAKOET J, BESTER CJ. *Preparing public transport operators for tendering: the Western Cape situation*. South African Transport Conference. Pretoria, 2001: Session 4A-3, 1-12 (CD-Rom).
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8. JENKINS KJ, VAN DER VEN MFC. *Guidelines for mix design and performance prediction of foamed bitumen mixtures*. SATC (South African Transport Conference). Pretoria, 2001: Session 1A-7, 1-12 (CD-Rom).
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3. STRASHEIM JAvB, VAN ZYL P. *Civil engineering data exchange and the XML standard*. South African Institution of Civil Engineering, Division of Information Technology, Annual Symposium. Pretoria, 2001.

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2. EPPS AL, AHMED T, LITTLE DC, HUGO F. *Performance prediction with the MMLS3 at WesTrack*. Texas Transportation Institute, Research Report 2134-1, 2001. 120 pp.
3. HUGO F. *Rutting performance of dustrol rehabilitation under TxMLS trafficking with increased tire pressure*. center for transportation research. University of Texas at Austin, Research Report 1814- 4, 2000. 26 pp.



4. HUGO F, CHEN D-H, DE FORTIER SMIT A, BILYEU J. *Report on a comparison of the effectiveness of two pavement rehabilitation strategies on US 281 near Jacksboro*. Report No. 1814-1, 2001. 52 pp.
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1. DUFF-RIDDELL WR. *A computerised decision support system for the implementation of strategic management optimization principles in the planning and operation of integrated urban public transport*. PhD, 2001. 363 pp. Promotor: Prof CJ Bester.
2. SCHOONEES JS. *Longshore sediment transport: applied wave power approach, field data analysis and evaluation of formulae*. PhD, 2001. 323 pp. Studieleier: Prof A Rooseboom.

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

1. BECK JS. *Downstream changes in river morphology as a result of dam developments*. MScIng cum laude, 2001. 201 pp. Studieleier: Prof GR Basson.
2. BRAND WW. *Reliability assessment of a prestressed concrete member*. MIng, 2001. 213 pp. Studieleier: Prof JV Retief.
3. BURGER AF. *Rheology of polymer-modified binders: a comparative study of three binders and three binder/filler systems*. MScIng, 2001. 180 pp. Studieleier: Prof KJ Jenkins.
4. GUNTHER UK. *The application of doppler velocity meters in the measurement of open channel discharges*. MScIng, 2001. 266 pp. Studieleier: Prof A Rooseboom.
5. JAKOET J. *Preparing bus and taxi operators for tendering in the Western Cape*. MScIng, 2001. 163 pp. Studieleier: Prof CJ Bester.
6. LORIO B. *Towards a non-intrusive traffic surveillance system using digital image processing*. MScIng cum laude, 2001. 121 pp. Studieleier: Prof CJ Bester.
7. MALES RJ. *Complex, deterministic hydrological modelling towards decision support for catchment management*. MScIng, 2001. 223 pp. Studieleier: Prof AHM Görgens.
8. MOLLETT CJ. *Analysis of road traffic accident data in the implementation of road safety remedial programmes*. MIng cum laude, 2001. 315 pp. Studieleier: Prof CJ Bester.
9. ROUX J. *Establishing and applying speed-flow relationships for traffic on South African freeways*. MScIng cum laude, 2001. 225 pp. Studieleier: Prof CJ Bester.

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

1. ARMITAGE NP. *Drie-dimensionele sedimentvervoer*. PhD Promotor: Prof A Rooseboom.
2. BARNARD H. *Serviceability limit state design criteria for EOTC supporting structures*. PhD Promotor: Prof PE Dunaiski.
3. GOLIGER AM. *A wind damage model for disaster management in South Africa*. PhD Promotor: Prof JV Retief.
4. JONKER V. *Environmental significant morphological and hydraulic characteristics of cobble and boulder bed rivers in the Western Cape*. PhD Promotors: Proff A Rooseboom en AHM Görgens.
5. 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.

6. MILNE TI. *Towards a performance related seal design method for bitumen and modified bitumen seal binders*. PhD Promotor: Prof KJ Jenkins.
7. POOLMAN P. *The modelling of driver behaviour*. PhD Promotor: Prof CJ Bester.
8. ROSSOUW C. *Ontleding van golfpatrone*. PhD Promotor: Prof A Rooseboom.
9. ROSSOUW M. *See golf modelling*. PhD Promotor: Prof A Rooseboom.
10. SINSKE AN. *Comparative evaluation of the model-centred and the application-centred approach to software system development for civil engineering applications*. PhD Promotor: Prof PE Dunaiski.
11. SMIT AdeF. *The gyratory mix-design and analysis of large stone HMA bases*. PhD Promotor: Prof KJ Jenkins.
12. STRASHEIM JAvB. *Semi automated space planning*. PhD Promotor: Prof PE Dunaiski.
13. TER HAAR TR. *A rational approach towards the design criteria for serviceability limit state design of industrial steel structures*. PhD Promotor: Prof PE Dunaiski.
14. VAN ROOYEN GC. *Efficient computer models for collaborative engineering in steel design*. PhD Promotor: Prof PE Dunaiski.
15. VAN ZYL NJW. *Land-use transport strategies to cope with suburbanisation*. PhD Promotor: Prof CJ Bester.
16. VERHAEGHE BMJA. *Development and implementation of a product performance guarantee system (PPGS)*. PhD Promotor: Prof KJ Jenkins.
17. WARREN JS. *Reliability based codification for the design of EOTC support structures*. PhD Promotor: Prof PE Dunaiski.

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

1. BALDOW K. *Ingenieurs risiko bestuur*. MScIng Studieleier: Prof JV Retief.
2. BARNARD MM. *Aspekte van wateringenieurswese*. MScIng Studieleier: Prof GR Basson.
3. BERMAN BN. *Aspekte van ingenieursbestuur*. MScIng Studieleier: Mnr AduT Malan.
4. BESTER A. *Besluitsteunstelsels vir projek risikobestuur*. MScIng Studieleier: Prof JV Retief.
5. BESTER JW. *Aspects of tunnel roughness*. MIng Studieleier: Prof A Rooseboom.
6. BRINK CJ. *Aspekte van wateringenieurswese*. MScIng Studieleier: Prof GR Basson.
7. CLOETE GC. *Aspekte van wateringenieurswese*. MIng Studieleier: Prof A Rooseboom.
8. DE KOCK JM. *Aspekte van struktuuringenieurswese*. MScIng Studieleier: Mnr GC van Rooyen.
9. DE VILLIERS PJ. *An evaluation of imposed loads for application to codified structural design*. MScIng Studieleier: Prof JV Retief.
10. DOURIES WJ. *A practical guide for the construction of high quality hot mix asphalt layers*. MScIng Studieleier: Prof KJ Jenkins.
11. DZVUKAMANJA TN. *Development of provisional guidelines for the treatment of scale and resolution in assessing streamflow reduction impacts of alien plant infestations and commercial afforestation in water resources modelling studies*. MScIng Studieleier: Prof AHM Görgens.
12. KAPP GS. *Waterboukunde*. MScIng Studieleier: Prof A Rooseboom.
13. KOEN CB. *Ontwerp van 'n universele balk toetsfasiliteit*. MScIng Studieleier: Prof PE Dunaiski.
14. MALAN JG. *Aspekte van waterboukundige ingenieurswese*. MScIng Studieleier: Prof GR Basson.
15. MANGOPE RR. *Design flood procedures manual for Botswana*. MScIng Studieleier: Prof AHM Görgens.
16. MARTHEZE J. *Design guidelines for public transport transfer facilities*. MIng Studieleier: Prof CJ Bester.
17. NAUDE A. *A model for the development and management of municipal services in SA through private sector involvement with specific reference to water and sanitation services*. MIng Studieleiers: Mnr H Honey en prof GR Basson.

18. NEVELING J. *Aspekte van struktuuringenieurswese*. MScIng Studieleier: Prof PE Dunaiski.
19. OLIVIER AH. *Aspekte van informatika in siviele ingenieurswese*. MScIng Studieleier: Mnr GC van Rooyen.
20. OOSTHUIZEN DR. *Ontwikkeling van 'n databasis vir struktuuringenieurswese*. MScIng Studieleier: Mnr GC van Rooyen.
21. PEREZ-WINKLER AR. *Estimation of the working life of OHT crane rails*. MScIng Studieleier: Prof PE Dunaiski.
22. SCHNEEBERGER W. *The effect of road alignment on accidents on low volume rural roads*. MScIng Studieleier: Prof CJ Bester.
23. VAN DER WALT SJ. *Reliability based determination of load models for EOTC support structures*. MScIng Studieleier: Prof JV Retief.
24. VAN DER WESTHUYSEN AJ. *The application of the numerical wind-wave model SWAN to a selected field case on the SA coast*. MScIng Studieleier: Mnr DE Bosman.
25. VAN ZYL P. *Aspekte van informatika*. MScIng Studieleier: Mnr JAvB Strasheim.
26. VILJOEN PD. *A study of the top flange and web deformations in a crane girder panel*. MScIng Studieleier: Prof PE Dunaiski.

## TOEGEPASTE WISKUNDE / APPLIED MATHEMATICS

### Tydskrifartikels/Journal articles

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1. BURGER AP, GRÜNDLINGH WR, VAN VUUREN JH. *Determining bounds for winning lottery set sizes*. South African International Graph Theory Conference. Ithala Wildtuin, KwaZulu-Natal, 2001.
2. DIEDERICKS GPJ, THERON AK, HUIZINGA P. *Modelling of sedimentation in small South African estuaries*. Delft3D User Conference. WL/Delft Hydraulics, The Netherlands, 2001.
3. DU PREEZ LH, VAN AS J, MARITZ MF. *Polystomatid sclerite morphology*. 4th International Symposium on Monogenea. Brisbane, Australia, 2001.
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6. VAN DYK FE, VAN VUUREN JH. *Optimeringstegnieke in grafiekteorie*. International Conference on Operations Research in Development. Kruger National Park, Mpumalanga, South Africa, 2001.
7. WEIDEMAN JAC. *Computation of complex singularities in non-linear PDE's*. Biennial Conference on Numerical Analysis. University of Dundee, Scotland., 2001.
8. WEIDEMAN JAC. *Computation of complex singularities in non-linear PDE's*. International Conference on Spectral and High Order Methods. University of Uppsala, Sweden, 2001.

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3. BERJAK SG, VAN VUUREN JH. *A tree search for finding polynomial generator seeds*. Jaarvergadering van die Operasionele Navorsingsvereniging van Suid-Afrika. Vaaldriehoek Technikon, Vanderbijlpark, 2001.
4. BLACK CD, VAN VUUREN JH. *Optimal inventory control: click-a-box case study*. Jaarvergadering van die Operasionele Navorsingsvereniging van Suid-Afrika. Vaaldriehoek Technikon, Vanderbijlpark, 2001.
5. BURGER AP, VAN VUUREN JH. *Off-diagonal multipartite Ramsey numbers*. Jaarvergadering van die Suid-Afrikaanse Wiskundevereniging. Universiteit van Durban-Westville, Durban, KwaZulu-Natal, 2001.
6. DU PLESSIS JP (Jnr), SMIT GJF. *Modelling of flow through a stack in a timber-drying kiln*. Suid-Afrikaanse Vereniging vir Numeriese en Toegepaste Wiskunde (SANUM). Stellenbosch, 2001.
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**Magister afgehandel/Master's completed**

1. STIPP EH. *Ramsey numbers in multi-partite graphs*. MSc cum laude, 2001. 91 pp. Studieleier/medestudieleier: Dr JH van Vuuren/prof JP du Plessis.

**Doktoraal lopend/Doctoral current**

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. *Offline signature verification*. PhD Promotor: Prof BM Herbst.
3. MAGAIA LL. *An automated facial recognition system based on stereo images*. PhD Promotor: Prof BM Herbst.
4. VAN ROOYEN R. *Personal Identification based on physical features in a smartroom environment*. PhD Promotor: Prof BM Herbst.

**Magister lopend/Master's current**

1. BLACK CD. *Optimisation techniques in the context of cutting problems and inventory control in cardboard box producing factories*. MSc (Ingwet) Studieleier: Dr JH van Vuuren.
2. DU PLESSIS JP. *Modelling and application of transfer processes in porous structures*. MSc (Ingwet) Studieleier: Dr GJF Smit.
3. GRÜNDLINGH WR. *On a combinatorial problem of dominating sets for lottery schemes*. MSc Studieleier: Dr JH van Vuuren.
4. HUDDLESTONE G. *Prediction techniques for time series produced by nonlinear processes*. MSc. Studieleier/medestudieleier: Prof M Gerber/prof JAC Weideman.
5. ROBSON G. *Image processing*. MSc (Ingwet) Studieleier: Prof BM Herbst.
6. 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  
GESONDHEIDSWETENSAPPE**

**FACULTY OF  
MEDICAL SCIENCE**



# SKOOL VIR AANVULLENDE GESONDHEIDSWETENSKAPPE / SCHOOL OF ALLIED HEALTH SCIENCES

## FISIOTERAPIE / PHYSIOTHERAPY

### Tydskrifartikels/Journal articles

1. FAURE M, JULIES B, DAWSON D. Undergraduate research – student perceptions. *SA Journal of Physiotherapy* 2001; **57**(1): 3-6.
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3. FRIEG A, HENDRY J. Perceived needs of disability grant recipients in a semi-rural South African area. *Social Work* 2001; **37**(4): 357-365.

### Magister Iopend/Master's current

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

## MENSLIKE VOEDING / HUMAN NUTRITION

### Tydskrifartikels/Journal articles

1. BLAAUW R. The glycaemic index. Editorial. *South African Journal of Clinical Nutrition* 2001; **14**(3): 82.
2. LABADARIOS D, STEYN N, MAUNDER E, MACINTYRE U, SWART R, GERICKE G, HUSKISSON J, DANNHAUSER A, VORSTER HH, NESAMVUNI AE. The National Food Consumption Survey (NFCS) – children aged 1-9 years, South Africa, 1999. *South African Journal of Clinical Nutrition* 2001; **14**(2): 62-75.
3. LABUSCHAGNE I, SCHÜBL C. Feeding children: four to six years. *Modern Medicine* 2001; **26**(5): 22-28.
4. PRINSLOO M, LABUSCHAGNE I, SCHÜBL C. Feeding babies: six to twelve months. *Modern Medicine* 2001; **26**(1): 26-33.
5. SCHÜBL C, LABUSCHAGNE I. Feeding children: one to three years. *Modern Medicine* 2001; **26**(3): 20-25.
6. STEYN NP, ABERCROMBIE R, LABADARIOS D. Food security – an update for health professionals. *South African Journal of Clinical Nutrition* 2001; **14**(3): 98-102.
7. VARANDAS L, JULIEN M, GOMES A, RODRIGUES P, VAN LERBERGHE W, MALVEIRO F, AGUIAR P, KOLSTEREN P, VAN DER STUYFT P, HILDERBRAND K, LABADARIOS D, FERRINHO P. A randomised, double-blind, placebo-controlled clinical trial of vitamin A in severe malaria in hospitalised Mozambican children. *Annals of Tropical Paediatrics* 2001; **21**: 211-222.
8. VENTER I, MARAIS D, DE MUYNK K, SHEDDEN A. Computer-aided learning in disadvantaged communities in the Southern Cape and Karoo – a nutrition education initiative. *South African Journal of Clinical Nutrition* 2001; **14**(3): 116-111.



**Verrigtinge nasionaal/Proceedings national**

1. KINNEAR S, LABADARIOS D. A retrospective analysis of the use of total parenteral nutrition in the Tygerberg Academic Hospital: 1988-1996. *South African Journal of Clinical Nutrition* 2001; **14**(3): 114.
2. KRAUSE K, VON BLERK N, JAGER A, MARAIS M, LABADARIOS D. Nutritional status of institutionalised frail elderly. *South African Journal of Clinical Nutrition* 2001; **14**(3): 113.
3. NAUDE C, ALEXANDER M, CRUYWAGEN L, KOSABER I, KOORNHOF HE, MARAIS D. Breastsfeeding policies and practices in healthcare facilities in the Cape Metropole and surrounding areas. *South African Journal of Clinical Nutrition* 2001; **14**(3): 118.
4. O'REILLY CB, DE BEER E, BLACK M, RIJPSTRA N, KIRSTEN GF, SCHÜBL C, VAN WYK E, BEUKES R. The effect of breast milk fortification on the short term growth of preterm infants in Kangaroo Mother Care. *South African Journal of Clinical Nutrition* 2001; **14**(3): 115.
5. STEEL KS, ALLEN NA, LANG N, FANIE N, HERSELMAN MG. Dietary practices of South African dietitians regarding the nutritional management of renal patients. *South African Journal of Clinical Nutrition* 2001; **14**(3): 114.

**Referate internasionaal/Papers international**

1. HERSELMAN MG. *Nutrition Guidelines and Practices of South African Renal Dietitians*. IX Congress of the International Society for Peritoneal Dialysis. Montreal, Canada, 2001.

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1. BLAAUW R. *The dietary management of Diabetes Mellitus*. Congress of the South African Society for Parenteral and Enteral Nutrition. Stellenbosch, 2001.
2. HERSELMAN MG. *Update on renal nutrition*. Congress of the South African Society for Parenteral and Enteral Nutrition. Stellenbosch, 2001.
3. LABADARIOS D. *National food consumption survey in children aged 1-9 years of age: South Africa 1999*. Congress of the South African Society for Parenteral and Enteral Nutrition. Stellenbosch, 2001.

**Hoofstukke in boeke/Chapters in books**

1. STEHLE P, LABADARIOS D, (eds). Nutraceuticals and micronutrients. In: Stehle P, Labadarios D, (eds). *Current Opinion in Clinical Nutrition and Metabolic Care* 2001; **4**(6): 471-487.

