

**UNIVERSITEIT VAN STELLENBOSCH**

**UNIVERSITY OF STELLENBOSCH**

**NAVORSINGSVERSLAG**

**RESEARCH REPORT**

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## VOORWOORD

Die Navorsingsverslag van 2003 bied 'n omvattende rekord van die navorsingsuitsette wat aan die Universiteit gelewer is. Benewens hierdie oorkoepelende verslag oor 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 befondsingsgeleenthede 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.

Die toewyding en voortreflike bydraes van die US-personeel wat al die navorsingsuitsette moontlik maak, word ook met groot waardering erken.

Baie dankie aan die personeel van akademiese departemente vir die invoer van data in die stelsel, asook aan die personeellede 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.

Prof Piet Steyn  
Senior Direkteur: Navorsing

Julie 2005

## FOREWORD

The Research Report of 2003 provides a comprehensive record of the University's research outputs. In addition to this overall survey of research at the institution perspectives are provided 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, a variety of persons and organizations both inside and outside the University contributed to the University's research programme. 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 for research funding. This includes national and international opportunities alike. Stellenbosch University 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 provide assistance to researchers. These include 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.

We acknowledge the dedication and excellent contributions made by Stellenbosch University staff members to the research output with much appreciation.

Thanks are due to the staff of the academic departments for the input of data into the system, and to the staff members of the Division of Research Development involved in preparation of the Report.

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.

Prof Piet Steyn  
Senior Director: Research

July 2005

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## 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 verstrek; 'n vertaling van die benamings word verskaf aan die einde van die lys kategorieë.

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

1. **Tydskrifartikels/Journal articles:**  
 Vaktydskrifartikels  
 Research articles in journals  
 (Sluit in: navorsingsartikels, navorsingsbriewe en oorsigartikels in tydskrifte vir die vakspecialis 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:**
  - Magistertesisse (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 (currrent)

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. ANKER W. Wilma Stockenstrom, 'n Stamelende Dionusos. *Stilet* 2003; **XV**(2): 23.
2. DE STADLER LG. 'Paying too much': The cost of bad document design in internal communication. *Journal of Document Design* 2003; **4**(1): 42-47.
3. DE STADLER LG. The reader of the text: In the text? Creating personas for your readers. *Journal of Document Design* 2003; **4**(3): 207-211.
4. GOUWS RH. Aspekte van mikrostrukturele verskeidenheid en inkonsekwentheid. *Lexikos* 2003; **13**: 19.
5. MAVOUNGOU PA. Sociolinguistic and linguistic aspects of borrowing in Yilumbu. *South African Journal of African Languages* 2003; **22**(1): 18.
6. MAVOUNGOU PA, AFANE OTSAGA T, MIHINDOU GR. The reproduction of cultural aspects in dictionaries in French and the Gabonese languages. *Lexikos* 2003; **13**: 21.
7. SMUTS JP. Twee kersverhale van Henriette Grove. *Tydskrif vir Letterkunde* 2003; **40**: 12.
8. VAN DER MERWE GS. 'n Etimologiese perspektief op betekenisverandering in die Afrikaanse leksikon. *Literator* 2003; **24**(1): 22.
9. VAN ZYL DP. Perspektiewe op die 'ander' in *Pieterella van die Kaap* deur Dalene Mathee en *Eilande* deur Dan Sleigh. *Stilet* 2003; **XV**(2): 15.
10. VILJOEN L. Breyten en die vaders: perspektiewe op die rol van die vader in Breytenbach se vroeë poësie. *Stilet* 2003; **XV**(2): 25.
11. VILJOEN L. Die digter as reisiger: twee gedigsiklusse van Leipoldt en Krog. *Stilet* 2003; **15**(1): 21.
12. VILJOEN L. Nog 'n omdigting van Bybelse onthougoed. *Literator* 2003; **24**(3): 16.

**Referate internasionaal/Papers international**

1. GOUWS RH. *Language for general purposes and language for special purposes*. 6th International TAMA (Terminology in Advanced Management Applications) Conference. University of Pretoria, Pretoria, South Africa, 2003.
2. GOUWS RH. *Milestones in metalexigraphy*. XVII International Congress of Linguists. Charles University, Prague, Czech Republic, 2003.
3. GOUWS RH. *Outer texts in bilingual dictionaries*. African Association for Lexicography: Eighth International Conference on Lexicography. Universiteit van Namibië, Windhoek, Namibia, 2003.
4. LESCH H. "Vertaling as agent vir veeltaligheid". *Verslag oor vertaal- en tolkdienlewering in Wes-Kaap*. FIPLV International Congress. RAU, Johannesburg, South Africa, 2003.
5. VAN DER MERWE GS. *Een etymologisch perspectief met betrekking tot betekenisverandering in het Afrikaanse lexicon*. 15de Colloquium Neerlandicum. Rijksuniversiteit Gröningen, Groningen, Nederland, 2003.
6. VILJOEN L. *Forms of Autobiography: Karel Schoeman's autobiography as a comment on the South African context*. Conference of the African Literature Association. Alexandria, Egypt, 2003.

**Referate nasionaal/Papers national**

1. DE STADLER LG. *The relationship between personal values, author persona and reader persona in text evaluation*. Linguistekongres. RAU, Johannesburg, 2003.
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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. BRAND JE. *Labelling in translation dictionaries*. DLitt Promotor: Prof RH Gouws.
5. DUNN P. *Historiese representasie in negentiende-eeuse Nederlandstalige historiese geskiedwerke oor Suid-Afrika*. DLitt Promotor/medepromotor: Dr S Huigen/Prof AM Grundlingh.
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7. ELLA EM. *A theoretical model for a specialized Fang-French-English multivolume school dictionary*. DLitt Promotor: Prof RH Gouws.
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12. MUELLER W. *Die passiefkonstruksie as stylveranderlike in verskillende bedryfsteksgenres*. DLitt Promotor: Prof LG de Stadler.

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14. RETIEF R. *Die konstruksie van die vroulike subjek in die oevres van enkele Afrikaanse vrouedigters sedert 1970*. DLitt Promotor: Prof L Viljoen.
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16. SOAMI LS. *Towards the development of representative lexicographic databases for the Gabonese languages*. DLitt Promotor: Prof RH Gouws.
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19. VISAGIE A. *Manlike subjektiwiteit in die Afrikaanse prosa sedert tagtig*. DLitt Promotor: Prof L Viljoen.

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2. BAM G. *A corpus-based analysis of translational and non-translational texts in 'Die Burger'*. MPhil Studieleier: Dr AE Feinauer.
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8. COLVELL MH. *The presentation of meaning in dictionaries for multicultural and multilingual societies*. MA Studieleier: Prof RH Gouws.
9. CRAFTFORD R. *Vertalers en hulle hulpbronne*. MPhil Studieleier: Dr AE Feinauer.
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4. LOUW PH. *Annotating the AST Speech Databases: Practice makes Perfect*. HLT Workshop at the 12th International Conference of the African Languages Association of Southern Africa. University of Stellenbosch, Stellenbosch, South Africa, 2003.
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15. SATYO PN. *Persuasion in isiXhosa drama*. 4th World Congress of African Linguistics. Rutgers University, New Jersey, USA, 2003.
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3. JADEZWENI MW. *Praises of women in isiXhosa poetry*. DLitt Promotor: Prof NS Zulu.
4. LEDWABA LT. *The semantics of nominals in Sepedi*. DLitt Promotor/medepromotor: Prof JA du Plessis/prof MW Visser.
5. MATAMELA TA. *A syntactic and semantic analysis of the idiom in Tshivenda*. DLitt Promotor/medepromotor: Prof MW Visser/prof JA du Plessis.
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12. NAIDOO S. *Aspects of Zulu phonology: an application of Feature Geometry Theory*. DLitt Promotor: Prof JC Roux.
13. NDIINGA-KOUMBA BINZA H. *Phonetic and phonological aspects of the sound system of civili: an experimental approach*. DLitt Promotor: Prof JC Roux.
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2. GOKOOL R. *Principles of Task-based Course Design for a Zulu second language course on socialization for business people*. MA Studieleier: Prof MW Visser.
3. LUGALO NNV. *The pragmatics of Accounts in Xhosa communication*. MA Studieleier: Dr M Dlali.
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## ALGEMENE TAALWETENSKAP / LINGUISTICS

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1. ANTHONISSEN C. A critical analysis of reporting on the TRC discourses in *Die Kerkbode. Scriptura* 2003; **83**(2): 258-275.
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1. ANTHONISSEN C, GEORGE E. *Family languages: Bilingualism and language shift*. 21st World Congress of the World Federation of Modern Language Associations. RAU, Johannesburg, South Africa, 2003: CD-ROM.

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1. ANTHONISSEN C. *Managing cultural diversity: Shifting from bilingual to English-dominant identities?* 10th Nordic Network for Intercultural Communication (NIC) Symposium on Intercultural Communication. University of Gothenburg, Gothenburg, Sweden, 2003.
2. ANTHONISSEN C, GEORGE E. *Family languages: bilingualism and language shift*. 21st World Congress of the World Federation of Modern Language Associations (FIPLV). RAU, Johannesburg, South Africa, 2003.
3. BOTHA RP. *What are windows on language genesis and wherein lies their virtue?* Seminar on "Windows on Language Genesis", Netherlands Institute for Advanced Study. Wassenaar, Netherlands, 2003.

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

1. VAN DULM O. *Constraints on South African English-Afrikaans intrasentential code switching: a minimalist approach*. SAALA/LSSA Conference. RAU, Johannesburg, 2003.

### **Boeke/Books**

1. BOTHA RP. *Unravelling the evolution of language (Language & Communication Library, Volume 19)*. Elsevier, London, UK, 2003. 244 pp.

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

1. ANTHONISSEN C. Challenging media censoring: writing between the lines in the face of stringent restrictions. In: Benjamins J, (ed.). *Re/reading the past – critical and functional perspectives on time and value*. Amsterdam, Netherlands, 2003: 91-111.
2. ANTHONISSEN C. Interaction between visual and verbal communication: changing patterns in the printed media. In: Weiss G, Wodak R, (eds). *Critical discourse analysis: theory and interdisciplinarity*. Palgrave Macmillan, Basingstoke, UK, 2003: 297-311.

<b>ANTIEKE STUDIE / ANCIENT STUDIES</b>
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### **Tydskrifartikels/Journal articles**

1. BJARNASON P. Epicurus' second remedy: "Death is nothing to us". *Akroterion* 2003; **48**: 21-44.
2. CAMP CV. Over her dead body: the estranged woman and the price of the promised land. *Journal of Northwest Semitic Languages* 2003; **29**(2): 1-13.
3. CLAASSEN JM. The literature of the world englished. *Scholía* 2002; **11**: 117-121.
4. FLOOR S. From word order to theme in Biblical Hebrew narrative: some perspectives from information structure. *Journal for Semitics/Tydskrif vir Semitistiek* 2003; **12**(2): 197-236.
5. KONSTAN D. Translating ancient emotions. *Acta Classica* 2003; **46**: 5-19.
6. KRUGER PA. Ahab's "slowly" walking about: another look at 1 Kings 21:27b. *Journal of Northwest Semitic Languages* 2003; **29**(2): 133-142.
7. KRUGER PA. Emosies en die uitdrukking van emosies in die Ou Testament. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1-2): 89-100.
8. KRUGER PA. Die hemel vertel die eer van God: natuur, skriftuur en die bidder in Psalm 19. *Skrif en Kerk* 2002; **23**(1): 111-124.



9. MOOMO DO. Parameters of tense, aspect, and mood, and Biblical Hebrew: a model for determining tense, aspectual and modal languages. *Journal for Semitics/Tydskrif vir Semitistiek* 2003; **12**(1): 58-80.
10. POHLIG J. Cognition and Biblical documents: towards overcoming theoretical and methodological obstacles to recovering cultural worldviews. *Journal of Northwest Semitic Languages* 2003; **29**(1): 21-35.
11. RECHENMACHER J. 'yn and 'l in nominal clauses. *Journal of Northwest Semitic Languages* 2003; **29**(1): 67-85.
12. RECHENMACHER J. Wortfügungen in einer althebräischen Datenbank. Zu Wolfgang Richter's morphosyntaktischen Materialband ATSAT 53. *Revue Biblique* 2003; **110**: 161-166.
13. STIPP H-J. Bemerkungen zum griechischen Michabuch aus Anlass des deutschen LXX – Übersetzungsprojekts. *Journal of Northwest Semitic Languages* 2003; **29**(2): 103-132.
14. THOM JC. "The mind is its own place" – Defining the *topos*. *Novum Testamentum Supplements* 2003; **110**: 555-573.
15. THOM S. Satiric lyric? Horace *Odes* 3.7-12. *Akroterion* 2003; **48**: 59-68.
16. VAN DER MERWE CHJ. Some recent trends in Biblical Hebrew Linguistics: a few pointers towards a more comprehensive model of language use. *Hebrew Studies* 2003; **44**: 225-242.
17. VAN DER MERWE CHJ, BASSON CS. 'n Nuwe vertaling van die Bybel in Afrikaans: 'n teoretiese en praktiese oriëntering. (A new translation of the Bible in Afrikaans: a theoretical and practical orientation). *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3-4): 550-567.
18. VAN DER MERWE CHJ, TALSTRA E. Biblical Hebrew word order: the interface of Information structure and formal features. *Zeitschrift für Althebraistik* 2003; **15/16**: 68-107.
19. VAN SETERS J. The artistry of imitation as a means to the 'truth' in the story of David. *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2003; **16**(1): 113-124.
20. VAN STEENBERGEN GJ. Hebrew lexicography and worldview. *Journal for Semitics/Tydskrif vir Semitistiek* 2003; **12**(2): 268-313.
21. VAN STEKELENBURG AV. The Cape in Latin and Latin in the Cape in the 17th and 18th centuries. *Akroterion* 2003; **48**: 89-109.
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23. WENDLAND ER. Translation issues and the publication process. *The Bible Translator* 2003; **54**(1): 434-438.
24. WENDLAND ER. "Where in the world can *wisdom* be found?" (Job 28:12, 20). A textual and contextual survey of Job 28 in relation to its communicative setting, ancient (ANE) and modern (Africa) Part 1. *Journal for Semitics/Tydskrif vir Semitistiek* 2003; **12**(1): 1-33.
25. WENDLAND ER. "Where in the world can *wisdom* be found?" (Job 28:12, 20). A textual and contextual survey of Job 28 in relation to its communicative setting, ancient (ANE) and modern (Africa), Part 2. *Journal for Semitics/Tydskrif vir Semitistiek* 2003; **12**(2): 151-171.

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1. ANDERSEN FI, FORBES AD. *Attachment preferences in the primary history*. The Stellenbosch AIBI-6 Conference. Proceedings of the Association Internationale Bible et Informatique "From Alpha to Byte". University of Stellenbosch, Stellenbosch, South Africa, 2002: 167-186.
2. ANDERSEN FI, FORBES AD. *What kind of taxonomy is best for feeding into computer-assisted research into the syntax of a natural language?* The Stellenbosch AIBI-6 Conference. Proceedings of the Association Internationale Bible et Informatique "From Alpha to Byte". University of Stellenbosch, Stellenbosch, South Africa, 2002: 23-42.

3. COOK J. *Law and wisdom in the Dead Sea Scrolls with reference to Hellenistic Judaism*. Colloquium Biblicum Lovaniensia. Wisdom and apocalypticism in the Dead Sea Scrolls and in the biblical tradition. Leuven, Belgium, 2002: 323-342.
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5. NIKOLAENKO D. *Old church slavonic versions of the gospels. Computer-aided classification and the choice of variants*. The Stellenbosch AIBI-6 Conference. Proceedings of the Association Internationale Bible et Informatique "From Alpha to Byte". University of Stellenbosch, Stellenbosch, South Africa, 2002: 475-493.
6. SMELIK WF. *How to grow a tree. Computerised stemmatology and variant selection in targum studies*. The Stellenbosch AIBI-6 Conference. Proceedings of the Association Internationale Bible et Informatique "From Alpha to Byte". University of Stellenbosch, Stellenbosch, South Africa, 2002: 495-518.

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1. KOTZÉ A. *Carthage and Rome in the Confessions: Augustine's Manichean connections*. Pacific Rim Roman Literature Seminar. University of Stellenbosch, Stellenbosch, South Africa, 2003.
2. VAN DER MERWE CHJ. *A new translation of the Bible into Afrikaans. A theoretical and practical orientation*. Triennial Translators' Workshop of the United Bible Societies. Iguassu Falls, Brazil, 2003.
3. WENDLAND ER. *Bible translation – a lighthouse and a library for the promotion and preservation of language and 'literature' in Africa: the example of Chinyanja*. African Literature Association Annual Meeting – "Bible Translation: A Lighthouse and a Library for African Languages and Literature". Alexandria, Egypt, 2003.
4. WENDLAND ER. *Expressing some extra sap from a passage of scripture: aspects of porhetorical exegesis, with an application to Job 28:23-28*. Triennial Translation Workshop of the United Bible Societies. Iguassu Falls, Brazil, 2003.
5. WENDLAND ER. *Life-style bible translating: notes on preparing a literary functional equivalence version – with an application to the Song of Songs 8:5-7*. Bible Translation – 2003. Graduate Institute of Applied Linguistics, Dallas, USA, 2003.
6. ZIETSMAN JC. *Hammurabi speaks American: vicious dogs in legal codes from 2000 BC to 2000 AD*. Pacific Rim Roman Literature Seminar. University of Stellenbosch, Stellenbosch, South Africa, 2003.

### Referate nasionaal/Papers national

1. COOK J. *The translation of a translation: NETS – A new English translation of the Septuagint – some methodological considerations*. OTWSA. Universiteit van die Vrystaat, Bloemfontein, 2003.
2. CORNELIUS I. *Diversity in ancient Egyptian religion*. Diversity: Religions and the Study of Religion. Pretoria, 2003.
3. CORNELIUS I. *Prayers in clay. Terracottas as sources for the study of ancient Palestinian religion*. Southern African Society for Near Eastern Studies. Bloemfontein, 2003.
4. KOTZÉ A. *Allusion to Matthew 7:7 and the expression of protreptic purpose in Augustine's Confessions*. 25th Biennial Conference of the Classical Association of South Africa. University of Stellenbosch, Stellenbosch, 2003.
5. KRUGER PA. *Stereotyping is as old as humankind itself: the ancient Near East as an example*. Southern African Society for Near Eastern Studies, Bloemfontein, 2003.
6. THOM S. *Privileging perspective: Horace Odes 3.7 – 12*. 25th Biennial Conference of the Classical Association of South Africa. University of Stellenbosch, Stellenbosch, 2003.
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2. CORNELIUS I. Egyptianizing motifs in South African architecture. In: Humbert JM, Price C, (eds). *Imhotep today: Egyptianizing architecture*. University College London Press, London, UK, 2003: 247-255.
3. CORNELIUS I, BOSHOFF A. The Egyptian collection in Iziko Museums of Cape Town, South Africa. In: Eldamaty M, Trad M, (eds). *Egyptian Museum. Collections around the world: studies for the Centennial of the Egyptian Museum. Volume 1*. Supreme Council of Antiquities, American University in Cairo Press, Cairo, Egypt, 2002: 133-142.
4. STIPP H-J. Vom Heil zum Gericht – Die Selbstinterpretation Jesajas in der Denkschrift. In: Sedlmeier F, (red.). *Gottes Wege suchend*. Echter Verlag GmbH, Würzburg, Germany, 2003: 323-354.

## Doktoraal afgehandel/Doctoral completed

1. KOTZÉ A. *The protreptic-paraenetic purpose of Augustine's Confessions and its Manichean audience*. DLitt, 2003. 261 pp. Promotor: Prof JC Thom.

## Doktoraal lopend/Doctoral current

1. BASSON A. *Images of God in a selection Hebrew Bible Psalms of Lament*. DLitt 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. DALE LH. *The religious significance of the themes of animals and plants in early Zoroastrianism*. DPhil Promotor: Prof J Cook.
5. EVANS AC. *The connection between Jewish, Hellenistic and Egyptian (Coptic) views on the functioning of angels between c.250 BCE and c.250 CE*. DPhil Promotor/medepromotor: Prof J Cook/prof JC Thom.
6. FLOOR S. *From topic, focus and information structure to theme in Biblical Hebrew narrative and poetry*. DLitt Promotor: Prof CHJ van der Merwe.
7. GERBER MH. *The role of the Hasidim in the build-up to the Maccabean wars*. DPhil Promotor: Prof J Cook.
8. GREEFF J. *Die verhouding tussen vrouereligie en offisiële religie in Oud-Israel: 'n studie van 'n seleksie Bybels-Hebreeuse bronne van die eerste helfte van die eerste millennium v.C. [The relationship between woman's religion and official religion in ancient Israel: a study of a selection Hebrew Bible sources of the first half of the first millennium B.C.E.]*. DPhil Promotor: Prof PA Kruger.
9. GWALA M. *The reception of Gen 1-3 in Nguni culture*. DLitt Promotor: Prof I Cornelius.
10. IMBAYARWO T. *Biblical Hebrew dictionaries and current trends in theoretical lexicography*. DLitt Promotor: Prof CHJ van der Merwe.
11. KOTZE Z. *Emosies en emosionele ekspressie in die Hebreeuse Bybel. [The expression of emotions in the Hebrew Bible]*. DPhil Promotor: Prof PA Kruger.
12. KRITZINGER EM. *Die apokaliptiese oorlog tussen goed en kwaad in Zoroastriese-, Qumran- en vroeg Christelike geskrifte. [The apocalyptic war between good and evil in Zoroastrian-, Qumran- and early Christian writings]*. DPhil Promotor: Prof J Cook.
13. MOOMO DO. *The meaning of the Biblical Hebrew verbal conjugations from a cross-linguistic perspective*. DLitt Promotor: Prof CHJ van der Merwe.
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]*. DPhil Promotor: Prof J Cook.
17. 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 afgehandel/Master's completed**

1. BOTHA PD. *Essene sectarianism as a Judaic alternative to Pharisaism and Sadduceanism*. MPhil, 2003. 150 pp. Studieleier: Prof J Cook.
2. JACOBS-SMITH MW. *Die sosiale en religieuse rol van die vrou in Oud-Israel. [The social and religious role of women in the Ancient Israel]*. MA, 2003. 76 pp. Studieleier: Prof PA Kruger.
3. VON SOLMS CI. *Ingenuity's engine: an overview of the history and development of the concept of the muse*. MPhil, 2003. 185 pp. Studieleier: Dr S Thom.

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

1. BJARNASON P. *Philosophy of consolation: the Epicurean Tetracharmakos*. MPhil Studieleier: Prof JC Thom.
2. CONRADIE C. *An exploration of the relationship between myth and archetype in the myth of Demeter and Persephone*. MPhil Studieleier: Dr S Thom.
3. FOGARTY M. *Egyptian Christianity: an historical examination of the belief systems prevalent in Alexandria c. 100 BCE – 400 CE and their role in the shaping of early Christianity*. MPhil Studieleier: Prof J Cook.
4. ROBERTS JE. *The concept of God in Iamblichus and Augustine*. MA Studieleier: Prof JC Thom.
5. SWANEPOEL LC. *Die Aeneïs in illustrasie. Die evolusie van die 5de tot die 21ste eeu*. MA Studieleier/medestudieleier: Mev CA Malan/prof I Cornelius.
6. VAN ALTEN HH. *The Aorist and Imperfect tense in Acts*. MA Studieleier: Prof JC Thom JC.
7. VAN BEEK P. *Het Babel van haar tyd: Anna Maria van Schurman (1607-1678) en haar kennis van Oosterse tale. [The Babylon of her time: Anna Maria van Schurman (1607-1678) and her knowledge of ancient Near Eastern languages]*. MA Studieleier: Prof J Cook.

<b>BEELDENDE KUNSTE / FINE ARTS</b>
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### **Tydskrifartikels/Journal articles**

1. KANNEMEYER A. 1974. *Africa e Mediterraneo* 2003; **4/02** (42): 6.
2. KANNEMEYER A. Black. *Strapazin* 2003; (73): 6.
3. KANNEMEYER A. Die Taal. *Moga Moba* 2003; (88): 2.
4. KANNEMEYER A. True Love. *Moga Moba* 2003; (88): 1.
5. KLOPPER S. Coexistence. *Art South Africa* 2003; **2**(2): 3.
6. KLOPPER S. The postmodern context of rural craft production in contemporary South Africa. *The Future is Handmade: The Survival and Innovation of Crafts – Prince Claus Fund Journal* 2003; **5**(10A): 15.
7. VAN ROBBROECK L. Contact zones: colonial and contemporary. *Art South Africa* 2003; **2**(1): 2.

- VAN ROBBROECK L. Writing white on black: identity and difference in South African art writing of the twentieth century. *Third Text; Critical Perspectives on Contemporary Art and Culture* 2003; 17(2): 11.

### Referate internasionaal/Papers international

- KLOPPER S. *Civilized garments: missionary origins of traditionalist dress styles in South Africa*. Courtauld History of Dress Conference. Courtauld Institute, London, UK, 2003.
- KLOPPER S. *From Japan to Jamaica: reframing youth identities in contemporary South Africa*. Youth in Africa Conference, African Studies Association. Boston, USA, 2003.

### Referate nasionaal/Papers national

- BULL K. *Embedding and Embossing: extraordinary terrains in print*. 3rd Impact International Printmaking Conference. Michaelis School of Fine Art, Cape Town, 2003.
- KANNEMEYER A. *Form and content: current developments in comic art*. The Graphic Narrative in Southern Africa: Problems and Potentials. Technikon Witwatersrand, Johannesburg, 2003.
- KLOPPER S. *Plastic values: the art of contemporary traditionalists*. South African Association of Art Historians. Stellenbosch University Art Museum, Stellenbosch, 2003.
- VAN ROBBROECK L. *A tale of two nationisms: a comparative perspective on the role of visual culture in early Afrikaner and African nationalisms*. South African Association of Art Historians. Stellenbosch University Art Museum, Stellenbosch, 2003.

### Boeke/Books

- RAMSDEN N. *Friends for Life*. Heinemann, Oxford, UK, 2003. 16 pp.

### Hoofstukke in boeke/Chapters in books

- KLOPPER S. Global tourism, marginalised communities and the development of Cape Town's City Bowl area. In: *What holds us together: social cohesion in South Africa*. HSRC Press, Cape Town, South Africa, 2003: 18.

### Kreatiewe werk/Creative work

- ALBOROUGH AG. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch, Stellenbosch University Art Gallery, Stellenbosch, 2003.
- ALBOROUGH AG. *Iconography of the genome*. South African Museum, 2003.
- ALBOROUGH AG. *Invited Artist Programme Exhibition*. Sasol Art Museum, 2003.
- ALBOROUGH AG. Solo exhibition. *work[ing /in] pro[cess/gress]*. Sasol Art Museum, Stellenbosch, 2003.
- BOUMA P. *Friends for Life*. Oxford, UK, 2003.
- BOUMA P. Comic magazine. *My problems with words 1, 2 & 3*. Strip Show #1, Strip Art Project, Stellenbosch, 2003.
- BOUMA P. Group exhibition. *Captive audience*. Comix Galore. Art on Paper, Johannesburg, 2003.
- BOUMA P. Group exhibition. *Dislocated earth*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
- BOUMA P. Group exhibition. *Illustrations from Simon's story and Friends for life*. World Aids Day Event exhibition. SABC Recording Studios, Cape Town, 2003.
- BOUMA P. Group exhibition. *The guilty bystander*. Satirical Works. Evita se Perron, Darling, 2003.
- BRUNDRIT J. 2 person exhibition. *Remember me: private lives/public record*. Cinema Nouveau, Waterfront, Cape Town, 2003.
- BRUNDRIT J. Group exhibition. *I like the way you polish my 9mm*. Artwork in collaboration with Dorothee Kreutzfeldt. Castle of Good Hope, Cape Town, 2003.
- BRUNDRIT J. Group exhibition. *Making History (voortrekkernooientjies)*. Satirical Works. Elsie Balt Art Gallery, Evita se Perron, Darling, 2003.

14. BRUNDRIT J. Group exhibition. *Making History*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
15. BRUNDRIT J. Group exhibition. *Valued Families (1995)*. Literally and Figuratively: text and image in South African Art. Michael Stevenson Contemporary, Cape Town, 2003.
16. BULL K. Curated exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
17. BULL K. Group exhibition. *Unknown quantity*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
18. BULL K. Group exhibition. *Then & Now: South African prints before and after the demise of apartheid*. Iziko – South African National Gallery, Cape Town, 2003.
19. CAMPBELL KD. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
20. DIETRICH KH. Group exhibition. *A small miscalculation in Sir Francis Galton's eugenics theory*. New acquisitions, Friends of SANG. South African National Gallery, Cape Town, 2003.
21. DIETRICH KH. Group exhibition. *Horizons of Babel: Cape Columbine, Horizons of Babel: Hottentotsberg, Horizons of Babel: Anysberg*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
22. DIETRICH KH. Group exhibition. *Physiognomical identities*. Contact Zones: Colonial and Contemporary. Michael Stevenson's Contemporary, Cape Town, 2003.
23. DIETRICH KH. *Looking at art*. SASOL Art Museum, Stellenbosch University, Stellenbosch, 2003.
24. DIETRICH KH. *The South African photographs of Gustav Theodor Fritsch*. Department of Historical Studies, UCT, 2003.
25. DU PREEZ M. Group exhibition. *Links, regs, links*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
26. DU PREEZ M. Group exhibition. *Satirical Works*. Elsie Balt Art Gallery, Evita se Perron, Darling, 2003.
27. GUNTER E. Group exhibition. *Fetus*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
28. GUNTER E. Group exhibition. *Self*. Self portraits @ DCS. Durbanville Cultural Society, Rust en Vrede Gallery, Durbanville, 2003.
29. GUNTER E. Solo exhibition. *Leitmotif: Rou en bou*. Stellenbosch University Art Gallery, Stellenbosch, 2003.
30. HOFFMAN J. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
31. KADEN MJ. Group exhibition. *Satirical Works*. Elsie Balt Art Gallery, Evita se Perron, Darling, 2003.
32. KADEN MJ. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
33. KANNEMEYER A. Curator, group exhibition. *Comic Artists from South Africa and Reunion*. Art on Paper, Johannesburg, 2003.
34. KANNEMEYER A. Group exhibition. *Die hemel help ons 3; Verbrand jouself; Frikkadel 1; Frikkadel 2; Frikkadel 3; Piet en meisie; 1974 1; 1974 2*. Comic Artists from South Africa and Reunion. Art on Paper, Melville, Johannesburg, 2003.
35. KANNEMEYER A. Group exhibition. *Die Taal 1, Die Taal 2, Omslag Bitterkomix 13*. Satirical Works. Evita se Perron, Darling, 2003.
36. KANNEMEYER A. Group exhibition. *Extinction; Gathering evidence; Untitled 1, Untitled 2; Untitled 3*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
37. KANNEMEYER A. Group exhibition. *Nag van die wit skrik 1 & 2; Reverie 1 & 2 (four works)*. Bulles d'Afrique. Belgian Centre for Comic Strip Art, Brussels, Belgium, 2003.

38. KANNEMEYER A. Group exhibition. *Stem ANC; Hardebaard. Sex & Kultuur*. Community Arts Project, Cape Town, 2003.
39. KANNEMEYER A. Group exhibition. *1-8 (8 works)*. Teken. Art on Paper, Melville, Johannesburg, 2003.
40. KANNEMEYER A. *Iconoclasm and Bitterkomix*. Michaelis School of Fine Art, UCT, 2003.
41. KANNEMEYER A. *Indian Ocean Graphic Narrative collaboration Albin Michel Publishers*. Paris, France, 2003.
42. KANNEMEYER A. Published Graphic narrative. *Bitterkomix 12*. Art on Paper, Johannesburg, 2003.
43. KANNEMEYER A. Published Graphic narrative. *Frikkadel (3 pages); Bitterkomix 10 jaar (1 page); Hierdie lewe (6 pages); Piet en meisie (3 pages); Vroumens (1 page); Back cover*. Bitterkomix 12. Art on Paper, Johannesburg, 2003.
44. KANNEMEYER A. *Research for solo exhibition for Art on Paper Gallery*. Melville, Johannesburg, 2003.
45. KANNEMEYER A. Solo exhibition. *Bitterkomix*. Potchefstroom Aardklopfes, Potchefstroom, 2003.
46. KANNEMEYER A. *The state of South African Comics Public lecture*. Bulles d'Afrique (exhibition and symposium). Brussels, Belgium, 2003.
47. KLOPPER S. Group exhibition. *Monotype*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
48. STEYN JP. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
49. VAN DER MERWE VH. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
50. VAN EEDEN MS. Group exhibition. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.
51. VAN ROBBROECK L. Group exhibition. *Domestic bliss*. Print Works from the Department of Fine Arts, University of Stellenbosch. Stellenbosch University Art Gallery, Stellenbosch, 2003.

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

1. VAN ROBBROECK L. *Writing white on black: Modernity as discursive practice in art historical, art critical and anthropological writings on the art and material culture of 'black' South Africans*. DPhil Promotors: Proff FP Cilliers en S Klopper.

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

1. CONIDARIS M. *Contemporary South African printmaking: a study of the art form in relation to socio-economic conditions, with special reference to the Caversham Press*. MA (BK), 2003. 138 pp. Studieleier/medestudieleier: Prof KH Dietrich/dr M Arnold.
2. DE KOCK-WIESNER C. *Teken, landskap en kennis: 'n ondersoek na die rol van teken in Suid-Afrikaanse kuns*. MA (BK), 2003. 88 pp. Studieleier/medestudieleier: Prof KH Dietrich/mnr VH van der Merwe.
3. HARLEY L. *Op weg na 'n kontemporêre eko-estetiek*. MA (BK), 2003. 220 pp. Studieleier: Prof KH Dietrich.

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

1. BASSON FC. *To be looked at (from the other side of the glass) with one eye, close to, for almost an hour*. MA (BK) Studieleier/medestudieleier: Me MJ Kaden/me L van Robbroeck.
2. BOTHA N. *Children's response to post-modern picture books consciously constructed to engage and challenge reader-viewers*. MA (BK) Studieleier: Prof KH Dietrich.
3. CAMPBELL KD. *The tension in technology*. MA (BK) Studieleier/medestudieleier: Prof S Klopper/me J Brundrit.
4. DU PLESSIS C. *Reconstructing the conventions employed in comix and comix strips*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me P Bouma.

5. DU PLESSIS D. *An analytical approach to the form and content of South African comics*. MA (BK) Studieleier: Mnr A Kannemeyer.
6. DU PREEZ M. *'n Ondersoek na die verwantskap tussen juwelierskuns, die liggaam, identiteit en konsepsionele mode-ontwerp in Suid-Afrika*. MA (BK) Studieleier/medestudieleier: Mnr EM Cassar/prof S Klopper.
7. EMSLIE AL. *Word and image: the artist's book as a phenomenon of creative thinking*. MA (BK) Studieleier/medestudieleier: Prof S Klopper/prof KH Dietrich.
8. FOUCHÉ P. *Languor and the disembodied photograph: an investigation into the influence of the conflicts of queer activism and the implications of electronic manipulation on selected art practices*. MA (BK) Studieleier: Me J Brundrit.
9. GRINDROD J. *Art and psychoanalysis: the unconscious explored through visual images*. MA (BK) Studieleier: Me MJ Kaden.
10. GROBLER P. *The influence of globalisation on style in picture book illustration*. MA (BK) Studieleier/medestudieleier: Prof KH Dietrich/me P Bouma.
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15. LIGHART M. *The interaction between image and text in contemporary advertising in a poststructuralist society*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me MJ Kaden.
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18. SMUTS L. *Examining a sonar printout of the ocean floor as an example of a contemporary landscape image that prompts enquiry into inscription and dual perception*. MA (BK) Studieleier/medestudieleier: Me MJ Kaden/me K Bull.
19. SOUTHWOOD D. *Middelklas tydsgenote met soortgelyke sosiale en persoonlike ontmoetingspunte: Doreen Southwood in gesprek met Bridget Baker en Antoinette Murdoch*. MA (BK) Studieleier: Prof AG Alborough.
20. STEYN JP. *A study of the mother goddess archetype in traditional Indian jewellery and culture*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/mnr EM Cassar.
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22. TOLSON E. *Fantasy as postmodern cynicism: the construction and appropriation of forest imagery*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/me P Bouma.
23. VAN EEDEN MS. *Outside in/inside out: an investigation of the creation and transgression of boundaries*. MA (BK) Studieleier: Prof AG Alborough.
24. VAN STADEN L. *'n Ondersoek na geslagsroluitbeelding in ekonoklastiese stripverhale*. MA (BK) Studieleier: Mnr A Kannemeyer.
25. WOOD C. *Flesh for fantasy: Representations of women for women in popular culture*. MA (BK) Studieleier/medestudieleier: Me L van Robbroeck/prof KH Dietrich.



<b>DRAMA / DRAMA</b>
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**Tydskrifartikels/Journal articles**

1. DU PREEZ P, HAUPTFLEISCH T. Try for White – an introduction. *South African Theatre Journal* 2003; **17**: 3.
2. ERASMUS D. Performing the nation: the 5th Summer Graduate School Seminar and Workshop on African Theatre. *South African Theatre Journal* 2003; **17**: 5.
3. HAUPTFLEISCH T. The cultural bazaar: thoughts on festival culture after a visit to the 2003 Klein Karoo Nasionale Kunstefees (KKNK) in Oudtshoorn. *South African Theatre Journal* 2003; **17**: 17.
4. KRUGER MS. Pantomime in South Africa: the British tradition and the local flavour. *South African Theatre Journal* 2003; **17**: 23.

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1. ERASMUS D. *Theatre and tourism: an exploration of the uses of interactive theatre and community theatre*. 5th Summer Graduate School Seminar and Workshop on African Theatre. Chancellor College, University of Malawi, Zomba, Malawi, 2003.
2. ESTERHUIZEN JT. *Towards reconciliation in the arts and nation building in South Africa – a Western Cape perspective*. 5th Summer Graduate School Seminar and Workshop on African Theatre. Chancellor College, University of Malawi, Zomba, Malawi, 2003.

**Hoofstukke in boeke/Chapters in books**

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1. BASSON M, BOTHMA C, SNYMAN A. Play. *Koggelmanderman*. Klein Karoo Nasionale Kunstefees, ArtsCape, Aardklop, 2003.
2. BASSON M, KELLERMAN A. Play. *Mamma medea*. Klein Karoo Nasionale Kunstefees, Oudtshoorn, 2003.
3. DE VAAL F. Play. *Crossing*. Klein Libertas Teater, Stellenbosch, 2003.
4. DU PREEZ P. Play. *Die lang arm van die gereg*. Klein Karoo Nasionale Kunstefees, Oudtshoorn, 2003.
5. DU PREEZ P. Radio drama. *Mense van Sanlamsentrum, Parow*. KFM, Kaapstad, 2003.
6. KELLERMAN A. Play. *Tip*. Klein Karoo Nasionale Kunstefees, Oudtshoorn, 2003.
7. KELLERMAN A, BASSON M, SNYMAN A, BOTHMA C. Play. *Raaiselkind*. Klein Karoo Nasionale Kunstefees, Aardklop, Oudtshoorn en Potchefstroom, 2003.
8. KELLERMAN A, DE VAAL F. Play. *1975*. Klein Karoo Nasionale Kunstefees, Aardklop, Oudtshoorn en Potchefstroom, 2003.
9. KRUGER MS. Puppet play. *More tales from the calabash*. Variety of theatres in Canada, Turkey and South Africa, 2003.

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1. LITKIE CA. *Selected black Southern African dramatists. A study in cultural influences*. DPhil, 2003. 263 pp. Promotor: Prof T Hauptfleisch.

**Doktoraal lopend/Doctoral current**

1. ODHIAMBO CJ. *The state of theatre for development in Kenya. In search of an appropriate poetics*. DPhil Promotor: Prof T Hauptfleisch.
2. PIENAAR S. *The history of dance in South Africa*. DPhil Promotor: Prof T Hauptfleisch.

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1. BRAND A. *Die manifestasie van die konsep "gemeenskapsteater" in Suid-Afrika sedert 1994*. MDram, 2003. 153 pp. Studieleier: Dr MS Kruger.
2. DU PREEZ P. *Die toneelwerk van Breyten Breytenbach*. MDram, 2003. 178 pp. Studieleier: Prof T Hauptfleisch.
3. SKORDIS R. *Improvisation and playmaking: a look at some improvisation techniques and their applications during the directing process*. MDram, 2003. 127 pp. Studieleier: Prof T Hauptfleisch.

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1. ESTERHUIZEN JT. *Towards a realignment of theatre administration in the Western Cape – a theoretical-empirical study*. MDram Studieleier: Prof T Hauptfleisch.
2. HUISMANS A. *Die interaksie tussen teks en konteks in die teater*. MDram Studieleier: Prof T Hauptfleisch.
3. JAMES EM. *Theatrical elements in Xhosa traditional practices*. MDram Studieleier: Prof T Hauptfleisch.
4. WOOD M. *Educational uses of theatre*. MDram Studieleier: Dr MS Kruger.

## ENGELS / ENGLISH

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1. DISTILLER N. "This traitor king": Catholic treachery and black ambition in *The Battle of Alcazar*. *Southern African Journal of Medieval and Renaissance Studies* 2002; **11**: 26.
2. HALE F. Challenging the Swedish social welfare state: the case of Dwight David Eisenhower. *Swedish American Historical Quarterly* 2003; **14**(1): 16.
3. HALE F. English congregational responses to the Spanish Civil War. *The Journal of the United Reformed Church History Society* 2003; **7**(3): 13.
4. HALE F. The Great Trek as Exodus in JD Kestell's and N Hofmeyr's *De Voortrekkers, of Het Dagboek van Izak van der Merwe*. *Acta Theologica* 2003; **22**(1): 16.
5. HALE F. Heroism, tragedy and the failure of historicity in Anne de Villiers' *Die Wit Kraai*. *Canadian Journal of Netherlandic Studies/Revue Canadienne d'études Néerlandaises* 2003; **22**(1): 13.
6. HALE F. Komsja Prawdy i Pojednania w RPA – potencjalne i realne mozliwosci. Teori a rzeczywistosc. *Ius et Lex* 2003; **2**: 19.
7. HALE F. The millenarian meridian and cultural-religious conflict in Timothy Mofolorunso Aluko's *Kinsman and Foreman*. *Religion and Theology* 2003; **10**(1): 13.
8. HALE F. The Spanish Gospel Mission: Its Origins and Its Response to the Spanish Civil War. *The Baptist Quarterly* 2003; **40**(3): 10.
9. HALE F. The Tragedy of the Church Seen through Unitarian Pacifist Eyes: Sidney Spencer on the Ethics of Pacifism during the Spanish Civil War. *Studia Historiae Ecclesiasticae* 2003; **29**(1): 9.
10. HALE F. Time for sex in Sweden: enhancing the myth of the 'Swedish Sin' during the 1950s. *Scandinavian Studies* 2003; **75**(3): 23.
11. KLOPPER DC. In the name of the Arthur Nortje: life, death and biographic representation. *English Studies in Africa* 2003; **45**(1): 21.
12. SWART M. Creative capstone computer projects for post-graduate students of English. *SAVTO/SAALT – Tydskrif vir Taalonderrig/Journal for Language Teaching* 2003; **37**(1): 10.

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2. VILJOEN SC. *Biographical studies in a South African and global context: the recreation of the life of Richard Rive*. Congress on Condition of the Subject. London University, London, UK, 2003.

### Referate nasionaal/Papers national

1. GOODMAN R. *De-describing the Centre: satirical and postcolonial strategies in Mda's The Madonna of Excelsior*. AUETSA/SAVAL/SACLALS Conference. University of Pretoria, Pretoria, 2003.
2. VILJOEN SC. *Biographical studies in a post-1994 South Africa: reconstructing the life of Richard Rive*. Seminar: Association of University Teachers of English. Pretoria University, Pretoria, 2003.
3. VILJOEN SC. *The Sad trajectory of non-racialism: the case of Happy Sindane*. Seminar: Performance of Race. University of Cape Town, Cape Town, 2003.

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1. HEES EPH. The Birth of a Nation: Contextualizing *De Voortrekkers*. In: Balseiro I, Masilela N, (eds). *To Change Reels: Film and Culture in South Africa*. Wayne State University Press, Detroit, USA, 2003: 20.

### Navorsingsverslag/Research report

1. DISTILLER N. Colonial Shakespeare: report on the Shakespeare Society of Southern Africa's tri-annual Shakespeare Congress. Universiteit Stellenbosch, 2003. 7 pp.

**FILOSOFIE**  
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**PHILOSOPHY**  
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1. OLIVIER A. The limits of the present. Husserl and Heidegger on temporal limitation. *Phenomenologische Forschungen/Phenomenological Studies* 2003: 133-148.
2. OLIVIER A. Nietzsche and neurology. *Nietzsche-Studien/Nietzsche Studies, Internationales Jahrbuch für die Nietzsche-Forschung* 2003; **32**: 124-142.
3. OLIVIER A. When pains are mental objects. *Philosophical Studies* 2003; **115**(1): 33-53.
4. SMIT JP. The supposed "inseparability" of fact and value. *South African Journal of Philosophy/Suid-Afrikaanse Tydskrif vir Wysbegeerte* 2003; **22**(1): 51-62.
5. SWARTZ C, CILLIERS FP. Dialogue disrupted: Derrida, Gadamer and the ethics of discussion. *South African Journal of Philosophy/Suid-Afrikaanse Tydskrif vir Wysbegeerte* 2003; **22**(1): 1-18.
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7. VAN NIEKERK AA. Can more business ethics teaching halt corruption in companies? *South African Journal of Philosophy/Suid-Afrikaanse Tydskrif vir Wysbegeerte* 2003; **22**(2): 128-138.
8. VAN NIEKERK AA. Medical ethics: the changing landscape. *Private Health Care* 2003: 74-78.
9. VAN NIEKERK AA. Mother-to-child transmission of HIV/AIDS in South Africa: moral issues. *Jahrbuch für Wissenschaft und Ethik* 2003; **8**: 149-171.
10. VAN NIEKERK AA. Wat beteken dit om gelukkig te wees? *Fragmente* 2003; **10/11**: 99-104.
11. WHITESIDE A, BARNETT A, VAN NIEKERK AA. Through a glass, darkly: data and uncertainty in the AIDS debate. *Developing World Bioethics* 2003; **3**(1): 49-76.

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2. CILLIERS FP. *Why modest positions do not have to be weak*. Complexity, Ethics and Creativity Conference. London School of Economics, London, UK, 2003.
3. VAN DER MERWE WL. *The appropriation of the "other" in music and musicology*. Conference of the Swedish-South African Network on Music and Identity. Pretoria, South Africa, 2003.
4. VAN DER MERWE WL. *Multiculturalism and the humanities*. International Conference on New Directions in the Humanities. Rhodos, Greece, 2003.
5. VAN NIEKERK AA. *Can science be democratized?* 12th International Congress of Logic, Methodology and Philosophy of Science. Oviedo, Spain, 2003.
6. VAN NIEKERK AA. *The human genome and Africa: ethical issues*. The Human Genome and Africa Conference. Stellenbosch, South Africa, 2003.

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8. VAN NIEKERK AA. *Moral and social problems of HIV/AIDS: economics, poverty and patent rights*. National Conference of Doctors for Life. MRC Conference Centre, Bellville, 2003.
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11. VAN NIEKERK AA. *Patient autonomy in medical ethics*. Lesing by Wes-Kaapse Konferensie van die "South African Medical Association (SAMA)". Tygerberg, 2003.
12. VAN NIEKERK AA. *Philosophical reflections on the future as dialectic between ingenuity and regularity*. Stigtingskonferensie van die Wes-Kaapse Tak van die SA Futures Society. Bellville, 2003.
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3. VAN NIEKERK AA. A place for bioethics in medicine. In: Moodley K, Pienaar W, (eds). *Module 13 – Ethics Student Manual*. Unit for Bioethics (Tygerberg Division), Stellenbosch University, 2003: 5-16.

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1. BAUGHAN H. *Technology and practical reason in technology education policy – a philosophical study*. DPhil Promotor: Prof JP Hattingh.
2. BERNARDO ET. *Die rol van gedragkodes in etiese bewusmaking in die staatsdiens, met spesifieke verwysing na die beskermingsdienste: 'n ondersoek in die toegepaste etiek*. DPhil Promotor: Prof JP Hattingh.
3. DE ROUBAIX JAM. *Waarde, utiliteit en outonomie: 'n morel-kritiese analise van utilitaristiese standpunte oor die waarde van voorgeboortelike lewe*. DPhil Promotor: Prof AA van Niekerk.
4. DE VILLIERS T. *Mind, language and complexity. Complexity theory and contemporary theories of cognition*. DPhil Promotor: Prof FP Cilliers.
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12. MALAN YH. *Deconstruction and the ethics of resistance*. DPhil Promotor: Prof FP Cilliers.

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15. MOOMAL Z. *The reconcilability of historicity and objectivity as knowledge ideals*. DPhil Promotor: Prof AA van Niekerk.
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17. NGQUBA M. *The ethics of physician-assisted suicide*. DPhil Promotor: Prof AA van Niekerk.
18. OSBERG D. *Complexity an autodidacticism*. DPhil. Promotor: Prof FP Cilliers.
19. PEACEY AH. *Foundations of public sector financial ethics mediation*. DPhil Promotor/medepromotor: Prof JP Hattingh/prof E Schwella.
20. ROSSOUW TM. *Identity, personhood and power: a critical analysis of the principle of respect for autonomy and the idea of informed consent, and their implementation in an androgynous and multicultural society*. DPhil Promotor: Prof AA van Niekerk.
21. TLHAPANE MS. *Principlism and AIDS: a study in applied ethics*. DPhil Promotor: Prof AA van Niekerk.
22. VAN ROBBROECK L. *Writing white on black: modernity as discursive practice in art historical, art critical and anthropological writings on the art and material culture of 'black' South Africans*. DPhil Promotors: Proff FP Cilliers en S Klopper.
23. VAN UDEN J. *Connected: a complex(ity) analysis of organisation*. DPhil. Promotor: Prof FP Cilliers.

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

1. BADENHORST C. *Stalking the hunting debate: trophy hunting, Integrity and Ideology*. MA, 2003. 238 pp. Studieleier: Prof JP Hattingh.
2. BENFIELD IL. *Our complex world: understanding it, living it, sustaining it*. MPhil, 2003. 144 pp. Studieleier: Prof JP Hattingh.
3. DE VILLIERS E. *Human dignity: right or responsibility?* MPhil, 2003. 65 pp. Studieleier: Prof AA van Niekerk.
4. DURAND MC. *Vryheid, verantwoordelikheid en selfmoord*. MA, 2003. 90 pp. Studieleier: Prof FP Cilliers.
5. ENGELBRECHT S. *Utopie, filosofie en hermeneutiek. 'n verkenning van die denke van Gianni Vattimo*. MA, 2003. 60 pp. Studieleier: Prof WL van der Merwe.
6. HORN L. *Theories of justice and an HIV/AIDS health care policy for South Africa: a comparative analysis*. MPhil, 2003. 91 pp. Studieleier: Prof AA van Niekerk.
7. MAGOSHA TA. *The issue of social development (feeding people) versus saving nature: a case study in environmental ethics*. MPhil, 2003. 90 pp. Studieleier: Prof JP Hattingh.
8. NICHOLLS G. *Accountable to God alone? Theologising with a hammer: the HIV/AIDS crisis, condoms and Catholicism*. MPhil, 2003. 163 pp. Studieleier: Prof AA van Niekerk.
9. NIENABER A. *Zygmunt Bauman en die vraag na die oorsprong van moraliteit: die sosiale of die persoonlike?* MA, 2003. 155 pp. Studieleier: Prof AA van Niekerk.
10. RAUCH R. *Harmful sexual practices and gender conceptions in Kwazulu-Natal and their effects on the HIV/AIDS pandemic*. MPhil, 2003. 106 pp. Studieleier: Prof AA van Niekerk.
11. ROSSOUW TM. *A dialectical interpretation of the history of Western medicine: perspectives, problems and possibilities*. MPhil, 2003. 110 pp. Studieleier: Prof AA van Niekerk.

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

1. BREITENBACH M. *Die morele problematiek insake internasionale patentregte op HIV/VIGS medisyne in Afrika*. MA Studieleier: Prof AA van Niekerk.

2. CEJNAROVA A. *Formal analogies in the description of complex and quantum*. MA Studieleier: Prof FP Cilliers.
3. COETZEE H-K. *Mediese etiek in privaatsektor-geneeskunde in Suid-Afrika*. MA Studieleier: Prof AA van Niekerk.
4. CROUS L. *Etiese perspektiewe op nuwe geentegnologieë, met spesiale verwysing na die moontlikheid van die kloning van mense*. MA Studieleier: Prof AA van Niekerk.
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6. DICK L. *MIV/VIGS as openbare of private gesondheidsaangeleentheid: etiese perspektiewe*. MA Studieleier: Prof AA van Niekerk.
7. DU PLESSIS L. *Towards an environmental ethics for Africa: learning from the indigenous knowledge of an East-African tribe*. MA Studieleier: Prof JP Hattingh.
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16. PAPU B. *The role of cost-benefit analysis in environmental management in South Africa: an ethical analysis of the Coega case*. MPhil Studieleier: Prof JP Hattingh.
17. REYNEKE J. *Omgewing en ontwikkeling: 'n filosofiese verkenning van 'n spanningsverhouding*. MA Studieleier: Prof JP Hattingh.
18. SIDLER D. *Medical futility as action-guide in neonatal end-life decisions*. MPhil Studieleier: Prof AA van Niekerk.
19. SIMS C. *Reciprocity and the dialectic of recognition in Sartre and De Beauvoir*. MA Studieleier: Prof WL van der Merwe.
20. THORBURN RH. *The new company. Pre-emptive corporate ethics in a globalised business environment*. MA Studieleier: Prof JP Hattingh.
21. VAN HEERDEN C. *Moral perspectives on the exploitation of children in Africa*. MPhil Studieleier: Prof AA van Niekerk.
22. VON BEZING K. *Complexity and business ethics*. MA Studieleier: Prof FP Cilliers.

**GEOGRAFIE EN OMGEWINGSTUDIE**  
**(waarby ingesluit die Sentrum vir Geografiese Analise) /**  
**GEOGRAPHY AND ENVIRONMENTAL STUDIES**  
**(including the Centre for Geographical Analysis)**

**Tydskrifartikels/Journal articles**

1. FERREIRA SLA. Sustainable tourism in post-colonial Southern Africa. *Africa Insight* 2003; **33**: 36-43.

2. MUNCH Z, VAN LILL SWP, BOOYSEN CN, ZIETSMAN HL, ENARSON DA, BEYERS N. Tuberculosis transmission patterns in a high-incidence area: a spatial analysis. *International Journal of Tuberculosis and Lung Disease* 2003; **7**: 271-277.
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### **Verrigtinge internasionaal/Proceedings international**

1. WURZ SJD. *Two Middle Stone Age (MSA) palaeolithic blade industries at Klasies River, South Africa*. Annual Donetsk Paleolithic Conference. Donetsk, Ukraine, 2003: 67-80.

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

1. FERREIRA SLA. *Problems in Gonarezhiou: the Greater Limpopo Transfrontier Park*. Fifth Biennial International Conference of the Society of South African Geographers. Bloemfontein, South Africa, 2003.
2. KÄTSCH C, ZIETSMAN HL, VOGT H. *Mapping and analysis of surface structures of watersheds employing remote sensing data and GIS*. 21st International Cartographic Conference: Cartographic Renaissance – Cartography for Development. Durban, South Africa, 2003.
3. VAN DER MERWE IJ. *The humanities in a changing South Africa: challenges and opportunities*. Humanities Conference. University of the Aegean, Rhodos, Greece, 2003.
4. VAN DER MERWE IJ. *The global cities of Sub-Sahara Africa: Fact or Fiction*. Fifth Biennial International Conference of the Society of South African Geographers. Bloemfontein, South Africa, 2003.
5. VAN DER MERWE JH, COMBRINCK AP. *GIS in Namaqualand: towards sustainable grazing practice and management in a traditional rural community*. Fifth Biennial International Conference of the Society of South African Geographers on: Geography as an applied science for sustainable development. Bloemfontein, South Africa, 2003.
6. VAN DER MERWE JH, VAN NIEKERK A, SOUTAR G. *GIS-generated visual landscape impact assessment of communication infrastructure*. International Cartographic Association Commissions on Maps and the Internet & Visualization and Virtual Environments. Stellenbosch, South Africa, 2003.
7. VAN NIEKERK A. *The development of a visualization tool to assist topographic map users*. 21st International Cartographic Conference: Cartographic Renaissance – Cartography for Development. Durban, South Africa, 2003.
8. WURZ SJD. *Technological variation in the MSA sequence at Klasies River*. International roundtable: From tools to symbols – from early hominids to modern humans. WITS, South Africa, 2003.

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

1. BARNARD WS. *"Carrying the temperate zone into the tropics": territorial mythologies of Greater South Africa*. 5th Biennial Conference of the Society of South African Geographers. Bloemfontein, 2003.
2. SCHLOMS BHA. *Gypsy horizons: a need for formal recognition in the South African soil verification system*. Golden Jubilee Congress of the Soil Science Society of South Africa in combination with South African Society for Crop Production and Southern African Society for Horticultural Sciences. Stellenbosch, 2003.



3. SOMBALO L, DE NECKER PH. *Urban and periurban agriculture: a survival strategy of the poor in Khayelitsha, Western Cape, South Africa*. Golden Jubilee Congress of the Soil Science Society of South Africa in combination with South African Society for Crop Production and Southern African Society for Horticultural Sciences. Stellenbosch, 2003.

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1. FERNANDEZ A. *Land use modelling for watershed management: application in the Lower Limpopo Basin*. PhD Promotor: Prof 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. LOUW E. *Invloed van klimaatsverandering op waterbronne in die Wes-Kaap*. PhD Promotor: Prof JH van der Merwe.
4. NEMBUDANI ME. *Population pressure and water resource management in high-density settlements of the Northern Province*. DPhil Promotor: Prof JH van der Merwe.
5. RUST C. *The rock art of the Cape Nature Conservation reserves in the Little Karoo: a regional sense of place in meaning*. DPhil Promotor: Prof JH van der Merwe.
6. VAN PLETZEN-VOS L. *The impact of tourism on the archaeological resources of the western Little Karoo*. DPhil Promotor: Prof JH van der Merwe.
7. VAN SCHOOR LH. *The development of a prototype ISO 14001 environmental management system for wine cellars*. PhD Promotor: Prof JH van der Merwe.

### Magister afgehandel/Master's completed

1. AKINNUSI G. *Probability mapping of veld fire occurrence in the mountain regions of the South Western Cape*. MSc, 2003. 81 pp. Studieleier/medestudieleier: Mnr BHA Schloms/prof HL Zietsman.
2. FERNANDEZ RUIZ F. *Alternative land uses to forestry in the Western Cape: a case study of La Motte plantation*. MSc, 2003. 107 pp. Studieleiers: Prof HL Zietsman en mnr BHA Schloms.
3. JANSE VAN RENSBURG HS. *Residential segregation in post-apartheid Vredenburg: the role of racial preference*. MA, 2003. 98 pp. Studieleier: Dr PH de Necker.
4. MANS GG. *Old institution meets new technology: Using GIS to analyse efficiency of human services provided by churches*. MA, 2003. 64 pp. Studieleier: Prof HL Zietsman.
5. MATOTI A. *Using geo-technology for assessing the groundwater resources within the Table Mountain group*. MA, 2003. 55 pp. Studieleier: Mnr A van Niekerk.
6. MEYER KC. *Development of a GIS for sea rescue*. MA, 2003. 186 pp. Studieleier: Prof HL Zietsman.
7. SCHREIBER W. *GIS and EUREPGAP: applying GIS to increase effective farm management in accordance with GAP requirements*. MSc, 2003. 60 pp. Studieleier: Prof HL Zietsman.
8. SOUTAR G. *Target marketing: the geographical information systems approach*. MA, 2003. 54 pp. Studieleiers: Prof HL Zietsman en mnr PJ Eloff.
9. TERRAPON H. *Marketing of factory shop tourism in greater Cape Town using ArcIMS*. MA, 2003. 79 pp. Studieleier: Dr PH de Necker.
10. VAN ZYL NM. *An infrastructure management support system for Western Cape Nature Conservation Board*. MA, 2003. 179 pp. Studieleiers: Mnr PJ Eloff en prof HL Zietsman.
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### Magister lopend/Master's current

1. BESTER FJ. *Development of a GIS-tool for multi-criteria analysis: tourist accommodation in natural settings*. MA Studieleiers: Mnr A van Niekerk en dr SLA Ferreira.

2. BREYTENBACH A. *GIS-based natural resource allocation and decision making strategy in degraded rural landscapes – a forestry example*. MSc Studieleier: Prof JH van der Merwe.
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 PLESSIS I. *Riglyne vir die impakbepaling, ontwerp, konstruksie en bestuur van veldroetes*. MSc Studieleier: Mnr BHA Schloms.
6. FORD FY. *Development of a GIS for fire management by Cape Nature Conservation, RSA*. MA Studieleier: Mnr A van Niekerk.
7. FOURIE R. *Evaluating landscape aesthetics*. MA Studieleier: Prof JH van der Merwe.
8. KIDANE DK. *Rule-based land cover classification model: expert system integration of image and non-image spatial data*. MSc Studieleier: Mnr A van Niekerk.
9. KOTOANE M. *Identification of landscape features that characterize Blue Crane Anthropoides paradiseus collisions with power lines in the Overberg region*. MA Studieleier: Mnr A van Niekerk.
10. KUNNEKE MM. *Vestiging van gemeenskapsgedrewe geïntegreerde rivierbekkenbestuur: die Veldwachtersrivier as gevallestudie*. MA Studieleier: Dr JH van der Merwe.
11. LE ROUX CI. *Omgewingsbestuur by wynkelders in die Franschoekvallei*. MA Studieleier: Prof JH van der Merwe.
12. LETSIE MAM. *The implementation of the planning indicators model as a tool for measuring the success of spatial planning policies in Stellenbosch*. MA Studieleier: Prof HL Zietsman.
13. LUCK W. *GIS based forest type classification and modelling of the indigenous forests of the Southern Cape*. MSc Studieleier: Prof HL Zietsman.
14. MAJARA NN. *Land degradation in Lesotho – synoptic perspective using NOAA AVHRR data*. MSc Studieleier: Prof HL Zietsman.
15. MANSFELD C. *Prospecting and mining in parks of Namibia: policy implications*. MA Studieleier: Prof JH van der Merwe.
16. MASHIMBYE ZE. *Remote sensing based identification and mapping of salinised irrigated land in a selected area between Upington and Keimoes*. MSc Studieleier: Prof HL Zietsman.
17. MATERN C. *State of the coast report for the Agulhas zone of the South Western Cape*. MA Studieleier: Prof JH van der Merwe.
18. MATOTI A. *Using geo-technology for assessing the groundwater resources within the Table Mountain group*. MA Studieleier: Mnr A van Niekerk.
19. MOCKE C. *Location based services today and tomorrow: mobile phone GIS applications providing optimum traffic route directions*. MSc Studieleier: Mnr A van Niekerk.
20. MODIKA KA. *Human vulnerability to flooding in the greater Letaba Catchment*. MSc Studieleier: Dr JH van der Merwe.
21. MORAKENG P. *Temporal and spatial patterns of vehicle-related crime in the central area of Stellenbosch*. MA Studieleier: Mnr MKR van Huyssteen.
22. MOROJELE NI. *Nodal intensification strategy: application of an analytical model to railway stations in the City of Cape Town*. MSc Studieleier/medestudieleier: Dr PH de Necker/prof HL Zietsman.
23. MOROLONG L. *Defensible space and closed circuit television (CCTV) as crime prevention strategies in Cape Town CBD*. MA Studieleier: Prof HL Zietsman.
24. MOYO GL. *Developing a rose diagram generation tool for geohydrology to measure trends in geological lineaments using ArcObjects and Visual Basic*. MSc Studieleier: Mnr A van Niekerk.
25. MULANGAPHUMA AT. *The use of GIS in the Western Cape Province*. MA Studieleier: Mnr A van Niekerk.

26. MUNCH Z. *The epidemiology of tuberculosis in the Western Cape: a geographical perspective*. MSc Studieleier: Prof HL Zietsman.
27. NEL L. *Virtual reconstruction of stratigraphy and past landscapes in the West Coast Fossil Park region*. MA Studieleier: Prof JH van der Merwe.
28. NTENE ME. *Assessment of ecotourism potential of the Katse Area, Lesotho*. MA Studieleier: Dr JH van der Merwe.
29. NTHENGWE NS. *The role of GIS in flood management: a case study of the greater Thoyhoyandou TLC, Northern Province*. MA Studieleier: Dr JH van der Merwe.
30. PULING L. *Solid waste management systems in developing urban areas: case study of Lwandle Township*. MSc Studieleier/medestudieleier: Mnr MKR van Huyssteen/dr JH van der Merwe.
31. REHDER A. *Archeo-tourism on the Clanwilliam rock art tour as an extension of the tourism industry*. MA Studieleier: Prof JH van der Merwe.
32. SCOTT DG. *A new bottle for an old wine: Commercialisation and commodification in the Stellenbosch Wine Routes*. MA Studieleier: Dr PH de Necker.
33. SEMOLI BP. *An assessment of the practice and potential of industrial waste minimization in South Africa: a case study of Stellenbosch*. MSc Studieleier/medestudieleier: Mnr MKR van Huyssteen/dr JH van der Merwe.
34. STEER LA. *Using GIS to find economically viable sites for trout farms in the Western Cape*. MA Studieleier: Dr PH de Necker.
35. STIPINOVICH A. *Agritourism: market segmentation profile of potential and practising agritourists*. MA Studieleier: Prof JH van der Merwe.
36. SUTTON T. *The development of an integrated system for modelling species distribution within the Western Cape Province of South Africa*. MSc Studieleier: Prof HL Zietsman.
37. TEMPLE AM. *The geography of cricket in the Boland*. MA Studieleier/medestudieleier: Mnr PJ Eloff/mnr A van Niekerk.
38. VAN DER MERWE (SMITH) N. *A dynamic landscape model for transfrontier conservation decision support*. MSc Studieleier: Prof HL Zietsman.
39. VAN DER MERWE NG. *Vestiging van 'n oorgrens-wildreservaat op die berghange van die plaas Knorhoek, Sir Lowry's Pass*. MA Studieleier: Dr SLA Ferreira.
40. VAN NIEKERK L. *A framework for regional estuarine management: a South African case study*. MSc Studieleier: Prof JH van der Merwe.
41. VAN ZYL L-M. *Golf estates in the Garden Route*. MA Studieleier: Dr PH de Necker.
42. WALTERS-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.

## GESKIEDENIS / HISTORY

### Tydskrifartikels/Journal articles

1. BURDEN M. Die waarde en betekenis van tradisionele Afrikaanse ballades in 'n eietydse samelewing. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2003; **17**(2): 15.
2. EHLERS A. Rural trust companies and boards of executors versus country attorneys: the history of symbiotic "bastard relationships" in the battle for trust and estate business in South Africa to ca 1920. *Fundamina (A Journal of Legal History)* 2003; **9**: 78-94.
3. GILIOME E HB. The making of the Apartheid Plan, 1929-1948. *Journal of Southern African Studies* 2003; **29**(2): 20.
4. GILIOME E HB. 'The weakness of some': the Dutch Reformed Church and White Supremacy. *Scriptura* 2003; **83**: 33.
5. GRUNDLINGH AM. 'Gone to the Dogs': the cultural politics of gambling - the rise and fall of British greyhound racing on the Witwatersrand, 1932-1949. *Suid-Afrikaanse Historiese Joernaal/South African Historical Journal* 2003; **48**: 16.

6. SCHOLTZ WLvonR. Internasionale ontwikkelinge rakende menseregte, minderheidsregte en taalregte. *Tydskrif vir Geesteswetenskappe* 2003; **42**(4): 9.
7. SCHOLTZ WLvonR. Kursk and the ten commandments of armoured warfare. *Journal for Contemporary History (and International Relations)/Joernaal vir Eietydse Geskiedenis (en Internasionale Verhouding)* 2003; **2**(28): 30.
8. SCHOLTZ WLvonR, SCHOLTZ I. Problematisch verleden: een vergelijking tussen Duitsland, Polen en Zuid-Afrika. *Historia* 2003; **48**(1): 42.
9. SWART SS. 'An irritating Pebble in Kruger's shoe' – Eugène Marais and Land en Volk in the ZAR, 1891-1896. *Historia* 2003; **48**(2): 22.
10. SWART SS. Dogs and dogma: a discussion of the socio-political construction of Southern African dog 'breeds' as a window on social history. *Suid-Afrikaanse Historiese Joernaal/South African Historical Journal* 2003; **48**: 16.
11. SWART SS. Mythic bushmen in Afrikaans literature. The *Dwaalstories* of Eugène N Marais. *Current Writing* 2003; **15**(1): 18.
12. SWART SS. Riding high – horses, power and settler society, c.1654-1840. *Kronos* 2003; **29**: 17.
13. VAN SITTERT L, SWART SS. *Canis familiaris*: a dog history of South Africa. *Suid-Afrikaanse Historiese Joernaal/South African Historical Journal* 2003; **48**: 35.
14. VAN VOLLENHOVEN A. Kultuurhulpbronbestuur (KHB) as museumfunksie. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2003; **17**(1): 14.
15. VAN VOLLENHOVEN A. Die Wet op Nasionale Erfenishulpbronne. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2003; **17**(2): 23.
16. VENTER C. Deense opperchirurgyn in Tafelbaai gekielhaal. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2003; **17**(1): 15.

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1. EHLERS A. *Apartheid mythology and symbolism. Desegregated and reinvented in the service of the New South Africa: the covenant and the Battle of Blood/Ncome River*. GRAS (Research Group on South Africa). Universiteit van Reunion, Reunion, 2003.
2. EHLERS A. *Trust companies and boards of executors versus country attorneys: the history of symbiotic "bastard relationships" in the battle for trust and estate business in South Africa to c.1920*. Southern African Society of Legal Historians International Conference: Freedom, Justice and Equality: Three Pillars of Legal History. Stellenbosch University, Stellenbosch, South Africa, 2003.
3. SCHOLTZ WL VON R, SCHOLTZ I. *The duty of an independent media in an African context*. Media in Africa: Current Issues, Future Challenges. Stellenbosch, South Africa, 2003.
4. SWART SS. *Horses! Give me more horses! White settler identity, horses and the making of early modern South Africa*. The Second International Conference of the European Society for Environmental History. Dept of Social Geography and Regional Development Charles University, Prague, 2003.
5. SWART SS. *The 'ox without horns' – the Basotho pony and the transformation of Sotho society, c.1825-2001*. International Conference of Forest and Environmental History of the British Empire and Commonwealth. University of Sussex, Falmer, Brighton, Sussex, UK, 2003.
6. VISSER WP. *Afrikaner working class organizations and the search for a cultural identity: the case of the Mine Workers' Union*. African Urban Spaces Conference. University of Texas, Austin, USA, 2003.