**Doktoraal lopend/Doctoral current**

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

**Magister lopend/Master's current**

1. BEUKES R. Growth patterns of infants from birth to twelve months in relation to feeding practices. MVoeding Studieleier: Prof D Labadarios.
2. DE BEER A-M. *Selected feeding problems in childhood*. MVoeding Studieleier: Prof D Labadarios.
3. GOEIMAN H. The use of the Road to Health Chart in Primary Health Care. MVoeding Studieleier: Prof D Labadarios.
4. JOUBERT P. Production of enteral feeds: manual vs mechanised vs "ready to hang". MVoeding Studieleier: Prof D Labadarios.
5. KLINGER I. The nutritional status of pregnant women in relation to alcohol consumption during pregnancy and pregnancy outcome. MVoeding Studieleier: Prof D Labadarios.
6. PHOOKO P. Nutritional factors associated with oral lesions in HIV disease and TB infection. MVoeding Studieleier: Prof D Labadarios.
7. RASEKHALA A. Development of guidelines on food service administration and management. MVoeding Studieleier: Prof D Labadarios.

8. TSHITAUDZI G. Nutritional status of pregnant adolescent women with special emphasis on iron and folic acid deficiencies. MVoeding Studieleier: Prof D Labadarios.
9. VISSER (née CONRADIE) J. *Micronutrient status during the acute phase response*. MVoeding Studieleier: Prof D Labadarios.

## SKOOL VIR BASIESE EN TOEGEPASTE GESONDHEIDSWETENSKAPPE / SCHOOL OF BASIC AND APPLIED HEALTH SCIENCES

### ANATOMIE EN HISTOLOGIE / ANATOMY AND HISTOLOGY

#### Tydskrifartikels/Journal articles

1. CHASE CC, GELDENHUYS KM. Student-centred teaching in a large heterogeneous class. *Medical Education* 2001; **35**: 1071.
2. MULLER CJF, DU TOIT DF, PAGE BJ, LOUW J, MULLER BJF, WILLIAMS K, MATTYSEN JJ, LYNERS RFC. Islet morphology and function following foetal rat pancreatic transplantation. *European Journal of Anatomy* 2000; **4**(3): 149-160.
3. MULLER CJF, DU TOIT DF, PAGE BJ, MULLER N, 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. *Transplantation Proceedings* 2001; **33**: 2229-2231.
4. VORSTER W, LIZAMORE DJ. The avian embryo: a developmental research tool. *Journal of Morphology* 2001; **248**(3): 297 (abstrak).
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#### Verrigtinge internasionaal / Proceedings international

1. LABUSCHAGNE BCJ, DU TOIT DF, HOOGLAND PV. *The learning environment at medical schools*. Proceedings of the Fourth International QMOD (Quality Management and Organisational Development) Conference. Linköping, Sweden, 2001: 218-224.
2. MULLER CJF, DU TOIT DF, PAGE BJ, LOUW J, MULLER N, MATTHYSEN J, LYNERS RFC. *A morphometric and functional assessment of foetal pancreatic transplantation in a syngeneic laboratory diabetic rat model*. *Acta Chir. Austriaca* 2001; **33**(174): 42.

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1. CHASE CC, GELDENHUYS KM, MULLER CJF, DU TOIT DF. *The effect of intratracheal BCG on pleural milky spots*. XVIth International Symposium on Morphological Sciences. Sun City, South Africa, 2001.
2. DE LANGE ME, LIEBREGTS R, HOOGLAND PVJM, GELDENHUYS KM, MULLER CJF, LABUSCHAGNE BCJ, DU TOIT DF. *Distribution of glutathione and tyrosine hydroxylase in the olfactory bulb and substantia nigra of Vervet monkeys*. XVIth International Symposium on Morphological Sciences. Sun City, South Africa, 2001.
3. HOOGLAND PV, HUISMAN E, LABUSCHAGNE BCJ, DU TOIT DF. *Defence mechanisms in and around dopaminergic cells of the human olfactory bulb*. XVIth International Symposium on Morphological Sciences. Sun City, South Africa, 2001.
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1. PAGE BJ, DU TOIT DF, MULLER CJF, MATTYSEN JP, LYNERS R, ARENDS E. *Transplanting donor tissue from pancreatic duct ligated into chemically induced diabetic experimental animals restores normoglycaemia*. XIX Congress of the Southern African Transplantation Society. Thaba'Nchu Sun, Bloemfontein, 2001.
2. PAGE BJ, DU TOIT DF, MULLER CJF, MATTYSEN J, LYNERS R, ARENDS E. *The removal of grafted pancreas tissue does not restore diabetes mellitus in laboratory rats*. XIX Congress of the Southern African Transplantation Society. Thaba'Nchu Sun, Bloemfontein, 2001.

### Boeke/Books

1. DU TOIT DF, ENGELBRECHT W, O'CONNOR J, WELGEMOED M. *Ride your best Argus ever*. Second Edition, Tafelberg, 2001. 261 pp.
2. VAN ELFEN J (volledig hersien deur DU TOIT DF). *Dokter in die huis*. Tafelberg, 2001. 752 pp.

### Doktoraal Iopend/Doctoral current

1. MOOSA MR. *The development of malignancies in renal allograft recipients with special emphasis on Kaposi's sarcoma*. MD Promotor/medepromotor: Prof DF du Toit/prof PAB Wranz.
2. 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. COETZEE K, WINDT M-L, MENKVELD R, KRUGER TF, KITSHOFF MS. An intracytoplasmic sperm injection pregnancy with a globozoospermic male. *Journal of Assisted Reproduction and Genetics* 2001; **18**(5): 311-313.
2. DU PLESSIS JM, SCHAETZING AE, WRANZ PAB, LOUW M. Aylesbury and cervitula spatulas – a comparative study to assess the adequacy of cervical smears. *Acta Cytologica* 2001; **45**: 675-678.
3. JORDAAN HF, SCHNEIDER JW. Is "nodular tuberculid" a distinct entity? In reply to the editor. *Pediatric Dermatology* 2001; **18**(2): 164-167.
4. MULLER CJF, DU TOIT DF, PAGE BJ, MULLER N, MATTYSEN J, LYNERS R. Efficacy of Malononitramid 715 as immunosuppressant, alone or in combination with cyclosporin, in allogeneic foetal rat pancreatic transplantation. *Transplantation Proceedings* 2001; **33**: 2229-2231.
5. THERON J, AINSLIE G, SCHNEIDER JW, BATES WD, BOLLINGER CT. A 21-year-old patient with acute myeloid leukemia and bilateral pulmonary infiltrates. *Respiration* 2001; **68**(6): 649-657.

- WINDT M-L, COETZEE K, KRUGER TF, MARINO H, KITSHOFF MS, SOUSA M. Ultrastructural evaluation of recurrent and in-vitro maturation resistant metaphase I arrested oocytes. *Human Reproduction* 2001; **16**(11): 2394-2398.

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- FENHALLS G, STEVENS-MULLER L, WARREN R, CARROLL N, BEZUIDENHOUT J, VAN HELDEN P. *Mycobacterial DNA and mRNA in human tuberculous granulomas*. Gordon Conference on TB Drug Development. New Hampshire, USA, 2001.
- HEYNS CF, SCHMIDT AC, LE ROUX P, ELLMANN A, MOLLER J, VAN ZYL JA, BATES W. *Dynamic sentinel lymph node localisation in patients with squamous carcinoma of the penis*. Pan African Urological Surgeon's Association Vth International Congress. Port el Kantaoui, Sousse, Tunisia, 2001.
- KASCHULA ROC, WRANZ PAB, GEIGER DH. *Placental histology of brain study*. 2nd Joint South African – Dutch Meeting in Obstetrics and Gynaecology. Gordon's Bay, South Africa, 2001.
- LOUW M, SMIT K. *A systematic approach for distinguishing benign from malignant breast disease – the Cape Town experience*. 14th International Congress of Cytology. Amsterdam, The Netherlands, 2001.
- SCHNEIDER JW. *Dermatopathology Travelling Seminar, Short course no 79*. Dermatopathology Travelling Seminar, International Academy of Pathology. Bloemfontein, Cape Town, Durban, Pretoria, 2001.
- WINDT M-L, EL SHAFIE M, KITSHOFF M, KRUGER TF, SOUSA M. *Transmission electron microscopic (TEM) evaluation of the human oocyte: diagnostic value in fertilization failure and unexplained infertility*. International Congress on Reproductive Medicine: Andrology in the Nineties, 7th edition. Antalya, Turkey, 2001.

### Referate nasionaal/Papers national

- BATES WD, MULLER N, MOOSA MR, SMIT RvZ. *HBV renal biopsy pathology in adults. 15 year review from Tygerberg Hospital, Western Cape*. 41st Annual Congress of the Federation of South African Societies of Pathology (FSASP) Pathodyssey. Cape Town, 2001.
- CARR J, HEWLETT RH, LOMBAERT F, HUGO F, RUTHERFOORD GS. *Cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL): case report with histological and radiological correlation*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
- DLAMINI Z, GEIGER DH, SCHNEIDER JW, REES J. *Expression patterns and tissue distribution of the cell death gene, DAWN, in cancerous and normal human tissues*. 158th General Meeting, Experimental Biology Group, UCT, US, UWC. Cape Town, 2001.
- FENHALLS G, STEVENS-MULLER L, WARREN R, CARROLL N, BEZUIDENHOUT J, VAN HELDEN P. *Localisation of mycobacterial DNA and mRNA in human pulmonary tuberculous granulomas*. Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
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- MOSES L, FENHALLS G, WARREN R, VAN HELDEN P, BEZUIDENHOUT J, BEYERS N, MOORE S. *PT2 in situ hybridisation analysis of mycobacterium tuberculosis gene*

- expression in human lymph node granulomas*. Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
7. MULLER CJF, DU TOIT DF, PAGE BJ, LOUW J, MULLER N, MATTHYSEN J, LYNERS R. *A morphometric and functional assessment of foetal rat pancreatic transplantation in a syngeneic laboratory diabetic rat model*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
  8. OSBORN AG, SALZMAN K, HEWLETT RH, RUTHERFOORD GS, COOPER JA, WELLER R. *The perivascular (Virchow-Robin) spaces in health and disease: an imaging, pathologic and computer graphics study*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
  9. VAN RENSBURG SJ, BERMAN P, POTOENIK FCV, MACGREGOR P, TALJAARD JJF. *Increased 5-sialo glycosylation of transferrin in patients with Alzheimer's disease compared with alcohol induced dementia and controls*. 41st Annual Congress of the Federation of South African Societies of Pathology (FSASP) Pathodyssey. Cape Town, 2001.
  10. VAN RENSBURG SJ, BERMAN P, POTOENIK FCV, MACGREGOR P, TALJAARD JJF. *Verhoogde konsentrasies van 5-sialo transferrien in Alzheimer se siekte*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
  11. VAN VUUREN W, REUTER H, BURGESS L, SCHNEIDER JW, DOUBELL AF. *The role of pericardial biopsy in diagnosing large pericardial effusions*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
  12. WRIGHT C, VAN ZYL Y, LEIMAN G, BLUMBERG L, BURGESS S. *Autofluorescence of mycobacteria on lymph node aspirates - a glimmer in the dark?* 41st Annual Congress of the Federation of South African Societies of Pathology (FSASP) Pathodyssey. Cape Town, 2001.

### Magister afgehandel/Master's completed

1. COLESKY FJ. *Clinicopathological features of dermatofibrosarcoma protuberans*. MMed cum laude, 2001. 92 pp. Studieleiers: Proff JW Schneider en HF Jordaan.
2. VERMEULEN KW. *A computerised diagnostic aid and interactive reference guide in dermatopathology*. MMed cum laude, 2001. 207 pp. Studieleiers: Proff JW Schneider en HF Jordaan.

### Doktoraal lopend/Doctoral current

1. BATES WD. *Membranous glomerulonephritis – adult idiopathic compared to HBV associated in children*. MD Promotor: Dr R van Zyl.
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. VAN DER WALT M. *Ovarian malignancies in young women at TBH*. MMed Studieleiers: Dr M Louw en prof C Wright.

## CHEMIESE PATOLOGIE / CHEMICAL PATHOLOGY

### Vaktydskrifartikels/Journal articles

1. BURGESS LJ, TALJAARD JJF, MARITZ FJ. Rapid screening test for pleural exudates. *South African Medical Journal* 1999; **89**(1): 14.
2. VAN RENSBURG SJ, POTOENIK FCV, KISS T, HUGO FJ, VAN ZIJL P, MANSVELT E, CARSTENS ME, THEODOROU P, HURLY PR, EMSLEY RA, TALJAARD JJF. Serum concentrations of some metals and steroids in patients with chronic fatigue syndrome with

reference to neurological and cognitive abnormalities. *Brain Research Bulletin* 2001; **55**: 319-325.

### Verrigtinge internasionaal/Proceedings international

1. MANSVELT EPG, VAN VELDEN DP, FOURIE E, ROSSOUW M, VAN RENSBURG SJ, SMUTS M. *The in vivo antithrombotic effect of regular and moderate wine consumption on human blood platelets and haemostatic factors*. 26th World Congress and 81st General Assembly of the Office International de la Vigne et du Vin. Adelaide, Australia, 2001: 296-303.
2. POTOČNIK FCV, PARK C, VAN RENSBURG SJ, HUGO F, WARWICK J, VAN HEERDEN B, EMSLEY RA, TALJAARD JJJ. *Three case studies of "non-progressive" dementia: extreme variants of chronic fatigue syndrome*. 10th Congress of the International Psychogeriatric Association. Nice, France, 2001; *International Psychogeriatrics* 2001; **13**: 149-S.

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2. POTOČNIK FCV, VAN RENSBURG SJ, SAUNDERS J, HUGO F, DANIELS W. *Dementia studies in South Africa*. 5th Society of Neuroscientists of Africa Conference: "Dementia in Developing Countries" Neurobiology of Dementia Symposium. Nairobi, Kenya, 2001.
3. VAN VELDEN DP, MANSVELT EPG, FOURIE E, ROSSOUW M, VAN RENSBURG SJ. *The cardioprotective effect of wine on human blood chemistry*. Conference on Alcohol and Wine in Health and Disease. Palo Alto, California, 2001.

### Referate nasionaal/Papers national

1. POTOČNIK FCV, HUGO FJ, ROOS A, THORNTON HB, VAN RENSBURG SJ. *A reminder on the value of a Memory Clinic*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2001.
2. POTOČNIK FCV, VAN RENSBURG SJ, HUGO FJ. *Update on Alzheimer's disease*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2001.
3. VAN RENSBURG SJ, BERMAN P, POTOČNIK FCV, MACGREGOR P, TALJAARD JJJ. *Increased 5-sialo glycosylation of transferrin in patients with Alzheimer's disease compared with alcohol induced dementia and controls*. 41st Annual Congress of the Federation of South African Societies of Pathology. Bantry Bay, Cape Town, 2001.
4. VAN RENSBURG SJ, BERMAN P, POTOČNIK FCV, MACGREGOR P, TALJAARD JJJ. *Verhoogde konsentrasies van 5-sialo transferrien in Alzheimer se siekte*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2001.

## FARMAKOLOGIE / PHARMACOLOGY

### Tydskrifartikels/Journal articles

1. ALBRECHT CF, JOUBERT JJ, DE RYCKE PH. Origin of the enigmatic, circular, barren patches ("Fairy Rings") of the pro-Namib. *South African Journal of Science* 2001; **97**: 23-27.
2. BOTHA PJ, VAN DER BIJL P, VAN EYK AD. A literature review and pilot study to characterise the treatment of burning mouth syndrome. *South African Dentistry Journal* 2001; **56**(8): 353-358.
3. BOUIC PJD, CLARK A, BRITTLE W, LAMPRECHT JH, FREESTONE M, LIEBENBERG RW. Use of a plant sterol/sterolin supplement by a cohort of South African HIV infected

- patients – effects on immunological and virological surrogate markers. *South African Medical Journal* 2001; **91**: 848-850.
4. BOUIC PJD, LAMPRECHT JH. Monograph. Plant sterols and sterolins. *Alternative Medium Reviews* 2001; **6**: 203-206.
  5. BREYTENBACH U, CLARK A, LAMPRECHT J, BOUIC P. Flow cytometric analysis of the TH1-TH2 balance in healthy individuals and patients infected with the human immunodeficiency virus (HIV) receiving a plant sterol/sterolin mixture. *Cell Biology International* 2001; **25**(1): 43-49.
  6. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, VAN DE WAL BW, BARENDSE A, SMIT E, CARMAN D, TALENT J, MARITZ J. Early bactericidal activity of amoxicillin in combination with clavulanic acid in patients with sputum smear-positive pulmonary tuberculosis. *Scandinavian Journal of Infectious Diseases* 2001; **33**: 466-469.
  7. DONALD PR, SIRGEL FA, VENTER A, SMIT E, PARKIN DP, VAN DE WAL BW, MITCHISON DA. The early bactericidal activity of amikacin in pulmonary tuberculosis. *International Journal of Tuberculous Lung Disease* 2001; **5**(6): 533-538.
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  9. MEYER D, MARITZ P, LIEBENBERG PH, PARKIN DP, BURGESS LJ. Cortical lens opacities in the young patient – an indication for a lipogram? *South African Medical Journal* 2001; **91**(6): 520-524.
  10. SEIFART HI, PARKIN DP, BOTHA FJH, DONALD PR, VAN DER WALT B. Population screening for isoniazid acetylator phenotype. *Pharmacoepidemiology and Drug Safety* 2001; **10**: 127-134.
  11. THOMPSON IOC, VAN DER BIJL P, VAN WYK CW, VAN EYK AD. A comparative light microscopic, electron-microscopic and chemical study of human vaginal and buccal epithelium. *Archives of Oral Biology* 2001; **46**: 1091-1098.
  12. UEBEL RA, WIUM CA, SCHMIDT AC. Stability evaluation of a prostaglandin E<sub>1</sub> saline solution packed in insulin syringes. *International Journal of Impotence Research* 2001; **13**: 16-17.
  13. VAN DER BIJL P. Medical art – a brief general overview and its development in South Africa. *South African Medical Journal* 2001; **91**(12): 1028-1031.
  14. VAN DER BIJL P, VAN EYK ED. Areca nut lowers the permeability of vaginal mucosa to reduced arecoline and arecaidine. *Journal of Oral Pathology and Medicine* 2001; **30**: 537-541.
  15. VAN DER BIJL P, VAN EYK AD, MEYER D. Effects of three penetration enhancers on transcorneal permeation of cyclosporine. *Cornea* 2001; **20**(5): 505-508.
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3. PIETERSEN C. *The role of corticotropin-releasing factor in anxiety disorders*. MSc, 2001. 146 pp. Studieleiers: Dr WMU Daniels en prof DJ Stein.

### **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.
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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: Prof A Lochner en prof JA Moolman.
5. STRIJDOM JG. *Die rol van stikstofoksied (NO) in die beskerming van die hart teen isgemie*. PhD Promotors: Prof A Lochner en prof JA Moolman.

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1. HARTLEY S. *Prekondisionering van die isgemiese hart: rol van fosfodiesterase*. MSc Studieleiers: Prof A Lochner en prof J Moolman.
2. LANGEVELDT (née TITUS) C. *Alternative insulin mitogenic signalling pathways in immature osteoblast cell lines*. MSc Studieleiers: Dr P Hulley en dr C Page.
3. 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.
4. 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: Dr C Page en dr W Ferris.
5. RICHTER L. *The effect of central administration of corticotropin releasing factor on the behaviour and neurochemistry of rats*. MSc Studieleiers: Dr WMU Daniels en prof DJ Stein.
6. SCHOEMAN J. *Is domestic violence a risk factor for preterm labour?* MSc Studieleiers: Prof HJ Odendaal, dr PS Steyn en mnr SS du Plessis.
7. ZUO X. *The importance of myocardial apoptosis in Type 2 diabetes mellitus*. MSc Studieleiers: Dr B Huisamen en prof A Lochner.

## GENEESKUNDIGE MIKROBIOLOGIE / MEDICAL MICROBIOLOGY

### Tydskrifartikels/Journal articles

1. BOUIC PJD. The role of phytosterols and phytosterolins in immune modulation: a review of the past 10 years. *Current opinion in clinical nutrition and metabolic care* 2001; **4**: 471-475.
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2. BOUIC PJD, LAMPRECHT J, CLASSENS G, FREESTONE M, CLARK A, BRITTLE W. *Use of the plant  $\beta$ -Sitosterol/ $\beta$ -Sitosterol glucoside mixture (Moducare<sup>TM</sup>) for the management of South African HIV infected individuals: immunological and virological*

*changes over 40 months.* International Immunopharmacology Congress. Sun City, South Africa, 2001.

3. LAMPRECHT J, BOUIC P, CLARK A, BRITTLE W, FREESTONE M, AUSTIN M. *Differences in spontaneous apoptosis of CD4+ lymphocytes between untreated Feline Immunodeficiency Virus positive (FIV+) domestic cats and a group treated with Betasitosterol/Betasitosterol Glucoside (BSS/BSSG) (Moducare™) – more evidence of immune modulation.* International Immunopharmacology Congress. Sun City, South Africa, 2001.
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2. CLARKE A, COTTON M, BRITTLE W, BOUIC P. *Measurement of CD4+ T Cell apoptosis: Comparison of Annexin V binding to a scatter-based flow cytometric method.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
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5. HESSELING PB, BOUIC P, WESSELS G, NEL ED, LOXTON A. *Bacterial DNA and interleukin-6 in cancer children with a positive blood culture.* 45th Academic Year Day, Faculty of Medical Science, University of Stellenbosch. Tygerberg, 2001.
6. LIEBOWITZ L, SLABBERT M, HUISAMEN A. *Comparative in vitro activity of ABT-773 against clinical isolates of Streptococcus pneumoniae and Streptococcus pyogenes.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
7. LIEBOWITZ L, SLABBERT M, HUISAMEN A. *Susceptibility patterns of respiratory pathogens.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
8. ORTH H. *Stenotrophomonas maltophilia – a comparison of the disc diffusion and E-test methods with the broth macrodilution method of susceptibility testing.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
9. ORTH H, MOSES P, WHITELAW A. *Disseminated Nocardia farcinica infection in a renal transplant patient.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
10. PAINCZYK K, PIENAAR C, WASSERMAN E, VISSER J. *Culture-proven case of Bordetella pertussis infection.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
11. PIENAAR C, COTTON MF, WHITELAW DA. *Two unusual presentations of Kingella kingae infection.* Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control,

Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.

12. WASSERMAN E, RAYNHAM OW, ATWOOD R. *The microbiology and cost-effective therapy of tonsillar and peritonsillar infection*. Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.
13. WASSERMAN E, VAN DER MERWE A, GOODWAY J. *Introduction web-enhanced learning for 1st year medical students in Microbiology*. 45th Academic Year Day, Faculty of Medical Science, University of Stellenbosch. Tygerberg, 2001.

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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.
3. LE ROUX FH. *Die effek van musiek op die immuunsisteem, emosies en longfunksies tydens die standard fisioterapeutiese behandeling van spesifieke longpatologie*. PhD Promotor: Prof PJD Bouic.

### Magister lopend/Master's current

1. ROBBERTS FJL. *Comparison of microbiology and PCR for the detection of Pneumocystis carinii infections, and screening for co-trimoxazole resistance*. Studieleier: Prof LD Liebowitz.

## GENEESKUNDIGE VIROLOGIE / MEDICAL VIROLOGY

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1. ALBRECT CF, JOUBERT JJ, DE RYCKE PH. Origin of the enigmatic, circular, barren pathcos ('Fairy Rings') of the pro-Namib. *South African Journal of Science* 2001; **97**: 23-28.
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5. SCRIBA TJ, TREURNICHT FK, ZEIER M, ENGELBRECHT S, JANSE VAN RENSBURG E. Characterization and phylogenetic analysis of South African HIV-1 subtype C accessory genes. *AIDS Research and Human Retroviruses* 2001; **17**(8): 775-781.
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2. DE VILLIERS T, SAMPSON C, ZUR MEGEDE J, BARNETT S, ENGELBRECHT S, JANSE VAN RENSBURG E. *Characterisation and phylogenetic analysis of the complete env and gag genes for HIV-1 subtype C isolates from South Africa*. AIDS Vaccine 2001. Philadelphia, USA, 2001.
3. ENGELBRECHT S, SAMPSON C, SMITH T, ZUR MEGEDE J, BARNETT S, JANSE VAN RENSBURG E. *Molecular characterization of HIV-1 subtypes B, C and D in the Western Cape Province, South Africa: 1984 – present*. 8th Annual HIV Dynamics and Evolution Meeting. France, 2001.
4. HAYES V, PETERSEN D, CASHMORE T, SCRIBA T, DONNINGER H, ZEIER M, VARDAS E, GRIMWOOD A, JANSE VAN RENSBURG E. *The genetics of susceptibility to HIV/AIDS: does Africa differ?* AIDS Vaccine 2001. Philadelphia, USA, 2001.
5. JOUBERT JJ, DE RYCKE PH, DOBBELAERE W, DE GREEF DC, HOSSEINIAN H, JACOBS FJ. *The possible role of Varroa Destructor in the transmission of Paenibacillus Larvae larvae spores*. Apimondia 2001 – XXXVII International Apicultural Congress (ICC). Durban, South Africa, 2001.
6. LIAN Y, SUN Y, LEUNG L, KAN E, FONG A, ENGELBRECHT S, TREURNICHT F, ZUR MEGEDE J, JANSE VAN RENSBURG E. *Engineered HIV-1 Subtype C Envelope Genes for Vaccine Applications*. Philadelphia, USA, 2001.
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10. TREURNICHT F, DE VILLIERS T, SCRIBA T, ZUR MEGEDE J, BARNETT S, ENGELBRECHT S, JANSE VAN RENSBURG E. *Full-length 5' LTRs and regulatory genes from South African HIV-1 subtype C strains*. AIDS Vaccine 2001. Philadelphia, USA, 2001.
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3. HAYES VM, ENGELBRECHT S, LATEN A, TREURNICHT FK, JANSE VAN RENSBURG E. *Denaturing gradient gel electrophoresis (DGGE) assay for genotyping of the Kaposi's Sarcoma-associated herpesvirus (KSHV): identification of novel variants*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
4. HAYES VM, PETERSEN DC, CASHMORE T, DONNINGER H, VARDAS E, GRAY G, ZEIER MD, GRIMWOOD A, McINTYRE J, JANSE VAN RENSBURG E. *The genetics of susceptibility to HIV/AIDS: how does Africa differ?* 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
5. JANSE VAN RENSBURG E. *Development of HIV-1 subtype C vaccine for South Africa*. The Biotechnology Conference. Johannesburg, 2001.
6. JANSE VAN RENSBURG E. *Prospects for HIV vaccine for South Africa*. Joint Congress: HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually

Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.

7. JANSE VAN RENSBURG E, BARNETT S, ZUR MEGEDE J, TREURNICHT F, SMITH T-L, SAMPSON C, DE VILLIERS T, SCRIBA T, LOXTON A, COULSON G, CLAASSEN M, VAN ZYL GU, ROBSON B, CASHMORE T, LATEN A, PETERSEN D, HAYES V, LE GRANGE D, PIRONCHEVA G, VAN ZYL WH, ENGELBRECHT S. *Ontwikkeling van 'n HIV-1 sub tipe C entstof vir Suid-Afrika*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
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9. JOUBERT JJ, DE RYCKE PH, DOBBELAERE W, DE GRAAF DC, HOSSEINIANA H, JACOBS FJ. *Varroa jacobsoni as a possible mechanical vector for Paenibacillus larvae larvae pathogenic to Apis mellifera*. Parasitological Society of Southern Africa. Bloemfontein, 2001.
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11. PETERSEN DC, JANSE VAN RENSBURG E, HAYES VM. *The role of the chemokine and chemokine receptors in host susceptibility to HIV/AIDS: novel findings*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
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14. VAN ZYL GU, ENGELBRECHT S, WILSDORF L, JANSE VAN RENSBURG E. *PTH10 Early diagnosis of HIV in children of HIV-positive mothers with real-time PCR*. HIV Clinicians, Infectious Diseases, Infection Control, Travel Medicine, Sexually Transmitted Diseases Societies and Veterinary and Human Public Health. Stellenbosch, 2001.

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1. CLAASSEN M. *Characterization of the pol gene of HIV-1 subtypes C and resistance mutations in the protease and reverse transcriptase genes in treated and untreated South African patients*. MSc Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.
2. COULSON GB. *Construction of a Chimeric Simian/Human Immunodeficiency virus (SHIV) utilizing a South African HIV-1 subtype C env gene*. MSc Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.
3. DE VILLIERS T. *Characterization and expression of the HIV-1 subtype C structural genes*. MSc Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.
4. LOXTON AG. *Investigating the neutralizing antibodies against primary HIV-1 subtype C isolates*. MSc Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.
5. PETERSEN DC. *The role of chemokine and chemokine receptor genes in genetic susceptibility to HIV-infection in South Africa*. MSc Studieleiers: Prof E Janse van Rensburg en dr VM Hayes.
6. SAMPSON CC. *The transfection and expression of HIV-1 subtype C gag genes in mammalian cells*. MSc Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.
7. SCRIBA TJ. *Expression of essential South African HIV-1 subtype C accessory genes in mammalian cells*. MSc Studieleier: Prof E Janse van Rensburg.

## HEMATOLOGIESE PATOLOGIE / HAEMATOLOGICAL PATHOLOGY

### Tydskrifartikels/Journal articles

1. ARMSTRONG GO, LAMBRECHTS MG, MANSVELT EPG, VAN VELDEN DP, PRETORIUS IS. Wine and health. *South African Journal of Science* 2001; **97**: 279-282.
2. BRACHER NA, LYONS CA, WESSELS G, MANSVELT E, COETZER TL. Band 3 Cape Town (E90K) causes severe hereditary spherocytosis in combination with Band 3 Prague. *British Journal of Haematology* 2001; **113**: 689-693.
3. CLOETE H, KLEINHANS W, MANSVELT EPG. ESR defeated? Can our conscience live with a converted ESR value or with converted clinicians? *Medical Technology SA* 2001; **15**(1): 333-335.
4. VAN RENSBURG SJ, POTOČNIK FCV, KISS T, HUGO F, VAN ZIJL P, MANSVELT E, CARSTENS ME, THEODOROU P, HURLY PR, EMSLEY RA, TALJAARD JJF. Serum concentrations of some metals and steroids in patients with chronic fatigue syndrome with reference to neurological and cognitive abnormalities. *Brain Research Bulletin* 2001; **55**(2): 319-325.
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### Verrigtinge internasionaal/Proceedings international

1. MANSVELT EPG, VAN VELDEN DP, FOURIE E, ROSSOUW M, VAN RENSBURG SJ, SMUTS M. *The in vivo antithrombotic effect of moderate and regular wine consumption on human blood platelets and haemostatic factors*. 26th World Congress and 81st Assembly of the International Office of Vineyards and Wine (OIV). Adelaide, Australië, 2001: 296-303.
2. VAN VELDEN DP, MANSVELT EPG, FOURIE E, ROSSOUW M, MARAIS AD. *The cardioprotective effect of wine on human blood chemistry*. 26th World Congress and 81st Assembly of the International Office of Vineyards and Wine (OIV). Adelaide, Australië, 2001: 370-374.

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1. MANSVELT EPG, VAN VELDEN DP, FOURIE E, ROSSOUW M, VAN RENSBURG SJ, SMUTS M. *The in vivo antithrombotic effect of wine consumption on human blood platelets and haemostatic factors*. Conference of the New York Academy of Sciences on Alcohol and Wine in Health and Disease. Palo Alto, Kalifornië, 2001.
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1. CLOETE H, KLEINHANS W, MANSVELT EPG. *ESR defeated: Can our conscience live with a converted ESR value or with converted clinicians?* 16de Nasionale Kongres van die Vereniging van Mediese Laboratorium Tegnoloë van Suid-Afrika. Midrand, 2001.

# SKOOL VIR GENEESKUNDE / SCHOOL OF MEDICINE

## ANESTESIOLOGIE / ANAESTHESIOLOGY

### Tydskrifartikels/Journal articles

1. VAN DER VYVER M, HARPEN S. Patient controlled epidural analgesia in labor. *Techniques in Regional Anesthesia and Pain Management* 2001; **5**: 14-17.

### Verrigtinge internasionaal/Proceedings international

1. VAN DER VYVER M, HARPEN S, JOSEPH G. *Patient controlled epidural analgesia as continuous infusion for labor pain: a meta analysis*. Society for Obstetric Anesthesia and Perinatology. San Diego, USA, 2001: A71.

### Verrigtinge nasionaal/Proceedings national

1. COETZEE JF. *Low flow anesthesia: theory and practice*. SASA Congress. Durban, 2001: 242.
2. COETZEE JF. *Monitoring depth of anesthesia with the EEG and auditory evoked potentials*. SASA Congress. Durban, 2001: 222.

### Referate nasionaal/Papers national

1. COETZEE AR. *Anesthesia and the patient with ischemic heart disease*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
2. COETZEE AR. *Anesthesia for patients with cardiac failure*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
3. COETZEE AR. *Applied coronary physiology*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
4. COETZEE AR. *The circulation: clinical approach and measurements*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
5. COETZEE AR. *Diastolic dysfunction*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
6. COETZEE AR. *Ischemic syndromes, hibernation and stunning*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
7. COETZEE AR. *Physiology: contraction-coupling and metabolism*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
8. COETZEE AR. *Physiology: mechanics*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
9. COETZEE AR. *Protection of the heart*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
10. COETZEE AR. *Sepsis and the heart*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
11. COETZEE JF. *Anesthetic drugs and the heart*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
12. CONRADIE S. *Preoperative evaluation and risk stratification*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
13. LE ROUX P. *Anesthesia and patients with valve lesions*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
14. LEVIN A. *Fibrinolysis and cardiopulmonary bypass*. College of Medicine State of the Art Refresher Course. Cape Town, 2001.
15. LEVIN A. *The pathophysiology of one lung anesthesia*. College of Medicine State of the Art Refresher Course. Cape Town, 2001.

16. LEVIN A. *The right ventricle*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
17. LOOTS H. *Eye blocks*. SASA Kongres. Durban, 2001.
18. LOOTS H. *Topical anesthesia – how far would it go*. SASA Kongres. Durban, 2001.
19. VAN DER MERWE W. *Electrophysiological basis for antiarrhythmic drugs*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.
20. VON DER HEYDEN C. *TEE: some examples*. The heart in anesthesia and intensive care. Sanlam Auditorium, 2001.

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

1. LE ROUX M. *The influence of different fresh gas flows on the consumption of sevoflurane*. MMed, 2001. 44 pp. Studieleier: Prof JF Coetzee.
2. NEUMEISTER G. *Pharmacokinetic interactions between propofol and alfentanil*. MMed, 2001. 46 pp. Studieleier: Prof JF Coetzee.
3. VAN SCHALKWYK H. *A comparison of the cardiovascular effects in childrens of sevoflurane and halothane inhalation induction with and without atropine*. MMed, 2001. 90 pp. Studieleier: Dr K Payne.

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

1. LEVIN A. *A study of right ventricular function during one lung anesthesia*. Promotor: Prof AR Coetzee.
2. SMITH J. *The comparison of synthetically reconstituted surfactants for replacement therapy. The development of a normal protein free synthetic surfactant*. Promotor: Prof AR Coetzee.

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

1. BOSMAN M. *Continuous positive airway pressure during cardiopulmonary bypass improved postoperative gas exchange*. MMed Studieleier: Prof AR Coetzee.
2. BRUWER D. *The effect of pre-induction lung volume recruitment on oxygen saturation during period of no ventilation at the time of induction*. MMed Studieleier: Dr K de la Porte.
3. COETZEE G. *Betra adrenergiese blokkade gedurende isgemie*. MMed Studieleier: Prof AR Coetzee.
4. CONRADIE D. *Hemodinamiese monitering van die kardiopulmonale respons tyds kroonaarchirurgie sonder die hulp van kardiopulmonale omleiding*. MMed Studieleier: Prof AR Coetzee.
5. DE WET H. *BIS monitering tydens opwarming van pasiënte*. MMed Studieleier: Prof AR Coetzee.
6. EATON L. *A comparative study of remifentanil and sufentanil using the Nico cardiac output monitor*. MMed Studieleier: Prof JF Coetzee.
7. JOLLANDS C. *Vergelyking van analgesie van kanale blokke en enkel blokke in klompvoete in jong kinders*. MMed Studieleier: Dr M Coetzer.
8. JONCK E. *Die insidensie van naarheid en braking met desfluraan*. MMed Studieleier: Prof JF Coetzee.
9. LEEUW GL. *Die EEG en sevofluraan tydens intubasie en velinsnyding*. MMed Studieleier: Prof JF Coetzee.
10. ROBSON B. *Relationships between fresh gas, inspired and exhaled sevoflurane partial pressures during low flow anesthesia*. MMed Studieleier: Prof JF Coetzee.
11. SCHMIDT L. *Adrenoreseptor respons op stimulantie by hipertensiewe gekontroleerde en ongekontroleerde hipertensie*. MMed Studieleier: Prof AR Coetzee.
12. VAN DER MERWE SW. *Alveolêre herwinning en stabilisasie: 'n Metode om intra en onmiddellik postop arteriële suurstof spanning te verbeter*. MMed Studieleier: Prof AR Coetzee.
13. 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.