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1. BURDEN M. *Mites van en oor slawe: die wetenskaplikheid van navorsing en aanbieding van navorsingsresultate*. Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Kaapstad, 2003.
2. BURDEN M. *Die multidissiplinariteit van kultuurgeskiedenis: poort tot interdisiplinariteit*. Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Heidelberg, 2003.

3. EHLERS A. *From peptanic to peptonic. A retailers response to the challenges of the New South Africa*. Biennial Conference of the South African Historical Society: Southern Africa: Yesterday and Today. Universiteit van die OVS, Bloemfontein, 2003.
4. SWART SS. "*The ride and fall of the Cape horse*", *Southern Africa: yesterday and today*. Biennial Conference of SA Historical Society. University of the Free State, Bloemfontein, 2003.

### **Boeke/Books**

1. GILIOME H. *The Afrikaners: Biography of a People*. University of Virginia Press, Charlottesville, USA, 2003. 698 pp.

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

1. GILIOME H. Die soeke na 'n sinvolle Afrikaanse verlede. In: Kapp PH, (red.). *Historical Consciousness and the Future of our Past*. Publishing House Kleio, Vanderbijlpark, 2003: 29.
2. SWART SS. The Ant of the White Soul. In: Currey J, (ed.). *Social History & African Environments*. Ohio University Press, Oxford, 2003: 19.

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

1. VERSTER FP. *'n Kultuurhistoriese ontleding van die werk van TO Honiball met spesifieke verwysing na pikurale humor*. DPhil, 2003. 290 pp. Promotor: Dr M Burden.

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

1. BASSON SE. *Die rol en invloed van die Landelike Stigting op die wynbedryf van die Wes-Kaap met spesiale verwysing na die plaaswerkersgemeenskappe, 1982-2002*. DPhil Promotor: Prof AM Grundlingh.
2. DE WIT CH. *Die Berlynse Sendinggenootskap en sy lidmate in die Wes-Kaap, 1899-1961*. DPhil Promotor: Dr H Heese.
3. DIETRICH GL. *The touristification of Stellenbosch: the dynamics of the representation of cultural heritage from the 1960's to the present*. DPhil Promotor: Prof AM Grundlingh.
4. HERBST RO. *Die Kareeberggrens – aspekte van 'n grenssituasie gedurende die neëntiende eeu*. DPhil Promotor: Dr C Venter.
5. KITSHOFF H. *Die opkoms en dinamika van Afrikaner Kunstefeeste en die veranderende aard en rol van Afrikaanse teater in Suid-Afrika sedert 1995*. DPhil Promotor: Prof AM Grundlingh.
6. MARITZ L. *Die geskiedenis van die Women's National Coalition (WNC) in Suid-Afrika (1991-1994)*. DPhil Promotor: Prof AM Grundlingh.
7. POTGIETER TD. *Defence against maritime power projection: the case of the Cape of Good Hope, 1756-1803*. DPhil Promotor: Prof AM Grundlingh.
8. SHEARING HA. *Cape rebels during the Anglo-Boer War, 1899-1902*. DPhil Promotor: Prof AM Grundlingh.
9. VAN ZYL CJ. *The role of tourism in the conservation of South Africa's cultural heritage*. DPhil Promotor/medepromotor: Dr M Burden/prof AM Grundlingh.

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

1. BADEROEN T. *Die geskiedenis van die Stellenbosch Hospitaal*. MA, 2003. 130 pp. Studieleier: Dr C Venter.
2. BARNARD E. *'n Evaluering van die volksboukuns van die Swellendam-omgewing*. MA, 2003. 264 pp. Studieleier: Dr M Burden.
3. BOTHA M. *Die internasionale reaksie op die Israeliese-Arabiëse oorlog van 1973*. MA, 2003. 130 pp. Studieleier: Prof AM Grundlingh.
4. CARSTENS THM. *Aspekte van nasionale en kulturele identiteit in 'n Verenigde Europa sedert 1958: enkele gevallestudies*. MA, 2003. 118 pp. Studieleier: Prof AM Grundlingh.

5. KITSHOFF H. *Andersdenkende verset: Afrikaner kulturele standpunt teen apartheid en Afrikaner kontak met die ANC in die 1980's*. MA, 2003. 127 pp. Studieleier: Prof AM Grundlingh.
6. KLOPPERS R. *The rise and fall of the Mabudu*. MA, 2003. 113 pp. Studieleier: Prof AM Grundlingh.
7. OCTOBER HNN. *Die VSA se veranderde beleid teenoor die Republiek van China (Taiwan), 1969-1979*. MA, 2003. 180 pp. Studieleier: Prof PH Kapp.
8. SWANEPOEL C. *'n Tak van die Swanepoel-familie in Suid-Afrika, 1699 tot 1999, 'n genealogiese en kultuurhistoriese studie*. MA, 2003. 426 pp. Studieleier: Dr M Burden.
9. VAN ZYL A. *'n Ondersoek na die bewarenswaardigheid van die Elandsvlei – gebouekompleks*. MA, 2003. 175 pp. Studieleier: Dr M Burden.
10. VAN ZYL L. *Sarah Goldblatt: letterkundige administratise van CJ Langenhoven*. MA, 2003. 113 pp. Studieleier: Prof AM Grundlingh.

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

1. BENJAMIN EG. *A transformation of the Black Sash Women's Organisation, 1990-2000*. MA Studieleier: Prof AM Grundlingh.
2. BROWN C. *Assessment in human and social sciences in the intermediate phase*. MA Studieleier: Prof AE Carl.
3. BURGER P. *Die invloed van die Anglo-Boereoorlog op die burgerlike bevolking van Oudtshoorn*. MA Studieleier: Dr C Venter.
4. CHAPMAN AD. *The ties that bind: the relationship between politics and cricket in South Africa (1989-1992)*. MA Studieleier: Prof AM Grundlingh.
5. JULYAN KE. *'n Ontleding van uitstallings oor tradisionele bedrywe in geselekteerde museums vir die doel van die bevordering van toerisme*. MA Studieleier: Dr M Burden.
6. RABE JM. *Die stilistiese ontwikkeling van die Kaapse patresier meubelstyle, 1700-1830*. MA Studieleier: Dr M Burden.
7. VAN DER MERWE JF. *'n Genealogiese studie van die nasate van Isaac van der Merwe (1711-1777), met spesifieke verwysing na die tak van die wyke Vier-en-Twintig-Rivieren en Honingberg*. MA Studieleier: Dr M Burden.
8. VAN DER MERWE LM. *'n Ondersoek na die veranderende liggaamsbeeld van swartvroue, soos voorgestel binne die populêre tydskrif Drum, 1951-2003*. MA Studieleier: Dr SS Swart.

## **INLIGTINGWETENSKAP / INFORMATION SCIENCE**

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

1. LOUW JA. *eMerging Health in Africa: a converged, state-of-the-art, knowledge management and health communications platform to combat infectious diseases in recourse and communication-poor settings*. Grand Challenges in Global Health. Foundation for the National Institutes of Health, USA, 2003: 4.

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

1. LOUW JA. *Converged knowledge hub for infectious diseases*. African Union Summit on Health and Development. Maputo, Botswana, 2003.
2. LOUW JA. *ICTs to support innovation in developing-world health systems – with reference to biotechnology*. eHealth 2003: 3rd Annual Conference and Exhibition of the International eHealth Association. London and Cape Town (via Video Link), UK, 2003.
3. LOUW JA. *Knowledge management at the MRC*. Managing Corporate Knowledge & Intelligence in the Global Economy. Faure, Cape Town, South Africa, 2003.
4. LOUW JA. *Knowledge translation in HIV*. HELINA 2003. Johannesburg, South Africa, 2003.

### Magister afgehandel/Master's completed

1. DENNER L. *Information organisation in small, medium and micro enterprises (SMMES) in South Africa*. MA, 2003. 156 pp. Studieleier: Dr MS van der Walt.
2. MAMPYE PJ. *Empowerment of small and medium enterprises through the defence-related industry programme*. MPhil, 2003. 82 pp. Studieleier: Prof J Kinghorn.
3. MYBURGH RF. *Theories of non-linear systems: a paradigm for organisational thinking*. MPhil, 2003. 113 pp. Studieleier: Prof J Kinghorn.
4. WATSON JA. *The application of sense-making theory to advertising: an exploratory case study*. MPhil, 2003. 115 pp. Studieleier: Prof J Kinghorn.
5. WEITZ M. *Learning and knowledge: critical elements to sustained competitive advantage*. MPhil, 2003. 72 pp. Studieleier: Prof F Fouche.

### Magister lopend/Master's current

1. MAASDORP CH. *Knowledge and action: a conceptual analysis of tacit knowledge in knowledge management theory*. MPhil Studieleier: Prof F Fouche.

## JOERNALISTIEK / JOURNALISM

### Tydskrifartikels/Journal articles

1. ECKARDT M. Review article: Terreblanche, Sampie: a history of inequality in South Africa, 1652-2002. *Afrika-Spectrum* 2003; **38**(2): 2.
2. RABE L. Taal as identiteit. *South African Journal of Cultural History/Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 2003; **17**(II): 22.
3. SCHOLTZ WL VON R, SCHOLTZ I. Problematisch verleden: een vergelijking tussen Duitsland, Polen en Zuid-Afrika. *Historia* 2003; **48**(1): 42.
4. WASSERMAN HJ. Globalisering, die internet en Suid-Afrikaanse tale: 'n verkenning van potensiaal en probleme. *Tydskrif vir Geesteswetenskappe* 2003; **43**(1&2): 12.
5. WASSERMAN HJ. Post-apartheid media debates and the discourse of identity. *Ecquid Novi* 2003; **24**(2): 6.
6. WASSERMAN HJ. A view from Africa on media ethics (Review article). *Ecquid Novi* 2003; **24**(2): 2.
7. WASSERMAN HJ, VAN ZYL L. Independent or embedded? An exploration of views of the Presidential Press Corps. *Communicare* 2003; **22**(1): 13.

### Referate internasionaal/Papers international

1. DE BEER AS. *News: the fleeting, elusive, but essential feature of global journalism*. Media in Africa: Current Issues, Future Challenges. Stellenbosch, South Africa, 2003.
2. DE BEER AS, STEYN E. *Preparing for the future: the level of journalism skills in South Africa – a reason for concern?* Annual Conference of the Association for Education in Journalism and Mass Communication. Kansas City, USA, 2003.
3. RABE L. *For the sake of the Amina's, Zena's and Melissa's of Africa – the need for gender sensitive journalism training*. International Communications Forum. Cape Town, South Africa, 2003.
4. RABE L. *The 'lost' generation – wanting to become 'gernalists' in a so-called fledgling democracy – the challenges for journalism education and training in South Africa*. European Journalism Trainers' Association. Aarhus, Denmark, 2003.
5. RABE L. *Towards an en-gendered newsroom – the status of women in SA media E&T*. Media in Africa: Current Issues, Future Challenges. Cape Town, South Africa, 2003.
6. SCHOLTZ WL VON R, SCHOLTZ I. *The duty of an independent media in an African context*. Media in Africa: Current Issues, Future Challenges. Stellenbosch, South Africa, 2003.

7. WASSERMAN HJ. *The possibilities of ICTs for social activism in Africa: an exploration*. Codesria's 30th Anniversary Conference: Intellectuals, Nationalism and the Pan-African Ideal. Dakar, Senegal, 2003.
8. WASSERMAN HJ. *Social mobilisation and the virtual community: online and offline action*. Media in Africa: Current Issues, Future Challenges. Stellenbosch, South Africa, 2003.
9. WASSERMAN HJ, DE BEER AS. *E-democracy and e-publicanism – preliminary perspectives on the role of the internet in South African democratic processes*. Annual Conference of the Association for Education in Journalism and Mass Communication (AEJMC). Kansas City, USA, 2003.
10. WIESE T. *The inverted pyramid: an outdated model for news writing?* Media in Africa: Current Issues, Future Challenges. Stellenbosch, South Africa, 2003.

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

1. DE BEER AS, STEYN E. *Preparing for the future: the level of journalism skills in South Africa – a reason for concern?* Annual Conference of the Southern African Communication Association. Durban, 2003.
2. WASSERMAN HJ, DE BEER AS. *Amplifying democracy – perspectives on the role of the internet in South African civil society*. Annual Conference of the Southern African Communication Association. Durban, 2003.

### **Boeke/Books**

1. WASSERMAN HJ. *Aan die ander kant van die stad*. Human & Rousseau, Cape Town, South Africa, 2003. 110 pp.
2. WASSERMAN HJ, JACOBS S. *Shifting selves – postapartheid essays on mass media, culture and identity*. Kwela Books, Cape Town, South Africa, 2003. 340 pp.

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

1. DE BEER AS. A long walk to freedom and a steep road to nation-building: the role of the media in post-apartheid South Africa. In: Ross K, Derman D, (eds). *Mapping the Margins: Identity, Politics and the Media*. Hampton, Cresskill NJ, USA, 2003: 15.
2. RABE L. Gender sensitive reporting: various means of capacity building. In: Galant R, (ed.). *Handbook on Gender Sensitive Reporting for Media Practitioners – a quick reference guide for media practitioners*. Gender Advocacy Programme, Cape Town, South Africa, 2003: 4.
3. WASSERMAN HJ. Dial-up identity: South African languages in cyberspace. In: Wasserman H, Jacobs S, (eds). *Shifting Selves: Postapartheid essays on Mass Media, Culture and Identity*. Cape Town: Kwela, Kwela Books, Cape Town, South Africa, 2003: 17.

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

1. BOTHA N. *Dispatches from the front: a qualitative analysis of the flow and content of news from Iraq to South Africa during Gulf War II*. DPhil Promotor: Prof AS de Beer.
2. JORDAAN WJ. *Spanning tussen die Suid-Afrikaanse regering en die private media in etiese perspektief – 'n grondslag vir konstruktiewe gesprek*. DPhil Promotor: Prof L Rabe.

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

1. ECKARDT M. *The development of film criticism in the Cape's Daily Press in the 1920s and 1930s*. MPhil Studieleier: Dr HJ Wasserman.
2. WESSELS A. *Poniekoeerante en privaatheid: Quo vadis vir die etiese persepsies van Suid-Afrikaanse joernaliste?* MPhil Studieleier: Dr HJ Wasserman.



<b>MAATSKAPLIKE WERK / SOCIAL WORK</b>
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**Tydskrifartikels/Journal articles**

1. ENGELBRECHT LK, THERON SM. Effektiewe finansiële bestuur van welsynsorganisasies in Suid-Afrika: aanbevelings vir maatskaplikewerk-bestuurders. *Social Work* 2003; **39**(3): 10.
2. GREEN S, NIEMAN AJ. Social development. Good practice guidelines. *Social Work* 2003; **39**(2): 20.
3. KRUGER SP, WILLIAMS RC. Exploring the role of spirituality in the lives of black women. *Social Work* 2003; **39**(4): 11.

**Referate nasionaal/Papers national**

1. GREEN S, ENGELBRECHT LK. *Empowering social workers and students from a strengths perspective: an alternative paradigm for teaching and learning*. Joint University Committee: Contemporary Issues in Social Work. UNISA, Pretoria, 2003.

**Doktoraal afgehandel/Doctoral completed**

1. CORRIE L. *Attachment in step-families. A social work perspective*. DPhil, 2003. 274 pp. Promotor: Prof S Green.

**Doktoraal lopend/Doctoral current**

1. CAMPBELL J. *Social work prevention programmes for pre-teen sexual offenders*. DPhil Promotor: Prof S Green.
2. RETIEF RT. *Policing domestic violence: the experiences and perceptions of police officers in the Western Cape*. DPhil Promotor: Prof S Green.
3. SMIT AdeV. *Financial management of private welfare organizations*. DPhil Promotor: Prof S Green.
4. SMITH PJD. *Social work intervention for unmarried fathers*. DPhil Promotor: Prof S Green.
5. THABEDE D. *Social casework. An African-centered perspective*. DPhil Promotor: Prof S Green.

**Magister afgehandel/Master's completed**

1. ABDULLE OSMAN W. *Community development in Kayamandi*. MA (MW), 2003. 139 pp. Studieleier: Prof S Green.
2. BRUWER E. *Riglyne vir maatskaplike werkers tydens multi-kulturele aannemings*. MA (MW), 2003. 87 pp. Studieleier: Dr SP Kruger.
3. KOOPMAN G. *An exploratory study into the impact of a social work programme on the lives of people with disabilities*. MA (MW), 2003. 83 pp. Studieleier: Dr SP Kruger.
4. NEFDT WM. *The transforming roles of management boards in non-profit organisations*. MA (MW), 2003. 113 pp. Studieleier: Prof S Green.
5. PHEIFFER R. *The relation between past exposure to community/domestic violence and violent crimes by young offenders*. MA (MW), 2003. 100 pp. Studieleier: Prof S Green.
6. PIETERSE L. *Die benutting van maatskaplike groepwerk met dwelmafhanlikes*. MA (MW), 2003. 114 pp. Studieleier: Dr SP Kruger.
7. PRETORIUS M. *The facilitation of social integration on community level: a social work perspective*. MA (MW), 2003. 97 pp. Studieleier: Prof S Green.
8. VON SCHLICHT E. *Die benutting van maatskaplikewerk-supervisie in die onderrig van 'n diverse studentepopulasie*. MA (MW), 2003. 128 pp. Studieleier: Prof S Green.

**Magister lopend/Master's current**

1. ABRAHAMS MF. *The application of the social marketing model in the Department of Social Services*. MA (MW) Studieleier: Dr LK Engelbrecht.

2. AFRICA R.J. *Social work intervention with parents of premature infants*. MA (MW) Studieleier: Dr LK Engelbrecht.
3. BOOIS BA. *Toepassing van lewensvaardighede met militêre personeel: 'n maatskaplike-werk-perspektief*. MA (MW) Studieleier: Dr LK Engelbrecht.
4. BOOYSEN P. *Hulpbronbenutting deur maatskaplike werkers vir dienslewering aan HIV/VIGS-wesies*. MA (MW) Studieleier: Prof S Green.
5. CLARK K. *Die rol van die maatskaplike werker as fasiliteerder in inklusiewe onderwys*. MA (MW) Studieleier: Dr SP Kruger.
6. FALLETISCH LA. *A qualitative study of farm workers, recovering from alcohol dependency*. MA (MW) Studieleier: Prof S Green.
7. GILLET-DE KLERK M. *An assessment of the business and management qualifications and competencies of directors of welfare-related organisations in the Western Cape Province*. MA (MW) Studieleier: Prof S Green.
8. IMMINK H. *Beleid vir supervisie van maatskaplike werkers in diens van die PAWK*. MA (MW) Studieleier: Prof S Green.
9. JACOBS SJ. *Die rol van maatskaplike faktore tot werksafwesigheid deur korrektiewe beamptes*. MA (MW) Studieleier: Prof S Green.
10. JOSEPH CE. *Management function of practice educators at training institutions*. MA (MW) Studieleier: Dr LK Engelbrecht.
11. KOK E. *Alkohol- en dwelmvoorkomingsprogramme aan hoërskoolleerders*. MA (MW) Studieleier: Dr LK Engelbrecht.
12. LETSHOLO JB. *Assessment and management of alleged sexual abuse during middle childhood: the role of a social worker in the Moses Kotane Municipality District North West Province*. MA (MW) Studieleier: Prof S Green.
13. LEWIS A. *Rehabilitation of juveniles offenders under correctional supervision*. MA (MW) Studieleier: Prof S Green.
14. LUKELELO N. *The psychosocial stress experienced by social workers dealing with children in hospitals*. MA Studieleier: Dr SP Kruger.
15. NEL A. *The social support networks of single mothers in Guguletu*. MA (MW) Studieleier: Prof S Green.
16. POLMAN M. *Riglyne vir prestasiebeoordeling vir bedryfsmaatskaplike werkers by plaaslike owerhede*. MA (MW) Studieleier: Prof S Green.
17. POSWA TC. *The utilization of community work in empowering poor families*. MA (MW) Studieleier: Prof S Green.
18. RADEBE C. *Guidelines for mentorship/coaching programmes for officer commandings in the South African Medical Health Services (SAMHS): a military social work perspective*. MA (MW) Studieleier: Prof S Green.
19. SCHEEPERS G. *Verslaggewing in forensiese ondersoek: Die rol van die maatskaplike werker as deskundige getuie in kriminele howe*. MA (MW) Studieleier: Prof S Green.
20. TWALA TMC. *Casework intervention for abused women in Moses Kotane local municipality*. MA (MW) Studieleier: Prof S Green.

## MODERNE VREEMDE TALE / MODERN FOREIGN LANGUAGES

### Tydskrifartikels/Journal articles

1. ANNAS R. Zur Situation des Faches Deutsch an Südafrikanischen Universitäten. *Acta Germanica* 2004; **30/31**: 181-191.
2. DU TOIT MCK. Beyond the mask: Guy de Maupassant in Algeria. *Africa and Europe: en/countering myths. Literary and Cultural Theory* 2003; **15**: 77-89.
3. KUSSLER HR. Computer im Deutschunterricht. Zu einer weiteren Fernstudieneinheit. *Deutsch als Fremdsprache* 40 2003; **3**: 170-173.

4. KUSSLER HR. Jan Comenius' Beitrag zur Fremdsprachendidaktik. *Acta Germanica* 2004; **30/31**: 157-168.

### Verrigtinge internasionaal/Proceedings international

1. KÖPPE GH. *KhoiSan in der Begegnung mit Europäern am Kap der Guten Hoffnung. Akten des X. Internationalen Germanistenkongresses Wien 2000 "Zeitwende – Die Germanistik auf dem Weg vom 20. ins 21. Jahrhundert"*. Wien, 2003; *Jahrbuch für Internationale Germanistik* 2003; **61**: 55-61.

### Referate internasionaal/Papers international

1. ANNAS R. *Zur Situation des Faches Deutsch an Südafrikanischen Universitäten*. 21st Congress of the SAGV. University of Namibia, Windhoek, Namibia, 2003.
2. DU TOIT MCK. *Don Juan et les souffrances d'un séducteur surmené*. First International Conference of l'Association Jules et Jim. École de Beauvallon, Dieulefit, France, 2003.
3. KUSSLER HR. *CALLDeSK - A CALL development Starter Kit*. WorldCALL 2003 Conference. Banff, Canada, 2003.
4. KUSSLER HR. *Das "IQN DaF" im Internet und WWW*. First Conference of the International Quality Network German as Foreign Language (IQN). University of Kassel, Kassel, Germany, 2002.
5. KUSSLER HR. *Five years on the "HYLL". The MPhil programme in Hypermedia for Language Learning at the Stellenbosch University in critical retrospect*. EuroCALL 2002. University of Jyväskylä, Jyväskylä, Finland, 2002.
6. KUSSLER HR. *Jan Amos Comenius und sein Beitrag zur Fremdsprachendidaktik*. 21ste Kongres van die SAGV. University of Namibia, Windhoek, Namibia, 2003.
7. LEVEEL ECG. *Simone de Beauvoir et Jean-Paul Sartre: amour, jalousie et liberté (love, jealousy and freedom)*. International Simone de Beauvoir Conference. Sorbonne University & Paris European Centre, Paris, France, 2003.

### Hoofstukke in boeke/Chapters in books

1. KUSSLER HR. Darstellung fremder Kulturen durch Sprachlernsoftware – Entwicklung und gegenwärtiger Stand. In: Wierlacher A, Bogner A, (eds). *Handbuch Interkulturelle Germanistik*. JB Metzler, Stuttgart/Weimar, Germany, 2003: 8.

### Kreatiewe werk/Creative work

1. DU TOIT MCK. *Somebody else: Arthur Rimbaud in Africa*. Studies in Travel Writing. Nottingham Trent University, Nottingham, UK, 2001: 4.

### Magister afgehandel/Master's completed

1. FOURIE H. *Signing SASL (South African Sign Language)*. MPhil, 2003. Rekenaartoepassing. Studieleier: Me RO du Toit.
2. LENSSEN KR. *Beginner's German for tour guides in Namibia*. MPhil, 2003. Rekenaartoepassing. Studieleier: Me RO du Toit.
3. SCHECKLE EMA. *Ibhayi business game*. MPhil, 2003. Rekenaartoepassing. Studieleier: Me RO du Toit.
4. VAN DER MERWE CHJ. *Biblical Hebrew from various angles*. MPhil, 2003. Rekenaartoepassing. Studieleier/medestudieleier: Me RO du Toit/prof HR Kussler.

### Magister lopend/Master's current

1. BRUNKE RL. *Deutsch live. A bridging course between the first and second year of German as a foreign language for university students in the Western Cape*. MPhil Studieleier: Me RO du Toit.
2. LEMMER HE. *"Ich kann Deutsch"! – Ein Deutschkurs für den Auslandsdienst (Zweite Stufe)*. MPhil Studieleier: Me RO du Toit.

3. MASHA RK. *A case study investigating the essay writing skills of Eastern Cape Technikon education students using the Writing Process Workshop Language software*. MPhil Studieleier: Me RO du Toit.
4. ROUSSEAU N. *Fostering learner autonomy in the second language classroom with Computer Assisted Language Learning in a supportive role*. MPhil Studieleier: Me RO du Toit.
5. WILLEMSE CL. *Deutsch für Klasse 8*. MPhil Studieleier: Me RO du Toit.

## MUSIEK / MUSIC

### Tydskrifartikels/Journal articles

1. SMIT M. Bemagtiging van musiekopvoeders: die skep van 'n gesonde selfbeeld. *Tydskrif vir Geesteswetenskappe* 2003; **43**(3): 237-248.

### Verrigtinge internasionaal/Proceedings international

1. SMIT M. *E-learning in music: insights gained from the compilation of an electronic database on African music terms*. 6th International TAMA Conference (Terminology in Advanced Management Application). Pretoria, South Africa, 2003: 167-171.

### Referate internasionaal/Papers international

1. LÜDEMANN WA. *Musical diversity: the challenge to our discipline*. 39th RMA Annual Conference 2003 on Music Historiography. School of Music, Cardiff University, Cardiff, UK, 2003.

### Referate nasionaal/Papers national

1. SMIT M. *Bi-musicality – is it commendable and possible in the South African music education system?* Second Swedish-South African Research Network Seminar. Pretoria, 2003.

### Hoofstukke in boeke/Chapters in books

1. HERBST T, HERBST A, NZEWI M, TRACEY A. Technology in African music studies. In: Herbst A, Nzewi M, Agawu K, (eds). *Musical Arts in Africa. Theory, Practice and Education*. Unisa Press, Pretoria, South Africa, 2003: 13.

### Kreatiewe werk/Creative work

1. HERBST T. Music concert. *Performance of music composition, "Skadu Musiek", with the KEMUS Ensemble*. Stellenbosch, 2003.
2. HERBST T. Music concert. *Performance of music composition, "Dialogue", with the KEMUS Ensemble*. Stellenbosch, 2003.
3. HERBST T. Music concert. *Stockhausen 75. Music concert with works by Stockhausen, with the KEMUS Ensemble as part of the Grahamstown Arts Festival*. Grahamstown, 2003.
4. HERBST T. Music concert. *Won first prize with the composition "Alles daai" at the What is Life Art Competition, presented with artworks by Elmarie van der Merwe*. Cape Town, 2003.
5. MARTENS S. Music concert. *Music concert as part of Allegri Trio, works by Mozart, Schubert, Saint-Saëns and Rachmaninov*. Pretoria, 2003.
6. MARTENS S. Music concert. *Music concert as part of Allegri Trio, works by Mozart, Shostakovich and Mendelssohn as part of the Cape Town Concert Club Series*. Cape Town, 2003.
7. MARTENS S. Music concert. *Music concert as part of Lyric Trio, works by Schubert and Ravel*. Stellenbosch, 2003.

8. MARTENS S. Music concert. *Music concert as part of Rosamunde Quartet with Peter Martens, works by Schubert, Boccherini, Dvorak and Mozart, as part of Grahamstown Arts Festival.* Grahamstown, 2003.
9. MARTENS S. Music concert. *Music concert as part of Rosamunde String Quartet, works by Schubert as part of Schubert Festival.* Bloemfontein, 2003.
10. MARTENS S. Music concert. *Music concert as part of Schwietering Quartet and with Matthew Reid, works by Mozart and Brahms.* Paarl, 2003.
11. MARTENS S. Music concert. *Music concert as part of Schwietering Quartet, works by Beethoven, Dvorak and Shostakovich.* Cape Town, 2003.
12. MARTENS S. Music concert. *Music Concert as part of the SA Chamber Orchestra, conducted by Gerard Korsten, works by Mozart and Stravinsky.* Pretoria, 2003.
13. MARTENS S. Music concert. *Music concert as part of the Schwietering Quartet, works by Dvorak as part of the Dvorak Festival.* Bloemfontein, 2003.
14. MARTENS S. Music concert. *Music concert with Piet de Beer, Marina Louw, Peter Martens and Marian Lewin, String Quintets by Boccherini and Schubert.* Montague, 2003.
15. NELL MD. Master classes. *Organ master classes.* Presbyterian University, Seoul, Korea, 2003.
16. NELL MD. Music competition. *Official accompanist of the 2003 Sanlam National Music Competition.* Cape Town, 2003.
17. NELL MD. Music concert. *Solo organ recital, works by Bruhns, Bach and Reger.* Pretoria, 2003.
18. NELL MD. Music concert. *Solo organ recital, works by Pachelbel, Bach, Pierné, Grison and Eben.* Port Elizabeth, 2003.
19. NELL MD. Music concert. *Solo organ recital.* Presbyterian University Hall, Seoul, Korea, 2003.
20. NELL MD. Music concert. *Soloist with the Stellenbosch University Symphony Orchestra, conducted by Omri Hadari, Guilmant Symphony nr 1, as part of the Stellenbosch Festival.* Stellenbosch, 2003.
21. NELL MD. *Presented course in performance practice for UNISA examiners.* University of Cape Town, 2003.
22. ROOSENSCHOON H. Music concert. *Completion and premiere performance of "Speculum Musicae".* Stellenbosch, 2003.
23. ROOSENSCHOON H. Music concert. *Performance of composition "Solar Winds".* Stellenbosch, 2003.
24. ROUX M. Master classes. *Cello master classes as part of the "Neuberger Kulturtag".* Neuberg, Austria, 2003.
25. ROUX M. Music concert. *Music concert as part of the Stellenbosch Baroque Ensemble.* Stellenbosch, 2003.
26. SCHUMANN NV. Master classes. *Piano master classes at Feira International Music Festival.* Vila da Feira, Portugal, 2003.
27. SCHUMANN NV. Music concert. *Chamber Music & Opera Production, Orff Carmina Burana, Bartok Sonata for two pianos and percussion.* Coliseu, Portugal, 2003.
28. SCHUMANN NV. Music concert. *Chamber Music Concert, works by Prokofiev and Brahms, as part of Feira International Music Festival.* Teatro Municipal, Vila de Feira, Portugal, 2003.
29. SCHUMANN NV. Music concert. *Chamber Music Recital, works by Schubert, as part of the Viana de Castelo International Chamber Music Festival.* Viana de Castelo, Portugal, 2003.
30. SCHUMANN NV. Music concert. *Chamber Music, works by Schnittke, as part of the Viana de Castelo International Chamber Music Festival.* Viana de Castelo, Portugal, 2003.
31. SCHUMANN NV. Music concert. *Four Hands Piano Recital with Luis Magalhaes, works by Rachmaninov, as part of Guimaraes Festival.* Guimaraes, Gaco dos Cuques, Portugal, 2003.

32. SCHUMANN NV. Music concert. *Piano Duo Recital and Solo Recital, works by Rachmaninov, as part of Guimaraes Festival.* Gaco dos Duques, Guimaraes, Portugal, 2003.
33. SCHUMANN NV. Music concert. *Piano recital for Four Hands with Luis Magalhaes, works by Beethoven, Rachmaninov, Debussy and Brahms.* Lisbon, Portugal, 2003.
34. SCHUMANN NV. Music concert. *Soloist with Feira Youth Symphony Orchestra, Chopin Piano Concerto nr 1.* Europarque, Porto, Portugal, 2003.
35. SCHUMANN NV. Music concert. *Soloist with Porto National Symphony Orchestra, direct radio broadcast, Saint-Saëns Carnival of the Animals.* Mosteiro de Sao Bento da Vitoria, Porto, Portugal, 2003.
36. SCHUMANN NV. Music concert. *Soloist with the Johannesburg Philharmonic Orchestra, Rachmaninov Piano Concerto nr 4.* Johannesburg, 2003.
37. SCHUMANN NV. Music concert. *Soloist with the Stellenbosch University Symphony Orchestra, Rachmaninov Piano Concerto nr 2, part of Rachmaninov Festival.* Stellenbosch, 2003.
38. SCHUMANN NV. Music concert. *Two pianos recital with Francois du Toit, works by Rachmaninov, part of Rachmaninov Festival.* Stellenbosch, 2003.
39. SCHUMANN NV. Music concert. *Two pianos recital with Luis Magalhaes, works by Beethoven, Ravel and Stravinsky, Kunstwerkstatt am Hellweg.* Bochum, Germany, 2003.
40. SCHUMANN NV. Music concert. *Voice and Piano Recital with Liliana Bizineche-Eisinger, works by Rachmaninov and Khumalo, part of Rachmaninov Festival.* Stellenbosch, 2003.
41. TEMMINGH RW. Music concert. *Performance of compositions "Sonata for violin and piano" and "Quartett über den Namen riCHArD HermAnn BEHrEnS", as part of the Rachmaninov Festival.* Stellenbosch, 2003.
42. VAN DER WATT L. Music concert. *Concert Master and director of the orchestra performing with the Stellenbosch Libertas Choir, performance of Handel's Messiah.* Stellenbosch, 2003.
43. VAN DER WATT L. Music concert. *Conductor: Bloemhof Orchestra, Carnival of the Animals by Saint-Saëns with Philip de Vos.* Stellenbosch, 2003.
44. VAN DER WATT L. Music concert. *Conductor: Canticum Novum (Stellenbosch University Church Choir), whole of 2003.* Various, 2003.
45. VAN DER WATT L. Music concert. *Conductor: Stellenbosch University Symphony Orchestra and Canticum Novum, Mozart Credo Mass and Schubert Mass nr 1.* Stellenbosch, 2003.
46. VAN DER WATT L. Music concert. *Part-time conductor of the City Choir of Tygerberg, having several performances in Moorreesburg, Strand, Franschoek and Cape Town.* Various, 2003.
47. VAN EEDEN BH. Music concert. *Cello and Piano recital, with Anmari van der Westhuizen, works by Schubert, Popper and Ginastera.* Parow, 2003.
48. VAN EEDEN BH. Music concert. *Chamber music concert as part of collage, SA premiere of Hans Huysen's "The Cattle has gone astray", as well as works by Handel, Hofmeyr, Piazzolla, Kling and Albie Louw.* Stellenbosch, 2003.
49. VAN EEDEN BH. Music concert. *Chamber music concert as part of the collage ensemble, works by Haydn, Huysen, Piazzolla, Kling, Popper, Schoker and Weber.* Worcester, 2003.
50. VAN EEDEN BH. Music concert. *Chamber music concert as part of the collage ensemble, works by Bach, Von Paradies, Hasse, Donizetti, Weber, Bizet, Verdi and Yradier.* Waterfront, Cape Town, 2003.
51. VAN EEDEN BH. Music concert. *Solo piano recital, works by Bach, Beethoven, Debussy and Chopin.* Somerset West, 2003.
52. VAN EEDEN BH. Music concert. *Soloist with the Lona Antoniadis Symphony Orchestra, as part of the Stellenbosch Festival, Beethoven Piano Concerto nr 4.* Stellenbosch, 2003.
53. VAN EEDEN BH. Music concert. *Song and Piano Performance as part of "Wellingtonner of the Year Function", works by S le Roux Marais, Johannes Joubert and Leoncavallo.* Wellington, 2003.