## CHIRURGIE (ALGEMEEN) / SURGERY (GENERAL)

### Tydskrifartikels/Journal articles

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2. DU TOIT D, AAVIK E, TASKINEN E, MYBURGH E, AALTOLA E, AIMONEN M, AAVIK S, VAN WYK J, HAYRY P. Structure of carotid artery in baboon and rat and difference their response to endothelial denudation angioplasty. *Annals of Medicine* 2001; **33**(1): 63-78.
3. EDGE JM, SCHNEIDER JW, MOORE SW. Clinicopathological features of Meckel's diverticula in 32 patients, with emphasis on the presence of *Helicobacter pylori*. *South African Journal of Surgery* 2001; **38**(3): 80-81.
4. EDGE JM, VAN DER MERWE AE, PIEPER CH, BOUIC P. Clinical outcome of HIV positive patients with moderate to severe burns. *Burns* 2001; **27**: 111-114.
5. EDGE JM, VAN DER MERWE AE, PIEPER CH, BOUIC P. Clinical outcome of HIV positive patients with moderate to severe burns. *South African Journal of Surgery* 2001; **39**(3): 105.
6. JOHNSON G, MOORE W. Association of the HNK-1 epitope with the detergent-soluble G4 isoform in acetylcholinesterase from human neuroblastoma cells. *International Journal of Developmental Neuroscience* 2001; **11**(38, 35): 1-32.
7. JULIES MG, MOORE SW, KOTZE MJ, DU PLESSIS L. Novel RET mutations in Hirschprung's disease: patients from the diverse South African Population. *European Journal of Human Genetics* 2001; **9**: 419-423.
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### Verrigtinge internasionaal/Proceedings international

1. MOORE SW, APFFELSTAEDT J, JULIES M, VAN ASWEGEN L, KOTZE MJ. *Surgical decision making, genetic screening and Prophylactic thyroïdectomy in medullary carcinoma of the thyroid in children – a novel exon 18 ret mutation in exon 13 ret mutated familial medullary carcinoma*. International Society of Paediatric Oncology. SIOP XXXIII Meeting. Brisbane, Australia, 2001; *Medical & Pediatric Oncology* 2001; **37**(3): 341.
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### Verrigtinge nasionaal/Proceedings national

1. EDGE JM, VAN DER MERWE AE, PIEPER CH, BOUIC P. *Clinical outcome of HIV positive patients with moderate to severe burns*. 28th Meeting of the Surgical Research Society of Southern Africa. Cape Town, 2000; *South African Journal of Surgery* 2001; **39**(3): 105.

### Referate internasionaal/Papers international

1. DU TOIT DF. *Endovascular trauma*. Fifth Vascular Symposium. New York, USA, 2001.

### Referate nasionaal/Papers national

1. DU TOIT DF. *Endovascular trauma*. Vascular Association of Southern Africa Congress. Pilansberg, 2001.

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## DERMATOLOGIE / DERMATOLOGY

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### Verrigtinge internasionaal/Proceedings international

1. CILLIERS J. *Facies gladiatorum within a Western Cape regional dermatological setting.* *Journal of the European Academy of Dermatology* 2001; **15**(2): 298.

### Verrigtinge nasionaal/Proceedings national

1. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. *The role of occupational exposure on the development of latex hypersensitivity.* 16th Congress of the Society of Medical Laboratory Technologists of SA. Midrand, 2001: 71.

### Referate internasionaal/Papers international

1. JORDAAN HF, SCHNEIDER JW, DE JONG G, ABDULLAH EAK. *Congenital Dermatofibrosarcoma protuberans complicated by a fatal sarcoma: report of a case.* IX World Congress of Pediatric Dermatology. Cancun, Mexico, 2001.

### Referate nasionaal/Papers national

1. CILLIERS J. *Facies gladiatorum within a Western Cape regional dermatological setting.* SA Dermatologie Kongres. Sandton, Johannesburg, 2001.
2. CILLIERS J. *Update on skin tumours.* 3M. Cape Town, 2001.
3. CILLIERS J. *Facies gladiatorum within a Western Cape regional dermatological setting.* 45ste Akademiese Jaardag. Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
4. DE BEER C, CILLIERS J, TRUTER EJ, POTTER PC. *The role of occupational exposure in the development of latex hypersensitivity.* 16th National Medical Technology Congress. Johannesburg, 2001.
5. DE BEER. *Latex allergy and the healthcare profession.* Western Province Blood Transfusion service. CPD Meeting. Red Cross Children's Hospital, Cape Town, 2001.
6. JORDAAN HF. *Lupus erythematosus panniculitis: a report of two cases.* Congress of the Dermatological Society of South Africa, EGOLI 2001. Johannesburg, 2001.
7. STEYN I, HAUG PDH, CARR J, JORDAAN HF, WARNICH L. *Investigation of the possible influences of candidate modifier genes in the clinical expression of variegate porphyria (VP).* South African Society of Human Genetics Congress. Kruger National Park, 2001.
8. LOGHDEY MS, JORDAAN HF. *Sweet's Syndrome precipitated by radiotherapy: a report of two cases.* Congress of the Dermatological Society of South Africa, EGOLI 2001. Johannesburg, 2001.
9. JORDAAN HF. *CME Lecture.* Pediatric dermatology cases. Nelson R Mandela Medical School, 2001.
10. JORDAAN HF. *Skin signs of systemic disease.* Physicians' Refresher Course. Spier Estate, Stellenbosch, 2001.
11. JORDAAN HF. *Skin signs of systemic disease.* General Practitioner's Refresher Course. George, 2001.

12. JORDAAN HF. *CME Lecture*. Onychomycosis. Medicross, Kraaifontein, 2001.

### Magister afgehandel/Master's completed

1. LOUW JE. *Acne keliodalis. A clinical and histopathological study of 20 patients*. MMed, 2001. 34 pp. Studieleier: Prof HF Jordaan.

## INTERNE GENEESKUNDE / INTERNAL MEDICINE

### Tydskrifartikels/Journal articles

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3. BEALE MW. Pharmacology of antiretroviral therapy. *Continuing Medical Education* 2001; **19**: 729-736.
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6. BIHL G. Lupus in the intensive care unit. *Specialist Forum* 2001; **1**(4): 12-20.
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9. BIHL G, MEYERS AM. Recurrent renal stone – advantages in pathogenesis and clinical management. *Lancet* 2001; **358**: 651-656.
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12. CARR JA, MACKENZIE IR. Cortical lewy bodies for diagnosis. *Parkinsonism and Related Disorders* 2001; **8**(1): 63-65.
13. COHEN M, MARITZ F, GENSINI GF, DANCHIN N, TIMERMAN A, HUBER K, GURFINKEL EP, WHITE H, FOX KA, VITTORI L, LE-LOUER V, BIGONZ F. The TETAMI Trial: the safety and efficacy of subcutaneous enoxaparin versus intravenous unfractionated heparin and tirofiban versus placebo in the treatment of acute myocardial infarction for patients not thrombolysed: method and design. *Journal of Thrombosis and Thrombolysis* 2000; **10**: 241-246.
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15. DIACON AH, BOLLIGER CT. Functional evaluation before and after interventional bronchoscopy in patients with malignant central airway obstruction. *Monaldi Archives Chest Diseases* 2001; **56**(1): 67-73.
16. DIACON AH, BOLLIGER CT. Lignocaine for topical anaesthesia in transnasal bronchoscopy. *European Respiratory Topic* 2001; **7**: 2 (editorial).
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19. HOUGH FS. The placebo arm of drug trials in patients with osteoporosis – is it ethically justifiable? *Journal of Endocrinology and Metabolism* 2001; **6**(2): 52 (editorial).
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24. MATTHEYSE FJ, VAN HEERDEN K, MATTHEYSE M, WILLIAMS Z, BOUIC P, VAN SCHALKWYK EM, BARDIN PG. Reduced activation of peripheral blood neutrophils after late phase asthmatic responses but not in mild stable asthma. *Respiration* 2001; **68**(5): 471-479.
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27. MOOSA MR, WALELE AA, DAAR AS. Renal transplantation in developing countries. *Kidney Transplantation* 2001: 659.
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### Referate internasionaal/Papers international

1. BIHL G. *Radiotracer assessment of haemodialyser function.* World Congress of Nephrology. San Francisco, USA, 2001.
2. BOLLIGER CT. *A 54-year old man with sudden onset of dyspnoea and haemoptysis. Grand round: oncology, surgery and interventional pulmonology.* ERS Congress. Berlin, 2001.
3. BOLLIGER CT. *Detection of early lung cancer: limits of established technologies.* European Endoscopy Forum (EEF) Bronchology. Faro, Portugal, 2001.
4. BOLLIGER CT. *Evaluation of operability and respectability after induction therapy for lung cancer: impact on lung function.* ERS Congress. Berlin, 2001.
5. BOLLIGER CT. *Functional evaluation before and after interventional bronchoscopy.* ERS Congress. Berlin, 2001.
6. BOLLIGER CT. *Functional evaluation before lung resection.* Meet-the-professor Seminar, ATS congress. San Francisco, USA, 2001.
7. BOLLIGER CT. *Management of the bronchopleural fistula.* Honour lecture VII International course on Interventional Bronchoscopy. Sitges, Spain, 2001.
8. BOLLIGER CT. *Preoperative assessment for thoracic and non-thoracic surgery: Role of pulmonary function tests and cardiopulmonary exercise testing.* CHEST 2001. Philadelphia, 2001.
9. BOLLIGER CT, GILLJAM H, LEBARGY F, VAN SPIEGEL PI, EDWARDS J, HIDER A, SWEET R. *Bupropion hydrochloride (Zyban™) is effective and well tolerated as an aid to smoking cessation – a multicountry study.* ERS Congress. Berlin, 2001.
10. CHERNEY DZI, DAVIDS MR, EDOUTE Y, HALPERIN ML. *Acute hyponatremia and 3,4-methylenedioxyamphetamine ("ecstasy"): beyond antidiuretic hormone (ADH).* World Congress of Nephrology. San Francisco, USA, 2001.
11. CHERNEY DZI, DAVIDS MR, EDOUTE Y, HALPERIN ML. *Acute hyponatremia and 3,4-methylenedioxyamphetamine ("ecstasy"): beyond antidiuretic hormone (ADH).* Canadian Society of Nephrology Annual Meeting. Vancouver, 2001.
12. DAVIDS MR, LIN SH, LIN YF, CHEEMA-DHADLI S, HALPERIN ML. *New insights into the pathogenesis of hypercalcemia and metabolic alkalosis.* Canadian Society of Nephrology Annual Meeting. Vancouver, 2001.
13. DAVIDS MR, LIN SH, LIN YF, CHEEMA-DHADLI S, HALPERIN ML. *New insights into the pathogenesis of hypercalcemia and metabolic alkalosis.* Division of Nephrology Research Day. University of Toronto, 2001.
14. DE VILLIERS JNP, DU PLESSIS L, CARR J, KOTZE MJ. *Analysis of the NRAMP1 gene implicated in iron transport in South African patients with multiple sclerosis.* World Congress on Iron Metabolism. Australia, 2001.
15. HULLEY PA, CONRADIE MM, ENGELBRECHT Y, TITUS CR, HOUGH FS. *Pathogenesis of steroid osteoporosis: role of tyrosine phosphatases.* 1st Joint Meeting of the International Bone and Mineral Society and the European Calcified Tissue Society, IBMS/ECTS. Madrid, Spain, 2000.
16. LIN SH, LIN YF, CHEEMA-DHADLI S, DAVIDS MR, HALPERIN ML. *New insights into the pathogenesis of hypercalcemia and metabolic alkalosis.* World Congress of Nephrology. San Francisco, 2001.
17. MEHTA HK, GOLDSTEIN MB, DAVIDS MR, FAUGHNAN M, HALPERIN ML. *Design of a test to detect carnitine deficiency.* Canadian Society of Nephrology Annual Meeting. Vancouver, 2001.
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## Referate nasionaal/Papers national

1. BIHL G. *Anaemia in renal transplant patients: an approach to management*. 19th Congress of the Southern African Transplantation Society. Thaba'nchu Sun, 2001.
2. BIHL G, MOOSA MR. *Outcome of kidney transplantation in patients with systemic lupus erythematosus*. 19th Congress of the Southern African Transplantation Society. Thaba'nchu Sun, 2001.
3. BOLLIGER CT. *Practical smoking cessation*. GP CPD. Johannesburg, 2001.
4. BOLLIGER CT. *Pre-operative assessment of patients for thoracic surgery*. Annual Congress of the SA Thoracic Society. Bloemfontein, 2001.
5. BOLLIGER CT. *Smoking cessation*. GP and Pharmacists CPD Programme. Pietermaritzburg, 2001.
6. BOLLIGER CT. *Smoking cessation*. GP and Pharmacists CPD Programme. Cape Town, 2001.
7. BOLLIGER CT. *Smoking cessation*. GP CPD Meeting. City Park Hospital, Cape Town, 2001.
8. BOLLIGER CT. *Smoking cessation*. GP CPD Programme. Constantiaberg Mediclinic, Cape Town, 2001.
9. BOLLIGER CT. *Smoking cessation*. GP CPD Programme. Durban, 2001.
10. BOLLIGER CT. *Smoking cessation*. KZN Managed Care Coalition CPD. Durban, 2001.
11. BOLLIGER CT. *Smoking cessation*. Physician's Refresher Course. Spier, Cape Town, 2001.
12. BOUWENS CSH, DE VILLIERS JNP, VAN RENSBURG SJ, MANSVELT EPG, TALJAARD JF, KOTZE MJ. *Haemochromatosis mutation analysis and clinical correlation in the elderly*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
13. BUTLER JT. *Familial seizures and a paroxysmal movement disorder*. South African Neurology Congress. Durban, 2001.
14. BUTLER JT, EASTMAN R. *Should a pilot fly a commercial aeroplane 7 years after a successful temporal lobectomy for epilepsy?* South African Neurology Congress. Durban, 2001.
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### Tydskrifartikels/Journal articles

1. MEYER D, MARITZ FJ, LIEBENBERG PH, PARKIN DP, BURGESS LJ. *Cortical opacities in the young patient – an indication for a lipogram?* *South African Medical Journal* 2001; **91**(6): 520-524.
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### Referate internasionaal/Papers international

1. MEYER D, LIEBENBERG PH, MARITZ FJ. *Abnormal serum lipid levels as a risk factor for the development of human lenticular opacification*. South African Society of Cataract and

Refractive Surgery (SASCERS) and International Intraocular Implant Society (IIIC) Congress. Cape Town, South Africa, 2001.

2. MEYER D, LIEBENBERG PH, MARITZ FJ. *Abnormal serum lipid levels as a risk factor for the development of human lenticular opacification*. Indian Intraocular Implant and Refractive Surgery Convention. Chennai, India, 2001.
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4. MEYER D, PARKIN DP. *N-Acetyl transferase 2 as enzyme system and its relation to human cataracts*. Indian Intraocular Implant and Refractive Surgery Convention. Chennai, India, 2001.

### Referate nasionaal/Papers national

1. AMOD RA , ZISKIND A. *Analysis of CSF results in patients with ocular syphilis*. Kongres van die Oftalmologiese Vereniging van Suid-Afrika. Port Elizabeth, 2001.

### Hoofstukke in boeke/Chapters in books

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### Doktoraal afgehandel/Doctoral completed

1. MEYER D. *A critical appraisal of the etiology of adult human lenticular opacification and an investigation into the role of metabolic factors in its pathogenesis*. PhD, 2001. 151 pp. Promotor: Dr DP Parkin.

## ORTOPEDIE / ORTHOPEDICS

### Verrigtinge nasionaal/Proceedings national

1. JOUBERT JD, WADE WJ. *Late proximal femoral reconstruction for severe slipped upper femoral epiphysis*. South African Orthopaedic Association Congress. Durban, 2001; *Journal of Bone and Joint Surgery* 2001; **83B**(Supplement I): 6.
2. LOURENS CPJ, VLOK GJ. *A review of sacral agenesis*. South African Orthopaedic Association Congress. Durban, 2001; *Journal of Bone and Joint Surgery* 2001; **83B**(Supplement I): 6.
3. NEWTON DA, MARAIS N. *Traumatic spinal cord injuries in Ankylosing Spondylitis*. South African Orthopaedic Association Congress. Durban, 2001; *Journal of Bone and Joint Surgery* 2001; **83B**(Supplement I): 6.
4. UYS JvN, DANEEL PJ, ERASMUS PJ, MORTEL H. *Scintigraphic bone homeostasis as a prognostic tool after high tibial osteotomy*. South African Orthopaedic Association Congress. Durban, 2001; *Journal of Bone and Joint Surgery* 2001; **83B**(Supplement I): 10.

### Referate nasionaal/Papers national

1. PRETORIUS SH, NEWTON D. *Hyperextension injuries of the cervical spine – is conservative treatment the best option?* South African Orthopaedic Association Congress. Sun City, 2001.

2. VLOK GJ. *Orthopaedics in the new millenium*. South African Orthopaedic Association Congress. Sun City, 2001.
3. WADE WJ. *Management modalities, applications for cerebral palsy*. South African Paediatric Orthopaedic Association Congress. Medunsa, 2001.
4. WADE WJ. Tendon achilles lengthening and evans calcaneus lengthening in the management of adolescent flat feet. South African Association of Foot Surgeons Congress. Cape Town, 2001.

### Magister afgehandel/Master's completed

1. BRUWER IS. *Metal on metal resurfacing of the hip*. MMed Studieleier/medestudieleier: Dr Hannah/dr Williams.
2. JOUBERT JD. Rekonstruktiewe osteotomie vir graad III geglyde proksimale femorale epifise. MMed Studieleier: Dr WJ Wade.
3. POLDERMAN PC. Compound diaphyseal fractures of the tibia – external fixation or intramedullary fixation: the Tygerberg experience. MMed Studieleier: Dr PJ Daneel.
4. SMIT AA. Intraoperative assessment of adequate correction of congenital talipes equinovarus perinavicular arthrography: an adjunct to accurate assessment. MMed Studieleier: Dr WJ Wade.

## PEDIATRIE EN KINDERGESONDHEID \ PAEDIATRICS AND CHILD HEALTH

### Tydskrifartikels/Journal articles

1. BRACHER NA, LYONS CA, WESSELS G, MANSVELD E, COETZER T. Band 3 Cape Town (E90K) causes severe hereditary spherocytosis in combination with band 3 Prague III. *British Journal of Haematology* 2001; **113**(3): 689-693.
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3. COTTON MF. The evaluation of fever in neonates, infants and children – a personal viewpoint. *MAN Epistola* 2001; **10**(1): 11-12.
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5. DONALD EA, BEYERS N, ZHANG L. The tuberculosis pandemic today: routes of transmission and new target groups. *Scandinavian Journal of Infectious Diseases* 2001; **33**: 9-12.
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7. DONALD PR, SIRGEL FA, VENTER A, SMIT E, PARKIN DP, VAN DE WAL BW, MITCHISON DA. The early bactericidal activity of amikacin in pulmonary tuberculosis. *International Journal of Tuberculous Lung Disease* 2001; **5**(6): 533-538.
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10. KEATING P, VAN DER MERWE P-L, SHIPTON S. Tricuspid atresia – profile and outcome. *Cardiovascular Journal of South Africa* 2001; **12**: 202-205.
11. KIRSTEN GF, BERGMAN NJ, HANN FM. Kangaroo mother care in the nursery. *Pediatric Clinics of North America* 2001; **48**(2): 443-452.

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17. RABIE H, PIEPER CH, ROBSON B, COTTON M. Postnatal zidovudine in prevention of vertical HIV-1 transmission in a service setting. *Journal of Tropical Pediatrics* 2001; **47**: 215-219.
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5. HESSELING A, GIE RP, SCHAAF HS, BEYERS N. A critical review of scoring systems used in the diagnosis of childhood tuberculosis. *International Journal of Tuberculous Lung Disease* 2001; **5**(11) (supplement 1): S212.
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1. COTTON MF. Diagnosis and monitoring in the treatment of infected individuals in resource-poor settings: adults and neonates. Workshop on the Family Clinic for HIV at Tygerberg Hospital. Bethesda, MD, 2001.

2. HESSELING PB. *Are serum bacterial DNA, Interleukin 6 (IL-6) and C-reactive protein measurements in children with a positive blood culture and pyrexia during cancer treatment helpful?* 33rd Meeting of the International Society of Paediatric Oncology. Brisbane, Australië, 2001.
3. HESSELING PB. *Bacterial DNA and Interleukin-6 in cancer children with a positive blood culture.* 23rd International Congress of Pediatrics. Beijing, China, 2001.

### Referate nasionaal/Papers national

1. BEYERS N. *The epidemiology of tuberculosis – lessons learnt from a high prevalence area.* The Annual Congress of the South African Thoracic Society. Bloemfontein, 2001.
2. DONALD PR. *Early bacteriocidal activity of anti-tuberculosis agents.* 4th Annual Astrazeneca Medical Research Day. MRC, Tygerberg, 2001.
3. DONALD PR. *Problems in the management of childhood tuberculosis.* The Annual Congress of the South African Thoracic Society. Bloemfontein, 2001.
4. GIE R. *Diagnostic issues in paediatric tuberculosis.* The Annual Congress of the South African Thoracic Society. Bloemfontein, 2001.
5. GIE RP. *Drug delivery devices for children.* Asthma for Africa Congress. Cape Town, 2001.
6. GIE RP. *Treating children with asthma.* Asthma for Africa Congress. Cape Town, 2001.
7. HESSELING PB, BOUIC P, WESSELS G, NEL E, LOXTON A. *Are serum bacterial DNA, interleukin 6 (IL-6) and C reactive protein measurements in children with a positive blood culture and dyrexia during cancer treatment helpful? The SACCSG Tumour Registry: data for 14 years.* SACCSG Workshop. Saldanha Bay, 2001.
8. KLING S. *Diet and asthma.* Asthma for Africa Congress. Cape Town, 2001.
9. KLING S. *Improving compliance.* Asthma for Africa Congress. Cape Town, 2001.
10. KLING S, GREENBLATT M. *Case studies.* Asthma for Africa Congress. Cape Town, 2001.
11. UYS R, WESSELS G, HESSELING PB. *A comparison of morbidity and outcome of children with B-cell lymphoma treated according to different protocols at a single institution. The SACCSG Tumour Registry: data for 14 years.* SACCSG Workshop. Saldanha Bay, 2001.
12. WESSELS G. *The need for change and adaptability.* Official Implementation of the Haemophilia Comprehensive Care Program in South Africa. Grootte Schuur Hospital, 2001.
13. WESSELS G, HESSELING PB, HARTLEY P, NAIDOO J, HADLEY L, KUBHEKA R, KRUGER M, POOLE J, WAINWRIGHT L, DE JAGER L, STONES D, COCKCROFT R, KARABUS C, COHN R, ROSSOUW R, RUDMAN D, DE MUELENAERE G AND R, DE TREVOU M, NEETHLING H, VISSER A, SITAS F. *The SACCSG Tumour Registry: data for 14 years.* SACCSG Workshop. Saldanha Bay, 2001.

### Hoofstukke in boeke/Chapters in books

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### Doktoraal lopend/Doctoral current

1. COTTON MF. *The relevance of apoptosis in the pathogenesis of human immunodeficiency virus-1 disease.* MD Promotor: Prof PJD Bouic.
2. PIEPER CH. *The development and evaluation of an outcome predictive score for a neonatal intensive care unit in South Africa.* MD Promotor/medepromotor: Prof PB Hesselning/prof B de Villiers.
3. SCHAAF HS. *Drug-resistant tuberculosis in children.* MD Promotor/medepromotor: Prof PR Donald/prof PB Hesselning.



4. SCHÖLVINCK L. *The influence of age on the cellular immune response in patients with tuberculosis and healthy controls*. MD Promotor/medepromotor (ekstern): Prof N Beyers/prof M Levin (Departement of Paediatrics, St Mary's Hospital, London).
5. SMITH J. *A comparison of synthetic surfactants. Subtitle: Evaluation of a novel surfactant (1,2-dipalmitoyl-sn-phosphatidylcholine and trehalose [C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>]) and comparison with other synthetic formulations*. MD Promotor/medepromotor: Prof AR Coetzee/prof PB Hesselting.

**PLASTIESE EN REKONSTRUKTIEWE CHIRURGIE  
(waarby ingesluit die Kraniofasiale Eenheid) /  
PLASTIC AND RECONSTRUCTIVE SURGERY  
(including the Cranio-facial Unit)**

**Referate internasionaal/Papers international**

1. KLEINTJES WG. *Craniofacial abnormalities in twins at the Tygerberg Craniofaical Unit*. Annual Congress of the Association of Plastic and Reconstructive Surgeons of South Africa. Sun City, Gauteng, South Africa, 2001.
2. ROUX VC. *Fronto-orbital fibrous dysplasia – the Tygerberg experience*. Annual Congress of the Association of Plastic and Reconstructive Surgeons of South Africa. Sun City, Gauteng, South Africa, 2001.
3. ZÜHLKE AE. *Surgical treatment of scaphocephaly*. Annual Congress of the Association of Plastic and Reconstructive Surgeons of South Africa. Sun City, Gauteng, South Africa, 2001.

**PSIGIATRIE / PSYCHIATRY**

**Tydskrifartikels/Journal articles**

1. ALLAN A, ROBERTS MC, ALLAN MM, PIENAAR WP, STEIN DJ. Intoxication, criminal offences and suicide attempts in a group of South African problem drinkers admitted for alcohol rehabilitation. *South African Medical Journal* 2001; **91**: 145-150.
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3. COETZER BR, STEIN DJ, DU TOIT PL. Executive function in traumatic brain injury and obsessive-compulsive disorder: an overlap? *Psychiatry and Clinical Neurosciences* 2001; **55**: 83-87.
4. DE VILLIERS N, SPANGENBERG JJ, THERON GH, HUGO FJ, EMSLEY RA, HEMP F. Psychometric tests for malingering in persons with a diagnosis of depression. *South African Journal of Psychology* 2001; **7**(4): 103-109.
5. DU TOIT L, VAN KRADENBURG J, NIEHAUS DJH, STEIN DJ. Characteristics and phenomenology of hair-pulling: an exploration of subtypes. *Comprehensive Psychiatry* 2001; **42**: 247-256.
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7. EMSLEY RA. Partial response to antipsychotic treatment – the patient with enduring symptoms. *Journal of Clinical Psychiatry* 1999; **60**(supplement 23): 10-13.
8. EMSLEY RA, NIEHAUS DJH, MBANGA NI, OOSTHUIZEN PP, STEIN DJ, MARITZ JS, PIMSTONE SN, HAYDEN MR, LAURENT C, DELEUZE J-F, MALLETT J. The factor

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  10. EMSLEY RA, RISPERIDONE GROUP. A double-blind, flexible dose comparative study of risperidone and haloperidol in first-episode schizophrenia and schizopreniform disorder. *Schizophrenia Bulletin* 1999; **25**: 721-729.
  11. FAINMAN D, TURTON P, HUGHES P, EVANS CDH. Incidence, correlates and predictors of post-traumatic stress disorder in the pregnancy after stillbirth. *British Journal of Psychiatry* 2001; **178**: 556-560.
  12. FOURIE JA, FLISHER AJ, EMSLEY RA, STEIN DJ. Psychiatric research in South Africa: a systematic review of Medline publications. *Curationis* 2001; **24**: 9-11.
  13. HARVEY BH, SCHEEPERS A, BRAND L, STEIN DJ. Chronic inositol increases striatal D<sub>2</sub> receptors but does not modify dexamphetamine-induced motor behaviour: relevance to obsessive-compulsive disorder. *Pharmacology, Biochemistry, and Behaviour* 2001; **68**: 245-253.
  14. HAWKRIDGE SM, BRUGGEMAN R, VAN DER LINDEN C, BUITELAAR JK, GERICKS GS, TEMLET JA. Risperidone versus pimozide in Tourette's disorder: a comparative double-blind parallel-group study. *Journal of Clinical Psychiatry* 2001; **61**(1): 50-56.
  15. HAWKRIDGE SM, STEIN DJ. The use of selective serotonin reuptake inhibitors in childhood and adolescence. *Journal of Depression and Anxiety* 2001; **4**: 6-20.
  16. HITZEROTH V, WESSELS C, OOSTHUIZEN PP, STEIN DJ. Muscle dysmorphia: a South African sample. *Psychiatry and Clinical Neurosciences* 2001; **55**: 521-523.
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  19. KAMINER D, STEIN DJ, MBANGA I, ZUNGU-DIRWAYI N. The truth and reconciliation commission (TRC) in South Africa: relation to psychiatric status and forgiveness among survivors of human rights abuses. *British Journal of Psychiatry* 2001; **178**: 373-377.
  20. KINNEAR C, NIEHAUS DJH, SEEDAT S, MOOLMAN-SMOOK JC, CORFIELD VA, MALHERBE G, POTGIETER A, LOMBARD C, STEIN DJ. Obsessive-compulsive disorder and a novel polymorphism adjacent to the estrogen response element (ERE 6) upstream from the COMT gene. *Psychiatric Genetics* 2001; **11**: 85-87.
  21. KRITZINGER PR, JORDAAN GP. Catatonia: an open prospective series with carbamazepine. *International Journal of Neuropsychopharmacology* 2001; **4**: 251-257.
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  26. OOSTHUIZEN PP. Who are we treating? *South African Journal of Psychiatry* 2001; **7**: 31-33 (editorial).

27. OOSTHUIZEN PP, EMSLEY RA. First-episode psychosis: lessons from 15 years of research. *Primary Care Psychiatry* 2001; **7**: 19-24.
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  13. STEIN DJ. *The cognitive-affective science of trauma and development*. Annual Conference of the American Psychiatric Association. New Orleans, 2001.
  14. STEIN DJ. *Cross-cultural issues and social anxiety*. World Congress of Biological Psychiatry. Berlin, 2001.
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  16. STEIN DJ. *The psychobiology of the unconscious*. Osterreichische Fesellschaft fur Verhaltenstherapie Conference on Das Unbewusste in der Verhaltenstherapie. Bad Aussee, 2001.
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1. CAREY P, STEIN DJ. *Trauma and post-traumatic stress disorder (PTSD) in an urban Xhosa primary care population in Khayelitsha: epidemiology, comorbidity and service use patterns*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2001.
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25. STEIN DJ. *A cognitive-affective perspective on trauma*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2001.
26. VAN RENSBURG SJ, BERMAN P, POTOČNIK FCV, MACGREGOR P, TALJAARD JJF. *Increased 5-sialo glycosylation of transferrin in patients with Alzheimer's disease compared with alcohol induced dementia and controls*. 14th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 2001.
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5. STEIN DJ. *False alarms! How to conquer the anxiety disorders*. MHIC, Cape Town, 2001: 144 pp.
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1. FINEBERG N, MARRAZITTI D, STEIN DJ. Preface. In: Fineberg N, Marrazitti D, Stein DJ, (eds). *Obsessive-Compulsive Disorders*. Martin Dunitz, London, 2001: xi.
2. GOODMAN WK, PRICE LH, STEIN DJ. Fluvoxamine in obsessive-compulsive disorder. In: Zohar J, Pato MT, (eds). *Current Concepts in Obsessive-Compulsive Disorder, Second Edition*. American Psychiatric Press, Washington, DC, 2001: 221-238.
3. KAMINER D, STEIN DJ, POTOČNIK FCV. Anxiety disorders in the elderly. In: Stein DJ, Hollander E, (eds). *Textbook of Anxiety Disorders*. American Psychiatric Press, Washington, DC, 2001.
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### **Magister afgehandel/Master's completed**

1. BRINK S. *The relationship between substance abuse and first episode psychosis*. MBA Studieleier: Dr PP Oosthuizen.
2. CAREY PD. *Trauma and posttraumatic stress disorder in an urban Xhosa primary care population in Khayelitsha, South Africa: epidemiology, co-morbidity and service use patterns*. MBA Studieleier: Prof DJ Stein.
3. JANSE VAN RENSBURG F. *The use and cost effectiveness of screening investigations in psychiatry*. MBA Studieleier: Dr G van der Linden.
4. KOEN L. *Violence in male patients with schizophrenia*. MBA Studieleier: Dr DJH Niehaus.
5. KRITZINGER PR. *Catatonia: an open prospective series with carbamazepine*. MBA Studieleier: Dr GP Jordaan.
6. MAYNE A. *Minor physical anomalies in schizophrenia in a South African population*. MBA Studieleier: Dr PP Oosthuizen.
7. MULLER JE. *Self-awareness influences self-reporting in individuals with traumatic brain injury*. MBA Studieleier: Dr FJ Hugo.
8. VAN DEN BERGH H. *Violence in the mentally ill and the influence of substance abuse; a retrospective forensic study*. MBA Studieleier: Dr FCV Potocnik.

## **RADIODIAGNOSE / RADIOLOGY**

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

1. SCHER AT. *An approach to pattern recognition of the cervical spine*. Pattern Recognition Refresher Course. Sarleh Dollie Radiography Training Centre, Tygerberg Hospital, 2001.
2. SCHER AT. *An approach to pattern recognition of the skull*. Pattern Recognition Refresher Course. Sarleh Dollie Radiography Training Centre, Tygerberg Hospital, 2001.



3. SCHER AT. *Pain in the back: contribution of the new imaging techniques*. Physicians Refresher Course. Spier Wine Estate, Stellenbosch, 2001.
4. SCHER AT. *Radiological examination of patients with suspected spinal injury – how many x-rays are enough*. 45th Academic Year Day, Faculty of Medicine, University of Stellenbosch. Tygerberg, 2001.
5. SCHER AT. *Sports injuries to the cervical spine and spinal cord*. 9th Biennial Congress of the South African Sports Medicine Association in conjunction with the South African Sports Imaging Congress. Ceasars Palace, Kempton Park, 2001.

## STRALINGSONKOLOGIE / RADIATION ONCOLOGY

### Tydskrifartikels/Journal articles

1. AKUDUGU JM, BOHM L. Micronuclei and apoptosis in glioma and neuroblastoma cell lines and the role of other lesions in the reconstruction of cellular radiosensitivity. *Radiation and Environmental Biophysics* 2001; **40**: 295-300.
2. AKUDUGU J, GÄDE G, BÖHM L. Cytotoxicity of azadirachtin in human glioblastoma cell lines. *Life Sciences* 2001; **68**: 1153-1160.
3. AKUDUGU JM, SLABBERT JP, SERAFIN A, BÖHM L. Frequency of radiation-induced micronuclei in neuronal cells does not correlate with clonogenic survival. *Radiation Research* 2000; **153**: 62-67.
4. BARNARDT P. Emesis: chemotherapy-induced nausea and vomiting. *Stellmed Artikel* 2001: 3 pp.
5. BARNARDT P. Issues surrounding the treatment of germ cell cancer on the testis. *Stellmed Artikel* 2001: 3 pp.
6. BARNARDT P. The late effects of cancer therapy. *Stellmed Artikel* 2001: 3 pp.
7. BARNARDT P. The treatment of aids-related Kaposi's Sarcoma. *Stellmed Artikel* 2001: 3 pp.
8. BARNARDT P. The treatment of aids-related lymphoma. *Stellmed Artikel* 2001: 3 pp.
9. BARNARDT P. Thrombosis and malignancy. *Stellmed Artikel* 2001: 3 pp.
10. BINDER A, SERAFIN A, BÖHM L. G2/M block abrogation drastically enhances the cytotoxicity of Daunorubicin, Melphalan and Cisplatin in TP53 mutant human tumour cells. *Radiation Research* 2000; **154**: 640-649.
11. BÖHM L. Mehr leistung durch privatisierung. *Laborjournal* 2001; **4**: 20-21.
12. GUEULETTE J, SLABBERT JP, BÖHM L, DE COSTER BM, ROSIER J, OCTAVE-PRIGNOT M, RUIFROK A, SCHREUDER AN, WAMBERSIE A, SCALLIET P, JONES DTL. Proton RBE for early intestinal tolerance in mice after fractionated irradiation. *Radiotherapy and Oncology* 2001; **61**: 177-184.
13. SERAFIN AM, BINDER AB, BÖHM L. Chemosensitivity of prostatic tumour cell lines under conditions of G2 block abrogation. *Urological Research* 2001; **29**: 221-227.
14. SMIT BJ. The explosion of indications for radiotherapy for benign and extra-cranial lesions. *Stellmed Artikel* 2001: 3 pp.
15. SMIT BJ. Morphine needs to be used liberally – in the right patients. *Stellmed Artikel* 2001: 3 pp.
16. VERNIMMEN FJ. Stereotactic radiosurgery: applications, techniques and future directions: Part I and II. *Stellmed Artikel* 2001: 8 pp.
17. VERNIMMEN FJ, HARRIS JK, WILSON JA, MELVILL R, SMIT BJ, SLABBERT JP. Stereotactic proton beam therapy of skull base meningiomas. *International Journal of Radiation, Oncology, Biology, Physics* 2001; **49**(1): 99-105.