54. VAN EEDEN BH. Music concert. *Voice and Piano Recital with André Serfontein, works by Malotte, Quilter, Bizet and Rutter*. Cape Town, 2003.
55. VAN EEDEN BH. Music concert. *Voice and Piano Recital with André Serfontein, works by Schubert, Fauré, Arnold van Wyk and Sinding*. Strand, 2003.

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

1. JACOBS LM. *Aanvangsonderrig van klaviervaardighede aan volwassenes binne groepsverband*. DMus, 2003. 94 pp Promotor: Prof H Hofmeyr (UCT).

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

1. HAYWARD M. *Die Suid-Afrikaanse vrou as komponis in die twintigste eeu, met spesiale verwysing na die rol en betekenis van Rosa Neppgen (1909-2000)*. DPhil Promotor: Prof IJ Grové.
2. JANSE VAN RENSBURG A. *Songwriting in adolescence: an ethnographic study in the Western Cape*. DPhil Promotor: Dr M Smit.
3. WOOTTON JE. *Teaching music to blind learners: an alternative approach*. DPhil Promotor: Dr M Smit.

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

1. MARITZ K. *Aspekte van die Franse Barokstyl: Riglyne vir blokfluitonderwysers by die aanleer van ornamentering*. MMus, 2003. 282 pp. Studieleier: Dr M Smit.
2. MOSSOLOW AXS. *The career of South African soprano Nellie du Toit, born 1929*. MMus, 2003. 262 pp. Studieleier: Me ACM Fick.
3. SCHEFFLER M. *Die invloed van musiekstimulering op die ontwikkeling van die Downsindroomkind: 'n holistiese benadering*. MMus, 2003. 178 pp. Studieleier: Dr M Smit.
4. SMIT I. *Die benutting van multimedia by musiekonderrig op hoërskool en voorgraadse vlak*. MMus, 2003. 149 pp. Studieleier: Dr M Smit.

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1. AMORAAL JE. *Die ontwikkeling van blokfluitspel en -onderrig in Suid-Afrika*. MMus Studieleier: Prof WA Lüdemann.
2. CRONJÉ M. *Designing a hyper-instrument with gesture interface for musical performance*. MPhil Studieleier: Mnr T Herbst.
3. DAVIDS J. *Die aanwending van groepsmusikaktiwiteite in die ontwerp en implementering van 'n klavierkurrikulum vir Suid-Afrikaanse laerskole*. MMus Studieleier: Dr M Smit.
4. DU PREEZ JD. *'n Analitiese ondersoek na die "Variationen und Fuge über ein Thema von J.S. Bach, op. 81" van Max Reger*. MMus Studieleier: Prof WA Lüdemann.
5. ENGEL AW. *Die geskiedenis van die Broederkerk Blasiersbond van Suid-Afrika*. MMus Studieleier: Prof WA Lüdemann.
6. FOURIE C. *Assessment methods in the arts and culture learning area*. MMus Studieleier: Dr M Smit.
7. JEFFERY C. *An analytical study of Arnold Schoenberg's Third String Quartet, op. 30*. MMus Studieleier: Prof IJ Grové.
8. KIRSCH SH. *Psychological aspects of piano teaching at tertiary level*. MMus Studieleier: Prof WA Lüdemann.
9. KOCH-LOCHNER A. *Music for the pre-school child based on the developmental stages: guidelines for parents*. MMus Studieleier: Dr M Smit.
10. LOUW M. *Co-ordinating mind and movement: Exploring parallels between the principles of the FM Alexander Technique and "The New Approach to Violin playing"*. MMus Studieleier: Dr M Smit.
11. LUDIK F. *The child and church music*. MMus Studieleier: Dr M Smit.
12. MALAN SR. *Cultural awareness and its implications for integrated arts in the foundation phase*. MMus Studieleier: Dr M Smit.

13. MARTENS S. *'n In-diepte vakdidaktiese ontleding van sekere 20ste eeuse vioolkomposisies*. MMus Studieleier: Dr M Smit.
14. MATTHAEI P. *Automatic music transcription: an exploratory study*. MScIng. Studieleier/medestudieleier: Prof J Lourens/mnr T Herbst.
15. MEIJER H. *Research into and design of a digital sound sample*. MPhil Studieleier: Mnr T Herbst.
16. OLIVIER H. *Affective reactivity to South African advertisement music: an interdisciplinary perspective*. MPhil Studieleier: Mnr T Herbst.
17. SANDERSON C. *Computer-assisted aural training*. MMus Studieleier: Dr M Smit.
18. SMAL D. *Die invloed van musiekonderrig op die selfbeeld van die leerder met aandag-afleibaarheid-hiperaktiwiteit*. MMus Studieleier: Dr M Smit.
19. STRAUSS CJD. *Tidal sound wave: an interdisciplinary investigation into dance*. MPhil Studieleier: Mnr T Herbst.
20. VAN DER WATT L. *Cognitive aspects of violin training*. MMus Studieleier: Dr M Smit.
21. VAN ZYL WA. *Musical signification of ideological content in a selected repertoire of punk music: an analytical and empirical investigation*. MMus Studieleier: Prof WA Lüdemann.
22. VON DÜRCKHEIM MONTMARTRE G. *Non-Western flute related instruments*. MMus Studieleier: Prof IJ Grové.

**POLITIEKE WETENSKAP**  
**(waarby ingesluit die Sentrum vir Internasionale**  
**en Vergelykende Politiek) /**  
**POLITICAL SCIENCE**  
**(including the Centre for International and Comparative Politics)**

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14. RIGGLE E, GOUWS A. Political tolerance in South Africa: self-discrepancy and change. *Politikon* 2003; **30**(2): 149-163.
15. SEVENHUIJSEN S, BOZALEK V, GOUWS A, MINNAAR-MCDONALD M. South African Social Welfare Policy: a analysis using the ethic of care. *Critical Social Policy*. 2003; **23**(3): 299-321.
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4. DU TOIT PvdP. *Parity of esteem: a conceptual framework for assessing peace processes, with an application to the South African case*. Conference on Peacebuilding after Peace Accords. University of Notre Dame, South Bend, USA, 2003.
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9. NEL PR. *Income inequality within Africa: the neglected dimension*. Annual Convention of the International Studies Association. Portland, USA, 2003.

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13. VAN DER WESTHUIZEN J. *On a symbolic power trip: South Africa's use (and abuse) of global events*. 19th International Political Science Association's World Congress. Durban, South Africa, 2003.
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1. DAVIES RJ. *Globalisation, neo-liberalism and Afrikaner identity after Apartheid: a Gramscian analysis*. DPhil Promotor: Prof PR Nel.
2. JORDAAN E. *Not facing the other? A Levinasian perspective on global poverty and transnational responsibility*. DPhil Promotor: Prof PR Nel.
3. JOSEPH T. *Mainstreaming women in development: a gender evaluation of the United Nations Development Programme in South Africa*. DPhil Promotor: Prof A Gouws.
4. KEULDER CJ. *Namibia's electoral and party systems: 1989-1999*. DPhil Promotor: Prof HJ Kotzé.
5. LALA N. *Parliamentary oversight in South Africa, 1997-2002*. DPhil Promotor: Prof HJ Kotzé.
6. MATTHEE H. *Muslim identity and political strategies in the Western Cape*. DPhil Promotor: Prof PvdP du Toit.
7. NIJZINK HW. *Constraints on and opportunities for the institutional development of South Africa's new parliament: an exploratory case study*. DPhil Promotor: Prof HJ Kotzé.
8. SMITH K. *Global structural transformation: prospects and challenges*. DPhil Promotor: Prof PR Nel.
9. THIEL HPE. *Political protest in post-Apartheid South Africa: the impact of values*. DPhil Promotor: Prof PvdP du Toit.

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1. ABENDANON L. *Debt relief for economics or for the people? A critical analysis of the heavily indebted poor countries initiative*. MA, 2003. 123 pp. Studieleier: Prof PR Nel.
2. APRIL A. *Swiss foreign policy towards post-Apartheid South Africa*. MA, 2003. 121 pp. Studieleier: Prof PR Nel.
3. RAMMUTLE RB. *Foreign aid and NGO-state relations in South Africa: post-1994 developments*. MA, 2003. 79 pp. Studieleier: Dr AJ Leysens.
4. VAN NIEKERK M. *Weak states and child soldiering in Africa: contextual factors*. MA, 2003. 114 pp. Studieleier: Prof WJ Breytenbach.
5. VAN SCHALKWYK DC. *Vervalle state, hulpbronoorloë en vredemaking: die geval Sierra Leone*. MA, 2003. 93 pp. Studieleier: Prof WJ Breytenbach.

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2. COETZEE C. *Norms, Identity and Zimbabwe: An Evaluation of South Africa's Foreign Policy*. MA Studieleier: Dr J van der Westhuizen.
3. DU TOIT FR. *Neoliberalism, economic growth, inequality and poverty alleviation in South Africa: an evaluation*. MA Studieleier: Dr AJ Leysens.
4. ELLIS E. *Global taxes and a more equitable global political economy: a feminist analysis*. MA Studieleier: Dr S Cornelissen.
5. KANGAS L. *Is the Namibian democracy consolidated?* MA Studieleier: Prof WJ Breytenbach.

6. KARLSBAKK A. *International norm changes and the quest for affordable HIV/Aids medication in South Africa*. MA Studieleier/medestudieleier: Me UL Adams/dr J van der Westhuizen.
7. KOTZÉ B. *Trade and investment policies: SA and South East Asia compared*. MA Studieleier: Prof WJ Breytenbach.
8. MANDLA B. *Black empowerment and Bumiputera's: comparing ethnic redistribution with growth in Malaysia and South Africa*. MA Studieleier: Dr J van der Westhuizen.
9. McDONALD LJ. *Crime in South Africa: a public policy analysis*. MA Studieleier: Prof PvdP du Toit.
10. NEL R. *Expanding upon the Japan-South Africa commercial relationship*. MA Studieleier: Dr M Davies.
11. REUTER M. *New world order masculinity in Nato: the evolution from a military defence alliance to regional peacekeeper*. MA Studieleier: Prof A Gouws.
12. STEWART G. *The national machinery for women – policy and influence: a case study of the domestic violence act*. MA Studieleier: Prof A Gouws.
13. SWART M. *The origins of feminist identity*. MA Studieleier: Prof A Gouws.
14. VAN GINKEL D. *Future economic and political implications of China's entry into the WTO*. MA Studieleier: Dr M Davies.
15. VISSER P. *The political economy of financial globalisation: implications for South Africa*. MA Studieleier: Dr AJ Leysens.
16. WILKINS N. *Developing Cape Town into a sustainable, major international sports destination*. MA Studieleier: Dr S Cornelissen.

## SIELKUNDE / PSYCHOLOGY

### Tydskrifartikels/Journal articles

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2. COETZEE M, SPANGENBERG JJ. Coping and quality of life in people with HIV/AIDS: a review. *Acta Academica* 2003; **35**(3): 205-222.
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5. FAURE S, LOXTON HS. Anxiety, depression and self-efficacy in women undergoing first trimester abortion. *South African Journal of Psychology* 2003; **33**(1): 28-38.
6. KAGEE SA. Concerns about the effectiveness of critical incident stress debriefing and ameliorating stress reaction. *Critical Care* 2003; **6**(1): 88.
7. KAGEE SA. Response to Gilbert & Walker 'Treading the path of least resistance'. *Social Science & Medicine* 2003; **56**: 2565.
8. KAGEE SA, NAIDOO P. Health psychology in family practice: Fulfilling a vital need. *South African Family Practice* 2003; **45**(8): 7-10.
9. KAGEE SA, NAIDOO AV, VAN WYK SB. Building communities of peace: the South African experience. *International Journal for the Advancement of Counselling* 2003; **25**(4): 225-234.
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13. NAIDOO AV, JANO R. The role of employee assistance programmes (EAPs) in the South African context. *Maatskaplike Werk Navorsing-Praktisyen/Social Work Practitioner-Researcher* 2003; **15**(2): 113-127.
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24. VAN DER MERWE AP, GREEFF AP. Coping mechanisms of unemployed African men with dependents. *American Journal of Family Therapy* 2003; **31**(2): 91-105.
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1. WAIT JW, MEYER JC, LOXTON HS. *Klasnotas vir menslike ontwikkeling. [Lecture notes in human development].* Ebony Books, Bellville, 2003. 210 pp.

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5. NAIDOO AV, SHABALALA NJ, BAWA U. Community psychology. In: Nicholas L, (ed.). *Introduction to Psychology.* UCT Press, Cape Town, 2003: 423-456.
6. NAIDOO AV, VAN WYK SB. Intervening in communities: combining curative and preventive interventions. In: Franchi V, (ed.). *Prevention and Intervention Practice in Post-Apartheid South Africa.* The Haworth Press Inc., New York, USA, 2003: 65-80.

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1. BOTHA JAJ. *'n Program vir die huweliksontwikkeling van migrante egpare.* DPhil Promotor: Dr AP Greeff.
2. CONRADIE WS. *Designing a competency profile for the development trainer as an outdoor leader in adventure programming in South Africa.* DPhil Promotor: Prof TWB van der Westhuysen.
3. DREYER L. *Narratiewe groepsterapie met adolessente: die ontwikkeling van 'n alternatiewe voorkomingsmodel.* DPhil Promotor: Prof AV Naidoo.
4. LOCKHAT MR. *Phenomenology of posttraumatic stress disorder in adolescents in the Western Cape.* DPhil Promotor: Prof AT Möller.
5. LOHANN CA. *Die beleving van koherensie, coping strategieë en werkstevredenheid.* DPhil Promotor: Dr AP Greeff.
6. LOXTON HS. *Expressed fears and coping mechanisms of a selected group of pre-school children.* DPhil Promotor: Prof TWB van der Westhuysen.
7. MARSHALL J. *The development of a psychological programme within the context of health psychology to assist parents of children with cystic fibrosis.* DPhil Promotor: Dr JWvS Wait.
8. MAY CE. *Factors affecting the career development of female technicon students: a causal model.* DPhil Promotor: Prof AV Naidoo.

9. PETTY CR. *The psychopathology of self-control in the context of criminal capacity in South Africa*. DPhil Promotor: Prof LP Swartz.
10. STRAUSS W. *Variables associated with resiliency factors in single-parent families affected by HIV/AIDS*. DPhil Promotor: Dr AP Greeff.
11. THERON JC. *Exposure in the treatment of posttraumatic stress disorder*. DPhil Promotor: Prof AT Möller.
12. VAN DER WESTHUIZEN LeR. *Significant others and the activation of interpersonal scripts*. DPhil Promotor: Prof AT Möller.
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3. ROHLER P. *"What I did is just talk; nothing else". The experience of HIV/AIDS counsellors attached to Lifeline, Khayelitsha, Cape Town*. MA, 2003. 112 pp. Studieleier: Prof LP Swartz.
4. TECLE HG. *The psychometric properties of the Paper and Pencil Games Level 2 for Tigrigna-speaking children in Eritrea*. MA, 2003. 103 pp. Studieleiers: Prof GP de Bruin en mnr HR Steel.
5. WATSON N. *An analysis of schema theory and learning theory as explanations for variance in adolescent adjustment to divorce*. MA, 2003. 108 pp. Studieleier: Dr AP Greeff.

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

1. ELBERS D. *Implicit association task as measure of threat-related associations in information processing in social phobia and panic disorder*. MA Studieleier: Dr C Nortje.
2. HECTOR RA. *Implementing the sustainable livelihood methodology in the Buffeljags coastal community: a case study in community development*. MA Studieleier: Prof AV Naidoo.
3. JONES RM. *The relationship between post-traumatic stress symptoms, coping style, perceived social support, and extent of service experience within the Western Cape police force*. MA Studieleier: Dr SA Kagee.
4. KONKEL PAA. *The psychological concerns of female farmworkers in the Western Cape: a grounded theory study*. MA Studieleier: Dr L-M Kruger.
5. MALAN C. *The relationship between emotional intelligence, androgyny and self-concept*. MA Studieleier: Prof JJ Spangenberg.
6. NAUDE J. *Pedosexuality: a postmodern perspective*. MSc Studieleier: Mnr CR Petty.
7. NEL AJ. *The relationship between direct and indirect aggression and interpersonal competence among different ethnic groups in South Africa*. MA Studieleier: Me WH Theron.
8. SAHARIN V. *The development of a sense of competency for mothers of VLBW babies through kangaroo mother care*. MA Studieleier: Dr JWvS Wait.
9. SMYTH LD. *Examining the meaning of social support for HIV positive women*. MA Studieleier: Prof AV Naidoo.
10. SOLOMONS AJ. *Gesinsveerkragtigheid by arm enkel-ouergesinne*. MSc Studieleier: Dr AP Greeff.
11. STORKEY K. *Exploring mothers' and daughters' constructions of sexuality*. MA Studieleier: Dr L-M Kruger.
12. VAN DER MERWE E. *Black women's experience of condom sex*. MA Studieleier: Dr E Lesch.
13. WADDINGTON GA. *The influence of personality type and sense of coherence on coping with bereavement*. MSc Studieleier: Prof AV Naidoo.

**Tydskrifartikels/Journal articles**

1. BEKKER SB, CRAMER JWPM. Coloured migration in the Cape region at the beginning of the 21<sup>st</sup> century. *Acta Academica* 2003; **Supplement**(1): 105-129.
2. BEKKER SB, LEILDE AC. Le nouveau lexique identitaire sud-africain: état de lieux dans la province du Cap Occidental. *Temps Modernes* 2003; **58**(623): 22.
3. BEKKER SB, LEILDE AC. 'Residents' perceptions of developmental local government: exit, voice and loyalty in South African towns. *Politeia: Tydskrif vir Politieke Wetenskappe* 2003; **22**(1): 144-165.
4. ROBINS SL. The return of ethnographic authority? Comment on Adam Kuper's "The Return of the Native". *Current Anthropology* 2003; **44**(3): 398-402.
5. ROBINS SL. Whose modernity? Indigenous modernities and land claims after Apartheid. *Development and Change* 2003; **34**(2): 265-285.
6. VAN DER MERWE IJ, BEKKER S. Urbanization: an interdisciplinary approach to a complex phenomenon. *Social Work* 2003; **39**: 18-25.

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1. BEKKER SB, KRITZINGER AS. *Genero, hogar y desigualdad en Sudafrica. (Gender household and inequality in South Africa: a Western Cape case)*. Genero y poblacion: Una perspectiva internacional. UCM, Madrid, Portugal, 2003: 11.
2. CHIFFOLEAU Y, DREYFUS F, EWERT JW, MARTIN C, TOUZARD JM, WILLIAMS G. *Qualite et solidarite dans les cooperatives viticoles – Afrique du Sud et Languedoc des enjeux communs*. Paris, France, 2003: 15.
3. ROBINS SL. *Global warnings: urban governance in the Cape of Storms*. The spatial form of socio-political change: progress and prospects of post-apartheid Cape Town. University of Western Cape, Cape Town, South Africa, 2003: 28.

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**Referate internasionaal/Papers international**

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2. EWERT JW, DU TOIT A. *Insiders and outsiders: restructuring and rural livelihoods in the South African wine industry*. Workshop: Standards, trade and value-chains: what role for developing countries? Copenhagen, Denmark, 2003.
3. KRITZINGER AS. *Gender relations and the informalisation of farm employment: insecurity, social protection and women contract workers in South African fruit exports*. 20th Biennial Congress of the European Society for Rural Sociology. Sligo, Ireland, 2003.
4. ROBINS SL. *Health citizenship in a time of AIDS*. Paper delivered at the Department of Social Anthropology, Bergen University. Bergen, Norway, 2003.
5. STEYN PS, MOUTON J. *Are we doing enough regarding sexual education?* The AGM and Annual Symposium of the Faculty of Family Planning and Reproductive Health of the Royal College of Obstetricians and Gynaecologists. Manchester, UK, 2003.
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7. STEYN PS, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour in a developing country*. The AGM and Annual Symposium of the Faculty of Family Planning and Reproductive Health Care of the Royal College of Obstetricians and Gynaecologists. Manchester, UK, 2003.
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3. GROENEWALD CJ. *Translating research into policy*. Population Conference: Urban and Rural Sustainable Development. Potchefstroom, 2003.
4. KRITZINGER AS. *The global-local nexus: women labouring on South African farms*. Professorale Intreerede, Universiteit Stellenbosch. Stellenbosch, 2003.
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6. ROBINS SL. *The colour of science: AIDS, science and citizenship after apartheid*. Guest lecture, University of Cape Town Medical School. Cape Town, 2003.
7. ROBINS SL. *Discussant for Prof Jim Butterfield's paper, civil society and the state: setting the public agenda in South Africa*. Seminar Series: Centre for African Studies. UCT, Cape Town, 2003.
8. ROBINS SL. *Discussant for Prof Venessa Watson's paper: interpretations of place and territory in African cities – implications for formal planning systems*. Seminar Series: Centre for African Studies. UCT, Cape Town, 2003.
9. ROBINS SL. *Grounding globalization from below: global citizenship in local spaces*. Seminar Series: Centre for African Studies. UCT, Cape Town, 2003.
10. ROBINS SL. *Reclaiming bodies, extending citizenship: health activism in a time of AIDS*. Annual Conference of Anthropology Southern Africa (ASA). University of Cape Town, Cape Town, 2003.
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13. STEYN PS, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour*. Joint Population Conference: Urban and Rural Sustainable Development. Potchefstroom, 2003.

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16. STEYN PS, MOUTON J. *Development and validation of a questionnaire and CD-ROM information package on high-risk behaviour and reproductive health education in adolescents*. The 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
17. STEYN PS, MOUTON J. *Sexuality education in schools is not effective*. 47<sup>th</sup> Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
18. STEYN PS, MOUTON J. *Should we do more in schools with regards to sexuality education?* 10th Reproductive Health Priorities Conference. Fourways, Johannesburg, 2003.
19. STEYN PS, MOUTON J. *This adolescent thing – a waste of time or not enough social marketing?* 47<sup>th</sup> Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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1. BARRIENTOS S, KRITZINGER AS. The poverty of work and social cohesion in global exports: the case of South African Fruit. In: Chidester D, Dexter P, James W, (eds). *What Holds us Together: Social Cohesion in South Africa*. HSRC Press, Cape Town, 2003: 22.
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7. ROBINS SL. 'Grounding globalization from below'. Global citizens in local spaces. In: Chidester D, Dexter P, James W, (eds). *What Holds us Together: Social Cohesion in South Africa*. HSRC Publishers, Cape Town, 2003: 33.

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9. VAN DER WAAL CS. Fieldwork. In: Rossouw D, (eds). *Intellectual Tools. Skills for the Human Sciences*. Van Schaik, Pretoria, 2003: 9.

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1. BEKKER SB, MONGWE R, MULLER GJ, MYBURGH K. *History textbooks and learning support materials at South African state secondary schools – an analysis*. Dept of Sociology, Stellenbosch University, 2003. 39 pp.
2. BEKKER SB, MYBURGH K. *Identifying and approving projects within the Poverty Alleviation Programme of the South African National Road Agency Ltd*. Dept of Sociology, Stellenbosch University, 2003. 17 pp.
3. KRITZINGER AS. *The status of feminism and feminist theory*. Dept of Sociology, Stellenbosch University, 2003. 59 pp.

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1. HEAP M. *Crossing social boundaries and dispersing social identity: tracing deaf networks from Cape Town*. DPhil, 2003. 237 pp. Promotor/medepromotor: Dr SF Frankental/prof CJ Groenewald.
2. MAVHUNGU KN. *Witchcraft and the state: a comparative study of Kom and Venda witchcraft*. DPhil, 2003. 235 pp. Promotor/medepromotor: Prof NV Ralushai/prof SB Bekker.

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

1. ABRAHAMS MA. *Assessing community development in South Africa. a case study in theory-driven evaluation*. DPhil Promotor/medepromotor: Prof CJ Groenewald/prof J Mouton.
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### **Magister afgehandel/Master's completed**

1. APOLLIS HC. *Exploring correctional supervision, focusing on the probationer*. MPhil, 2003. 141 pp. Studieleier/medestudieleiers: Prof S Green/prof AS Kritzinger en mnr WF van Aswegen.
2. BANGWANABUSA T. *Participation of rural communities in development policy and practice: the South African experience and its relevance to Rwanda*. MA, 2003. 201 pp. Studieleier/medestudieleier: Prof SB Bekker/prof CJ Groenewald.
3. CELE BG. *The utility of university-industry partnerships: a case study of the University of Cape Town (UCT) and SASOL*. MPhil, 2003. 121 pp. Studieleier: Prof J Mouton.
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16. XABENDLINI NR. *Local Identities developing in the two Western Cape towns: Stellenbosch and Wellington*. MPhil, 2003. 119 pp. Studieleier: Prof SB Bekker.

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1. ARNOLDS L. *The implementation of a community-based youth mentorship programme*. MPhil Studieleier: Prof S Green.
2. BALT M. *Leadership development among youth in the African context*. MPhil Studieleier: Prof SB Bekker.
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32. MOOS AV. *Freedompark: plakkers en spaarskemas*. MPhil Studieleier: Prof CS van der Waal.
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49. SMIT GG. *Civilian right, civilian plight*. MPhil Studieleier: Prof SB Bekker.
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54. VAN WIELLING RA. *'n Verkennende studie oor die "Taxiqueen" verskynsel in die Wes-Kaap*. MPhil Studieleier/medestudieleier: Prof AS Kritzinger/mnr WF van Aswegen.
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**FAKULTEIT  
NATUURWETENSCHAPPE**

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### Hoofstukke in boeke/Chapters in books

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### Patente/Patents

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3. VADYVALOO V. *Changes in cell surface and metabolism associated with strains of Listeria monocytogenes displaying different sensitivities to class IIa bacteriocins*. PhD, 2003. 118 pp. Promotor/medepromotor: Dr M Rautenbach/prof JW Hastings.

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1. AFRICANDER D. *A study of the mechanism of action of the injectable contraceptives, medroxyprogesterone acetate and norethindrone enanthate*. PhD Promotor: Prof JP Haggood.
2. ALLIE Z. *The separation of endocrine disrupting chemicals from purified wastewaters by affinity-based membrane filtration*. PhD Promotor/medepromotor: Prof P Swart/dr EP Jacobs.
3. BOTES A. *Immunological and epidemiological investigations in South African ostriches and penguins*. PhD Promotor: Prof DU Bellstedt.
4. BROWN N. *The characterization of baboon cytochrome P450 11 beta hydroxylase*. PhD Promotor/medepromotor: Dr AC Swart/prof P Swart.
5. BYTEBIER BLG. *Molecular and morphometric systematic studies on African terrestrial Orchidaceae, focussing on Subfamily Orchidoideae, Tribe Diseae*. PhD Promotor: Prof DU Bellstedt.

6. DOWNING TG. *Modelling dynamic and steady-state phenomena in mixed cultures of heterotrophic/autotrophic micro-organisms*. PhD Promotor/medepromotor: Prof J-HS Hofmeyr/prof JM Rohwer.
7. GOVENDER S. *Non-covalent modification of ultra filtration membranes for affinity separation, fouling prevention and hydrophylisation*. PhD Promotor: Prof P Swart.
8. KOHN TA. *The adaptation of muscle*. PhD Promotor/medepromotor: Prof KH Myburgh/dr M Rautenbach.
9. KOLAR NW. *The isolation and purification of cytochrome P450-c17 (human) in Pichia pastons*. PhD Promotor: Prof P Swart.
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13. OLIVIER BG. *A multilevel approach to the design and understanding of complex metabolic systems*. PhD Promotor/medepromotor: Prof J-HS Hofmeyr/prof JM Rohwer.
14. SADIE H. *Investigation into the roles of physiological compounds and transcription factors in the transcriptional regulation of the gonadotropin-releasing hormone receptor gene in pituitary gonadotropes*. PhD Promotor: Prof JP Hapgood.
15. VAN BILJON W. *Cloning of a type II receptor for the gonadotropin-releasing hormone in humans, as well as the characterisation of both the type I and type II receptors in terms of their regulation of the gonadotropin genes*. PhD Promotor: Prof JP Hapgood.
16. VAN NIEROP S. *The role of proteins and peptides in beer foam*. PhD Promotor: Dr M Rautenbach.

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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. FERNANDES S. *Regulation of the gonadotropin releasing hormone receptor gene in gonadotrope cells by stress signals*. MSc Studieleier: Prof JP Hapgood.
5. GENADE T. *Modellering en kontrole analyse van bobbejaan adrenale steroïedogenese*. MSc Studieleier: Prof P Swart.
6. MALHERBE CJ. *Control analysis of the conversion of glucose to acetate by Saccharomyces cerevisiae and Acetobacter acetii*. MSc Studieleier: Prof JL Snoep.

7. MATZOPOULOS M. *The development of ELISA kits for the detection of potato virus Y and potato leaf roll virus in potatoes*. MSc Studieleier: Prof DU Bellstedt.
8. MRWEBI M. *The functional relationship between specific growth rate and glucose concentration in Saccharomyces cerevisiae*. MSc Studieleier: Prof JL Snoep.
9. RICHFIELD D. *Investigation of bioactive molecules in soya and Cape herbal teas*. MSc Studieleier/medestudieleier: Dr AC Swart/prof P Swart.
10. 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.
11. THIART H. *Epidemiological and immunological investigations into avian malaria in the African penguin*. MSc Studieleier: Prof DU Bellstedt.
12. VERHOOG N. *Evaluation of the phytoestrogenic activity of honeybush tea (Cyclopia)*. MSc Studieleier/medestudieleier: Dr A Louw/dr E Joubert.
13. VISMER M. *An operational model for estrogenic action in the presence of sex hormone binding globulin (SHBG)*. MSc Studieleier/medestudieleier: Dr A Louw/prof JM Rohwer.
14. VLOK NM. *The role of naturally produced cyclic peptides in the host defence of Bacillus subtilis and Bacillus brevis*. MSc Studieleier: Dr M Rautenbach.
15. WILLIAMS WT. *Development of a membrane-based affinity separation for proteins of industrial importance*. MSc Studieleier: Prof P Swart.
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**BOTANIE**  
**(waarby ingesluit die Instituut vir Plantbiotegnologie) /**  
**BOTANY**  
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2. BOUCHER C. Book review: G McCann. Seven years among the giants. *Veld & Flora* 2003; **89**(4): 159.
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### **Kreatiewe werk/Creative work**

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1. BURGER AL. *Isolation and characterisation of a developmentally regulated gene from Vitis vinefera L. Berries*. PhD Promotor: Prof FC Botha.
2. CRAVEN P. *Phytogeographic study of the Kaokoveld centre of endemism*. PhD Promotor/medepromotor: Dr LL Dreyer/prof AE van Wyk.
3. GROENEWALD JH. *Modulation of PFP activity in sugarcane*. PhD Promotor: Prof FC Botha.
4. HELLSTRÖM GB. *The role of vegetation in policy formulation and the decision-making process, in developments in coastal dune systems of the southern Cape*. PhD Promotor: Dr C Boucher.
5. NELL JS. *Genetic manipulation of sucrose storing tissue to produce alternative products*. PhD Promotor: Prof FC Botha.
6. OBERLANDER KC. *A species-level molecular phylogenetic reconstruction of Oxalis in southern Africa*. PhD Promotor/medepromotor: Dr LL Dreyer/prof DU Bellstedt.
7. O'KENNEDY MM. *Genetic enhancement of pearl millet*. PhD Promotor: Prof FC Botha.
8. ROETS F. *Ecology and systematics of African Opiostomatiod fungi*. PhD Promotor/medepromotor: Dr LL Dreyer/prof PW Crous.
9. ROSE S. *Trehalose and carbon partitioning in sugarcane*. PhD Promotor: Prof FC Botha.
10. SCHAFER W. *Characterisation of sucrose synthase (SuSy) activity in the sugarcane culm*. PhD Promotor: Prof FC Botha.
11. VAN DER MERWE J. *The characterisation of the UDP-glucose dehydrogenase gene and regulatory sequences of sugarcane*. PhD Promotor: Prof FC Botha.
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13. VERMEULEN W. *The sustainable harvesting of non-timber forest products from the indigenous forests of the southern Cape*. PhD. Promotor/medepromotors: Mnr D Pepler/drr KJ Esler en I Grundy.
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4. HENDRICKS NO. *Vegetation, soil and grazing relationships in the Middelburg region of the Eastern Cape*. MSc, 2003. 123 pp. Studieleier: Dr KJ Esler.
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2. AGENBAG L. *Phenological responses of selected plant functional types to a moisture/temperature gradient at Jonaskop, SW Cape*. MSc Studieleier/medestudieleier: Dr KJ Esler/dr GF Midgley.
3. APINDA-LEGNOUNO EA. *Pollination biology of Oxalis species in the JS Marais Park, Stellenbosch*. MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
4. BISSIENGOU P. *A morphological and anatomical comparison and profiling of selected Agathosma betulinum and A. crenulata populations in the Western Cape*. MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
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6. CAMPBELL TA. *The use of matrix models to determine optimal harvesting strategies for two Thamnochortus species (T. insignis Mast. and T. erectus (Thunb.) Mast, Restionaceae)*. MSc Studieleier/medestudieleier: Dr KJ Esler/prof D Ward.
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8. CONSTANDIUS E. *The Landdrooskop area in the Hottentots Holland Mountains as a refugium for mistbelt faunal species: a conservation analysis*. MSc Studieleier/medestudieleier: Prof P le FN Mouton/dr KJ Esler.
9. DE VILLIERS MJ. *Species level molecular phylogenetic assessment of the genus Serruria (Proteaceae)*. MSc Studieleier/medestudieleiers: Dr LL Dreyer/drr EM Marais en G Reeves.