### Referate internasionaal/Papers international

1. AKUDUGU JM, BÖHM L. *Dose response relationships of p(66/Be<sup>+</sup>) neutron and <sup>60</sup>Co  $\gamma$  induced micronuclei in human glioma and neuroblastoma cell lines*. 31st Annual Meeting of the European Society for Radiation Biology (ESRB). Dresden, Duitsland, 2001.

2. AKUDUGU JM, THERON T, BÖHM L. *Influence of DNA double-strand break repair on micronucleus yield in human glioblastoma cell lines*. DEGRO 2001. 7. Jahreskongress der Deutschen Gesellschaft für Radioonkologie. Hamburg, Duitsland, 2001.
3. BINDER A, BÖHM L. *G<sub>2</sub> block abrogation in irradiated tumour cell lines identified by histone H3 phosphorylation*. 31st Annual Meeting of the European Society for Radiation Biology (ESRB). Dresden, Duitsland, 2001.
4. BINDER A, BÖHM L. *Influence of irradiation and pentoxifylline on histone H3 phosphorylation in human tumour cell lines*. DEGRO 2001. 7. Jahreskongress der Deutschen Gesellschaft für Radioonkologie. Hamburg, Duitsland, 2001.
5. GHOORUN S. *Gamma camera specifications*. Quality Control of SPECT Systems Workshop. Morocco, 2001.
6. GHOORUN S. *Principles of QC and standards: performance characteristics and measurement*. Quality Control of SPECT Systems Workshop. Morocco, 2001.
7. GHOORUN S. *QC practices: related phantoms and radiation sources*. Quality Control of SPECT Systems Workshop. Morocco, 2001.
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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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## **SKOOL VIR MONDHEELKUNDE / SCHOOL OF DENTISTRY**

**KAAK, GESIG- EN MONDPATOLOGIE  
EN FORENSIESE WETENSKAPPE /  
MAXILLO-FACIAL AND ORAL PATHOLOGY  
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5. NORVAL EJG, THOMPSON IOC. Non-Hodgkin's lymphomas of Waldeyer's ring: a clinicopathological and immunological study of 64 cases in the Western Cape. *South African Dentistry Journal* 2001; **56**(11): 545-548.

### Verrigtinge internasionaal/Proceedings international

1. KRUGER HEC, JANSE VAN RENSBURG LJ, VAN DER WESTHUIJZEN AL, THOMPSON IOC. *Magnetic Resonance Imaging (MRI) in Burkitt's lymphoma*.



Proceedings of the 15th International Congress of Dento-Maxillofacial Radiology. Durban, Suid-Afrika, 2001: 111.

2. NORTJE CJ, KRUGER HEC, JANSE VAN RENSBURG LJ. *Advanced Imaging of Burkitt's Lymphoma: a report of a case*. Proceedings of the 13th International Congress of Dento-Maxillofacial Radiology. Glasgow, Skotland, 2001: 50.

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

1. NORTJE CJ. *Concepts of panoramic radiology*. Algemene Jaarvergadering van die Namibiese Tandheelkundige Vereniging. Imtu, Africa, 2001.
2. NORTJE CJ. *Concepts of panoramic radiology*. 15th International Conference on Oral and Maxillofacial Surgery. Durban, Suid-Afrika, 2001.
3. NORTJE CJ. *General principles of radiological interpretation of the maxillofacial region*. 15th International Conference on Oral and Maxillofacial Surgery. Durban, Suid-Afrika, 2001.
4. NORTJE CJ. *Principles of radiological interpretation of lesions of the maxillofacial region*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
5. NORTJE CJ. *The radiological interpretation of odontogenic cysts/tumours*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
6. NORTJE CJ. *The radiology of periapical lesions*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
7. NORTJE CJ. *Radiographic interpretation of the maxillofacial region*. Algemene Jaarvergadering van die Namibiese Tandheelkundige Vereniging. Imtu, Africa, 2001.
8. VAN RENSBURG JL. *Advanced imaging of the TM-joint*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
9. VAN RENSBURG LJ. *Applied anatomy of the deep face and jaws*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
10. VAN RENSBURG LJ. *Correlative imaging of the ameloblastoma*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
11. VAN RENSBURG LJ. *Correlative imaging of benign lesions of the jaws*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
12. VAN RENSBURG LJ. *Infections of the deep face and jaws*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.
13. VAN RENSBURG LJ. *Malignant lesions of the deep face and jaws*. 4th International Conference of the Brazilian Society of Maxillofacial Radiology. Goània, Brazil, 2001.

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

1. MURILLO JN DE ABREU Jnr. *Tuned Aperture Computed Tomography (TACT<sup>R</sup>): an investigation on the factors associated with its image quality for caries detection*. PhD, 2001. 120 pp. Promotor/medepromotor: Prof CJ Nortje/dr DA Tyndall.

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

1. HARRIS AMP. *Assessment of tooth movement in the maxilla during non extraction and premolar extraction treatment using digital recording of orthodontic model surface contours*. PhD Promotor: Prof CJ Nortje.
2. JANSE VAN RENSBURG LJ. *The application of advanced imaging techniques to the diagnosis and management of lesions of the jaws*. PhD Promotor: Prof CJ Nortje.
3. ONANONG CHAI-U-DOM. *Tuned Aperture Computed Tomography (TAC) 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. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. Polimerisasiekrimping by vier verskillende tipes tandheelkundige harse. *Suid-Afrikaanse Tandheelkundige Tydskrif* 2001; **56**(11): 513-516.
2. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ, VAN WYK KOTZE TJ, GROBLER-RABIE A. Mikrolekkasies by vier verskillende amalgaambindmiddels. *Suid-Afrikaanse Tandheelkundige Tydskrif* 2001; **56**(2): 64-70.
3. OBERHOLZER TG, ROSSOUW RJ. Unusual fracture of a mandibular second premolar: case report. *Quintessence International* 2001; **32**: 299-302.

### Verrigtinge nasionaal/Proceedings national

1. MOODLEY D, PATEL N, GROBLER SR, ROSSOUW RJ. *Evaluation of self etching/self priming dentine bonding agent. Journal of Dental Research* 2001; 80(4): 1370.
2. OBERHOLZER TG, ROSSOUW RJ, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents. Journal of Dental Research* 2001; 80(4): 1370.

**KAAK-, GESIG- EN MONDCHIRURGIE**  
**(waarby ingesluit die Afdelings Anesthesiologie en**  
**Kaak-, Gesig- en Mondchirurgie) /**  
**MAXILLO-FACIAL AND ORAL SURGERY**  
**(including the Divisions for Anesthesiology and**  
**Maxillo-facial and Oral Surgery)**

### Tydskrifartikels/Journal articles

1. PAYNE KA, ROELOFSE JA. Tramadol drops in children: analgesic efficacy, lack of respiratory effects and normal recovery times. *Journal of the Society for the Advancement of Anaesthesia in Dentistry* 2001; **18**(1): 35-37.

### Verrigtinge internasionaal/Proceedings international

1. MORTEL JA, GROTEPASS F. *The use of miniplates in the surgical closure of palatal fistulas*. 15th International Conference on Oral and Maxillofacial Surgery. Durban, South Africa, 2001; *International Journal of Oral and Maxillofacial Surgery* 2001; **30**(supplement A): S98.

### Referate internasionaal/Papers international

1. MORTEL JA, GROTEPASS F. *The use of miniplates in the surgical closure of palatal fistulas*. The Oral and Maxillofacial Congress. Durban, South Africa, 2001.
2. ROELOFSE JA, MORTEL JA. *Tramadol and mefenamic acid on postoperative pain, safety and clinical acceptability during third molar surgery*. Association of Dental Anaesthetists Summer Scientific Meeting. Stirling, Scotland, 2001.
3. HEYNS CF, NAUDÉ AM, VISSER AJ, MARAIS DC, STOPFORTH HB, STELLMACHER GA. *Prostate cancer detected by serum PSA and digital rectal examination in men of Caucasian, Black African and Mixed ancestry in the Western Cape Province, South Africa*. Congress of the American Urological Association. Anaheim, California, 2001.

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

1. SWART LC. *Non-hospitalised 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 postoperative pain in children*. MBA Promotor: Prof JA Roelofse.

## **KONSERVERENDE TANDHEELKUNDE / CONSERVATIVE DENTISTRY**

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

1. 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.

## **ENDODONSIE / ENDODONTICS**

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

1. LOUW NP, PAMEIJER CH; NORVAL G. *Histopathological evaluation of root canal sealer in subhuman primates*. 79th General Session of the International Association for Dental Research. Chiba, Japan, 2001.

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

1. SIDLEY CG. *Prevalence of tinnitus and hearing loss in south african dentists and an investigation into possible connections with noise levels and frequencies*. MScTandheelkWet Studieleier: Prof NP Louw.

## **PEDIATRIESE TANDHEELKUNDE / PAEDIATRIC DENTISTRY**

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

1. MOHAMED N. *A comparison of two liner materials for use in the ferric sulfate pulpotomy*. MScTandheelkWet Studieleier: Prof R Peters.

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

### **Tydskrifartikels/Journal articles**

1. FISHER JM, BASSON NJ, VAN ZYL AW. *Identification of Candida dubliniensis in HIV-positive South African population*. *Journal of the South African Dental Association* 2001; **56**(12): 599-601.

2. VAN ZYL AW, BOTHA PJ. The use of subepithelial connective tissue grafts in the treatment of marginal recession defects – a surgical approach. *Journal of the South African Dental Association* 2001; **56**(11): 540-543.

### Referate nasionaal/Papers national

1. VAN ZYL AW, FISHER JM, BASSON NJ. *Identification of candida dubliniensis in a HIV-positive South African population*. 45ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
2. VAN ZYL AW. *Implants and orthodontics*. Kongres van die Suid-Afrikaanse Vereniging van Ortodontiste. George, 2001.

### Magister lopend/Master's current

1. 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*. MScTandheelk Wet Studieleiers: Prof NJ Basson en prof AW van Zyl.

## ORTONDONSIE / ORTHODONTICS

### Tydskrifartikels/Journal articles

1. NORTJÉ CJ, HARRIS AMP, LACKOVIC KP, WOOD RE. Does the lead apron and collar always reduce patient dose? *Journal of the South African Dental Association* 2001; **56**: 502-504.

### Doktoraal lopend/Doctoral current

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

### Magister lopend/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. *The digital imaging and 3-dimensionally computerised storage of dental study models*. MSc Studieleiers: Prof AMP Harris en dr VP Joseph.
4. OKONG'O OLOO J. *Factors that influence patient compliance, and the effect of patient compliance on the success rates of orthodontic treatment in a general practice setting*. MSc Studieleiers: Prof AMP Harris en prof SR Grobler.
5. 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.

## PROSTODONSIE / PROSTHODONTICS

### Tydskrifartikels/Journal articles

1. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Polimerisasiekrimping by vier verskillende tipes tandheelkundige harse*. *Suid-Afrikaanse Tandheelkundige Tydskrif* 2001; **56**(11): 513-516.

2. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ, VAN WYK KOTZE TJ, GROBLER-RABIE A. Mikrolekkasies by vier verskillende amalgaambindmiddels. *Suid-Afrikaanse Tandheelkundige Tydskrif* 2001; **56**(2): 64-70.
3. OBERHOLZER TG, ROSSOUW RJ. Unusual fracture of a mandibular second premolar: case report. *Quintessence International* 2001; **32**: 299-302.

### Verrigtinge internasionaal/Proceedings international

1. MOODLEY D, PATEL N, GROBLER SR, ROSSOUW RJ. *Evaluation of self etching/self priming dentine bonding agent. Journal of Dental Research* 2001; **80**(4): 1370.
2. OBERHOLZER TG, ROSSOUW RJ, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents. Journal of Dental Research* 2001; **80**(4): 1370.
3. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage of four amalgam bonding agents. Journal of Dental Research* 2001; **80**(4): 1362.

### Referate nasionaal/Papers national

1. PATEL NM, YENGOPAL V, BREDEKAMP BP. *Survey of removable partial dentures produced by commercial dental laboratories. International Association of Dental Research (SA Division). Broederstroom, 2001.*

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

### Tydskrifartikels/Journal articles

1. BASSON NJ, TAIT CME. Effectiveness of three root canal medicaments to eliminate *Actinomyces israelii* from infected dentinal tubules *in vitro*. *South African Dental Journal* 2001; **56**(11): 499-501.
2. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. Polimerisasiekrimping by vier verskillende tipes tandheelkundige materiale. *South African Dental Journal* 2001; **56**(11): 513-516.
3. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ, VAN WYK KOTZE TJ, GROBLER-RABIE A. Mikrolekkasies van vier verskillende amalgaambindingsstelsels. *South African Dental Journal* 2001; **56**(2): 64-70.
4. OBERHOLZER TG, ROSSOUW RJ. Unusual fracture of a mandibular second premolar: a case report. *Quintessence International* 2001; **32**: 299-302.
5. ROSSOUW S. Die akkuraatheid en konsekwentheid van tandheelkundige intensiteitsmeters. *South African Dental Journal* 2001; **56**(11): 560-562.
6. THEUNISSEN F, GROBLER SR, GEDALIA I. The antifungal action of three South African honeys on *Candida albicans*. *Apidologie* 2001; **32**: 1-9.
7. THOMPSON IOC, VAN WYK CW, DARLING MR. Human vaginal epithelium and the epithelial lining of a cyst model constructed from it: a comparative light microscopic and electron microscopic study. *South African Dental Journal* 2001; **56**(11): 517-520.
8. VAN DER BIJL P, VAN EYK AD, VAN WYK CW, STANDER I. Diffusion of reduced arecoline and arecaidine through human vaginal and buccal mucosa. *Journal of Oral Pathology and Medicine* 2001; **30**: 200-205.
9. VAN WYK CW. Navorsing in die Fakulteit Tandheelkunde, nou Skool vir Mondheelkunde – 'n oorsig. *South African Dental Journal* 2001; **56**(11): 544-545.
10. VAN WYK CW, OLIVIER A, MARITZ JS. Cultured pulp fibroblasts: are they suitable for *in vitro* cytotoxicity testing? *Journal of Oral Pathology and Medicine* 2001; **30**: 168-177.
11. VAN WYK CW, STANDER I, VAN WYK I. The dental health of 12-year-old children whose diets include canned fruit from local factories: an added risk for caries? *South African Dental Journal* 2001; **56**(11): 533-536.

### Verrigtinge nasionaal/Proceedings national

1. BASSON NJ. *Growth parameters of Candida albicans and certain oral bacterial species.* *Journal of Dental Research* 2001; **80**(4): 1365.
2. MOODLEY D, PATEL N, GROBLER SR, ROSSOUW RJ. *Evaluation of self etching/self priming dentine bonding agent.* *Journal of Dental Research* 2001; **80**(4): 1370.
3. OBERHOLZER TG, GROBLER SR, ROSSOUW RJ. *Microleakage of four amalgam bonding agents.* *Journal of Dental Research* 2001; **80**(4): 1362.
4. OLIVIER A, VAN WYK CW. *The cytoskeleton of human dental pulp cells.* *Journal of Dental Research* 2001; **80**(4): 1367.
5. ROSSOUW RJ, OBERHOLZER TG, GROBLER SR. *Shear bond strength, microleakage and confocal studies of amalgam bonding agents.* *Journal of Dental Research* 2001; **80**(4): 1370.
6. SAAYMAN CM, GROBLER SR, ROSSOUW RJ, VAN WYK KOTZE TJ. *Microleakage and the effect of saliva contamination on a compomer.* *Journal of Dental Research* 2001; **80**(4): 1363.
7. STANDER IA, VAN WYK CW. *Is the DMFS always a more elucidating index than the DMFT index?* *Journal of Dental Research* 2001; **80**(4): 1365.
8. VAN WYK CW, DE WAAL J, STANDER I, VAN WYK I. *The oral mucosa of areca nut chewers in South Africa.* *Journal of Dental Research* 2001; **80**(4): 1364.
9. VAN WYK CW, VAN WYK I, STANDER I. *Dental health of pupils whose relatives work in canning factories.* *Journal of Dental Research* 2001; **80**(4): 1364.
10. VILJOEN K, VAN WYK CW. *Infection control in oral hygiene practice.* *Journal of Dental Research* 2001; **80**(4): 1364.

### Referate nasionaal/Papers national

1. OLIVIER A, VAN WYK CW, GROBLER SR. *Cytotoxicity assays-neutral red and tetrazolium: a comparison.* 35th Scientific Congress of the IADR (SA Division). Broederstroom, Gauteng, 2001.

### Magister afgehandel/Master's completed

1. WÜCHER M. *A clinical evaluation of a compomer, a composite and a compomer/composite ("sandwich") in class II restorations.* MSc, 2001. 56 pp. Studieleier: Prof SR Grobler.

### 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 lopend/Master's current

1. 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: Dr NJ Basson.
2. HASSAN F. *In vivo evaluation of the antibacterial activities of chlorhexidine, calcium hydroxide and iodine/potassium iodide as intracanal medicaments.* MSc Studieleier: Dr NJ Basson.
3. 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 Studieleier: Prof SR Grobler.

**SKOOL VIR PUBLIEKE EN PRIMÊRE  
GESONDHEIDSWETENSKAPPE /  
SCHOOL OF PUBLIC AND PRIMARY MEDICAL  
SCIENCES**

**GEMEENSKAPSTANDHEELKUNDE  
(waarby ingesluit die Afdelings Mondhigiëne en  
Voorkomende en Openbare Mondheelkunde) /  
COMMUNITY DENTISTRY  
(including the Divisions of Oral Hygiene and  
Preventive and Public Dentistry)**

**Tydskrifartikels/Journal articles**

1. AYO-YUSUF AO, NAIDOO S, CHIKTE UME. The role of primary schoolteachers in HIV prevention in South Africa. *South African Dental Journal* 2001; **56**: 596-598.
2. 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.
3. GACHIGO J, NAIDOO S. HIV/AIDS: knowledge attitude and behaviour among Kenyan dental practitioners. *South African Dental Journal* 2001; **56**: 587-591.
4. GROBLER SR, LOUW AJ, VAN WYK KOTZE TJ. Dental fluorosis and caries experience in relation to three different drinking water fluoride levels in South Africa. *International Journal of Paediatric Dentistry* 2001; **11**(5): 372-379.
5. NAIDOO S. Hepatitis C infection: an overview and implications for the oral health worker. *South African Dental Journal* 2001; **56**: 606-613.
6. NAIDOO S, CHIKTE UME, MOOLA H, STEYN K. Perceptions of oral health: the South African Demographic and Health Survey 1998. *South African Dental Journal* 2001; **56**: 505-510.
7. NAIDOO S, CHIKTE UME, SHEIHAM A. Prevalence and impact of pain in 8 year olds in the Western Cape. *South African Dental Journal* 2001; **56**: 521-523.
8. PURANWASI R, NAIDOO S. Benign mucous membrane pemphigoid: a case report. *South African Dental Journal* 2001; **56**: 554-556.
9. VAN WYK CW, DE KOK K. Infection control in South African oral hygiene practice. *South African Dental Journal* 2001; **56**(12): 584-587.
10. YENGOPAL V, NAIDOO S, CHIKTE UME. Infection control among dentists in Durban. *South African Dental Journal* 2001; **56**: 580-584.

**Verrigtinge nasionaal/Proceedings national**

1. AYO-YUSUF IJ, CHIKTE UME, NAIDOO S. *The role of primary schoolteachers in HIV prevention in South Africa*. 34th Scientific Congress of the International Association for Dental Research. Bellville 2001; *Journal of Dental Research* 2001; **80**(4): 1368.
2. CHIKTE UME, NAIDOO S, MOOLA H, STEYN K. *South African Demographic and Health Survey: oral health questionnaire*. 34th Scientific Congress of the International Association for Dental Research. Bellville 2001; *Journal of Dental Research* 2001; **80**(4): 1363.
3. LOUW AJ. *Effect of glass ionomer sealant on caries in erupting molars*. Proceedings of the 35th Annual Scientific Meeting of the International Association for Dental Research (South African Division). Johannesburg, 2001: abstract 54.

4. LOUW AJ, SARVAN I, CHIKTE UME. *Evaluation of Atraumatic Restorative Treatment (ART) and Minimal Intervention (MIT)*. 34th Scientific Congress of the International Association for Dental Research. Bellville 2001; *Journal of Dental Research* 2001; **80**(4): 1371.
5. NAIDOO S. *Hepatitis C infection: an overview and implications for the oral health worker*. Proceedings of the 35th Annual Scientific Meeting of the International Association for Dental Research (South African Division). Johannesburg, 2001: abstract 19.
6. NAIDOO S, CHIKTE UME. *Community dental service: the first year*. Proceedings of the 35th Annual Scientific Meeting of the International Association for Dental Research (South African Division). Johannesburg, 2001: abstract 19.
7. NAIDOO S, CHIKTE UME. *Prevalence of dental pain in 8-10 year olds in the Western Cape*. 34th Scientific Congress of the International Association for Dental Research. Bellville 2001; *Journal of Dental Research* 2001; **80**(4): 1363.
8. YENGOPAL V, NAIDOO S, CHIKTE UME. *Infection control among dentists in private practice in Durban, Kwazulu-Natal*. 34th Scientific Congress of the International Association for Dental Research. Bellville 2001; *Journal of Dental Research* 2001; **80**(4): 1364.

### **Boeke/Books**

1. NAIDOO S. *Common Oral Lesions in Adults and Children*. University of Stellenbosch, 2001. 18 pp.

### **Navorsingsverslag/Research report**

1. NAIDOO S, CHIKTE UME. *Community dental service: the first year*. Department of Health, 2001. 16 pp.

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

1. ALBOUGY HA. *A systematic review of the management of oral candidiasis in patients with HIV*. MScTandheelkWet, 2001. 86 pp. Studieleier: Prof S Naidoo.
2. AYO-YUSUF IJ. *The role of primary schoolteachers in HIV prevention in South Africa*. MScTandheelkWet, 2001. 86 pp. Studieleier: Prof S Naidoo.
3. GACHIGO J. *HIV/AIDS: knowledge attitude and behaviour among Kenyan dental practitioners*. MScTandheelkWet, 2001. 68 pp. Studieleier: Prof S Naidoo.

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

1. LOUW AJ. *Analysis of fluoride in the diet and bio-availability thereof*. PhD Promotor: Prof SR Grobler.
2. NAIDOO S. *Cranio-facial, oral and dental manifestations of the Fetal Alcohol Syndrome*. PhD Promotor: Prof WP Dreyer.

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

1. ADEDIGBA MA. *The cost of treatment of the oral manifestations of HIV-infection*. MScTandheelkWet Studieleier: Prof S Naidoo.
2. HOOZEER MA. *Oral health status of 12-year-old school children in Mauritius*. MScTandheelkWet Studieleier: Prof AJ Louw.
3. KABUE M. *Oral health status and oral hygiene practices among pregnant women attending the antenatal clinic at Mafeteng Hospital, Lesotho*. MScTandheelkWet Studieleier: Prof S Naidoo.
4. KAMIRU HN. *Patterns of oral mucosal lesions in HIV/AIDS patients at Queen Elizabeth II Hospital, Maseru, Lesotho*. MScTandheelkWet Studieleier: Prof S Naidoo.
5. NDILENGA RT. *Dental caries and oral hygiene among the pre-school children in the Oshana region – Namibia*. MScTandheelkWet Studieleier: Prof AJ Louw.



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

### Tydskrifartikels/Journal articles

1. ARMSTRONG GO, LAMBRECHTS MG, MANSVELT EPG, VAN VELDEN DP, PRETORIUS IS. Wine and health. *SA Journal of Science* 2001; **97**(7&8): 279-282.
2. DE VILLIERS PJT. 2001 – The state of family medicine in South Africa. *South African Family Practice* 2001; **23**(3): 2 (editorial).
3. DE VILLIERS PJT. Beyond WONCA 2001. *South African Family Practice* 2001; **23**(4): 2 (editorial).
4. DE VILLIERS PJT. Seksuele disfunksie – 'n ernstige gesondheidsprobleem. *Tygerland* 2001; **June/July**: 24-25.
5. DE VILLIERS PJT. Supersession – superfluous for super-docs? *South African Family Practice* 2001; **23**(1): 2 (editorial).
6. DE VILLIERS PJT. To be or not to be (independent). *South African Family Practice* 2001; **23**(6): 2 (editorial).
7. DE VILLIERS PJT. WONCA Congress (13-17May). A 2001 Family Medicine Odyssey! *South African Family Practice* 2001; **23**(2): 3 (editorial).
8. MASH B. Development of the programme “Mental Disorders in Primary Care” as internet-based distance education in South Africa. *Medical Education* 2001; **35**(10): 996-999.
9. MASH B, BHEEKIE A, JONES P. Inhaled versus oral steroids in adults with chronic asthma: a systematic review of therapeutic equivalence. *South African Family Practice* 2001; **23**(1): 8-17.
10. MASH B, MEULENBERG-BUSKENS I. “Holding it lightly”: the co-operative inquiry group: a method for developing educational materials. *Medical Education* 2001; **35**(12): 1093-1114.
11. VAN DER VYFER JD, DE VILLIERS PJT. Where have all the doctors gone? *Tygerland* 2001; **June/July**: 9-11.
12. VAN VELDEN DP. The cholesterol controversy. *South African Family Practice* 2001; **23**(5): 12-15.
13. VAN VELDEN DP. A holistic approach to cardiovascular disease. *South African Family Practice* 2001; **23**(5): 2 (editorial).

### Referate internasionaal/Papers international

1. BRESSICK G, DE VILLIERS M. *The nominal group technique (NGT) and family practice research*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
2. DE VILLIERS MR, BRESSICK G. *The use of the nominal group technique in the evaluation of a small interactive group-based CPD programme and the comparison of participant and facilitator responses*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
3. DE VILLIERS MR, GOVENDER SC, DE VRIES EM. “Doctor, there is no food at home” – a workshop on experiences in providing health care to the poor. (Workshop) 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
4. DE VILLIERS PJT. *An epidemiological survey of male erectile dysfunction and its associated health factors, sociodemographic factors and health behaviour amongst primary health care seeking black and mixed race males in the Cape Town Metropolitan Area*. Quality of Life 2001, 3rd Congress of the African Society of Impotence Research. Stellenbosch, South Africa, 2001.
5. DE VILLIERS PJT. *WONCA editors' workshop – publishing in primary care: a workshop for authors and editors*. (Workshop) 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
6. DE VILLIERS PJT, DE KLERK H, ISAACS S. *An epidemiological survey of male erectile dysfunction and its associated health factors, sociodemographic factors and health behaviours amongst primary health care seeking black and mixed race males in the Cape*

- Town Metropolitan Area*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
7. DE VILLIERS PJT, PATHER MK. *STD surveillance in South African General Practice in 2000: a report by SASPREN*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  8. GEFFEN LN, PATHER MK. *SASPREN: injury surveillance in SA general practices in 2000*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  9. GEFFEN LN, PATHER MK. *South African Sentinel practitioners research network (SASPREN) surveillance during 1998 & 1999*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  10. JOHNSON FA, PATHER M. *Knowledge and awareness of HIV/Aids amongst students and traditional healers in the Fort Beaufort Area*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  11. MASH B. *The co-operative inquiry group : changing practice through participatory action research*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  12. MASH B. *Designing and adapting the internet based program "Mental Disorders in Primary Care" for South African general practitioners*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  13. MASH B, MEULENBERG-BUSKENS I. *Adapting the world health organisation's educational program "mental disorders in primary care" for South African general practice*. (Workshop) 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  14. MOODLEY K. *Family medicine – the leading edge: post-modern ethics for a post-modern discipline*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  15. MOODLEY K. *HIV Vaccine trial participation in the third world: an ethical assessment*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  16. MOODLEY K. *HIV/AIDS: an exploration of the etical issues*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  17. VAN DER BERG L, DE VILLIERS MR. *The continuing professional development habits of general practitioners in 19 Western Cape Towns in South Africa*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  18. VAN DER MERWE M, PATHER M. *A description of a malaria epidemic experienced at a rural hospital in South Africa*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.
  19. VAN VELDEN DP, MANSVELT EPG, FOURIE E. *The cardiovascular benefits of regular and moderate wine consumption*. 16th WONCA World Congress of Family Doctors. Durban, South Africa, 2001.

### Referate nasionaal/Papers national

1. BEKKER D. *Alcohol misuse in patients attending a defence force general medical clinic*. 45ste Akademiese Jaardag, Fakt Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
2. KAPP R. *Clinical nurse practitioners: help of hindrance to the doctors*. 45ste Akademiese Jaardag, Fakt Gesondheidswetenskappe, Universiteit van Stellenbosch. Tygerberg, 2001.
3. MASH B. *Developing distance education for rural doctors: a web-based masters degree in family medicine*. Rudasa Conference. Kathu, 2001.
4. MASH B. *Mental disorders in primary care: the development and evaluation of a web-based programme for general practitioners using participatory action research*. Conference on World-Wide Web Applications. Johannesburg, 2001.

### Hoofstukke in boeke/Chapters in books

1. DE VILLIERS M. The consultation – a different approach to the patient. Chapter 2. In: Mash B, (ed.). *Handbook of Family Medicine*. Oxford University Press, South Africa, 2000: 42-66.
2. MASH B. A different context of care. Chapter 1. In: Mash B, (ed.). *Handbook of Family Medicine*. Oxford University Press, South Africa, 2000: 13-42.

3. MASH B. Management skills in the consultation. In: Mash B, (ed.). *Handbook of Family Medicine*. Oxford University Press, South Africa, 2000: 150-161.
4. MOODLEY K. Family medicine ethics. In: Mash B, (ed.). *Handbook of Family Medicine*. Oxford University Press, South Africa, 2000: 293-320.
5. MOODLEY K. Medico-legal aspects of selected disciplines – Chapter 3: family medicine. In: Dada MA, McQuoid-Mason DJ, (eds). *Introduction to Medico-Legal Practice*. Butterworths, 2001: 55-62.
6. PATHER M. Continuing professional development. In: Mash B, (ed.). *Handbook of Family Medicine*. Oxford University Press, South Africa, 2000: 321 –344.

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

1. MASH R. *The development of distance education for general practitioners on common mental disorders through participatory action research*. PhD, 2001. 283 pp. Promotor/medepromotor: Prof PJT de Villiers/dr I Buskens (Research for the Future).

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

1. COETZÉ JP. *Kan die doopstokkie (Boehringer Leuco) gebruik word as 'n siftingstoets in kinders met vermoedelike meningitis*. MFamMed, 2001. 40 pp. Studieleier: Dr A Klop.
2. DE WET C. *The evaluation of antibiotic resistance of micro organisms cultured for microscopy and sensitivity at Eben Dönges Hospital*. MFamMed, 2001. 133 pp. Studieleier: Dr P van der Merwe.
3. LINDEQUE SC. *Voortgesette professionele ontwikkeling en die stedelike algemene praktisyn*. MFamMed cum laude, 2001. 57 pp. Studieleier: Prof MR de Villiers.
4. STANDER AM. *Die finansiële implikasies van 'n algemene mediese praktyk op die platteland in die huidige ekonomiese omstandighede (praktyk is dispenserend)*. MFamMed, 2001. 24 pp. Studieleiers: Prof WD van der Walt en dr M de Klerk.
5. VAN DER WESTHUIZEN C. *Hoe word 'n tuisblad ontwerp en vertoon in die kuberruimte (cyber space)?* MFamMed, 2001. 53 pp. Studieleier: Dr P Duminy.

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

1. DE VILLIERS MR. *The evaluation of the professional skills gap and course content development for postgraduate professional skills training for medical practitioners delivering District Hospital services*. PhD Promotor: Prof PJT de Villiers.

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

1. ABEL N. *Het die primêre gesondheidsorg pasiënte in Hermanus met hipertensie voldoende beheer oor hulle behandeling*. MFamMed Studieleier: Dr G Watermeyer.
2. APRIL J. *Counselling in family practice: do family practitioners feel adequately empowered with skills to counsel patients effectively in different clinical scenarios*. MFamMed Studieleier: Dr A Liddle.
3. BILA NCD. *Blood transfusion and related product versus Jehova's witness perception*. MFamMed Studieleier: Prof MR de Villiers.
4. BRITZ D. *The effectiveness of a anti-smoking intervention programme in a primary health care practice*. MFamMed Studieleier: Dr M Pather.
5. BURGER H. *The effectiveness of TB treatment in the Namaqualand District*. MFamMed Studieleier: Prof P de Villiers.
6. 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.
7. CHIBILITI S. *Why are women having termination of pregnancy – is it failed contraception, HIV, lack of support from partner, economic wordship or other reasons?* MFamMed Studieleier: Dr A Bawoodien.
8. CONRADIE H. *Die gebruik van alternatiewe geneeskunde deur pasiënte in die algemene praktyk in die Wellington area*. MFamMed Studieleier: Dr DP van Velden.

9. 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.
10. ESTERHUIZEN Z. *The evaluation of advantages of goats milk in children in a Worcester squatter camp.* MFamMed Studieleier: Dr P van der Merwe.
11. GEYSER E. *The evaluation of trauma patients presenting at Hottentots Holland Hospital.* MFamMed Studieleier: Dr H de Klerk.
12. GOEDHALS CA. *What criteria are currently being used by GP's and oncologists to refer patients to the West Coast Hospital?* MFamMed Studieleier: Dr B Mash.
13. GOVENDER S. *Would a three-stage assessment of patients presenting with acute coronary syndromes help with identifying psycosocial stressors.* MFamMed Studieleier: Dr D van Velden.
14. GROBBELAAR N. *Beskik en behou staatshospitale mediese beamptes met vaardighede om die kernpakket van dienste suksesvol te implimenteer.* MFamMed Studieleier: Prof M de Villiers.
15. HAGEMANN J. *Sal 'n asmvoorligtingsprogram soos aangebied deur 'n verpleegkundige "asma spesialis" in 'n buite-pasiënte afdeling van 'n distrik (sekondêre) hospitaal van waarde wees in terma van koste effektiwiteit en akute opnames.* MFamMed Studieleier: Dr D van Velden.
16. ISAACS A. *The psychological aspects of an unsuccessful resuscitation.* MFamMed Studieleier: Dr B Mash.
17. 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.
18. JASCHINSKI J. *Are students adequately trained at medical school to deal with work requirements at district hospitals.* MFamMed Studieleier: Prof M de Villiers.
19. JOSIAS J. *The evaluation of breast lumps in patients presenting at community health centres in the Cape Metropole.* MFamMed Studieleier: Dr M Pather.
20. KHARWA A. *The management of cancer patients, post diagnosis, at primary care level.* MFamMed Studieleier: Prof M de Villiers.
21. LE ROUX G. *Do doctor's practice what they preach with regards to unhealthy lifestyle issues namely, smoking, alcohol consumption, exercise, eating excessive red meat quantities.* MFamMed Studieleier: Dr A Klop.
22. LIPINSKI S. *To establish the incidence and prevalence of hypertension, CVA's and diabetes in our West African population in practice.* MFamMed Studieleier: Dr D van Velden.
23. LOGHDEY R. *Practice morbidity profile at the general practice.* MFamMed Studieleier: Prof P de Villiers.
24. MACKENZIE MA. *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.
25. MADIKIZA F. *The level of HIV/Aids awareness in a general practice of a black African community.* MFamMed Studieleier: Dr B Mash.
26. MARSZALEK J. *To assess the level of HIV related knowledge as well as high-risk behaviour and attitudes towards HIV in group of 13-20 years old seen and diagnosed at Dora Nginza Hospital, Port Elizabeth.* MFamMed Studieleier: Dr L van der Berg.
27. MPHATSOE D. *Increased rate of missed opportunities for cervical screening.* MFamMed Studieleier: Dr M Pather.
28. MUGERWA 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: Dr A Klop.
29. NICOLAAI N. *Incidence of abnormal cervical smears in sexually active female students at UWC.* MFamMed Studieleier: Dr M Pather.
30. NIZAMI T. *Poor compliance regarding use of inhaled steroids among adult asthmatics at a primary health care level.* MFamMed Studieleier: Dr B Mash.