10. FOURIE S. *An assessment of endocrine disruption activities in water and fish of the Eerste-/Kuijs River, Western Cape.* MSc Studieleier/medestudieleier: Prof JH van Wyk/dr KJ Esler.
11. GEBREGZIABHER AK. *Systematic significance of bulb morphology and anatomy in SA members of Oxalis.* MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
12. GHEBREMARIUM GE. *Assessment of old field restoration trial at Worcester: focus on weedy species O. pes-caprae.* MSc Studieleiers: Drr KJ Esler en LL Dreyer.
13. HITEN NF. *The manipulation of fructose 2,6-bisphosphate levels in sugarcane.* MSc Studieleier: Prof FC Botha.
14. HUSSELMANN L. *DNA fingerprinting and genetic diversity among commercially imported Agathosma species.* MSc Studieleier/medestudieleier: Mnr JH Groenewald/prof FC Botha.
15. KAREKO J. *The relationship between vegetation and water quality and quantity in a Stellenbosch wetland system – South Africa.* MSc Studieleier/medestudieleier: Dr C Boucher/dr KJ Esler.
16. KOEKEMOER M. *Characterisation and genetic manipulation of sugarcane neutral invertase.* MSc Studieleier: Prof FC Botha.
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18. McCORMICK A. *Expression of genes associated with primary carbon metabolism during sugarcane culm development.* MSc Studieleier/medestudieleier: Prof BI Hockett/prof FC Botha.
19. MIDGLEY JC. *The distribution of alien invasive weeds in agricultural areas and their effects on microclimate.* MSc Studieleiers: Drr MA McGeogh en KJ Esler.
20. MONAKISI C. *Effects of relocation of peoples to new environments on nutritive and medicinal use of plant species in the Cape: sustainability and availability.* MSc Studieleiers: Dr KJ Esler en prof D Ward.
21. MORTIMER P. *The carbon cost of P uptake and leaf development during initial leaf growth and mycorrhizal colonization of vine rootstocks.* MSc Studieleier: Dr AJ Valentine.
22. OBOONE C. *The taxonomic significance of ovary, fruit and seed morphology and anatomy in selected Oxalis species.* MSc Studieleier/medestudieleier: Dr LL Dreyer/dr EM Marais.
23. OLLIS D. *An assessment of the ecological health of selected rivers in the southwestern Cape using aquatic macroinvertebrates as an indicator.* MSc Studieleier/medestudieleier: Dr C Boucher/dr KJ Esler.
24. ORENDO-SMITH R. *Expression of the enzymes involved in sucrose synthesis and breakdown in strawberry fruit.* MSc Studieleier: Prof FC Botha.
25. RAITT G. *The effects of management practices on the composition of selected Renosterveld sites dominated by Themeda triandra Forssk.* MSc Studieleier/medestudieleier: Dr C Boucher/prof SJ Milton.
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**CHEMIE**  
**(waarby ingesluit die Instituut vir Polimeerwetenskap) /**  
**CHEMISTRY**  
**(including the Institute for Polymer Science)**

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6. DE GOEDE S. *Development of novel analytical techniques for the characterisation of polyolefin blends and copolymers*. PhD Promotor/medepromotor: Prof H Pasch (Darmstadt Kunststoffe Institut)/prof RD Sanderson.
7. DE VILLIERS AJ. *Evaluation of pressure and electrodriven preparation methods for the characterisation of phenolic compounds in wine*. PhD Promotor: Prof P Sandra.
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27. SALAMULA EJ. *Polypeptide-grafted polymers*. PhD Promotor: Prof RD Sanderson.
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5. BURGER MR. *A computational study of platinum chloro-anion solvation by polyethylene oxides and models thereof*. MSc Studieleier: Prof KR Koch.
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19. KIFLE HAGOS T. *Complex formation of amino acids and oxalic acid with gold(I)*. MSc Studieleier: Prof HG Raubenheimer.
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28. RAMIAH V. *Tagged polymers as coating binders*. MSc Studieleier/medestudieleier: Prof RD Sanderson/dr PE Mallon.
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### Tydskrifartikels/Journal articles

1. BUTHELEZI EZ, AARDANEH K, STEYN GF, GADIOLI E, VAN DER WALT TN, ALBERTINI F, CERUTTI F, CONNELL SH, COWLEY AA, NORTIER FM. Isobaric yields and radiochemistry of near-target residues in the interaction of  $^{12}\text{C}$  and  $^{16}\text{O}$  with  $^{103}\text{Rh}$  at an incident energy of 400 MeV. *Journal of Radioanalytical and Nuclear Chemistry* 2003; **258**(3): 649-658.
2. CEJNAR P, GEYER HB. Dynamical and invariant supersymmetry in the fermion pairing problem. *Physical Review C – Nuclear Physics* 2003; **68**: 054324-1 – 054324-9.
3. DE VILLIERS D, NORTIER FM, RICHTER WA. Experimental and theoretical excitation functions for  $^{nat}\text{Br}(p, x)$  reactions. *Applied Radiation and Isotopes* 2002; **57**: 907-913.

4. DEMBOWSKI C, DIETZ B, GRÄF H-D, HARNEY HL, HEINE A, HEISS WD, RICHTER A. Observation of a chiral state in a microwave cavity. *Physical Review Letters* 2003; **90**(3): 034101-1 – 034101-4.
5. GADIOLI E, STEYN GF, ALBERTINI F, BIRATTARI C, CAVINATO M, CONNELL SH, COWLEY AA, FABRICI E, FÖRTSCH SV, GADIOLI ERBA E, LAWRIE JJ, PIGNI M, SELLSCHOP JPF, SIDERAS HADDAD E. Emission of intermediate mass fragments in the interaction of  $^{16}\text{O}$  with  $^{59}\text{Co}$  and  $^{93}\text{Nb}$  and  $^{197}\text{Au}$ . *The European Physical Journal A* 2003; **17**: 195-212.
6. GROSBERG A, FRISCH HL. Winding angle distribution for planar random walk, polymer ring entangled with an obstacle, and all that: Spitzer-Edwards-Prager-Frisch model revisited. *Journal of Physics A – Mathematical and General* 2003; **36**: 8955-8981.
7. HILLHOUSE GC, MANO J, COWLEY AA, NEVELING R. Relativistic predictions of exclusive  $^{208}\text{Pb}(p,2p)^{207}\text{Tl}$  analyzing powers at an incident energy of 202 MeV. *Physical Review C – Nuclear Physics* 2003; **67**: 064604-1 – 064604-7.
8. HILLHOUSE GC, MANO J, WYNGAARDT SM, VAN DER VENDEL BIS, NORO T, HATANAKA K. Relativistic predictions of spin observables for exclusive proton knockout reactions. *Physical Review C – Nuclear Physics* 2003; **68**: 034608-1 – 034608-11.
9. HOLZWARTH G. Field dynamics and kink-antikink production in rapidly expanding systems. *Physical Review D – Particles and Fields* 2003; **68**: 016008-1 – 016008-12.
10. JELLAL A, GEYER HB. Second virial coefficient for noncommutative space. *Modern Physics Letters A* 2003; **18**(13): 927-935.
11. JELLAL A, SAIDI EH, GEYER HB, RÖMER RA. A matrix model for fractional quantum hall states. *Journal of the Physical Society of Japan* 2003; **72** (supplement A): 127-128.
12. MÜLLER-NEDEBOCK KK, FRISCH HL. Dynamics of stiff polymers mapped from an Ising model. *Polymer* 2003; **44**: 2829-2831.
13. MÜLLER-NEDEBOCK KK, FRISCH HL. Matrix models of discretely bending, stiff polymers. *Polymer* 2003; **44**: 3151-3164.
14. MÜLLER-NEDEBOCK KK, FRISCH HL, PERCUS JK. Stiff polymer in monomer ensemble. *Physical Review E* 2003; **67**: 011801-1 – 011801-11.
15. RICHTER WA, BROWN BA. Nuclear charge densities with the Skyrme Hartree-Fock method. *Physical Review C – Nuclear Physics* 2003; **67**: 034317-1 – 034317-14.
16. ROTHE KD, SCHOLTZ FG. On the Hamilton-Jacobi equation for second class constrained systems. *Annals of Physics* 2003; **308**(2): 639-651.
17. SANDULESCU N, GENG LS, TOKI H, HILLHOUSE GC. Pairing correlations and resonant states in the relativistic mean field theory. *Physical Review C – Nuclear Physics* 2003; **68**: 054323-1 – 054323-6.
18. SCHMIEGEL J, CLEVE J, EGGERS HC, PEARSON BR, GREINER M. Stochastic energy-cascade model for (1+1)-dimensional fully developed turbulence. *Physics Letters A* 2003; **320**: 247-253.
19. SCHOLTZ FG, BARTLETT BH, GEYER HB. Nonperturbative flow equations from running expectation values. *Physical Review Letters* 2003; **91**(8): 080602-1 – 080602-4.
20. STEINMANN CM, ROHWER EG, STAFAST H. Accurate laboratory wavelengths of the vacuum ultraviolet A( $\nu=3$ )-X( $\nu=0$ ) band of  $^{12}\text{C}^{17}\text{O}$  and  $^{12}\text{C}^{18}\text{O}$ . *Astrophysical Journal* 2003; **590**: L123-L126.
21. VAN DER VENDEL BIS, ABU-RADDAD LJ, HILLHOUSE GC. Quasifree eta photoproduction from nuclei and medium modifications of resonances. *Physical Review C – Nuclear Physics* 2003; **68**: 024601-1 – 024601-11.
22. VANDOOAEGHE WL, MÜLLER-NEDEBOCK KK. Polymer networks between two parallel planar surfaces. *Journal of Physics A – Mathematical and General* 2003; **36**: 8249-8264.

### Verrigtinge internasionaal/Proceedings international

1. BROWN BA, CLEMENT RRC, SCHATZ H, GIANSIRACUSA J, RICHTER WA, HJORTH-JENSEN M, KRATZ K-L, PFEIFFER B, WALTERS WB. *Nuclear structure theory for the astrophysical rp-process and r-process*. Proceedings of the 17th International Nuclear Physics Divisional Conference of the European Physical Society. Debrecen, Hungary, 2003; *Nuclear Physics A719* 2003: 177c-184c.
2. BUTHELEZI EZ, AARDANEH K, STEYN GF, GADIOLI E, VAN DER WALT TN, ALBERTINI F, CAVINATO M, CERUTTI F, CONNELL SH, COWLEY AA, FABRICI E, FÖRTSCH SV, GADIOLI ERBA E, NORTIER FM. *Isobaric yields of near-target residues in the interaction of  $^{12}\text{C}$  with  $^{103}\text{Rh}$  at an incident energy of 400 MeV*. Proceedings of the 10th International Conference on Nuclear Reaction Mechanisms. Varenna, Italy, 2003; *Ricerca Scientifica Ed Educazione Permanente* 2003; **Supplement 122**: 349-358.
3. COWLEY AA, HILLHOUSE GC. Relativistic and nonrelativistic distorted-wave impulse approximation descriptions of the  $^{208}\text{Pb}(p,2p)^{207}\text{TI}$  knockout reaction at medium energy. Proceedings of the 10th International Conference on Nuclear Reaction Mechanisms. Varenna, Italy, 2003; *Ricerca Scientifica Ed Educazione Permanente* 2003; **Supplement 122**: 201-210.
4. EGGERS HC, TRAINOR TA. *Multiparticle correlations in Q-space*. Proceedings of the 10<sup>th</sup> International Workshop on Multiparticle Production. Istron Bay, Crete, Greece, 2003; *World Scientific* 2003: 386-395.
5. GEYER HB, CEJNAR P. *Microscopic foundations of nuclear supersymmetry*. Proceedings of the Eleventh International Symposium: Capture Gamma-Ray Spectroscopy and Related Topics. Pruhonice, Czech Republic, 2003; *World Scientific* 2003: 43-50.
6. HILLHOUSE GC, MANO J, NEVELING R, COWLEY AA, WYNGAARDT SM, HATANAKA K, NORO T, VAN DER VENDEL BIS. *Relativistic predictions of spin observables for exclusive proton knockout reactions*. Proceedings of the Kyudai-RCN International Symposium on Nuclear Many-body and Medium Effects in Nuclear Interactions and Reactions. Fukuoka, Japan, 2003: 213-222.
7. RICHTER WA, BROWN BA. *Skyrme Hartree-Fock calculations and the structure of exotic nuclei*. Proceedings of the 10th International Conference on Nuclear Reaction Mechanisms. Varenna, Italy, 2003; *Ricerca Scientifica Ed Educazione Permanente* 2003; **Supplement 122**: 61-70.

### Referate internasionaal/Papers international

1. BOLLIG C, ESSER MJD, STEHMANN T, VON BERGMANN HM. *High-power end-pumped Nd:YLF laser*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
2. DE VILLIERS D, STANDER JA, ROZENDAAL A, SPICER E, LAWRIE JJ. *Characterisation of sand samples by radiometry and its use in mineral beneficiation*. International Committee for Radionuclide Metrology Conference on Low Level Radioactivity Measurement Techniques. Vienna, Austria, 2003.
3. DE VILLIERS D, STANDER JA, ROZENDAAL A, SPICER E, VAN DER MERWE O, LAWRIE JJ. *The development and application of radiometry in the mineral and agriculture industries*. 9th International Symposium on Radiation Physics. Cape Town, South Africa, 2003.
4. DU PLESSIS A, STEINMANN CM, ROHWER EG. *Experimental parameters in vacuum ultraviolet laser spectroscopy*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
5. DU PLESSIS A, STEINMANN CM, ROHWER EG. *High-resolution vacuum ultraviolet laser spectroscopy of molecules in a free supersonic jet: in search of rare CO isotopomers and CO-Ar van der Waals molecules*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.



6. EGGERS HC. *Mathematics of complexity in experimental high energy physics*. Second International Conference on Frontier Science: A Nonlinear World: the Real World. Pavia, Italy, 2003.
7. ESSER MJD, BOLLIG C, VON BERGMANN HM. *Short pulse diode-pumped solid-state lasers*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
8. GEYER HB. *Non-hermiticity, boson realizations and the role of a physical subspace*. International Workshop on Pseudo-Hermitian Hamiltonians in Quantum Physics. Prague, Czech Republic, 2003.
9. HEISS WD. *Chirality and exceptional points*. Theoretical Physics Seminar Series. Balear University, Mallorca, Spain, 2003.
10. HEISS WD. *Global and local properties of exceptional points*. International Conference on Chaos and Nanoscale Physics. Kyoto, Japan, 2003.
11. HEISS WD. *Global and local properties of exceptional points*. International Conference on Dynamical Chaos in Classical and Quantum Physics. Novosibirsk, Russia, 2003.
12. HEISS WD. *Global and local properties of exceptional points*. The Third Japan-Slovenia Seminar. Kyoto, Japan, 2003.
13. NEETHLING PH, ROHWER EG, WALTERS PE. *Investigating possible optical limiters*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
14. SCHEIDT T, ROHWER EG, VON BERGMANN HM. *Optical second harmonic generation (SHG) as a probe for internal electric fields at the Si/SiO<sub>2</sub> interface*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
15. SCHEIDT T, ROHWER EG, VON BERGMANN HM, STAFAST H. *Optical second harmonic imaging: a versatile tool to investigate semiconductor surfaces and interfaces*. DRIP X 2003, International Conference on Defects: Recognition, Imaging and Physics of Semiconductors. Batz Sur Mer, France, 2003.
16. SNYMAN I. *The spiked harmonic oscillator, its algebraic structure and the role of regularization in supersymmetry breaking*. International Workshop on Pseudo-Hermitian Hamiltonians in Quantum Physics. Prague, Czech Republic, 2003.
17. STEHMANN T, VON BERGMANN HM. *Improved PSpice gas discharge model for CO<sub>2</sub> TEA lasers*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
18. STEHMANN T, VON BERGMANN HM. *Reliability of IGBT's in modern solid state pulsed power supplies for CO<sub>2</sub> TEA lasers*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
19. STRAUSS HJ, VON BERGMANN HM. *Transverse mode beating as a useful tool in setting up and monitoring a pulsed TEA CO<sub>2</sub> laser*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.
20. VON BERGMANN HM. *High power excimer and CO<sub>2</sub> TEA laser technology*. International Workshop and Conference on Optics and Laser Applications. University of Namibia (UNAM), Windhoek, Namibia, 2003.

### Referate nasionaal/Papers national

1. BARTLETT BH. *Classification of entanglement*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
2. BEZUIDENHOUT J. *Teaching physics to students in the management and human sciences*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
3. BEZUIDENHOUT J, COWLEY AA, FÖRTSCH SV, HILLHOUSE GC, JACOBS NM, NEVELING R, VAN ZYL JJ, SMIT FD, STANDER JA, STEYN GF. *Alpha and helion particle emission induced by protons on <sup>59</sup>Co and <sup>93</sup>Nb at an incident energy of 130 MeV*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
4. BOLLIG C, ESSER MJD. *Visible diode-pumped high-power solid-state lasers*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.

5. BOONZAAIER L, GEYER HB. *Critical events and time-evolution of SOC systems*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
6. DE VILLIERS D, VAN DER MERWE O, STANDER JA, ROZENDAAL A, SPICER E, LAWRIE JJ. *Characterisation of sand samples by radiometry and its use in agriculture*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
7. DU PLESSIS A, STEINMANN CM, ROHWER EG. *Generation of tunable vacuum ultraviolet laser radiation for spectroscopy*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
8. DU PLESSIS A, STEINMANN CM, ROHWER EG. *LIF spectroscopy in a supersonic jet using a vacuum ultraviolet laser*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
9. EGGERS HC. *Mathematics of complexity in experimental high energy physics*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
10. ESSER MJD, BOLLIG C, STEHMANN T, VON BERGMANN HM. *Multi-watt diode-end-pumped solid-state (Nd:YLF) laser*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
11. ESSER MJD, BOLLIG C, VON BERGMANN HM. *Electronic feedback to stabilize picosecond diode-pumped solid-state lasers*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
12. GEYER HB, ANTON L. *Pattern formation in a metastable gradient driven sandpile*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
13. HEISS WD. *Chirality and dissipation*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
14. HILLHOUSE GC, MANO J, COWLEY AA, HATANAKA K, NEVELING R, NORO T, VAN DER VENDEL BIS, WYNGAARDT SM. *Signatures of relativistic Dirac dynamics in exclusive proton knockout reactions*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
15. HUANG P, ROHWER EG, ARENDSE GJ, STEINMANN CM. *Characterisation of a vacuum spectrometer for spectroscopy in the ultraviolet and vacuum ultraviolet*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
16. JACOBS NM, COWLEY AA, INGEMARSSON A, CARLSON RF, ARENDSE GJ, AUCE A, FÖRTSCH SV, HILLHOUSE GC, LANTZ JM, SCHACHNO M, SMIT R, STANDER JA, STEYN GF, VAN ZYL JJ. *Reaction cross sections for protons on targets from  $^9\text{Be}$  to  $^{208}\text{Pb}$  at incident energies between 80 and 200 MeV*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
17. KAPP T, ESSER MJD, BOLLIG C. *Compact diode-pumped green Nd-vanadate laser*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
18. KOTZÉ J, SCHOLTZ FG. *Entropy bounds*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
19. MAPHOTO KP, LINDSAY R, NEWMAN RT, DE VILLIERS D, JOSEPH A. *Determination of natural activity concentrations by window and full spectrum analyses*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
20. MÜLLER-NEDEBOCK KK. *Conformation of polyelectrolytes and condensation of discrete counterions*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
21. MÜLLER-NEDEBOCK KK. *Verhale van 'n luier, 'n teoretiese fisikus en sy kombuis*. Public University Lecture. Stellenbosch, 2003.
22. NCAPAYI NJ. *Excitation of high-K states in  $^{176}\text{Yb}$  nucleus*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
23. NEETHLING PH, ROHWER EG, WALTERS PE. *Investigating possible optical limiters*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
24. NEETHLING PH, ROHWER EG, WALTERS PE. *The Z-scan as analysis technique*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.

25. NSENGIYUMVA S, PRETORIUS R, BOUZIANE K, MAAZA M. *Formation and characterization of pulsed laser ablated magnetoresistive material*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
26. RUMBLE NM, BOLLIG C, ESSER MJD. *The construction of a miniature solid-state Green laser*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
27. SCHEIDT T. *The world of ultrafast laser physics – an introduction*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
28. SCHEIDT T, ROHWER EG, VON BERGMANN HM. *Charge carrier dynamics in Si-SiO<sub>2</sub> interfaces probed by optical second harmonic generation*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
29. SCHOLTZ FG, BARTLETT BH, GEYER HB. *Self-consistent flow equations*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
30. SCHWARDT ED, STEHMANN T. *The theory of the Fourier power supply for the excitation of high-pressure gas lasers*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
31. SNYMAN I. *The spiked harmonic oscillator and the role of regularization in supersymmetry breaking*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
32. STEINMANN CM. *Vacuum ultraviolet laser spectroscopy*. Winter School for Lasers and Applications, 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
33. STEINMANN CM, ROHWER EG, STAFAST H. *Vacuum ultraviolet laser spectroscopy in a pulsed free supersonic jet: in search of rare CO isotopomers and CO-Ar van der Waals complexes*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
34. STEINMANN CM, ROHWER EG, STAFAST H. *Vacuum ultraviolet laser spectroscopy of the rare <sup>12</sup>C<sup>17</sup>O and <sup>12</sup>C<sup>18</sup>O isotopomers and its astrophysical application*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
35. STRAUSS HJ, VON BERGMANN HM. *Lasers in dentistry*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
36. TITUS NP-D, COWLEY AA. *Investigation into the use of the 351keV <sup>214</sup>Pb photo-peak as radiation tracer for airborne <sup>222</sup>Rn in environmental and geophysical applications*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
37. VAN DER VENDEL BIS, ABU-RADDAD LJ, HILLHOUSE GC. *Relativistic description of quasifree eta meson photoproduction*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
38. VANDOOAEGHE WL, MÜLLER-NEDEBOCK KK. *Networking of polymers between two parallel planar surfaces*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
39. VISSER K. *Computer automated analysis of the rotational spectra of the CN radical*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
40. VISSER K. *Developing experiments for a virtual physics laboratory*. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.
41. VON BERGMANN HM. *Gas lasers*. Winter School on Lasers and Applications, 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.

### **Kreatiewe werk/Creative work**

1. VON BERGMANN HM. *Harnessing the power of light, from femtoseconds to petawatts*. Inaugural lecture, University of Stellenbosch, 2003.

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

1. STEINMANN CM. *Vacuum ultraviolet laser spectroscopy of CO molecules in a supersonic jet*. PhD, 2003. 136 pp. Promotor/medepromotor: Dr Rohwer/prof H Stafast (Friedrich Schiller Universiteit, Jena, Duitsland).

**Doktoraal lopend/Doctoral current**

1. BALDÉ M. *Solid-state phase formation through diffusion barriers*. PhD Promotor: Prof R Pretorius.
2. BEZUIDENHOUT J. *Composite particle emission induced by medium energy protons*. PhD Promotor: Prof AA Cowley.
3. BOONZAAIER L. *Statistical physics of effective interactions between macro-ions as mediated by counterions*. PhD Promotor/medepromotor: Dr KK Müller-Nedebock/prof FG Scholtz.
4. BUTHELEZI EZ. *Measurement of production cross section for the residues produced in the interaction of  $Rh_{103}$  with  $C_{12}$  and  $O_{16}$  at 400MeV*. PhD Promotor/medepromotor: Prof AA Cowley/dr GF Steyn.
5. DE VILLIERS D. *The application of naturally occurring radioactivity in the zircon mining industry*. PhD Promotor: Dr JA Stander.
6. DU PLESSIS A. *Vacuum ultraviolet laser spectroscopy of supercooled molecules*. PhD Promotor: Dr EG Rohwer.
7. JACOBS NM. *Measurements of reaction cross sections for protons in the energy region 50 to 150 MeV*. PhD Promotor: Prof AA Cowley.
8. KWINANA P. *Triaxiality and the breakdown of rotational behaviour in heavy Osmium nuclei*. PhD Promotor: Dr GC Hillhouse.
9. McDERMOTT LS. *Toepassing van laserbronne in molekulêre spektroskopiese studies*. PhD Promotor: Dr EG Rohwer.
10. SCHEIDT T. *Molecular spectroscopy using femto-second lasers*. PhD Promotor/medepromotor: Prof HM von Bergmann/dr EG Rohwer en prof H Stafast (Friedrich Schiller Universiteit, Jena, Duitsland).
11. VAN DER MERWE JP. *Investigation into alternative excitation techniques of gas discharge lasers*. PhD Promotor/medepromotor: Prof HM von Bergmann/dr EG Rohwer.

**Magister afgehandel/Master's completed**

1. BARTLETT B. *Flow equations for Hamiltonians from continuous unitary transformations*. MSc, 2003. 78 pp. Studieleier/medestudieleier: Prof FG Scholtz/prof HB Geyer.
2. DU PLESSIS A. *Characterization of beam shaping devices and a Raman laser*. MSc, 2003. 110 pp. Studieleier/medestudieleier: Dr EG Rohwer/prof HM von Bergmann.
3. STEHMANN T. *Investigation into solid-state switched high voltage laser excitation circuits*. MSc, 2003. 167 pp. Studieleier/medestudieleier: Prof HM von Bergmann/prof H Mouton.
4. VANDOOAEGHE WL. *Polymer networks at surfaces*. MSc, 2003. 84 pp. Studieleier: Dr KK Müller-Nedebock.

**Magister lopend/Master's current**

1. ESSER MJD. *Novel diode-end-pumped solid state lasers*. MSc Studieleier/medestudieleier: Prof HM von Bergmann/dr EG Rohwer.
2. GERMISHUIZEN F. *Remote detection of atmospheric pollutants*. MSc Studieleier/medestudieleier: Dr EG Rohwer/prof HM von Bergmann.
3. HUANG P. *Vacuum ultra violet spectroscopy of  $(Si-O)_n$  compounds*. MSc Studieleier/medestudieleiers: Dr EG Rohwer/dr GJ Arendse en prof HM von Bergmann.
4. KOTZÉ J. *An introductory study to general relativity, the thermodynamics of black holes and the holographic principle*. MSc Studieleier: Prof FG Scholtz.
5. NCAPAYI NJ. *Excitation of high-K multi-quasiparticle states and associated rotational bands in  $^{174,176}Yb$  and neighbouring nuclei*. MSc Studieleier: Dr GC Hillhouse.
6. NEETHLING PH. *Investigation of non-linear optical properties of materials*. MSc Studieleier: Dr EG Rohwer.
7. SCHWARDT ED. *Development and characterization of high repetition rate HV pulser for plasma generation*. MSc Studieleier: Dr EG Rohwer.
8. SNYMAN I. *Boson vryheidsgrade in bifermion paringswisselwerkings*. MSc Studieleier: Prof HB Geyer.

9. STRAUSS HJ. *Materials processing using CO<sub>2</sub> TEA laser*. MSc Studieleier/medestudieleier: Prof HM von Bergmann/dr EG Rohwer.
10. TITUS NP-D. *Investigation of g-ray spectra relevant to airborne geological surveys of Namibia*. MSc Studieleier: Prof AA Cowley.
11. VAN ZYL A. *An introductory study to random matrix theory with applications to the Anderson model*. MSc Studieleier: Prof FG Scholtz.

## FISIOLOGIESE WETENSKAPPE / PHYSIOLOGICAL SCIENCE

### Tydskrifartikels/Journal articles

1. KARATZAFERI C, MYBURGH KH, CHINN MK, FRANKS-SKIBA K, COOKE R. Effect of an ADP analog on isometric force and ATPase activity of active muscle fibres. *American Journal of Physiology* 2003; **284**: 10.
2. MYBURGH KH. Origin and diversity of human physiological adaptability. Editorial. In: *Comparative Biochemistry and Physiology Part A* 136: 1-3. *Comparative Biochemistry and Physiology A* 2003; **136**: 3.
3. MYBURGH KH. What makes an endurance athlete world-class? Not simply a physiological conundrum. *Comparative Biochemistry and Physiology A* 2003; **Part A**(136): 20.
4. MYBURGH KH, KOHN T, ESSEN-GUSTAVSSON B, ANDERSEN JL. Hybrid skeletal muscle fibres in competitive runners and in recreationally active non-runners. *Medicine and Science in Sports and Exercise* 2003; **35** – **Abstract 534**(5): 1.
5. NELL TA, VENTER CS, VORSTER HH, BOTES I, STAYN HS. Intra- and inter individual variation in glucose response to white bread and oral glucose in healthy women. *Clinical Nutrition* 2003; **16**(2): 7.
6. OOSTHUYSE T, BOSCH AN, JACKSON S. Effect of menstrual phase on the acetate correction factor used in traces studies. *Canadian Journal of Applied Physiology* 2003; **28**(6): 818-830.
7. ROBSON PJ, ALSTON TD, MYBURGH KH. Prolonged suppression of the innate immune system in the horse following an 80 km endurance race. *Equine Veterinary Journal* 2003; **35**(2): 5.
8. ROBSON PJ, BOUIC PJD, MYBURGH KH. Antioxidant supplementation enhances neutrophil, oxidative burst in trained runners following prolonged exercise. *International Journal of Sport Nutrition and Exercise Metabolism* 2003; **13**: 369-381.
9. SENEKAL M, STEYN NP, NEL JH. Factors associated with overweight/obesity in economically active South African populations. *Ethnicity & Disease* 2003; **13**: 7.
10. WILSON RP, SIMEONE AC, LUNA-JORQUERA G, STEINFURTH A, JACKSON S, FAHLMAN A. Patterns of respiration in diving penguins: is the last gasp an inspired tactic? *Journal of Experimental Biology* 2003; **206**: 13.

### Verrigtinge internasionaal/Proceedings international

1. ENGELBRECHT A-M, PAGE C, LOCHNER A. *Does arachidonic acid (ARA) protect neonatal cardiac myocytes via the induction of mitogen-activated protein kinase phosphatase-1 (MKP-1) during hypoxia/reoxygenation injury?* *Cardiovascular Journal of South Africa* 2003: 271.
2. ESTERHUYSE J, DU TOIT EF, VAN ROOYEN J. *Dietary red palm oil supplementation improves post ischaemic functional recovery in the isolated perfused rat heart*. Proceedings of PIPOC International Palm Oil Congress. Kuala Lumpur, Malaysia, 2003: 10.

**Referate internasionaal/Papers international**

1. BRINK M, FRASER T, TODOROV SD, VAZ-VELHO M, SENEKAL M, DICKS LMT. *A combined use of probiotics and prebiotics in a soymilk-based food supplement aimed at improving the gastro-intestinal flora of children with HIV AIDS*. 1<sup>st</sup> International Congress. Viana do Castelo, Portugal, 2003.
2. BRINK M, SENEKAL M, DICKS LMT. *A combination of probiotics and prebiotics as a supplement in baby food*. The 17<sup>th</sup> SAAFost International Congress. Pretoria, South Africa, 2003.
3. ESTERHUISE AJ, DU TOIT EF, VAN ROOYEN J. *A protective role for dietary red palm oil against ischaemia/reperfusion injury*. Proceedings of Food Technology and Nutrition Conference – International Palm Oil Congress. Putrajaya, Malaysia, 2003.
4. KOHN T, MYBURGH KH. *Muscle fibre type assessed histologically or by single fibre electrophoresis*. International Biochemistry of Exercise Conference. Maastricht University, Maastricht, Netherlands, 2003.
5. MYBURGH KH, KOHN T. *The influence of fibre type and environmental conditions on performance: a longitudinal study*. International Biochemistry of Exercise Conference. Maastricht University, Maastricht, Netherlands, 2003.
6. NIESLER CU, McLEOD C, SACK M, MYBURGH KH. *An analysis of isoform-specific TGF $\beta$  expression and stem cell recruitment during cardiac muscle regeneration*. Molecular Biology of Muscle Development and Regeneration Congress. Alberta, Canada, 2003.
7. SENEKAL M, STEYN NP, NEL JH. *Fiber and micronutrient index for economically active South African adults: development and applications*. Fifth International Conference on Dietary Assessment Methods. Chang Rai, Thailand, 2003.

**Referate nasionaal/Papers national**

1. EKSTEEN A, BOWEN RL, MYBURGH KH, KOHN T. *Flat and gradient laboratory treadmill testing as predictors of 10 km performance*. The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
2. ENGELBRECHT A-M. *Apoptosis: basic mechanisms and biochemical pathways*. General presentation. Institute of Wine Biotechnology, University of Stellenbosch, 2003.
3. ENGELBRECHT A-M, PAGE C, LOCHNER A. *Induction of mitogen-activated protein kinase phosphatase-1 (MKP-1) by arachadonic acid (ARA) in neonatal cardiac myocytes during hypoxia/reoxygenation*. The 31<sup>st</sup> Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
4. JANSSEN VAN RENSBURG L, MYBURGH KH. *Field and laboratory performance in mountain bikers*. The 31<sup>st</sup> Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
5. MANGA ES, VAN ROOYEN J. *The Langendorff perfusion system: challenges before a study starts*. 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
6. MYBURGH KH. *HIV and exercise*. National Symposium in the South African Sports Medicine Association Biannual Congress. Stellenbosch, 2003.
7. MYBURGH KH. *Is a multidisciplinary approach required for exercise physiologists to predict world-class performances in endurance athletes?* The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
8. NEETHLING I, VAN TUBBERGH K, MATTHEYSE M, MYBURGH KH. *Is the time course for myofibrillar actomyosin ATPase staining of human and rat skeletal muscle fiber types the same?* The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
9. NIESLER CU. *Stem cells and cardiac regeneration*. SA Heart Congress. Cape Town, 2003.
10. NIESLER CU. *Stem cells in tissue repair – a promise of enhanced future therapies?* General presentation. Dept of Physiological Sciences, Stellenbosch, 2003.

11. SMITH C, MYBURGH KH. *Selected immune and endocrine responses to high intensity training*. The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
12. SMITH C, MYBURGH KH. *Sutherlandia Frutescens supplementation changes the cortisol response to immobilisation stress in rats*. The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
13. VAN ROOYEN J, OPIE LH, THOMAS S, PODZUWEIT T. *Glucose protects against the development of ischaemic contracture in the isolated Langendorff perfused rat heart*. SA Heart Congress. Cape Town, 2003.
14. VAN ROOYEN J, OPIE LH, THOMAS S, PODZUWEIT T. *Ischaemic contracture: mechanism resolved?* 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
15. VAN TUBBERGH K, DE BEER M, MYBURGH KH, NIESLER CU. *Investigation of satellite cell activity in C2C12 cell cultures pre- and post-differentiation*. The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.
16. WILSON NW, LOUW A, MYBURGH KH. *Decreased binding capacity of glucocorticoid receptors in skeletal muscle previously frozen in liquid nitrogen*. The 31<sup>st</sup> Annual Congress of the Physiological Society of Southern Africa. Potchefstroom University, Potchefstroom, 2003.

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

1. STRAUSS JAdeW. *Faktore wat die prestasie en gesondheid van vroue atlete kan beïnvloed*. PhD, 2003. 198 pp. Promotor: Prof KH Myburgh.

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

1. DE VILLIERS A. *Nutrition education message topics and accessibility for the well-being of infants in an urban slum area*. PhD Promotor: Dr M Senekal.
2. ESTERHUYSE J. *Effects of dietary long chain fatty acid supplementation on myocardial NO-cGMP pathway function and the susceptibility of the rat heart to ischaemic reperfusion injury*. PhD Promotors: Drr J van Rooyen en EF du Toit.
3. SCHABORT E. *A study of stem cell recruitment and myocyte apoptosis in cardiac and skeletal adaptive responses to ischemia, hypoxia and wasting*. PhD Promotor/medepromotor: Dr CU Niesler/prof KH Myburgh.
4. SCHABORT E. *Satellite cell migration and muscle regeneration: effect of growth factors*. PhD Promotor/medepromotor: Dr CU Niesler/prof KH Myburgh.
5. SMITH C. *Physiological models of stress: endocrine and immune system responses*. PhD Promotor: Prof KH Myburgh.

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

1. SAUNDERS LC. *Psychological and endocrine indicators of stress: health and management implications*. MSc, 2003. 136 pp. Studieleier: Prof KH Myburgh.
2. SCRIBA E. *Proximal feed artery regulation of skeletal muscle blood flow during exercise: the paraplegic model*. MPhil, 2003. 69 pp. Studieleier/medestudieleier: Prof KH Myburgh/dr J van Rooyen.
3. TERBLANCHE JS. *A familial study of hypoxia sensitivity in two South-African populations*. MSc, 2003. 180 pp. Studieleier/medestudieleiers: Dr S Jackson/prof KH Myburgh en dr A Fahlman.

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

1. BOWEN RL. *Comparing male and female 10 km runners with regards to both performance and training*. MPhil Studieleier: Prof KH Myburgh.
2. BRINK M. *Market and product assessment of probiotics and prebiotics and probiotic strains for commercial use*. MSc Studieleier: Dr M Senekal.

3. CHAMBERS J-M. *The effect of a competitive season on selected parameters of the immune system of professional soccer players*. MPhil Studieleier/medestudieleier: Me C Smith/prof KH Myburgh en dr M Senekal.
4. CILLIERS J. *Evaluation of the impact of a multidimensional self-help weight management manual on the weight status of first year female students*. MSc Studieleier: Dr M Senekal.
5. DE BIE G. *Skeletal muscle adaptations in a rodent model of short-term exposure to hypobaric hypoxia*. MPhil Studieleier: Prof KH Myburgh.
6. DE BRUTO P. *Physical activity in women living with the human immunodeficiency virus*. MPhil Studieleier/medestudieleier: Prof KH Myburgh/me C Smith.
7. EKSTEEN A. *Skeletal muscle hypertrophic and regenerative responses to high intensity uphill vs downhill training intervention*. MSc Studieleier: Prof KH Myburgh.
8. KENNEDY K. *Design and utilisation of physiological field tests to evaluate performance in water polo*. MPhil Studieleier: Prof KH Myburgh.
9. NEETHLING I. *Muscle atrophy and regeneration in a rodent model*. MSc Studieleier: Prof KH Myburgh.
10. VAN DER MERWE J. *Does creatine supplementation stimulate hormonal anabolic factors?* MPhil Studieleier: Prof KH Myburgh.
11. VAN TUBBERGH K. *Effect of ice treatment on the inflammatory response and muscle regeneration after delayed onset of muscle soreness*. MSc Studieleier/medestudieleier: Prof KH Myburgh/dr CU Niesler.
12. WHATI LH. *Development of a valid and reliable nutrition knowledge questionnaire for urban adolescents in South Africa*. MSc Studieleier: Dr M Senekal.

## GEOLOGIE / GEOLOGY

### Tydskrifartikels/Journal articles

1. BELCHER RW, KISTERS AFM. Lithostratigraphic correlations in the western branch of the Saldania Belt, South Africa: the Malmesbury Group revisited. *South African Journal of Geology* 2003; **106**: 327-342.
2. GRECULA M, FLINT S, POTTS G, WICKENS HdeV, JOHNSON S. Partial ponding of turbidite systems in a basin with subtle growth-fold topography: Laingsburg Karoo, South Africa. *Journal of Sedimentary Research. Section A: Sedimentary Petrology and Processes* 2003; **73**(4): 603-620.
3. GRECULA M, FLINT S, WICKENS HdeV, JOHNSON S. Upward-thickening patterns and lateral continuity of permian sand-rich turbidite channel fills, Laingsburg Karoo, South Africa. *Sedimentology* 2003; **50**: 831-853.
4. KISTERS AFM, STEVENS G, DZIGGEL A, ARMSTRONG RA. Extensional detachment faulting and core-complex formation at the base of the Barberton greenstone belt: evidence for a 3.2 Ga orogenic collapse. *Precambrian Research* 2003; **127**: 355-378.
5. KOLB J, KISTERS AFM, MEYER FM, SIEMES H. Polyphase deformation of mylonites from the Renco gold mine (Zimbabwe): identified by crystallographic preferred orientation of quartz. *Journal of Structural Geology* 2003; **25**: 253-262.
6. LANA C, GIBSON RL, KISTERS AFM, REIMOLD WU. Archaean crustal structure of the Kaapvaal Craton, South Africa – evidence from the Vredefort Dome. *Earth and Planetary Science Letters* 2003; **206**: 133-144.
7. PRESTON RF, STEVENS G, MCCARTHY TS. Fluid compositions in equilibrium with silica-undersaturated magmas in the system Na<sub>2</sub>O-Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>-H<sub>2</sub>O: clues to the composition of fenitizing fluids. *Contributions to Mineralogy and Petrology* 2003; **144**: 559-569.
8. VAN ES HJ, VAINSHEIN DI, DE MEIJER RJ, DE HARTOG HW, DONOGHUE JF, ROZENDAAL A. Mineral zircon: a novel thermochronometer. *Radiation Effects and Defects in Solids* 2003; **157**(6): 1063-1070.



9. VAN ES HJ, VAINSHTEIN DI, ROZENDAAL A, DONOGHUE JF, DE MEIJER RJ, DE HARTOG HW. Thermolinescence of ZrSiO<sub>4</sub> (zircon): a new dating method? *Nuclear Instruments and methods* 2003; **B191**: 649-652.

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

1. SCHEEPERS R. *Assessment of mineralization potential of S- and I- type Cape granites. Granites and Associated Metallogenesis. Ishihara Symposium. Sydney, Australia, 2003: 1.*
2. SCHEEPERS R. *Magmatic evolution of the Cape granite suite. 3<sup>rd</sup> International Colloquium. University of Cape Town, South Africa, 2003: 1.*
3. STALDER M, ROZENDAAL A. *Banded ores at the Gamsberg Zn-Pb deposit, South Africa: insight into ore-forming processes in broken hill-type deposits. Proceedings of the 7th Biennial SGA Meeting. Athens, Greece, 2003; Mineral Exploration and Sustainable Development 2003: 4.*
4. STEVENS G, PRINZ S, ROZENDAAL A. *An experimental investigation of the partial melting of the sulphide assemblage sphalerite+galena+pyrite+chalcocopyrite between 750 and 1000C at 2 Mpa. Proceedings of the 7th Biennial SGA Meeting. Athens, Greece; 2003; Mineral exploration and sustainable development 2003: 1031-1034.*

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

1. SCHEEPERS R. *The geology and geochemistry of the merelani tanzanite deposit. GeoForum 2003. Johannesburg, 2003: 1.*

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

1. BLENKINSOP TG, KISTERS AFM. *Evidence and implications of mid-crustal extension in the Limpopo Belt, Zimbabwe. Deformation mechanisms, Rheology and Tectonics. St Malo, 2003.*
2. DE VILLIERS D, STANDER JA, ROZENDAAL A, SPICER E, LAWRIE JJ. *Characterisation of sand samples by radiometry and its use in mineral beneficiation. International Committee for Radionuclide Metrology Conference on Low Level Radioactivity Measurement Techniques. Vienna, Austria, 2003.*
3. DE VILLIERS D, STANDER JA, ROZENDAAL A, SPICER E, VAN DER MERWE O, LAWRIE JJ. *The development and application of radiometry in the mineral and agriculture industries. 9th International Symposium on Radiation Physics. Cape Town, South Africa, 2003.*
4. DZIGGEL A, KISTERS AFM, KOLB J, MEYER FM. *Metamorphism in the Karibib District in the central zone of the Damara Orogen, Namibia. Annual Meeting of Mineralogical Society of Germany. Bochum, Germany, 2003.*

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

1. DE VILLIERS D, VAN DER MERWE O, STANDER JA, ROZENDAAL A, SPICER E, LAWRIE JJ. *Characterisation of sand samples by radiometry and its use in agriculture. 48<sup>th</sup> Annual Conference of the South African Institute of Physics. Stellenbosch, 2003.*

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

1. BELCHER RW. *Tectonostratigraphic evolution of the Swartland region and aspects of orogenic iodide-gold mineralization in the Pan-African Saldania belt, Western Cape, South Africa. PhD, 2003. 318 pp. Promotors: Proff A Rozendaal en A Kisters.*

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

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

4. SPICER EM. *The role of boron in controlling low-pressure partial melting of the metasediments of the Mt Stafford Area, Arunta Block, Central Australia*. PhD Promotor: Prof G Stevens.
5. STALDER M. *Deformation, metamorphism of the broken hill-Gamsberg base metal sulphide deposits Namaqualand South Africa*. PhD Promotor: Prof A Rozendaal.
6. VAN DER WESTHUIZEN A. *Geology of the lower Orange River and distribution of diamondiferous gravels*. PhD Promotor: Prof A Rozendaal.
7. VAN LENTE B. *Chemostratigraphic correlation between the Tanqua and Laingsburg sub-basins, Karoo, South Africa*. PhD Promotor: Dr H de Ville Wickens.

### Magister Iopend/Master's current

1. ADEM MOHAMMEDNASER J. *Wall-rock alteration and geochemistry of Debarwa VMS deposits, Eritrea*. MSc Studieleier: Prof A Rozendaal.
2. COUSIN L. *W-bearing metaluminous granites of the Cape granite suite*. MSc Studieleier: Prof R Scheepers.
3. CUNNINGHAM AC. *Controls on tanzanite mineralization in the JW zone of the block C mining area, Merelani, Tanzania*. MSc Studieleier: Prof R Scheepers.
4. HANSEN RN. *Geochemical exploration methods for gemstone mineralization in the Lelatema anticline, Tanzania*. MSc Studieleier: Prof R Scheepers.
5. HUDSON C. *Petrology and mineralogy of the Riviera W.Mo(REE) deposit*. MSc Studieleier: Prof R Scheepers.
6. JORDAAN LS. *The structural geology of the Karibib dome and surroundings in the central zone of the Pan-African Damara orogen, Namibia*. MSc Studieleier: Prof A Kisters.
7. MEGNER-ALLOGO AC. *The petroleum system of the southern Gabon deepwater area*. MSc Studieleier: Dr H de V Wickens.
8. NGUEMA-MVE OP. *Mineralogy and geochemistry of the Tanqua fan complex, South Africa: an insight into source areas, weathering, sorting, provenance and tectonic setting*. MSc Studieleier: Prof A Rozendaal.
9. WESTRAAT JD. *Structural and petrological study of the northern and northwestern margin of the Mpuluzi batholith, southern Barberton granite greenstone terrane, South Africa*. MSc Studieleier: Prof A Kisters.

## MIKROBIOLOGIE / MICROBIOLOGY

### Tydskrifartikels/Journal articles

1. BAUER R, NEL HA, DICKS LMT. Pediocin PD-1 as a method to control growth of *Oenococcus oeni* in wine. *American Journal of Enology and Viticulture* 2003; **54**(2): 86-91.
2. BRESSEL A, SCHULTZE JW, KAHN W, WOLFAARDT GM, ROHNS H-P, IRMSCHER R, SCHONING MJ. High resolution gravimetric, optical and electrochemical investigations of microbial biofilm formation in aqueous systems. *Electrochimica Acta* 2003; **48**: 3363-3372.
3. BRINK M, FRASER T, TODOROV SD, VAZ-VELHO M, SENEKAL M, DICKS LMT. A combined use of probiotics and prebiotics in a soymilk-based food supplement aimed at improving the gastro-intestinal flora of children with HIV/AIDS. *Electronic Journal of Environmental, Agricultural and Food Chemistry* 2003; **2**: 1-8.
4. CORNELISSEN S, BOTHA A, CONRADIE WJ, WOLFAARDT GM. Shifts in community composition provide a mechanism for maintenance of activity of soil yeasts in the presence of elevated copper levels. *Canadian Journal of Microbiology* 2003; **49**: 425-432.
5. DE GROOT P, DEANE SM, RAWLINGS DE. A transposon-located arsenic resistance mechanism from a strain of *Acidithiobacillus caldus* isolated from commercial, arsenopyrite biooxidation tanks. *Hydrometallurgy* 2003; **71**: 115-123.

6. DE KOKER TH, NAKASONE KK, HAARHOF J, BURDSALL HH, JANSE BJH. Phylogenetic relationships of the genus *Phanerochaete* inferred from the internal transcribed spacer region. *Mycological Research* 2003; **107**(9): 1032-1040.
7. DEN HAAN R, VAN ZYL WH. Enhanced xylan degradation and utilisation by *Pichia stipitis* overproducing fungal xylanolytic enzymes. *Enzyme and Microbial Technology* 2003; **33**: 620-628.
8. DICKS L, MELLETT FD, HOFFMAN LC. Use of bacteriocin-producing starter cultures of *Lactobacillus plantarum* and *Lactobacillus curvatus* in production of ostrich meat salami. *Meat Science* 2003; **66**: 703-708.
9. DU TOIT M, DICKS LMT, HOLZAPFEL WH. Identification of heterofermentative lactobacilli isolated from pig faeces by numerical analysis of total soluble cell protein patterns and RAPD-PCR. *Letters in Applied Microbiology* 2003; **36**: 1-5.
10. HABERER P, DU TOIT M, DICKS LMT, AHRENS F, HOLZAPFEL W. Effect of potentially probiotic lactobacilli on faecal enzyme activity in minipigs on a high-fat, high-cholesterol diet – a preliminary *in vivo* trial. *International Journal of Food Microbiology* 2003; **87**: 287-291.
11. HALLSWORTH JE, PRIOR BA, NOMURA Y, IWAHARA M, TIMMIS KN. Compatible solutes protect against chaotrope (ethanol)-induced, nonosmotic water stress. *Applied and Environmental Microbiology* 2003; **69**: 7032-7034.
12. LÖNN A, TRÄFF KL, CORDERO OTERO RR, VAN ZYL WH, HAHN-HÄGERDAL B. Xylose isomerase activity influences xylose fermentation with recombinant *Saccharomyces cerevisiae* strains expressing mutated *xyIA* from *Thermus thermophilus*. *Enzyme and Microbial Technology* 2003; **32**: 567-573.
13. LYND LR, VON BLOTTNITZ H, TAIT B, DE BOER J, PRETORIUS IS, RUMBOLD K, VAN ZYL WH. Converting plant biomass to fuels and commodity chemicals in South Africa: a third chapter. *South African Journal of Science* 2003; **99**: 499-507.
14. MALANDRA L, WOLFAARDT GM, ZIETSMAN JJ, VILJOEN-BLOOM M. Microbiology of a biological rotating contactor for winery wastewater treatment. *Water Research* 2003; **37**: 4125-4134.
15. MARÉ L, DU TOIT M. Why humans should swallow live bugs – probiotics. *The SA Journal of Epidemiology and Infection* 2003; **17**: 60-69.
16. PLÜDDEMANN A, VAN ZYL WH. Evaluation of *Aspergillus niger* as host for virus-like particle production, using the hepatitis B surface antigen as a model. *Current Genetics* 2003; **43**: 439-446.
17. QI B, WOLFAARDT GM, ALDRICH C, LORENZEN L. Methanogenic digestion of *Lignocellulose* residues under conditions of high-rate acidogenic fermentation. *Industrial & Engineering Chemistry Research* 2003; **42**: 1845-1849.
18. RAWLINGS DE, DEW D, DU PLESSIS C. Biomineralization of metal-containing ores and concentrates. *Trends in Biotechnology* 2003; **21**(1): 38-44.
19. REDZEPOVIC S, ORLIC S, MAJDAK A, KOZINA B, VOLSCHENK H, VILJOEN-BLOOM M. Differential malic acid degradation by selected strains of *Saccharomyces* during alcoholic fermentation. *International Journal of Food Microbiology* 2003; **83**: 49-61.
20. RUMBOLD K, BIELY P, MASTIHUBOVÁ M, GUDELJ M, GÜBITZ G, ROBRA K-H, PRIOR BA. Purification and properties of a feruloyl esterase involved in lignocellulose degradation by *Aureobasidium pullulans*. *Applied and Environmental Microbiology* 2003; **69**: 5622-5626.
21. SILVESTER ME, DICKS LMT. Identification of lactic acid bacteria isolated from human vaginal secretions. *Antonie van Leeuwenhoek Journal of Microbiology* 2003; **83**: 117-123.
22. SINGH S, MADLALA AM, PRIOR BA. *Thermomyces lanuginosus*: properties of strains and their hemicellulases. *FEMS Microbiology Reviews* 2003; **27**: 3-16.
23. TODOROV SD, VAZ-VELHO M, DICKS LMT. Isolation and partial characterization of bacteriocins produced by four lactic acid bacteria isolated from traditional South African beer. *Electronic Journal of Environmental, Agricultural and Food Chemistry* 2003; **2**: 1-8.

24. VAN ZYL LJ, DEANE SM, RAWLINGS DE. Analysis of the mobilization region of the broad-host-range IncQ-like plasmid pTC-F14 and its ability to interact with a related plasmid, pTF-FC2. *Journal of Bacteriology* 2003; **185**(20): 6104-6111.
25. VOLSCHENK H, VAN VUUREN HJJ, VILJOEN-BLOOM M. Malo-ethanolic fermentation in *Saccharomyces* and *Schizosaccharomyces*. *Current Genetics* 2003; **43**: 379-391.
26. WAHLBOM CF, CORDERO OTERO RR, VAN ZYL WH, HAHN-HÄGERDAL B, JONSSON LJ. Molecular analysis of a *Saccharomyces cerevisiae* mutant with improved ability to utilize xylose shows enhanced expression of proteins involved in transport, initial xylose metabolism, and the pentose phosphate pathway. *Applied and Environmental Microbiology* 2003; **69**: 740-746.
27. WAHLBOM CF, VAN ZYL WH, JONSSON LJ, HAHN-HÄGERDAL B, CORDERO OTERO RR. Generation of the improved recombinant xylose-utilizing *Saccharomyces cerevisiae* TMB 3400 by random mutagenesis and physiological comparison with *Pichia stipitis* CBS 6054. *FEMS Yeast Research* 2003; **3**: 319-326.

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

1. JOUBERT L-M, BOTHA A, WOLFAARDT GM. *Feeding relationships in yeast-ciliate biofilms*. 6<sup>th</sup> Meeting of the Biofilm Club. Powys, UK, 2003: 7.

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

1. BRINK M, FRASER T, TODOROV SD, VAZ-VELHO M, SENEKAL M, DICKS LMT. *A combined use of probiotics and prebiotics in a soymilk-based food supplement aimed at improving the gastro-intestinal flora of children with HIV/AIDS*. 1<sup>st</sup> International Congress. Viana do Castelo, Portugal, 2003.
2. BRINK M, SENEKAL M, DICKS LMT. *A combination of probiotics and prebiotics as a supplement in baby food*. The 17<sup>th</sup> SAAFoST International Congress. Pretoria, South Africa, 2003.
3. DE KWAADSTENIET M, TODOROV SD, DICKS LMT. *Application of bacteriocin-producing lactic acid bacteria to reduce the level of spoilage bacteria in the production of soy milk*. 10<sup>th</sup> Jubilee Scientific Session – 40 years. Biological Faculty, Sofia, Bulgaria, 2003.
4. DE WET BJM, LA GRANGE DC, VAN ZYL WH, PRIOR BA. *Cloning and heterologous expression of the alpha-glucuronidase and alpha-arabinofuranosidase from the black yeast Aureobasidium pullulans*. 23<sup>rd</sup> International Specialised Symposium on Yeasts. Budapest, Hungary, 2003.
5. DU PLESSIS HW, LAMBRECHTS MG, SNYMAN CLC, DICKS LMT, PRETORIUS IS, DU TOIT M. *The occurrence of malolactic fermentation in brandy base wine and its influence on brandy quality*. 1<sup>st</sup> FEMS Congress of European Microbiologists. Ljubljana, Slovenia, 2003.
6. FRASER T, SMIT J, DICKS LMT. *Identification of lactic acid bacteria from children with HIV/AIDS*. 10<sup>th</sup> Jubilee Scientific Session – 40 years. Biological Faculty, Sofia, Bulgaria, 2003.
7. GARNY K, JOUBERT L-M, WOLFAARDT GM. *Influence of nutrient source and biocide treatment on a mixed species biofilm community*. International Water Association Specialized Conference on Biofilms. Cape Town, South Africa, 2003.
8. GARNY K, JOUBERT L-M, WOLFAARDT GM. *Response of biofilm and planktonic bacterial populations to antimicrobial treatment*. International Water Association Specialized Conference on Biofilms. Cape Town, South Africa, 2003.
9. GOLDSCHMIDT GK, GARDNER MN, VAN ZYL LJ, DEANE SM, RAWLINGS DE. *A promiscuous, broad-host range, IncQ-like plasmid isolated from an industrial strain of Acidithiobacillus caldus, its accessory DNA and potential to participate in the horizontal gene pool of biomining and other bacteria*. IBS2003. Athens, Greece, 2003.
10. JOUBERT L-M, BOTHA A, WOLFAARDT GM. *Associations in complex biofilms*. International Water Association Specialized Conference on Biofilms. Cape Town, South Africa, 2003.

11. KAYINGO G, SIROTKIN V, HOHMANN S, PRIOR BA. *Accumulation and release of the osmolyte glycerol is independent of the putative MIP channel SPAC977.17 in Schizosaccharomyces pombe*. 23<sup>rd</sup> International Specialised Symposium on Yeasts. Budapest, Hungary, 2003.
12. KOHRS GA, HOFFMAN LC, BRITZ TJ, DICKS LMT. *Preservation of red meat with natural antimicrobial peptides from lactic acid bacteria*. The 17th SAAFoST International Congress. Pretoria, South Africa, 2003.
13. RAWLINGS DE. *The microbially-assisted dissolution of minerals and its use in the mining industry*. SEANAC/IUPAC Conference. Gabarone, Botswana, 2003.
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13. ROTH RL. *The characterization of recombinant fungal laccases produced by Aspergillus niger and evaluation of their biotechnological applications*. PhD Promotor: Prof WH van Zyl.
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## REKENAARWETENSKAP

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### Navorsingsverslae/Research reports

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5. VAN JAARVELD AS, PAUW J, ERASMUS BFN. *Citrus black spot: modelling the potential for disease distribution at a global scale*. Dept of Zoology, Stellenbosch University, 2003: 80 pp.
6. VAN WYK JH, POOL EJ, HURTER E. *Assessment of estrogenicity in selected water samples supplied by SASOL*. Dept of Zoology, Stellenbosch University, 2003: 10 pp.
7. VAN WYK JH, POOL EJ, HURTER E. *Development, validation and implementation of bioassays for endocrine disrupting contaminants in water*. Dept of Zoology, Stellenbosch University, 2003: 62 pp.

8. WISHART MJ, DAVIES BR, STEWART BA, HUGHES JM. *Examining catchments as functional units for the conservation of riverine biota and maintenance of biodiversity*. Dept of Zoology, Stellenbosch University, 2003: 183 pp.

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1. HURTER E. *Biochemical and physiological changes associated with estrogenic activity in Xenopus laevis: a model for detection of endocrine disruption*. PhD, 2003. 152 pp. Promotor/medepromotor: Prof JH van Wyk/dr EJ Pool.
2. RAMBAU RV. *Molecular genetics of Rhabdomys subspecies boundaries: phylogeography of mitochondrial lineages and chromosomal fluorescence in situ hybridization*. PhD, 2003. 130 pp. Promotor: Prof TJ Robinson.
3. TESKE PR. *Population genetics and the phylogenetic placement of the endangered Knysna seahorse, Hippocampus capensis*. PhD, 2003. 170 pp. Promotor/medepromotor: Dr MI Cherry/dr CA Matthee.

### **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. BOTES A. *Species richness gradients along an altitudinal gradient: the Coast to Karoo transect*. PhD Promotor: Prof SL Chown.
3. COTTERIL FPD. *Evolution and biogeography of lechwe antelope*. PhD Promotor: Dr CA Matthee.
4. CUNNINGHAM PL. *Conservation ecology of the spiny-tailed lizard Uromastyx aegyptius microlepis in the United Arab emirates*. PhD Promotor: Dr AF Flemming.
5. ESTERHUYSE MM. *Tilapia as bio-indicators to study endocrine disruption in natural and unnatural water systems*. PhD Promotor/medepromotor: Prof JH van Wyk/dr R Roth.
6. EVANS F. *Taxonomy, paleoecology and paleobiography of some palaeozoic fishes of Southern Gondwana*. PhD Promotor/medepromotor: Dr J Long (Museum of Western Australia)/dr JA Van den Heever.
7. GOUWS G. *The biogeography, systematics and conservation of phreatoicidean isopods in South Africa*. PhD Promotor: Dr BA Cook.
8. KNOWLES T. *Carbon sequestration across South Africa: 2003 to present*. PhD Promotor: Prof AS van Jaarsveld.
9. MALERI R. *The ability of terrestrial Oligochaeta to survive in ultramafic soils and the assessment of toxicity at different levels of organisation*. PhD Promotor/medepromotors: Prof AJ Reinecke/drr SA Reinecke en J Mesjasz-Przybylowicz.
10. MDZEKE NP. *Contamination levels in and cellular responses of intertidal invertebrates as biomarkers of toxic stress caused by heavy metal contamination in False Bay*. PhD Promotor/medepromotor: Prof AJ Reinecke/dr SA Reinecke.
11. PARDINI AT. *Comparative genome analysis in the Paenungulata*. PhD Promotor: Prof TJ Robinson.
12. SHARPE LL. *Play and social relationship in the meerkat (Suricata suricatta)*. PhD Promotor/medepromotor: Prof MI Cherry/prof T Clutton-Brock.
13. SLABBER S. *Thermal biology of introduced and indigenous springtails at Marion Island*. PhD Promotor: Prof SL Chown.
14. TERBLANCHE JS. *Gas exchange in insects: variability and conditions for adaptation*. PhD Promotor/medepromotor: Prof SL Chown/dr CJ Klok.
15. VAN DEN WORM JH. *A systematic and paleoecological analyses of the Cainozoic Lacertilia (Reptilia: Squamata) of the Western and South Western Cape, South Africa*. PhD Promotor/medepromotor: Dr JA van den Heever/prof P le FN Mouton.

### Magister afgehandel/Master's completed

1. WILLOWS-MUNRO S. *The molecular evolution of the spiral-horned antelope (Mammalia: Tragelaphini)*. MSc, 2003. 109 pp. Studieleier/medestudieleier: Prof TJ Robinson/dr CA Matthee.

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1. ALBLAS A. *Cloacal glands of the group-living lizard, Cordylus cataphractus (Sauria, Cordylidae)*. MSc Studieleier/medestudieleier: Prof PleFN Mouton/dr AF Flemming.
2. DEERE JA. *A comparative study of the physiology of six acarine species from sub-Antarctic Marion Island*. MSc Studieleier/medestudieleier: Prof SL Chown/dr DJ Marshall.
3. DU TOIT DA. *Significance of geographical variation in the number of generation glands in cordylid lizards*. MSc Studieleier/medestudieleier: Prof P le FN Mouton/dr AF Flemming.
4. EFFENBERGER E. *Social structure and spatial use in the group-living lizard, Cordylus cataphractus*. MSc Studieleier: Prof P le FN Mouton.
5. FOURIE S. *An assessment of endocrine disruption activities in water and fish from selected Western Cape rivers*. MSc Studieleier/medestudieleier: Prof JH van Wyk/dr KJ Esler.
6. GASANT M. *Physiological tolerances of introduced and indigenous springtails on Marion Island*. MSc Studieleier: Prof SL Chown.
7. GINSBURG AE. *Biocomplexity across the Gariep basin: a synthesis, 2003 to present*. MSc Studieleier/medestudieleier: Dr B Reyers/prof AS van Jaarsveld.
8. GOLA NP. *A comparison of biomarkers for assessing the combined effects of pesticide mixtures on non-target soil invertebrates*. MSc Studieleier/medestudieleier: Dr SA Reinecke/prof AJ Reinecke.
9. MARAIS E. *Physiological variation in insects: metabolic scaling and gas exchange patterns*. MSc Studieleier: Prof SL Chown.
10. MYBURGH M. *A comparative phylogeographic study of native and introduced springtails on Marion Island*. MSc Studieleier/medestudieleier: Dr SR Daniels/dr B Jansen van Vuuren.
11. NEL W. *Abundance and diversity of meso- and macrofauna in vineyard soils under different management approaches*. MSc Studieleier/medestudieleiers: Prof AJ Reinecke/dr SA Reinecke en mnr P Raath.
12. RETIEF DJ. *Placentation in cordylid lizards*. MSc Studieleier: Dr AF Flemming.
13. RHODES JI. *The phylogeographic structure of the Cape Honey Badger (Mellivora capensis) using mitochondrial and nuclear DNA markers*. MSc Studieleier: Dr CA Matthee.
14. SWART BL. *Evolutionary genetics of the southern rock agama (Agama atra)*. MSc Studieleier: Dr CA Matthee.
15. VERWEY R. *Evolution and the conservation genetics of the red squirrel, Paraxerus palliatus (Rodentia: Sciuridae)*. MSc Studieleier: Dr CA Matthee.

<b>VERBRUIKERSWETENSKAP: VOEDSEL, KLEDING, BEHUISING / CONSUMER STUDIES: FOOD, CLOTHING, HOUSING</b>
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### Tydskrifartikels/Journal articles

1. DU PREEZ R, VISSER EM. Apparel shopping behaviour – part 2: conceptual theoretical model, market segments, profiles and implications. *SA Journal of Industrial Psychology* 2003; **29**(3): 6.
2. HOFFMAN LC, CRAFFORD K, MULLER M, SCHUTTE DeW. Perceptions and consumption of game meat by a group of tourists visiting South Africa. *South African Journal of Wildlife Research* 2003; **33**: 125-130.

3. HOFFMAN LC, MULLER M, CLOETE SWP, SCHMIDT D. Comparison of six crossbred lamb types: sensory, physical and nutritional meat quality characteristics. *Meat Science* 2003; **65**: 1265-1274.
4. HOFFMAN LC, SCHMIDT D, MULLER M, CLOETE JJE, CLOETE SWP. Sensory and objective mutton quality characteristics of SA Merino sheep selected for and against reproductive fitness. *South African Journal of Animal Science* 2003; **33**: 52-64.
5. HOFFMAN LC, STYGER E, MULLER M, BRAND TS. The growth and carcass and meat characteristics of pigs raised in a free-range or conventional housing system. *South African Journal of Animal Science* 2003; **33**: 166-175.
6. MOELICH EI, HOFFMAN LC, CONRADIE PJ. Sensory and objective meat quality characteristics of pork from three halothane genotypes. *Meat Science* 2003; **63**: 333-338.

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

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2. HOFFMAN LC, MULLER M, CLOETE SWP, SCHMIDT D. *Comparison of six crossbred lamb types: sensory and nutritional characteristics*. Abstracts and Proceedings of the 11th International Meat Symposium. Centurion, South Africa, 2003: 12.

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

1. BESTER A, BOTHA MJ, VAN DER MERWE ME. *A participatory action research approach to programme evaluation in a rural society*. ALARPM 6th & PAR 10th World Congress. Pretoria, South Africa, 2003.
2. DU BUISSION P, HOFFMAN LC, MOELICH EI. *The sensory quality of two ostrich breeds*. The 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
3. DU PREEZ R, VISSER EM. *Shopping orientation and lifestyle of female apparel shoppers: testing relationships*. ITAA World Conference. Savannah, Georgia, USA, 2003.
4. MOELICH EI, HOFFMAN LC, CONRADIE PJ. *Sensory and functional meat quality characteristics of pork derived from three halothane genotypes*. The 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
5. MULLER M, HEYMANN H, SADIE A. *A sensory study of South African food products: the selection and training of panelists with different literacy levels*. The 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
6. SADIE A, HEYMANN H, MULLER N. *A sensory study of South African food products: design for carry-over and cross-cultural effects in the prediction of consumer acceptance*. The 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
7. VAN DER MERWE M, ALBERTYN RM, VAN DER MERWE ME, VAN WYK AS. *The effect of participatory action research on transformation, empowerment and knowledge in adult education*. ALARPM 6th & Par 10th World Congress. Pretoria, South Africa, 2003.
8. VISSER EM, JANSE VAN NOORDWYK HS, VAN DER MERWE ME, DU PREEZ R. *Importance of store image attributes: perceptions of large size female apparel consumers*. ITAA World Conference. Savannah, Georgia, USA, 2003.
9. VOSLOO MC, STEINMANN HA. *The food-related household issues of allergic children and their allergy associated needs*. 12th World Congress of Food Science and Technology. Chicago, USA, 2003.

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

1. ALBERTYN RM. *Gender different responses to an empowerment intervention*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.
2. GERICKE A. *The effect of household bleaches on the inhibition of microbial growth and textiles*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.

3. SMIT K. *Morphological characteristics of the blesbok (Damaliscus dorcas phillipsi) cropped from the Free State, South Africa*. South African Wildlife Management Association. Ganzekraal, 2003.
4. SMIT K. *Morphological characteristics of the red hartebeest (Alcelaphus buselaphus caama) cropped from the Free State, South Africa*. South African Wildlife Management Association. Ganzekraal, 2003.
5. VAN DER MERWE ME. *The development of consumer science and its unbundling into specialised programmes at Stellenbosch University*. 7th SAAFECs National Conference. University of the Western Cape, Bellville, 2003.
6. VAN SCHALKWYK S. *Fatty acid analysis of mountain reedbuck (Redunca fulvorufula)*. South African Wildlife Management Association. Ganzekraal, 2003.
7. VAN SCHALKWYK S. *Sensory analysis of black wildebeest (Connocetes gnou)*. South African Wildlife Management Association. Ganzekraal, 2003.
8. VAN WYK AS. *Housing education in South Africa*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.
9. VAN WYK JJ, VAN WYK AS, BOSHOFF H, CROFTON OJ. *Housing management, education and professionalisation in South Africa*. National Conference of the Institute for Housing of South Africa. Rustenburg, 2003.
10. VENTER MD, VAN WYK AS. *The implementation of a housing education literacy programme*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.
11. VOSLOO MC. *Estimating the Glycaemic index (GI) value of a compound food and mixed meals: limitations*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.
12. VOSLOO MC. *Estimating the Glycaemic index (GI) value of a compound food value, applications and methods*. 7th National SAAFECs Conference. University of the Western Cape, Bellville, 2003.

### Navorsingsverslae/Research reports

1. MULLER M. *Preference testing of carbonated fruit juices*. Dept of Consumer Science: Food, Clothing, Housing, Stellenbosch University, 2003. 10 pp.
2. MULLER M. *Preference testing of fifteen new commercial formulations against existing products*. Dept of Consumer Science: Food, Clothing, Housing, Stellenbosch University, 2003. 50 pp.
3. MULLER M, MOELICH EI. *Consumer sensory analysis of chicken injected with three formulations of organic salts and lactate*. Dept of Consumer Science: Food, Clothing, Housing, Stellenbosch University, 2003. 28 pp.
4. MULLER M, MOELICH EI. *Preference testing of UHT starch-based products*. Dept of Consumer Science: Food, Clothing, Housing, Stellenbosch University, 2003. 10 pp.
5. MULLER M, MOELICH EI. *Sensory analysis of bread with different levels of sweetener*. Dept of Consumer Science: Food, Clothing, Housing, Stellenbosch University, 2003. 23 pp.

### Doktoraal lopend/Doctoral current

1. CORNELISSEN JJ. *Factors that influence professional socialization in the human ecology/consumer science discipline: a critical analysis*. PhD (Verbruikerswet) Promotor/medepromotor: Prof AS van Wyk/prof CJ Groenewald.
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 (Verbruikerswet) Promotor/medepromotor: Prof AS van Wyk/prof EM Bitzer.
3. MULLER M. *Cross-literacy sensory study of South African food products using internal and external preference mapping*. PhD (Verbruikerswet) Promotor/medepromotor: Prof H Heymann/prof CJ Groenewald.