31. PARKER H. *What is the cost of sick leave given to patients who present with illness in primary care setting to the Province and to the South African economy.* MFamMed Studieleier: Dr H de Klerk.
32. PETERS I. *What are the lifestyle habits of my patients and their basic state of health wellness, looking at the bio-psycho-social / mind-body-spirit aspects? Secondly, what avenues lie alternative practitioners and remedies are patients using to heal themselves in these various spheres?* MFamMed Studieleier: Dr DP van Velden.
33. 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.
34. SCHOEMAN S. *The clinical spectrum and financial burden of HIV infected children in a regional hospital in South Africa.* MFamMed Studieleier: Dr M Pather.
35. SETZER B. *What are the factors affecting teenage pregnancy in Ravensmead/Elsies River.* MFamMed Studieleier: Dr P Steyn.
36. 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: Prof P de Villiers.
37. SMIT T. *To do a research project on the epidemiology of the practice that I am working at.* MFamMed Studieleier: Prof PJT de Villiers.
38. SMITH D. *Om te bepaal of die modulêre MFamMed-kursus van die Universiteit van Stellenbosch voldoen aan die verwagtinge van die student.* MFamMed Studieleier: Prof M de Villiers.
39. STEYN F. *Evaluation of the full-time MFamMed course.* MFamMed Studieleier: Prof M de Villiers.
40. VAN NIEKERK P. *Morbiditeitsprofiel van praktyk.* MFamMed Studieleier: Prof PJT de Villiers.
41. 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 D van Velden.
42. VILJOEN W. *What is the chance of contracting a 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.

## VERPLEEGKUNDE / NURSING SCIENCE

### Referate nasionaal/Papers national

1. VAN DER WALT S. *Knowledge, attitudes, beliefs and practices of patients with tuberculosis in a rural setting in the Western Cape.* 9th International Congress: National Society of Community Nurses. Bloemfontein, 2001.

### Magister afgehandel/Master's completed

1. LUKOLO LN. *Adolescent sexual health in a selected region in Namibia.* MCur, 2001. 146 pp. Studieleier: Prof EB Welmann.
2. MOLOKO SS. *Nursing outcome standards for politrauma patients with traumatic brain injuries in the greater Mafeking region.* MCur, 2001. 120 pp. Studieleier: Dr TD van der Merwe.
3. UDJOMBALA HT. *Malaria in Namibia: a community study.* MCur, 2001. 124 pp. Studieleier: Prof EB Welmann.

**Magister Iopend/Master's current**

1. BARLOW H. *An evaluation of neonatal nursing care in selected hospitals in the Western Cape.* MCur Studieleier: Dr ME Bester.
2. BOSMAN AM. *Die ondersteuning van die gesin van die gestremde persoon: 'n verpleegkundige evaluasie.* MCur Studieleier: Prof EB Welmann.
3. BRODRICK AM. *The evaluation of the management of patients admitted for long-term psychiatric care in selected wards.* MCur Studieleier: Dr ME Bester.
4. DIKLOTLA NJ. *An evaluation of the nursing component of a selected primary health care service.* MCur Studieleier: Prof EB Welmann.
5. DLAMINI TP. *Evaluation of intrapartum care in referral hospitals in Swaziland.* MCur Studieleier: Dr ME Bester.
6. RAS PH. *Evaluering van verpleegsorg van chirurgiese pasiënte in geselekteerde militêre mediese dienspunte.* MCur Studieleier: Prof EB Welmann.
7. SEPTEMBER IP. *A clinical pathway for the nursing management of chronic diseases.* MCur Studieleier: Dr TD van der Merwe.
8. SMITH EM. *Knowledge, attitudes and beliefs of female students at Western Cape tertiary educational institutions toward HIV infection.* MCur Studieleier: Prof EB Welmann.
9. TWIGGE (née FABER) S. *'n Evaluasie van die rehabilitasie van pasiënte wat 'n koronêre vaatomleidingsoperasie gehad het in geselekteerde hospitale in die Vrystaat.* MCur Studieleier: Prof EB Welmann.
10. VAN DER WALT S. *Tuberkulose in 'n geselekteerde gemeenskap in die Wes-Kaap: 'n gemeenskapstudie.* MCur Studieleier: Prof EB Welmann.
11. VERSFELD PW. *Die omvang van teistering by verpleegkundiges in geselekteerde militêre mediese departemente.* MCur Studieleier: Prof EB Welmann.

## **NAVORSINGS- EN DIENSINSTANSIES / RESEARCH AND SERVICE BODIES**

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

**Tydskrifartikels/Journal articles**

1. FRIEG A, HENDRY JA. Disability profile of grant recipients in a semi-rural area in South Africa. *South African Journal of Physiotherapy* 2001; **57**(2): 23-27.
2. FRIEG A, HENDRY JA. Perceived needs of disability grant recipients in a semi-rural South African area. *Social Work/Maatskaplike Werk* 2001; **37**(4): 357-364.

**Referate nasionaal/Papers national**

1. BAKKES ES. *Ensuring successful community re-integration – a case study demonstrating the relevance of the Bobath approach with ICF and outcome-oriented rehabilitation.* National Congress of the South African Neurodevelopmental Association. Durban, 2001.
2. BAKKES ES. *These legs are made for walking. A plea for femoral stability in persons walking with above-knee prostheses.* Bi-Annual SAOPA Orthotic and Prosthetic Congress. George, 2001.
3. HENDRY JA. *An outcome-based approach to neuro-rehabilitation.* National Congress of the South African Neurodevelopmental Association. Durban, 2001.

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

1. BANDA M. *Community-based rehabilitation in Zambia: a descriptive study*. MScGeneeskWet Studieleier: Mej JA Hendry.
2. COETZEE C. *Motoriese ontwikkeling en self-konsep: 'n intervensie studie*. MPhil Studieleier: Mej JA Hendry.
3. DE BRUYN D. *A review of the rehabilitation process of 13-15 year old youths in conflict with the law, assessed at the Macassar Reception, Assessment and Referral Centre*. MPhil Studieleier: Mej JA Hendry.

<p style="text-align: center;"><b>TYGERBERG MEDIASENTRUM VIR GESONDHEIDSWETENSKAPPE (TMG) / TYGERBERG MEDIA CENTRE FOR HEALTH SCIENCES</b></p>
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### **Tydskrifartikels/Journal articles**

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  
MILITARY SCIENCE**



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

### Tydskrifartikels/Journal articles

1. KOTZE ME. The application of Super's theory in the military: culture and gender in the life roles of young professional officers. *Journal of Industrial Psychology* 2001; **27**(1): 47-53.

### Verrigtinge internasionaal/Proceedings international

1. DE KOCK FS, KOTZE ME. *The organisational commitment of SANDF personnel: an exploratory study at a headquarters unit*. Proceedings of the First International Conference on War and Society in Africa. Saldanha, South Africa, 2001: 17 pp. (CD-Rom).
2. VAN DYK GAJ. *Creative rescue: counselling and assistance for the children in our country*. Proceedings of the First International Conference on the Psychology of Education. UNISA, South Africa, 2001: 213-218.

### Referate internasionaal/Papers international

1. BRUWER N, KOTZE ME. *The relationship between spirituality and anxiety: the case of SA Military Academy undergraduate students*. First International Conference on War and Society in Africa. Saldanha, South Africa, 2001.
2. CILLIE M, KOTZE ME. *Gender perceptions of sexual harrassment: a case study of students at the SA Military Academy*. First International Conference on War and Society in Africa. Saldanha, South Africa, 2001.
3. MYBURGH C, KOTZE ME. *Optimism levels of the male leader group and men at 1 Parachute Battallion*. First International Conference on War and Society in Africa. Saldanha, South Africa, 2001.
4. REDELINGHUYS ME, KOTZE ME. *The subjective well-being and self-control of students at the SA Military Academy: a preliminary study*. First International Conference on War and Society in Africa. Saldanha, South Africa, 2001.

### Hoofstukke in boeke/Chapters in books

1. VAN DYK GAJ. Psychological debriefing: treatment of children as victims of violence in Africa. In: Tsala Tsala JP, (ed.). *Psychotherapies et cultures*. World Council for Psychotherapy, 2001: 193-210.

### Navorsingsverslae/Research reports

1. KOTZE ME. *Green steel: a new South African steel company's commitment to worker empowerment and sustainable environmental practices*. Concordia University, Montreal, Canada, 2001. 30 pp.
2. KOTZE ME. *Transformation and social responsibility: a case study from the South African wine industry*. Concordia University, Montreal, Canada, 2001. 41 pp.

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

### Referate nasionaal/Papers national

1. MCDERMOTT LS, ROHWER EG. *Effects of some experimental parameters in a linear time-of-flight mass spectrometer*. Jaarlikse Kongres van die Suid-Afrikaanse Instituut vir Fisika. Durban, 2001.

## KRYGSGESKIEDENIS / MILITARY HISTORY

### Tydskrifartikels/Journal articles

1. ELLIS JE. Pirow's five-year plan for the reorganisation of the Union Defence Force, 1933-1939. *Scientia Militaria* 2000; **30**(2): 221-236.
2. POTGIETER TD. Maritime Defence and the South African Navy, to the cancellation of the Simonstown Agreement. *Scientia Militaria* 2000; **30**(2): 159-182.
3. POTGIETER TD. Verdediging van die Kaap in 1795: vir Kroon of Patria? *Historia* 2001; **46**(1): 189-212.
4. VAN DER WAAG IJ. The Union Defence Force between the two World Wars, 1919-1939. *Scientia Militaria* 2000; **30**(2): 183-220.
5. VAN DER WAAG IJ. War, sex and politics: the South African medical section in Korea, 1950-1953. *Historia* 2001; **46**(1): 92-108.
6. VISSER GE. Neither Sandhurst, nor West Point: the South African Military Academy and its foreign role models. *Historia* 2001; **46**(2): 387-404.

### Verrigtinge internasionaal/Proceedings international

1. ELLIS JE. *Societal influences and their impact on pre-colonial Kikuyu warfare*. Proceedings of the International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001: 17 pp. (CD-Rom).
2. FOKKENS A, VISSER GE. *The role of the Union Defence Force in the suppression of the industrial unrest on the Rand, 1922*. Proceedings of the International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001: 23 pp. (CD-Rom).
3. NORTIER EW, POTGIETER TD, VAN DER WAAG IJ. *Salazar, the Estado Novo and Lusitanian Africa, 1926-1974*. Proceedings of the International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001: 24 pp. (CD-Rom).
4. VAN DER WAAG IJ. *Boer generalship and the politics of command*. Proceedings of the International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001: 17 pp. (CD-Rom).

### Referate internasionaal/Papers international

1. POTGIETER TD. *The geopolitical role of the South African Navy in the South African Region of influence since the Second World War*. XXVIIth International Congress of Military History on "Military Conflicts and 20th Century Geopolitics." Athens, Greece, 2001.
2. POTGIETER TD. *Maritime defence in Sub-Saharan Africa, 1497-1914*. International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001.
3. VISSER GE. *Marrying Sparta and Athens: the South African Military Academy and task-orientated junior officer development in peace and war*. International Conference on War and Society in Africa. Saldanha Bay, South Africa, 2001.

### Referate nasionaal/Papers national

1. VAN DER WAAG IJ. *Hugh Archibald Wyndham (1877-1963): his ancestry and family connections*. National Conference of the Genealogical Society of South Africa. Vanderbijl Park, South Africa, 2001.
2. VISSER GE. *Image and identity in military education: a perspective on the South African military academy*. Annual Congress of the South African Sociological Association. Pretoria, South Africa, 2001.

### Hoofstukke in boeke/Chapters in books

1. POTGIETER TD. Another apartheid dilemma: corvettes for the South African Navy. In: Eidelberg P, Shubin V, (eds). *Southern Africa on the Threshold of the Third Millennium*. Russian Academy of Sciences Institute for African Studies, 2001: 169-194.

**Magister Iopend/Master's current**

1. ELLIS JE. 'n Militêr-historiese vergelyking van die Voorkoloniale Basotho (Suid-Sotho) van Suidelike-Afrika en die Kikuyu van Kenia. MA cum laude, 2001. 154 pp. Studieleier/medestudieleier: Dr C Venter/dr GE Visser.

**Magister Iopend/Master's current**

1. FOKKENS A. The role and application of the Union Defence Force in the suppression of internal unrest, 1912-45. MMil Studieleier/medestudieleier: Dr GE Visser/dr WP Visser.

**MILITÊRE BESTUUR / MILITARY MANAGEMENT****Referate internasionaal/Papers international**

1. BESTER C, STRYDOM G. *The effect of the amalgamation of different logistics systems inside the GSB concept (RIP)*. War and Society Conference. Military Academy, Saldanha, South Africa, 2001.
2. PIENAAR GJ, STRYDOM G. The impact of TQM, which is in essence a decentralised concept, on the General Support Base concept (RIP). War and Society Conference. Military Academy, Saldanha, South Africa, 2001.
3. ROZYN S, STRYDOM G. The effect of the amalgamation of the SANDF logistic function, general support bases and the integration of best commercial logistic practices. War and Society Conference. Military Academy, Saldanha, South Africa, 2001.
4. STRYDOM G, PIENAAR WJ. *The development of logistics in the military*. War and Society Conference. Military Academy, Saldanha, South Africa, 2001.
5. WALTERS AN. *The mission statement: a management tool to get the SANDF focused in the 21st century*. War and Society Conference. Military Academy, Saldanha, South Africa, 2001.

**MILITÊRE GEOGRAFIE / MILITARY GEOGRAPHY****Referate internasionaal/Papers international**

1. JACOBS JA, SMIT HAP. *The topographic challenge of the South African National Defence Force*. Fourth Biennial International Conference of the Society of South African Geographers. Goudini, South Africa, 2001.
2. JACOBS JA, SMIT HAP, JANSE VAN RENSBURG HS. *Military geography in South Africa at the dawn of the 21st century*. Fourth Biennial International Conference of the Society of South African Geographers. Goudini, South Africa, 2001.
3. JACOBS JA, SMIT HAP, JANSE VAN RENSBURG HS, VAN DER WESTHUIZEN A. *Military geography in tertiary education*. Fourth Biennial International Conference of the Society of South African Geographers. Goudini, South Africa, 2001.
4. SMIT HAP, JACOBS JA. *The development of an environmental approach in the South African National Defence Force*. Fourth Biennial International Conference of the Society of South African Geographers. Goudini, South Africa, 2001.

**Referate nasionaal/Papers national**

1. SMIT HAP, JACOBS JA. *The environmental approach of the South African National Defence Force: from conservation to integrated environmental management*. War and Society in Africa Conference. Saldanha, 2001.

## MILITÊRE STRATEGIE / MILITARY STRATEGY

### Tydskrifartikels/Journal articles

1. ESTERHUYSE AJ. Die verdedigingsbeleid van die Sowjet Unie, met spesifieke verwysing na die verdedigingsbeleid van die Russiese Federasie in die Post-Koue Oorlog-era. [The defence policy of the Soviet Union with specific reference to the defence policy of the Russian Federation in the Post-Cold War-era.] *Joernaal vir Eietydse Geskiedenis* 2001; 26(1): 151-169.
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3. VREÏ F. Forewarned if forearmed: future research and military strategy. *Forsight: The Journal of Future Studies, Strategic Thinking and Policy* 2001; **3**(3): 205-218.
4. VREÏ F. Military futures of developing countries: images of alternative futures for the South African Military. *Strategic Review for Southern Africa* 2001; **XXIII**(2): 35-63.

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2. DANIELS PI, SNYMAN JJ. *Development and defence expenditure: the case of South Africa's Strategic Weapons Procurement Programme (SWPP)*. War and Society in African Conference. Military Academy, Saldanha, South Africa, 2001.
3. ERASMUS WD. *Character makes leaders: Horsemanship training and the development of junior officer leadership at the South African Military Academy*. War and Society in African Conference. Military Academy, Saldanha, South Africa, 2001.
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1. HAEFELE BW. Drug trafficking in South Africa: does the state have the capacity to counter this potential security threat? *Acta Criminologica* 2000; **13**(3): 105-115.
2. HEINECKEN LPT. Franke Volker. Adjusting to peace: military values in a cross-national comparison. *Armed Forces & Society* 2001; **27**(4): 567-595.
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5. NEETHLING TG. Book review: EG Berman and KE Sams. Peacekeeping in Africa: capabilities and culpabilities, 2000. *Politeia* 2001; **20**(1): 117-120.
6. NEETHLING TG. Brahimi report. *Conflict Trends* 2001; (1): 44-47.
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## AKADEMIESE STEUNDIENSTE / ACADEMIC SUPPORT SERVICES

### Referate internasionaal/Papers international

1. BOTHA HL. *An ecosystemic approach to promote academic success amongst first-year students at the University of Stellenbosch, South Africa: the Alpha programme*. Fourteenth International Conference on the First-Year Experience. Honolulu, Hawaii, 2001.

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1. VAN DER WALT C, MABULE DR. Language status and covert prestige in the code switching practices of Mathematics, Science and Biology teachers. *SAALT Journal for Language Teaching* 2001; **35**(4): 294-306.
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2. VAN DER WALT C. *How we talk about knowledge: globalization-speak in higher education*. International Conference on Globalisation and Higher Education. Cape Town, South Africa, 2001.
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