4. VAN HUYSSSTEEN S. *A multi-cultural survey of diverse figure types to develop a standard sizing system for implementation in the Southern African clothing industry*. PhD (Verbruikerswet) Promotor: Prof EM Visser.
5. VAN WYK JJ. *Development of a model of housing management for the education of housing management professionals in a developing country*. PhD (Verbruikerswet) Promotor/medepromotor: Prof AS van Wyk/dr H Boshoff.
6. VENTER MD. *Development, implementation and evaluation of a housing education programme for semi-literate individuals whom receive Government subsidized housing*. PhD (Verbruikerswet) Promotor/medepromotor: Prof AS van Wyk/prof H Strydom.

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

1. DLAMINI BP. *Housing knowledge of final year student teachers at Esikhawini College of Education: implications for the development of housing unit standards*. MVerbruikerswet, 2003. 97 pp. Studieleier: Prof AS van Wyk.
2. KLEINHANS EH. *Black female student consumers' perception of clothing store image attributes*. MScVerbruikerswet, 2003. 149 pp. Studieleiers: Proff EM Visser en AM van Aardt.
3. LE ROUX A. *Ondersoek na moontlikhede vir entrepreneuriese ontwikkeling in 'n landelike toerisme-area*. MVerbruikerswet, 2003. 174 pp. Studieleiers: Mee MJ Botha en ME van der Merwe.
4. NOLTE NK. *Protection of the long chain omega-3 polyunsaturated fatty acids in hake head flour*. MScVerbruikerswet, 2003. 163 pp. Studieleier/medestudieleier: Prof LC Hoffman/me A Dalton.
5. PEROLD J. *Entrepreneurial development through nonformal adult education and skills training in a rural community*. MVerbruikerswet, 2003. 208 pp. Studieleiers: Mee MJ Botha en ME van der Merwe.

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

1. COETZEE IM. *Monitoring van gemeenskapsverwagtinge en programaanbiedinge by 'n landelike gemeenskapsentrum*. MVerbruikerswet Studieleiers: Mee ME van der Merwe en MJ Botha.
2. DE BRUIN R. *'n Ondersoek na die versoenbaarheid van katoen/nylon en katoen/poliëster skeringgebreide terriestof handdoeke met industriële versorgingsprosedures*. Mverbruikerswet Studieleiers: Mee A Gericke en L Viljoen.
3. LANGENHOVEN MC. *'n Intervensieprogram vir bevordering van inkomstegenerering deur groepwerk in 'n landelike gemeenskapsentrum*. MVerbruikerswet Studieleiers: Mee ME van der Merwe en MJ Botha.
4. MACGREGOR E. *A comparison of South African and imported spaghetti*. MscVerbruikerswet Studieleier: Dr MC Vosloo.
5. MOJA B. *Post-occupancy evaluation of the Hope City Housing complex of the greater Middelburg Housing Association, Mpumalanga*. MVerbruikerswet Studieleier/medestudieleier: Prof AS van Wyk/me OJ Crofton.
6. NGWASHENG MJ. *Housing needs and problems of Northern Province rural communities and their influence on quality of life*. MVerbruikerswet Studieleier/medestudieleier: Prof AS van Wyk/me MD Venter.
7. NKHABUTLANE P. *The quality attributes of South African rabbit meat*. MScVerbruikerswet Studieleier/medestudieleiers: Prof LC Hoffman/drr MC Vosloo en De W Schutte.
8. SHI L. *Housing status, dwelling quality and residential location*. MVerbruikerswet Studieleier: Prof AS van Wyk.
9. SMIT K. *Meat quality characteristics of blesbok (Damaliscus dorcas phillipsi) and red hartebeest (Alcelaphus buselaphus caama)*. MVerbruikerswet Studieleiers: Prof LC Hoffman en me M Muller.
10. VAN SCHALKWYK S. *Meat quality characteristics of red rhebuck (Pelea capreolus) and black wildebeest (Connochaetes gnou)*. MScVerbruikerswet Studieleiers: Prof LC Hoffman en me M Muller.



11. ZIETSMAN L. *Male apparel consumers' buying behaviour: Lifestyles, shopping orientation and patronage behaviour*. MVerbruikerswet Studieleier/medestudieleier: Prof EM Visser/me ME van der Merwe.

## WISKUNDE / MATHEMATICS

### Tydskrifartikels/Journal articles

1. BANASCHEWSKI B, MATUTU PP. Remarks on the frame envelope of a sigma frame. *Journal of Pure and Applied Algebra* 2003; **177**(3): 6.
2. CASTELLINI G, HOLGATE DB. Closure operator constructions depending on one parameter. *Quaestiones Mathematicae* 2003; **26**(3): 17.
3. CASTELLINI G, HOLGATE DB. A link between two connectedness notions. *Applied Categorical Structures* 2003; **11**(5): 14.
4. DE VILLIERS JM, GOOSEN KM, HERBST BM. Dubuc-deslauriers subdivision for finite sequences and interpolation wavelets on an interval. *SIAM Journal on Mathematical Analysis* 2003; **35**(2): 423-452.
5. KHAZAL R, DASCALESCU S, VAN WYK L. Isomorphism of generalized triangular matrix-rings and recovery of tiles. *International Journal of Mathematics and Mathematical Sciences* 2003; **2003**(9): 6.
6. KUBAYI DG, MASHELE HP. On the difference of orthonormal polynomials. *Quaestiones Mathematicae* 2003; **26**(3): 7.
7. MARITZ P. Around the graves of Petrovskii and Pontryagin. *Mathematical Intelligencer* 2003; **25**(2): 18.
8. MASHELE HP. Mhaskar – prestin operators for Freud weights. *East Journal on Approximations* 2003; **8**(4): 10.
9. MOUTON S. A spectral problem in ordered Banach algebras. *Bulletin of the Australian Mathematical Society* 2003; **67**: 131-144.
10. WILD MMW. Idempotent and co-idempotent stack filters and min-max operators. *Theoretical Computer Science* 2003; **299**: 29.

### Verrigtinge internasionaal/Proceedings international

1. GREEN BW. *Automorphisms of formal power series rings over a valuation ring*. Valuation Theory and Its Applications. University of Saskatchewan, Saskatoon, Canada, 2003; *Fields Institute Communications (American Mathematical Society)* 2003: 9.
2. MARITZ P. *Using history in teaching*. Fourth Southern Hemisphere Symposium on Undergraduate Mathematics and Statistics Teaching and Learning. Queenstown, New Zealand, 2003: 175-179.

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1. HOLGATE DB. *Approach structures and connectedness*. Aspects of Contemporary Topology. University of Antwerp, Antwerp, Belgium, 2003.
2. MATUTU PP. *An indirect proof of the equivalence of stably continuous sigma frames with compact regular sigma biframes*. Aspects of Contemporary Topology. University of Antwerp, Antwerp, Belgium, 2003.
3. MOUTON S. *Positive elements with unit spectrum*. 16th International Conference on Banach algebras (Banach algebras and their applications). Edmonton, Canada, 2003.

### Referate nasionaal/Papers national

1. GREEN BW. *On the Hadamard Quotient Theorem and Applications*. South African Mathematical Society 46th Annual Congress. University of Witwatersrand, Johannesburg, 2003.

2. LAURIE DP. *Numerical calculation of singular oscillatory integrals*. SANUM. University of Stellenbosch, Stellenbosch, 2003.
3. MARITZ P. *James Stirling, the Venetian*. South African Mathematical Society 46th Annual Congress. University of the Witwatersrand, Johannesburg, 2003.
4. MASHELE HP. *The generalized functions of the Second Kind for general exponential weights*. South African Mathematical Society 46th Annual Congress. University of Witwatersrand, Johannesburg, 2003.
5. ROHWER CH, BUTLER PW. *Non-linear multiresolution analysis*. SANUM. University of Stellenbosch, Stellenbosch, 2003.
6. ROHWER CH, HARPER J-P. *Lulu applications to pattern recognition*. SANUM. University of Stellenbosch, Stellenbosch, 2003.
7. VAN WYK L. *A matrix approach to factor rings of the Gaussian integers*. South African Mathematical Society 46th Annual Congress. University of Witwatersrand, Johannesburg, 2003.

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1. WELDEGEBRIEL HG. *Non-cancellation in the class of finitely generated groups with finite commutator subgroups*. PhD, 2003. 81 pp. Promotor/medepromotor: Prof PJ Witbooi/dr A Fransman.

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

1. GOOSEN KM. *Interpolatory subdivision, refinable functions and wavelets*. PhD Promotor: Prof JM de Villiers.
2. MOUBANDJO DV. *A general class of wavelets on a bounded interval and corresponding subdivision operators for finite sequences*. PhD Promotor: Prof JM de Villiers.
3. WESSELS LK. *Studies on supersingular curves of genus 2 over finite fields*. PhD Promotor: Prof BW Green.

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

1. HARPER J-P. *The class number one problem in function fields*. MComm, 2003. 104 pp. Studieleier/medestudieleier: Prof BW Green/prof AB van der Merwe.
2. LÖTTER EC. *Explicit constructions of asymptotically good towers of function fields*. MSc, 2003. 106 pp. Studieleier/medestudieleier: Prof BW Green/prof AB van der Merwe.
3. WEIGT M. *Spectrum preserving linear mappings between Banach algebras*. MSc, 2003. 98 pp. Studieleier: Dr S Mouton.

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

1. GROENEWALD JP. *Computational algebra and applications*. MSc Studieleier: Prof BW Green.
2. KRIEL M. *Studies on algebraic aspects of cryptography*. MSc Studieleier: Prof BW Green.
3. OBERHOLZER RM. *On subnormal subgroups in factorized groups*. MSc Studieleier: Dr A Fransman.

**FAKULTEIT  
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**die Sentrum vir Hoër en Volwasse Onderwys) /**  
**DIDACTICS**  
**(including the Information Centre for Children's Literature and**  
**Media and the Centre for Higher and Adult Education)**

### Tydskrifartikels/Journal articles

1. BITZER EM. Assessing students' changing perceptions of higher education. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 164-177.
2. BITZER EM. Teaching in a global African context: reflections from the 45th World Assembly on Education for Teaching. *South African Journal of Education* 2002; **22**(3): 155-161.
3. BITZER EM, MENKVELD H. Student learning for social relevance: the case of Melkhoufontein. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(1): 200-208.
4. CARL AE, JOHANNES D. Kritieke elemente in die opleiding van onderwysers in die Opvoeding vir Vrede binne die konteks van uitkomsgebaseerde onderwys. *South African Journal of Education* 2002; **22**(3): 162-170.
5. HILL F, LE GRANGE LLL, NEWMARK R. The use of qualitative and quantitative methodologies in a special educational needs study. *International Journal of Special Education* 2003; **18**(2): 62-72.
6. HILL F, NEWMARK R, LE GRANGE LLL. Subjective perceptions of stress and coping by mothers of children with an intellectual disability: a needs assessment. *International Journal of Special Education* 2003; **18**(1): 36-43.
7. KRUGER E. 'n Ekologiese perspektief op 'n Nederlandse sprokie vir letterkunde-onderrig in Afrikaans. *Tydskrif vir literatuurwetenskap* 2003; **29**(2): 1-20.
8. KRUGER E. Folklore as a multicultural component in literature curriculum for Afrikaans as an additional language. *Southern African Journal for Folklore Studies* 2002; **12**(2): 93-113.
9. KRUGER E. Die gebruik van "Wit Oemfaan" (FA Venter) in 'n imagologiese raamwerk vir die onderrig van Afrikaans as addisionele taal. *Literator* 2003; **24**(3): 57-83.
10. KRUGER E. Harry Potter (I): motivering vir die insluiting in die onderrig van Afrikaans. *SAVTO/SAALT – Tydskrif vir Taalonderrig/Journal for Language Teaching* 2003; **37**(2): 179-196.
11. KRUGER E. Harry Potter (II): Intertekstualiteit en literêre genres van die reeks. *SAVTO/SAALT – Tydskrif vir Taalonderrig/Journal for Language Teaching* 2003; **37**(2): 197-214.
12. KRUGER E. Imagologie en die bestudering van literêre stereotipes in die onderrig van Afrikaans as addisionele taal. *Literator* 2002; **23**(3): 197-220.
13. LE GRANGE LLL. (Re)imagining higher education for sustainable futures. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 90-96.
14. LE GRANGE LLL. The role of (dis)trust in a (trans)national education development project. *Higher Education* 2003; **46**(4): 491-505.
15. LE GRANGE LLL. Why publish? *Perspectives in Education* 2003; **21**(2): 129-136.
16. LE GRANGE LLL, GALYAM N. Teaching thinking skills in science to learners with special needs. *International Journal of Special Education* 2003; **18**(2): 84-95.
17. MENKVELD H. Aanvangsleesonderrig en die Hersiene Nasionale Kurrikulumverklaring. *Per Linguam* 2002; **18**(2): 31-41.

18. PARK T. Rethinking and re-imagining higher education: why? *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 5-8.
19. ROUX CD. Playing games with religion in education. *South African Journal of Education* 2003; **23**(2): 131-135.
20. ROUX CD, FERGUSON R. Mediation strategies in the context of learning and teaching about religions in tertiary education. *South African Journal of Education* 2003; **23**(4): 292-297.
21. ROUX CD, FERGUSON R. Teacher participation in facilitating beliefs and values in life orientation programmes: reflections on a research project. *South African Journal of Education* 2003; **23**(4): 272-276.
22. VAN ROOYEN B, LE GRANGE LLL. Interpretive discourses in South Africa's Education White Paper 6: Special Needs Education. *South African Journal of Education* 2003; **23**(2): 152-156.
23. VAN ROOYEN B, LE GRANGE LLL. Pioneering and business discourses in South Africa's Education White Paper 6. *International Journal of Special Education* 2003; **18**(1): 7-16.
24. VAN ROOYEN B, NEWMARK R, LE GRANGE LLL. (De)constructing systems discourses in South Africa's White Paper 6: special needs education. *Acta Academica* 2003; **35**(1): 167-189.
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### **Verrigtinge internasionaal/Proceedings international**

1. KRUGER E. *Die gebruik van strokieprente deur TO Honiball vir die ontwikkeling van visuele en kulturele geletterdheid tydens die onderrig van Afrikaans*. 21st World Congress of the World Federation of Modern Language Associations (FIPLV). RAU, Johannesburg, South Africa, 2003: CD-ROM.
2. LE GRANGE LLL. *Can indigenous knowledge and Western epistemologies work together?* Annual Conference of the Philosophy of Education Society of Great Britain. University of Oxford, Oxford, UK, 2003: 465-473.
3. MURRAY JC. *The relative influence of the teacher in third grade mathematics classroom*. Proceedings of the 27th Annual Conference of the International Group for the Psychology of Mathematics Education. University of Hawaii, Hawaii, USA, 2003: 341-348.
4. ROUX CD. *Facilitating belief and value systems: towards the understanding of democratic values in South Africa*. UNESCO – International Conference on Intercultural Education. University of Jyväskylä, Jyväskylä, 2003: CD-ROM.

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1. MURRAY JC. *A closer look at some factors which are said to affect mathematics learning*. Proceedings of the 9th National Congress of the Association for Mathematics Education of South Africa. University of Cape Town, Cape Town, 2003: 216-223.

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1. BITZER EM. *The transformational value of higher education: university students' perceptions on their own development*. Annual Conference of the Higher Education Research and Development Association of Australasia. University of Canterbury, Christ Church, New Zealand, 2003.
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4. RIDGE E. *Frames of the mind: ways of making meaning*. FLPV International Conference. RAU, Johannesburg, South Africa, 2003.

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2. BITZER EM. *Possible restrictions to knowledge contribution using action research*. Joint Conference of the Kenton Educational Association and the Southern African Comparative History of Education Society. Worcester, 2003.
3. BITZER EM. *University students' perceptions of their own development: comparisons to peer group characteristics*. Conference of the South African Association for Academic Development. Cape Technikon, Cape Town, 2003.
4. BITZER EM, MENKVELD H. *A scholarship of engagement: learning in, from and with communities*. Conference of the South African Association for Academic Development. Cape Technikon, Cape Town, 2003.
5. BITZER EM, MENKVELD H. *Teaching research and community learning: attempts towards scholarship in an undergraduate education programme*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
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15. LE GRANGE LLL. *(Re)imagining in higher education for sustainable futures*. South African Association for Research and Development in Higher Education. University of Stellenbosch, Stellenbosch, 2003.
16. LE ROUX A. *A formative assessment approach in mathematics teacher education*. OVSA. Universiteit van Stellenbosch, Stellenbosch, 2003.
17. LE ROUX A, MURRAY JC, OLIVIER AI. *Children struggling to make sense of fractions: an analysis of children's argumentation*. 9th National Congress of the Association for Mathematics Education of South Africa. UCT, Cape Town, 2003.

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19. REDDY CPS. *Action research and reflective practice: catalysts for professional development processes? Action learning*. Action Research & Process Management (ALARPM). University of Pretoria, Pretoria, 2003.
20. REDDY CPS. *In-service teacher education and professional development: exploring options in times of transformation*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
21. REDDY CPS. *Partnership and professional development of teachers: reflections on case studies in the Western Cape Province*. National Symposium on Integrated Urban Water Management. University of the Western Cape, Cape Town, 2003.
22. REDDY CPS. *Scholarship in environmental education in a "marketised" setting: a case study in an Environmental Education Programme at a university*. Environmental Education Conference. Rhodes University, Grahamstown, 2003.
23. REDDY CPS. *Theory practice relationships: a local perspective on a perennial debate*. South African Association for Research and Development in Higher Education Conference. University of Stellenbosch, Stellenbosch, 2003.
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25. RIDGE E. *A salient feature of the landscape: proficiency in situated language*. SAADHE. University of Stellenbosch, Stellenbosch, 2003.
26. ROUX CD. *Beliefs and values systems in South African education: a critical assessment*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
27. ROUX CD. *Religion in education: an emotive research terrain*. SAAR (South African Academy of Religion) Biennial National Conference. UNISA, Pretoria, 2003.

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2. MERTS C. *Outcomes-based instructional design for education, training and development in the South African Navy*. PhD, 2003. 310 pp. Promotor/medepromotor: Prof CA Kapp/dr CPS Reddy.
3. NAKASA S. *Student academic underpreparedness at some Technikons in South Africa*. PhD, 2003. 427 pp. Promotor: Dr E Ridge.
4. RHODES BD. *Values and beliefs in outcomes-based education: exploring possibilities in a diverse school environment*. PhD, 2003. 189 pp. Promotor: Prof CD Roux.
5. ROGERS L. *Die ontwikkeling van onderwysers vir die implementering van uitkomstegabaseerde onderwys: 'n kwalitatiewe evaluering*. PhD, 2003. 334 pp. Promotor: Prof AE Carl.

### Doktoraal lopend/Doctoral current

1. ADENDORFF SA. *Feedback as an element of formative assessment in the mathematics classroom*. PhD Promotor: Dr JH Smit.
2. ALLEN DF. *The training of pastors for transformation leadership in the Seventh-Day Adventist Church in Southern Africa*. PhD Promotor: Prof CA Kapp.
3. BOTMAN BV. *Values and outcomes-based education: Educators as reflective practitioners in the learning area language, literacy and communications*. PhD Promotor: Prof CD Roux.

4. DODGEN NJ. *Xhosa-speaking pupils' understanding of heat and temperature*. PhD 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 Ondersoek na die invloed van deurlopende assessering op die wiskunde-prestasie van leerders in die voorgesette onderwys- en opleidingsfase*. PhD Promotor/medepromotor: Dr JH Smit/mnr AI Olivier.
7. ENGELBRECHT FDJ. *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. GALYAM N. *Teaching thinking skills in science to learners with special needs: an evaluation study*. PhD Promotor/medepromotor: Prof LLL le Grange/prof CD Cilliers.
10. GILLA N. *Academic staff development practices at selected technikons in South Africa*. PhD Promotor: Prof CA Kapp.
11. 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.
12. GRUNDLING GJ. *Continuing professional learning for facilitators of distance education at the Technikon Southern Africa*. PhD Promotor: Prof CA Kapp.
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. KEYTER MC. *A framework for the introduction of a school based nutrition education curriculum: a case study for Namibia*. PhD Promotor: Prof AE Carl.
15. KIM YM. *Didactic strategies for the use of lyrics in religious education*. PhD Promotor: Prof CD Roux.
16. KRUGER E. *Pikturale humor en die onderrig van Afrikaans as tweede taal*. PhD Promotor/medepromotor: Dr H Menkveld/dr C Troskie-de Bruin.
17. LE CORDEUR MLA. *Die bevordering van lees met behulp van media-onderrigstrategieë vir Afrikaans (graad 7): 'n gevallestudie*. PhD Promotor: Dr H Menkveld.
18. LE ROUX A. *Die invloed van voorkennis op die benutting van probleemgesentreerde leerleenthede in rekenkunde*. PhD Promotor: Prof PG Human.
19. LOUW. *Oorsake na studente-uitval aan Landbou-opleidingsinstellings in die Wes-Kaap provinsie*. PhD Promotor: Prof EM Bitzer.
20. MAMINZA P. *An investigation of the role of the Technikon Southern Africa in rural communities in Mpumalanga*. PhD Promotor: Prof CA Kapp.
21. MOWES D. *The role of student support services in open learning at the University of Namibia*. PhD Promotor: Prof CA Kapp.
22. MURRAY JC. *Die voorkoms van spontane reken-strategieë by junior primêre leerlinge*. PhD Promotor: Prof PG Human.
23. NAIDOO D. *Organizational culture and quality assessment: the case of Northern Gauteng Technikon*. PhD Promotor: Prof CA Kapp.
24. NATHANSON RR. *The interaction between whole school development and ESL teaching practices in the classroom at primary school level*. PhD Promotor: Dr E Ridge.
25. 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.
26. NKANDU E. *The development of peer educators in preventative health education in selected Lusaka communities*. PhD Promotor: Prof CA Kapp.
27. PAULSEN ME. *Co-operative learning for children with special educational needs*. PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.
28. PEPLER AP. *Die effek van die ontwikkeling van 'n geletterdheidsprogram op die professionele ontwikkeling van graad R-opvoeders*. PhD Promotor: Dr H Menkveld.



29. SCHOLTZ JF. *A proposed model of post-graduate medical training for a new health care dispensation*. PhD Promotor: Prof CA Kapp.
30. 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.

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1. DANIELS F. *The conceptualization and application of service learning in Higher Education – a case study*. MPhil, 2003. 140 pp. Studieleier: Prof CA Kapp.
2. NJAMELA DN. *Learning assessment practices in the Education Department at the Eastern Cape Technikon: an evaluative case study*. MPhil, 2003. 79 pp. Studieleier: Prof PG Human.
3. PHILANDER CJ. *Die potensiaal van die TRAC-program om verskillende rolspelers se behoeftes ten opsigte van natuur en skeikunde-onderwys aan te spreek*. MEd, 2003. 285 pp. Studieleier: Dr AS Jordaan.
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1. BOOYSEN IV. *The transformation of night schools to ABET centres with special reference to the ITHUTENG project*. MPhil Studieleier: Prof CA Kapp.
2. BRAND AB. *Kurrikulumontwikkeling en kurrikulum 2005*. MEd Studieleier: Prof AE Carl.
3. BRUWER T. *Wanbegrippe ten opsigte van bewerkings met desimale breuke*. MEd Studieleier: Me JC Murray.
4. CHRISTIAANS DJ. *Bemagtiging van onderderwysers om die leerarea lewensoriëntering in die senior fase van die AOO te implementeer*. MEd Studieleier: Prof CD Roux.
5. DANIELS TB. *Optimising the use of TRAC PAC's in science education in South African schools*. MEd Studieleier: Dr AS Jordaan.
6. DE VRIES H. *Professional development in environmental education: case studies in primary schools*. MEd Studieleier: Dr CPS Reddy.
7. DU PREEZ H. *Die wiskundige ontwikkeling van leerders met ernstige verstandelike gestremdhede*. MEd Studieleier/medestudieleier: Me JC Murray/prof P Engelbrecht.
8. DU TOIT AJC. *Die verband tussen UGO en kontemporêre taalonderrig*. MEd Studieleier: Dr H Menkveld.
9. FETYANA S. *Challenges facing the transformation of Technical Colleges in the Eastern Cape Province*. MPhil Studieleier: Prof CA Kapp.
10. GREENHALGH L. *Utilising multiple intelligences within outcomes-based education: a case study*. MEd Studieleier: Dr E Ridge.
11. ISAACS A. *An evaluation of the MTN-SUNSTEP project on the learning and teaching of science*. MEd Studieleier: Dr AS Jordaan.
12. LOUW S. *Spontane probleemoplossingstrategieë by Graad 6 en 7 leerders*. MEd Studieleier: Me JC Murray.
13. MAHOMED C. *The facilitation of Adult Basic Education and Training: a case study in two industries in Port Elizabeth*. MPhil Studieleier: Prof CA Kapp.
14. MATENTJIE T. *Assessment of the facilitation strategies that promote deep learning for adult learners*. MEd Studieleier/medestudieleier: Prof EM Bitzer/dr C Troskie-de Bruin.
15. 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.
16. MTOSE X. *Teaching portfolios for professional development in an in-service education programme for school educators*. MPhil Studieleier: Prof EM Bitzer.
17. 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.
18. NGIDI B. *A survey of knowledge and skills of Umlazi domestic workers in home management*. MPhil Studieleier: Prof CA Kapp.

19. NOVEMBER T. *Die evaluering van die effektiwiteit van 'n HIV/VIGS voorligtingsprogram*. 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 NIEKERK T. *Die ontwikkeling van leerders in die intermediêre fase se begryping van die vermenigvuldiging van breuke*. MEd Studieleier: Me JC Murray.
22. WICOMB P. *An evaluation of the effectiveness of a Life Skill Programme within the Drakenstein Rehabilitation Center: a case study*. MEd Studieleier: Prof CD Roux.

## OPVOEDINGSBELEIDSTUDIE / EDUCATION POLICY STUDIES

### Tydskrifartikels/Journal articles

1. ADAMS F, WAGHID Y. In quest of a "special education" programme for democratic school governance in South Africa. *International Journal of Special Education* 2003; **18**(1): 17-23.
2. DE KLERK J. Die kompleksiteit van morele opvoeding in Suid-Afrikaanse skole. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1/2): 47-60.
3. LEWIS A, STEYN JC. A critique of mission education in South Africa according to Bosche's mission. *South African Journal of Education* 2003; **23**(2): 101-106.
4. NXAWE L, WAGHID Y. Critical and democratic teacher performance in schools: a South African case study. *International Journal of Special Education* 2003; **18**(2): 73-83.
5. STEYN SC, WOLHUTER CC, DE WET NC, BERKHOUT SJ, DE WAAL EAS. Challenges for comparative education: everything for everybody and understanding of the other. *South African Journal of Education* 2003; **23**(4): 307-312.
6. VAN WYK B. Educational transformation: re-imagining higher education. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 152-158.
7. VAN WYK B. Exploring the notion of educational transformation: in search of constitutive meanings. *International Journal of Special Education* 2003; **18**(2): 1-17.
8. WAGHID Y. Compassionate citizenship and higher education re-imagining. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 159-163.
9. WAGHID Y. Democracy, higher education transformation and citizenship in South Africa. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(1): 91-97.
10. WAGHID Y. Peters' non-instrumental justification of education view revisited: contesting the philosophy of outcomes-based education in South Africa. *Studies in Philosophy and Education – An International Quarterly* 2003; **22**(3-4): 245-265.
11. WAGHID Y. Rethinking justice, equality and rights: communitarian challenges for an atomistic-liberalist view of the South African Constitution and Bill of Rights. *Transformation* 2003; **51**: 101-108.
12. WAGHID Y, LE GRANGE LLL. Research and development in higher education: rating or not? *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(1): 1-4.

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1. BERKHOUT SJ. *Qualifications in a global market: deepening the divide*. Globalisation Challenges for Education. Delhi, India, 2003: 65-76.
2. WAGHID Y. *Caring, conversational justice and political reasoning in university education: advancing an argument for MacIntyre's notion of practical reasoning*. Philosophy of Education Society of Great Britain. University of Oxford, Oxford, UK, 2003: 701-718.

## Referate internasionaal/Papers international

1. BERKHOUT SJ. *Leadership in education transformation: reshaping the organisational discourse*. British Education Leadership and Management Association. Milton Keynes, UK, 2003.
2. WAGHID Y. *Compassionate citizenship and higher education policy 'restructuring' in South Africa*. UNESCO – invited address, UNESCO Institute for Education. Hamburg, Germany, 2003.
3. WAGHID Y. *Deliberative democracy and higher education policy discourse in South Africa*. Public lecture, University of Hamburg. Hamburg, Germany, 2003.
4. WAGHID Y. *Democracy, higher education transformation and citizenship in South Africa*. Twenty-first World Congress of Philosophy. Istanbul, Turkey, 2003.

## Referate nasionaal/Papers national

1. BERKHOUT SJ. *A critical exploration of the qualification and assessment business in higher education*. South African Association for Research and Development in Higher Education. University of Stellenbosch, Stellenbosch, 2003.
2. BERKHOUT SJ, YAZALI J. *Globalisation and gender: promoting women participation in education development: comparative study of India and South Africa*. Joint Conference of the Kenton Educational Association and the Southern African Comparative History of Education Society. Worcester, 2003.
3. BERKHOUT SJ, TAYLOR DJL. *The unbearable brightness of being: management*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
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6. VAN WYK B. *Education transformation: revisiting Gadamer's philosophical hermeneutics*. Joint Conference of the Kenton Educational Association and the Southern African Comparative History of Education Society. Worcester, 2003.
7. WAGHID Y. *Deliberative democracy, citizenship and liberal politics in South Africa*. Philosophical Society of Southern Africa. Rhodes University, Grahamstown, 2003.
8. WAGHID Y. *Deliberative democracy: closing some of the gaps related to teacher education policy implementation*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
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## Boeke/Books

1. WAGHID Y. *Community and democracy in South Africa: liberal versus communitarian perspectives*. Peter Lang, Frankfurt-am Main, Germany, 2003. 204 pp.
2. WAGHID Y. *Education as virtue: cultivating practical reasoning and compassion*. Stellenbosch University, Stellenbosch, South Africa, 2003. 105 pp.

## Doktoraal lopend/Doctoral current

1. ADAMS F. *Critical theory and school governance: advancing and argument for democratic citizenship*. PhD Promotor: Prof Y Waghid.
2. ADAMS N. *A conceptual analysis of teacher education in South Africa in relation to the norms and standards for educators*. PhD Promotor: Prof Y Waghid.
3. DAMONS YH. *A conceptual analysis of teacher education policy and the democratic transformation of education in South Africa*. PhD Promotor: Prof Y Waghid.

4. MASUKU EAS. *School principals' experience of the decentralisation policy in Zimbabwe*. PhD Promotor: Prof SJ Berkhout.
5. NOBLE N. *Intercultural sensitivity in global education communities: a case study of pre-service teacher education programmes at the University of Stellenbosch*. PhD Promotor: Prof SJ Berkhout.
6. VAN NIEKERK H. *Enabling organisational knowledge through action learning – a philosophical study*. PhD Promotor: Prof Y Waghid.
7. VAN WYK B. *Educational transformation at three South African universities in relation to the National Plan for Higher Education*. PhD Promotor: Prof Y Waghid.

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1. BOTHA MJ. *Die rol van die bestuurspan van 'n skool in die vestiging van 'n gesonde leerkultuur*. MEd, 2003. 58 pp. Studieleier: Dr DJL Taylor.
2. KING I. *Reculturing of teachers in the restructuring of a democratic educational system in South Africa*. MEd, 2003. 74 pp. Studieleier: Dr J de Klerk.
3. KOTZE C. *Leierskapontwikkeling van vroue in die onderwys in Namibië*. MEd, 2003. 214 pp. Studieleier: Prof Y Waghid.
4. LINDERTS T. *A critical perspective on the role of outcomes-based education in the democratic transformation of education in South Africa*. MEd, 2003. 103 pp. Studieleier: Dr DJL Taylor.
5. MKENTANE MA. *Capacity building in school governing bodies: a case study of selected Eastern Cape schools*. MEd, 2003. 121 pp. Studieleier: Dr DJL Taylor.
6. PAPIER GR. *The merging of technical colleges in the Eastern Cape – a management challenge*. MPhil, 2003. 112 pp. Studieleier: Prof SJ Berkhout.

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

1. GALLOWAY GMM. *A conceptual analysis of visionary leadership and its implications for educational transformation in schools*. MEd Studieleier: Prof Y Waghid.
2. HOWES SM. *'Tot Nut van het Algemeen': a case study of a Cape school's response to political and philosophical changes in the nineteenth century*. MEd Studieleier: Dr J de Klerk.
3. PILLAY DT. *Reconceptualising the role of professional development for educators in the Western Cape*. MEd Studieleier: Prof Y Waghid.
4. SCHOLTZ Z. *Exploring critical dimensions of mentorship in schools through the professional development of in-service teachers*. MEd Studieleier: Prof Y Waghid.
5. SIGUDLA JP. *School governing bodies and their duty of staff appointments*. MEd Studieleier: Dr DJL Taylor.

<p style="text-align: center;"><b>OPVOEDKUNDIGE SIELKUNDE EN SPESIALISERINGSONDERWYS / EDUCATIONAL PSYCHOLOGY AND SPECIALISED EDUCATION</b></p>
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### **Tydskrifartikels/Journal articles**

1. ALBERTS C, NDILEKA FM, ACKERMANN CJ. Adolescents' perceptions of the relevance of domains of identity formation: a South African cross-cultural study. *Journal of Youth and Adolescence* 2003; **32**(3): 169-184.
2. DANIELS D. Learning about community leadership: fusing methodology and pedagogy to learn about the lives of settlement women. *Adult Education Quarterly* 2003; **53**(3): 189-206.

3. DANIELS D. They need to know where they came from to appreciate where they are going to – visual commentary of informal settlement women on motherhood. *www.jendajournal.com/jenda/Issue5/toc.htm* 2003: On-line.
4. ENGELBRECHT P, OSWALD M, SWART E, ELOFF I. Including learners with intellectual disabilities: stressful for teachers? *International Journal of Disability, Development and Education* 2003; **50**(3): 293-308.
5. HILL F, LE GRANGE LLL, NEWMARK R. The use of qualitative and quantitative methodologies in a special educational needs study. *International Journal of Special Education* 2003; **18**(2): 62-72.
6. HILL F, NEWMARK R, LE GRANGE LLL. Subjective perceptions of stress and coping by mothers of children with an intellectual disability: a needs assessment. *International Journal of Special Education* 2003; **18**(1): 36-43.
7. NEWMARK R. Selection for professional training as educational psychologist: equity and justice. *South African Journal of Higher Education/Suid-Afrikaanse Tydskrif vir Hoër Onderwys* 2003; **17**(3): 114-120.
8. SMIT AG, LIEBENBERG-SIEBRITS L. Understanding the dynamics of parent involvement in schooling within the poverty context. *South African Journal of Education* 2003; **23**(1): 1-5.
9. VAN ROOYEN B, LE GRANGE LLL. Interpretive discourses in South Africa's Education White Paper 6: special needs education. *South African Journal of Education* 2003; **23**(2): 152-156.
10. VAN ROOYEN B, NEWMARK R, LE GRANGE LLL. (De)constructing systems discourses in South Africa's White Paper 6: special needs education. *Acta Academica* 2003; **35**(1): 167-189.

### Referate internasionaal/Papers international

1. SMIT AG. *Dealing with behaviour problems in multiple contexts*. 4th International Conference of the Society for Adolescents and Parents. Queretaro, Mexico, 2003.

### Referate nasionaal/Papers national

1. ADAMS QNP, COLLAIR L, NEWMARK R. *Critical incident trauma on rural farms: an asset-based approach to intervention and prevention*. 9th South African Psychology Congress. Johannesburg, 2003.
2. DANIELS D. *Levelling the research ground: the subject as researcher and researched – visual commentary of informal settlement women on community*. ALARPM 6th and PAR 10th World Congress; Learning Partners in Action. Pretoria, 2003.
3. DANIELS D. *University of Stellenbosch and community engagement: shifting the debate from lip-service to service-learning*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
4. ENGELBRECHT P. *The role of educational psychologists in inclusive education and training*. Western Cape Education Department Congress. Bellville, 2003.
5. JANSEN ZB, HALL R. *Die verkenning van 'n vennootskap tussen drie landelike skole en die Universiteit van Stellenbosch*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
6. LOEBENSTEIN H, ENGELBRECHT P. *Experiences of parents with children without disabilities of inclusive education*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
7. MÖWES A, ENGELBRECHT P. *The views of educators regarding inclusive education in Namibia*. Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
8. NEWMARK R. *Selection for professional training: equity and justice?* 13th Biennial Conference of the South African Association for Research and Development in Higher Education. University of Stellenbosch, Stellenbosch, 2003.
9. NEWMARK R. *The training of psychologists: practicum and service-learning*. 9th South African Psychology Congress (PSYSSA). Johannesburg, 2003.

10. NEWMARK R, ADAMS QNP, COLLAIR L, KITCHING A. *Talk less, act more: using action and drama techniques for social and emotional support of learners with special needs.* Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
11. OSWALD M, SWART E, ENGELBRECHT P, ELOFF I. *Educator's acceptance of and social interactions with individuals with disabilities.* Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
12. PEROLD M, ENGELBRECHT P. *Verhoogde angsvlakke by leerders in die Wes-Kaap: implikasies vir die onderwyser.* Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
13. PEROLD M, ROSSOUW MW, ADAMS QNP. *Cognitive control therapy as a classroom intervention for learners with Fetal Alcohol Syndrome.* 9th South African Psychology Congress (PSYSSA). Johannesburg, 2003.
14. SMIT AG. *Dealing with behaviour problems in multiple contexts.* Western Cape Education Department Psychology Congress. Bellville, 2003.
15. SWART E, ENGELBRECHT P, ELOFF I, OSWALD M, KITCHING A, PETTIPHER R. *Parents' experiences of inclusive education.* Annual Conference of the Education Association of South Africa (EASA). University of Stellenbosch, Stellenbosch, 2003.
16. SWART E, JANSE VAN RENSBURG S, ENGELBRECHT P, ELOFF I, OSWALD M, KITCHING A. *Parents' perspectives of including their child with a disability in a mainstream school: a pilot study.* 9th South African Psychology Congress (PSYSSA). Johannesburg, 2003.

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

1. CAMPHER EJ. *Educational change: a support programme for educators in an inclusive school setting.* PhD, 2003. 300 pp. Promotor: Prof P Engelbrecht.

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

1. ADAMS QNP. *The impact of a development programme for teachers designed to deal with difficult behaviour in the classroom.* PhD Promotor: Prof AG Smit.
2. DE JAGER LJ. *Die ondersteuning van leerders uit hoërisiko-gemeenskappe in primêre skole.* PhD Promotor: Prof AG Smit.
3. DE KLERK EC. *Theory-based predication of academic performance of prospective university students.* PhD Promotor/medepromotor: Prof CD Cilliers/dr SA du Plessis.
4. DU TOIT JH. *An evaluation of a developmental neuropsychological assessment battery for children in the Western Cape.* PhD Promotor: Prof P Engelbrecht.
5. HARRIS HC. *Inklusiewe onderwys: die ontwikkeling van onderwyskundiges.* PhD Promotor: Prof P Engelbrecht.
6. LOEBENSTEIN H. *Support for learners with intellectual disabilities in the transition to secondary schools.* PhD Promotor/medepromotor: Prof P Engelbrecht/dr R Newmark.
7. NAANDA AN. *The development of an inclusive approach in early childhood education in Namibia.* PhD Promotor: Prof P Engelbrecht.
8. PAULSEN ME. *Cooperative learning for children with special educational needs.* PhD Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveldt.
9. ZEALAND DD. *A physical activity programme to support the development of Namibian youth in an at-risk context.* PhD Promotor/medepromotor: Dr ES Bressan/dr R Newmark.

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

1. APRIL LC. *An action research project regarding the role of reflection in increasing teachers' effectiveness in the classroom.* MEdPsig, 2003. 79 pp. Studieleier: Dr R Newmark.
2. BLEAZARD A. *The experience of two children with intellectual disabilities: a case study.* MEdPsig, 2003. 160 pp. Studieleier: Dr R Newmark.

3. ENFIELD LC. *Sexual attitudes and behavioural patterns of early adolescents in an urban area in the Western Cape*. MEdPsig, 2003. 87 pp. Studieleier: Dr CJ Ackermann.
4. HAMILTON J. *Promoting an inclusive environment: a case study of assessment in two rural schools*. MEdPsig, 2003. 182 pp. Studieleier: Dr R Hall.
5. HEESE M. *Die beleving van sosiale ondersteuningsisteme deur voorskoolse kinders uit histories benadeelde gemeenskappe*. MEd, 2003. 136 pp. Studieleier: Prof AG Smit.
6. HORNE DT. *Strategies and guidelines for educators to deal with behaviour problems*. MEd, 2003. 402 pp. Studieleier: Prof AG Smit.
7. KUHNERT A. *Assessment strategies in an inclusive classroom*. MEd, 2003. 154 pp. Studieleier: Dr R Hall.
8. LACKAY JM. *Beroepsgerigte opleiding vir die verstandelik gestremde adolessent: 'n behoefte-analise*. MEd, 2003. 115 pp. Studieleier: Dr R Newmark.
9. MALAN A. *Die beleving van ondersteuningsbehoefes van ouers met 'n kind met Downsindroom en Outistiese Spektrum-stoornis*. MEdPsig, 2003. 187 pp. Studieleier: Dr R Newmark.
10. MOODLEY T. *The relationship between moral reasoning and perceptions of family functioning during adolescence*. MEdPsig, 2003. 120 pp. Studieleier: Dr CJ Ackermann.
11. RUTTER LJ. *The implementation of a whole language model approach with deaf learners in the secondary phase*. MEd, 2003. 145 pp. Studieleier/medestudieleier: Me MW Rossouw/dr R Hall.
12. VAN WYK M. *The experiences of tutors during the implementation of an applied behaviour analysis programme*. MEdPsig, 2003. 132 pp. Studieleier: Dr R Newmark.

### Magister Iopend/Master's current

1. BOTHA C. *Implementering van ontwikkelende speel terapie met leerders in 'n primêre skool: 'n gevallestudie*. MEdPsig Studieleier: Dr R Newmark.
2. DANIELS RA. *The impact of LSCI training on the way teachers respond to difficult behaviour in class*. MEdPsig Studieleier: Prof AG Smit.
3. DAVIDS C. *Sandplay therapy with a learner with intellectual disability*. MEdPsig Studieleier: Dr R Newmark.
4. DAVIS F. *Stress and coping skills of teachers with a learner with a physical disability in inclusive classrooms in the Western Cape*. MEd Studieleier: Prof P Engelbrecht.
5. DE VOS AA. *Die oorgang van LSO vanaf die skool na jong volwasseheid*. MEdPsig Studieleier: Prof P Engelbrecht.
6. DE VRIES C. *Narratives of a family living with HIV/AIDS*. MEdPsig Studieleier/medestudieleier: Dr R Newmark/prof P Engelbrecht.
7. DORFLING P. *Uitkomsgebaseerde onderrig vir leerders met verstandelike gestremde hede*. MEd Studieleier/medestudieleier: Prof P Engelbrecht/dr M Theron.
8. ELLMAN B. *Guidelines for teachers for the inclusion of learners with an intellectual impairment*. MEd Studieleier: Prof P Engelbrecht.
9. GOBA L. *Addressing barriers to learning in the foundation phase in the Eastern Cape*. MEd Studieleier: Prof P Engelbrecht.
10. HANEKOM A. *Die ontwikkeling van 'n opleidingsmodel vir opvoeders in die mediering van die leesproses: 'n outobiografiese narratief*. MEd Studieleier/medestudieleiers: Dr R Newmark/me M Perold en prof LLL le Grange.
11. JANSEN EH. *Die funksionele bemagtiging van die opvoeder van volwassenes*. MEd Studieleier: Prof CD Cilliers.
12. KLEINSMITH R. *The support role of the school counsellor within inclusive high schools*. MEd Studieleier: Me M Oswald.
13. LE GRANGE CD. *A training program for detectives interviewing young victims of sexual abuse*. MEdPsig Studieleier: Dr R Newmark.
14. LE ROUX AM. *Nie-formele leerondersteuningstrategieë in die grondslagfase*. MEd Studieleier: Prof P Engelbrecht.

15. LE ROUX PM. *Teachers' perceptions and experiences of staff relationships: a case study*. MEdPsig Studieleier: Dr R Newmark.
16. LOUW RS. *Evaluering van 'n taal- en luisterprogram in pre-primêre onderwys*. MEdPsig Studieleier: Prof P Engelbrecht.
17. MAKHAVHU TS. *A support program for teachers towards attitude change in inclusive education*. MEd Studieleier: Dr R Newmark.
18. MALLY MW. *Spesiale skole as hulpbronsentrums in 'n inklusiewe onderwysbenadering*. MEd Studieleier/medestudieleier: Prof P Engelbrecht/me M Oswald.
19. MALUMA TR. *The attitudes of educators towards assessment in an inclusive school: a case study*. MEd Studieleier: Dr R Hall.
20. McCALLUM GH. *Die implikasies van inklusiewe onderwys vir leerders wat verstandelik erg gestremd is*. MEd Studieleier: Prof P Engelbrecht.
21. McLACHLAN B. *Evaluation of an INSET programme for learning support assistants in the UK*. MEd Studieleier: Prof P Engelbrecht.
22. MITYA EPM. *Motivating educators towards a culture of teaching and learning in South African schools*. MEd Studieleier: Prof CD Cilliers.
23. MOLTENO G. *The incidence of learning difficulties in SA 13-year old learners who were low birth weight infants*. MEdPsig Studieleier: Prof P Engelbrecht.
24. MUKHARI FB. *The implementation of inclusive education at Filadelfia school: a case study*. MEd Studieleier: Dr R Hall.
25. NEKHUMBE JM. *In-service training for inclusive education in the Limpopo Province region three*. MEd Studieleier: Dr R Newmark.
26. NEL E. *Riglyne vir die ontwikkeling van 'n ondersteuningsprogram vir tienermoeders in 'n agtergeblewe gemeenskap*. MEdPsig Studieleier: Prof AG Smit.
27. PETCH P. *The development of an inclusive educational approach in a mainstream pre-primary school*. MEdPsig Studieleier/medestudieleier: Prof P Engelbrecht/me M Oswald.
28. PRINSLOO M. *Die (re)konstruksie van stories: van sindroom tot self*. MEdPsig Studieleier/medestudieleier: Dr R Newmark/prof LLL le Grange.
29. RATHOGWA R. *A learning support programme for learners with epilepsy in a rural area*. MEd Studieleier: Me M Perold.
30. SAUNDERSON C. *High school educators' perceptions of classroom behaviour problems*. MEd Studieleier: Prof AG Smit.
31. SKOTA B. *The inclusion of learners with intellectual disabilities between the ages of 6-12 years. A support programme for educators*. MEdPsig Studieleier: Dr R Newmark.
32. SMUTS M. *Doing hope in living with HIV/AIDS*. MEdPsig Studieleier: Dr R Newmark.
33. VAN BLERK DA. *The experiences of learning support unit managers and students in London*. MEdPsig Studieleier: Dr R Newmark.
34. VAN DER MERWE M. *Die insluiting van 'n leerder met Downsindroom in hoofstroom-onderwys*. MEd Studieleier: Prof P Engelbrecht.
35. VAN TONDER R. *Vaardighede vir onderwysers binne die LSCI benadering*. MEd Studieleier: Prof AG Smit.
36. VEARY S. *Eye movement desensitization and reprocessing: a case study of a female adolescent sexual assault survivor*. MEdPsig Studieleier: Dr R Newmark.
37. VERMEULEN K. *Guidelines for teachers to support learners from divorced families in a rural area of South Africa*. MEdPsig Studieleier: Dr R Newmark.
38. VISSER J. *The adolescent's experience of parental discipline*. MEd Studieleier: Prof AG Smit.



**SPORTWETENSKAP**  
**(waarby ingesluit die Instituut vir Sportwetenskap) /**  
**HUMAN MOVEMENT SCIENCE**  
**(including the Institute for Sport Science)**

**Tydskrifartikels/Journal articles**

1. ALLEN DC, VAN DER MERWE FJG. 'The 1901 controversy': South African cricket and the Anglo-Boer War, 1899-1902. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(2): 1-14.
2. BRESSAN ES. Effects of visual skills training, vision coaching and sports vision dynamics on the performance of a sport skill. *African Journal for Physical Health Education, Recreation and Dance* 2003; **9**(1): 20-31.
3. FERREIRA S, BRESSAN ES, ROSSOUW CC. A fitness assessment for sitting discus athletes with physical disabilities. *Journal of Human Movement Studies* 2003; **45**: 115-132.
4. LYOKA PA, BRESSAN ES. Elite coaches' perceptions of the characteristics of decision-making that discriminate between expert and novice basketball players. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(1): 59-69.
5. MIESEL ME, POTGIETER JR. The experience of fear in high-risk sport. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(2): 49-56.
6. SLOGROVE L, POTGIETER JR, FOXCROFT CD. Thought sampling of cricketers during batting. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(1): 97-113.
7. TERRY PC, POTGIETER JR, FOGARTY GJ. The Stellenbosch mood scale: a dual-language measure of mood. *International Journal of Sport Psychology* 2003; **1**(3): 231-245.
8. VAN HEERDEN JC, POTGIETER JR. A computerized programme for monitoring athletes' emotional stress and pain perception. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(2): 93-103.
9. VENTER RE, POTGIETER JR. Die meting van assertiwiteit by netbalspelers. *South African Journal for Research in Sport, Physical Education and Recreation* 2003; **25**(1): 115-123.

**Verrigtinge internasionaal/Proceedings international**

1. UYS S, ROSSOUW CC, FERREIRA S, BRESSAN ES. *Sport technology and the improvement of the performance of athletes with disabilities in the throwing events*. Vista 2003 Conference: Sports for Youths with Disabilities. Bollnäs, Sweden, 2003: CD-ROM.

**Referate internasionaal/Papers international**

1. BRESSAN ES. *The effects of participation in a 'Cricket for life' programme on the self-esteem and sport orientation of primary school boys*. World Congress of Science and Medicine in Cricket. Stellenbosch, South Africa, 2003.
2. FERREIRA S, BRESSAN ES, ROSSOUW CC. *The fitness assessment of athletes in the sitting javelin event*. Vista 2003 Conference: Sports for Youths with Disabilities. Bollnäs, Sweden, 2003.
3. STRYDOM M, MANSVELD EPG, BARNARD JG. *The use of DNA damage analysis as criteria for prescribed aerobic exercise in intensity*. World Congress of Science and Medicine in Cricket. Stellenbosch, South Africa, 2003.
4. VAN DER MERWE FJG. *The two lady Mary's: fighting the myth of the 'weaker sex' from the air*. 8th International ISHPES Congress, Polo Scientifico (ex-Sogesta). Urbino, Italy, 2003.
5. VAN DEVENTER KJ. *A case for physical education/life orientation: the health of a nation*. ICSSPE Research Seminar 2003. Universiteit van Pretoria, Pretoria, South Africa, 2003.

**Referate nasionaal/Papers national**

1. BRESSAN ES. *The effects of participation in a 'Cricket for life' programme on the skill development and sport orientation of primary school boys.* South African Sports Medicine Association 10th Biennial Conference. Stellenbosch, 2003.
2. BRESSAN ES, FERREIRA S. *Talent identification testing for children with disabilities.* South African Sports Commission. Johannesburg, 2003.
3. POTGIETER JR. *The use of psychological interventions among professional coaches.* SA Sports Medicine Association 10th Biennial Conference. Stellenbosch, 2003.
4. VAN DER MERWE FJG. *Sports and games of the Malay slaves in the old Cape.* Streekkonferensie van die Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Cape Town, 2003.
5. VAN DEVENTER KJ. *Educational transformation and physical education.* Education Association of South Africa (EASA) Conference. Education – Realities and Challenges. Stellenbosch, 2003.

**Hoofstukke in boeke/Chapters in books**

1. VAN DER MERWE FJG. An anthology of world class sporting achievements by South Africans (1800-2000). In: Amusa LO, Toriola AL, Onyewadume IU, (eds). *Sport in Contemporary African Society: An Anthology.* AFAHPER-SD, Thohoyandou, South Africa, 2003: 48.
2. VAN DER MERWE FJG. The complete history of Laurens Smitz Meintjes (1868-1941) – Africa's first world champion. In: Amusa LO, Toriola AL, Onyewadume IU, (eds). *Sport in Contemporary African Society: An Anthology.* AFAHPER-SD, Thohoyandou, South Africa, 2003: 46.

**Doktoraal lopend/Doctoral current**

1. DE KLERK DR. *The effect of graded compression on endurance activities.* PhD (Sportwet) Promotor: Prof JG Barnard.
2. FERREIRA S. The preparation of athletes with cerebral palsy for elite competition. PhD (Sportwet) Promotor: Dr ES Bressan.
3. HUGO K. A model for talent identification and development in South African sport. PhD (Sportwet) Promotor: Dr ES Bressan.
4. MARAIS R. The effect of a physical activity programme on the wellness of postpartum patients. PhD (Sportwet) Promotor: Prof JG Barnard.
5. PIENAAR AW. Specificity and sensitivity of a biofeedback system during spinal segmental stabilisation in patients with low back pain. PhD (Sportwet) Promotor: Prof JG Barnard.
6. PIETERSE JJ. Die effek van sportsielkundige opleiding op die prestasie van sportlui. PhD (Sportwet) Promotor: Prof JR Potgieter.
7. ZEALAND DD. A physical activity programme to support the development of Namibian youth in an at-risk context. PhD Promotor/medepromotor: Dr ES Bressan/dr R Newmark.

**Magister afgehandel/Master's completed**

1. McMURRAY CA. *The use of inclusive opportunities to promote positive attitudes towards inclusion in physical activities.* MSportwet, 2003. 141 pp. Studieleier: Me CC Rossouw.
2. SCHOUW DD. *The effect of a wellness programme on the absenteeism of security officials at a nuclear plant.* MSportwet, 2003. 113 pp. Studieleier: Prof JG Barnard.

**Magister lopend/Master's current**

1. AFRICA EH. *'n Opname van bewegingsontwikkelingkenmerke van grondslagfase-leerders in Wes-Kaaplandse skole.* MSportwet Studieleier: Dr KJ van Deventer.
2. BAM AGS. *Racial differences in amounts of visceral adipose tissue in young adults.* MSportwet Studieleier: Prof JG Barnard.
3. BERZACK AL. *The application of the principles of flow on exercise behaviour.* MSportwet Studieleier: Prof JR Potgieter.

4. BROWN JL. *The influence of an exercise rehabilitation programme on the functional capacity of patients with chronic obstructive pulmonary disease*. MSportwet Studieleier: Prof JG Barnard.
5. DE HAAN AI. *The effects of a sensorimotor training programme on school readiness*. MSportwet Studieleier: Dr ES Bressan.
6. DU TOIT L. *The relationship between level of cardiorespiratory fitness, body composition and physical self-perception of adolescent girls*. MSportwet Studieleier: Me RE Venter.
7. KWILI NT. *A comparison of attitudes and perception of AIDS among sportspersons*. MSportwet Studieleier: Prof JR Potgieter.
8. RETIEF FJ. *The effect of a six week plyometric training programme on the speed and agility of rugby players*. MSportwet Studieleier: Me RE Venter.
9. ROOS PJ. *The effect of an aqua rehabilitation programme on patients suffering from osteoarthritis*. MSportwet Studieleier: Prof JG Barnard.
10. STRYDOM M. *Die bepaling van moontlike deoksiribonukleïnsuur (DNS)-skade tydens 'n gekontroleerde oefenprogram*. MSportwet Studieleier: Prof JG Barnard.
11. THOMAS BN. *Video analysis as a form of feedback to improve sport performance*. MSportwet Studieleier: Dr ES Bressan.
12. THYSSEN DHJ. *The application of sport psychology principles in the work place*. MSportwet Studieleier: Prof JR Potgieter.
13. VAN DYK EF. *The effects of a training programme on the temporal aspects of wheelchair racing*. MSportwet Studieleier: Dr ES Bressan.
14. VAN NIEKERK E. *Evaluering van opleidingspakette in die fiksheidsbedryf*. MSportwet Studieleier: Prof JG Barnard.
15. WALTERS YE. *Perceptual-motor development programmes for children with learning problems*. MSportwet Studieleier: Dr ES Bressan.
16. WINDELL JHJ. *The effect of a six-week flexitube-training programme on upper body muscle endurance on adolescent children*. MSportwet Studieleier: Me RE Venter.

**SENTRUM VIR ONDERWYSONTWIKKELING /  
CENTRE FOR TEACHING DEVELOPMENT**

**Referate nasionaal/Papers national**

1. FURSTENBURG GM, FURSTENBURG T. *An exploration of mood disorder prevalence and patterns in CSCD clients*. 24th Annual Conference of the Society for Student Counselling in Southern Africa (SSCSA). Stellenbosch, 2003.



**FAKULTEIT  
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**FACULTY OF  
AGRICULTURAL AND  
FORESTRY SCIENCES**

## AGRONOMIE / AGRONOMY

### Tydskrifartikels/Journal articles

1. KÖNIG R, COMBRINK NJJ. The relationship between chicon quality and lateral root formation in witloof chicory (*Cichorium intybus* L.). *South African Journal of Plant and Soil* 2003; **20**(2): 100-102.
2. MAALI SH, AGENBAG GA. Effect of soil tillage, crop rotation and nitrogen application rates on grain yield of spring wheat (*Triticum aestivum* L.) in the Swartland wheat producing area of the Republic of South Africa. *South African Journal of Plant and Soil* 2003; **20**(3): 111-118.
3. MAALI SH, AGENBAG GA. Effect of soil tillage, crop rotation and nitrogen application rates on soil mineral N levels in the Swartland wheat producing area of the Republic of South Africa. *South African Journal of Plant and Soil* 2003; **20**(3): 119-126.
4. VAN TONDER CM, COMBRINK NJJ. The effect of plant growth regulators on the growth and production of out-of-season greenhouse tomatoes (*Lycopersicon esculentum*). *South African Journal of Plant and Soil* 2003; **20**(4): 165-168.

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1. MAALI SH. *Biomass production, yield and quality response of spring wheat to soil tillage, crop rotation and nitrogen fertilisation in the Swartland wheat producing area of South Africa*. PhD (Agric), 2003. 100 pp. Promotor: Prof GA Agenbag.

### Magister afgehandel/Master's completed

1. CHIULELE RM. *Drought-induced tolerance of cowpea plants in response to increased phosphorus supply*. MScAgric, 2003. Studieleier: Prof GA Agenbag.
2. KELLERMAN JL. *'n Ondersoek na onkruidodderweerstand van Lolium in die Suidwes-Kaap*. MScAgric, 2003. 130 pp. Studieleier: Dr PJ Pieterse.
3. RIBEIRO JEMM. *Growth, development and nutritional value of Amaranthus tricolor L. as affected by salinity and harvesting procedures*. MScAgric, 2003. 61 pp. Studieleier: Dr NJJ Combrink.

## BEWARINGSEKOLOGIE / NATURE CONSERVATION

### Tydskrifartikels/Journal articles

1. BOHRER G, KAGAN-ZUR V, ROTH-BEJERANO N, WARD DM, BECKE G, BONIFACIO E. Effects of different Kalahari-desert VA mycorrhizal communities on mineral acquisition and depletion from the soil by host plants. *Journal of Arid Environments* 2003; **55**: 193-208.
2. 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 producing area, South Africa (1996-2000). *Bulletin de l'OIV* 2003; **76**: 5-29.
3. DEAN WRJ, ANDERSON MD, MILTON SJ, ANDERSON TA. Avian assemblages in native *Acacia* and alien *Prosopis* drainage line woodland in the Kalahari, South Africa. *Journal of Arid Environments* 2002; **51**: 19.
4. DOWNS CT, McDONALD PM, BROWN K, WARD DM. Effects of *Acacia* condensed tannins on urinary parameters, body mass, and diet choice of an *Acacia* specialist rodent, *Thallomys nigricauda*. *Journal of Chemical Ecology* 2003; **29**(4): 845.
5. MAHOOD K. Rehabilitation of strip-mines in arid environments. *Urban Green File* 2003; **1**: 22-23.

6. OR K, WARD DM. Three-way interactions between *Acacia*, large mammalian herbivores and bruchid beetles – a review. *African Journal of Ecology* 2003; **41**: 1-9.
7. SHRESTHA MK, WARD DE, STOCK WD, GOLAN-GOLDHIRSH A. Water status of isolated Negev desert populations of *Acacia raddiana* with different mortality levels. *Plant Ecology (formerly: Vegetatio)* 2003; **168**: 297-307.
8. VELDTMAN R, McGEOCH MA. Gall-forming insect species richness along a non-scleromorphic vegetation rainfall gradient in South Africa: the importance of plant community composition. *Australian Journal of Ecology* 2003; **28**: 1-13.
9. VOLIS S, SHULGINA I, ZUR V, MENDLINGER S, WARD DM, YAKUBOV B. Tests for adaptive RAPD variation in population genetic structure of wild barley, *Hordeum spontaneum* Koch. *Biological Journal of the Linnean Society* 2001; **74**: 289-303.
10. VOLIS S, WARD DM, MEDLINGER S. Regional subdivision in wild barley allozyme variation: adaptive or neutral. *Journal of Heredity* 2003; **94**(4): 341-351.
11. WALTERS M, MILTON SJ. The production, storage and viability of seeds of *Acacia karroo* and *A. nilotica* in a grassy savanna in KwaZulu-Natal, South Africa. *African Journal of Ecology* 2003; **41**: 211-217.
12. WARREN M, McGEOCH MA, CHOWN SL. Predicting abundance from occupancy: a test for an aggregated insect assemblage. *Journal of Animal Ecology* 2003; **72**: 468-477.
13. WATTS WS. The effects of communal land resource management on forest conservation in northern and north-eastern Namibia. *Development Southern Africa* 2003; **20**(3): 3.

### Verrigtinge internasionaal/Proceedings international

1. MILTON SJ. *Systems thinking – putting agricultural research in an ecological context*. Curriculum Development and Transformation in Rural Development and Natural Resource Management. Bellagio, Italy, 2003: 58-65.

### Referate internasionaal/Papers international

1. ALLSOPP N, PALMER AR, MILTON SJ, KIRKMAN KP, KERLEY GIH, HURT CR, BROWN CJ. *Rangelands in the new millenium*. Proceedings of the VIIIth International Rangeland Congress. Durban, South Africa, 2003.
2. LESLIE AJ. *Ecology, physiology and conservation of the Okavango's crocodiles*. Invited speaker: Wellesley College. Boston, USA, 2003.
3. LESLIE AJ. *Okavango's crocodiles*. Invited speaker: Harvard Travellers Club. Boston, USA, 2003.
4. LESLIE AJ. *Okavango's crocodiles*. Earthwatch Principal Investigators Symposium. Cambridge, Massachusetts, USA, 2003.
5. LESLIE AJ. *The Okavango story*. Invited speaker: National Zoological Gardens. Washington DC, USA, 2003.
6. MILTON SJ. *Socio-economic aspects of emerging ecosystems (EE)*. UNESCO/MAB-SCOPE-University of Brasilia Workshop. Brasilia, 2003.

### Referate nasionaal/Papers national

1. LESLIE AJ. *Ecology, physiology and conservation of the Nile crocodile, Crocodylus niloticus, in the Okavango delta, Botswana*. Wildlife Management Association of Southern Africa. Ganzekraal, 2003.
2. LESLIE AJ. *Okavango's crocodiles*. Invited speaker: Dept of Zoology, University of Cape Town. UCT, Cape Town, 2003.
3. MILTON SJ. *A biological perspective*. Conference Synthesis International Rangeland Symposium. Durban, 2003.
4. MILTON SJ. *Factors influencing alien grass invasion into remnant Renosterveld patches*. Fynbos Forum. Hartenbos, 2003.
5. MILTON SJ. *Restoration and "emerging ecosystems" in the arid zone*. Arid Zone Forum. Kathu, Northern Cape, 2003.

**Kreatiewe werk/Creative work**

1. KRUG R, MILTON SJ, MIDOKO-IPONGA D. *Renosterveld restoration: the role of competition, herbivory and disturbance*. Fynbos Forum. Hartenbos, 2003.
2. KRUG R, WIEGAND K, MILTON SJ. *Optimal patch size for restoration of Renosterveld? Or patch size: a seeds view*. Fynbos Forum. Hartenbos, 2003.
3. LESLIE AJ. *Botswana's gently smiling jaws*. Marung Magazine, Air Botswana, 2002.
4. LESLIE AJ. *Ngami times, Maun, Botswana*. Launch of the Okavango Crocodile Project, 2002.
5. LESLIE AJ. *Crocodile Chronicles. "Beasts of Botswana", Documentary*. National Geographic Television, 2002.
6. LESLIE AJ. *DewClaw productions for the National Geographic Channel. "Crocodiles of the Okavango"*. Filming, 2003.
7. LESLIE AJ. Feature film on DVD: *"The Monster of Tanganyika". A crocodile special filmed in Burundi*. Gedeon programmes, Paris, France, 2003.
8. LESLIE AJ. *Okavango's crocodiles*. Global adventure travel, 2002.
9. LESLIE AJ. *Teaser film shoot. Botswana's crocodiles*. Tigress Productions (UK), 2003.
10. MILTON SJ. *Assessing the rangelands of the Little Karoo-preliminary results*. Arid Zone Forum. Kathu, Northern Cape, 2003.
11. MILTON SJ. *Monitoring your veld*. Conservation Farming Report Back. Beaufort West, 2003.
12. MILTON SJ. *Overview: threats posed by exotic annual grasses to South African natural ecosystems*. Workshop on Grasses as an alien invasive problem in South Africa. Kirstenbosch, 2003.
13. MILTON SJ. *Succession in West Coast Renosterveld, with different grazing intensities and ploughing histories*. Fynbos Forum. Hartenbos, 2003.
14. MILTON SJ. *What promotes Rooigras (Themeda triandra) growth in South Coast Renosterveld?* Fynbos Forum. Hartenbos, 2003.
15. MILTON SJ, NETSHILAPHALA M. *Ants as bioindicators*. Arid Zone Forum. Kathu, Northern Cape, 2003.

**Doktoraal lopend/Doctoral current**

1. HUGO EA. *Spatial variability of the invertebrate community in Azorella selago on Marion Island: implications for climate change*. PhD Studieleiers: Dr MA McGeoch en prof SL Chown.
2. IPONGA DI. *Influence of herbivory and competition by grasses on establishment of shrub species on grazing lawns in lowland Renosterveld*. PhD Studieleier: Prof SJ Milton.
3. IPONGA DI. *Bush encroachment by Terminalia sericea in eastern Namibia*. PhD Studieleier: Prof DM Ward.
4. KRUG R. *Assessing and modelling vegetation restoration to improve the efficiency of restoration management in the Renosterveld*. PhD Studieleier: Prof SJ Milton.
5. MBATHA K. *Using nutritional quality of forage for predicting sustainable livestock and game stocking rates in the Northern Cape*. PhD Studieleier: Prof DM Ward.

<b>BOSKUNDE / FORESTRY SCIENCE</b>
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**Tydskrifartikels/Journal articles**

1. ACKERMAN P, PULKKI RE. Economic impact of secondary intermediate transport of pulpwood to truck transport depots in South Africa: three case studies. *International Journal of Forest Engineering* 2002; **14**(2): 53-63.



2. ACKERMAN P, TALBOT BT. Reverting urban exotic pine forests to *Machia* and indigenous forest vegetation using cable yarders on the slopes of Table Mountain, South Africa. *South African Forestry Journal* 2003; **198**: 35-43.
3. MANYUCHI KT, PULKKI RE, ACKERMAN P. An analysis of occupational health and safety in forest harvesting in the South African forest industry. *Journal of the Ergonomics Society of South Africa* 2003; **15**(1): 2-18.
4. MUGUNGA C, VAN WYK G. Potential for genetic improvement of yield of exotic softwood tree species in Rwandan plantation forestry. *South African Forestry Journal* 2003; **199**: 65-75.

### Referate internasionaal/Papers international

1. PETERS J, GARCIA QUIJANO J, CONTENT T, VAN WYK G, HOLDEN NM, WARD SM, MUYS B. *A new land use impact assessment method for LCA; theoretical fundamental and field validation*. 4th International Conference on Life-Cycle Assessment in the Agri-food sector. Denmark, 2003.

### Referate nasionaal/Papers national

1. GRUNDY IG. *Natural resources in communal rangelands as a key component of rural livelihoods*. Rangelands in the New Millenium. International Rangelands Conference. Durban, 2003.

### Doktoraal lopend/Doctoral current

1. ACKERMAN P. *Using supply chain management to integrate strategic, tactical and operational planning of wood procurement in the Eastern Cape*. PhD (Bosb) Promotor: Prof RE Pulkki.
2. ASENGA D. *Nutrient cycling in small-scale woodlots in Tanzania*. PhD (Bosb) Promotor/medepromotor: Dr A Rozanov/dr IG Grundy.
3. DLAMINI CS. *The value of the non-timber forestry sector in Swaziland: overview, assessment, policy improvement and implementation*. PhD (Bosb) Promotor: Dr IG Grundy.
4. FALCAO M. *Miombo woodland management in Mozambique*. PhD (Bosb) Promotor/medepromotor: Dr IG Grundy/prof SJ Milton.
5. MUDEKWE J. *Shared forest management and sustainable livelihoods in Zimbabwe's State Forest*. PhD (Bosb) Promotor: Dr IG Grundy.
6. MWITWA JP. *Growth and physiological parameters related to shoot die-back in *Pterocarpus angolensis* seedlings*. PhD (Bosb) Promotor: Prof G van Wyk.
7. RAMACHELA K. *Studies on the propagation and establishment of *Uapaca kirkiana* in Zimbabwe*. PhD (Bosb) Promotor: Dr JM Theron.
8. TURIAHABWE N. *The impact of institutional reforms in the public sector and their implications for sustainable management of forest resources in Uganda*. PhD (Bosb) Promotor: Dr IG Grundy.
9. WALKER KP. *Silvopastoral studies in Botswana*. PhD (Bosb) Promotor: Dr JM Theron.

### Magister afgehandel/Master's completed

1. CONTENT T. *Landgebruikimpact van een subtropische bosbouwplantage in Westfalia (Zuid-Afrika): evaluatie met een nieuwe LCA methode voor de impactcategorie landgebruik en vergelyking met bosbouwsystemen in andere klimaatgebieden*. MScBosb, 2003. 75 pp. Studieleier/medestudieleiers: Prof B Muys/prof G van Wyk.
2. DAWSON E. *The use of habitat integrity to determine the "health" of the South-western Cape rivers*. MSc, 2003. 166 pp. Studieleiers/medestudieleier: Drr KJ Esler en C Boucher/mnr H van der Merwe.
3. SANDE BD. *Pollarding and root pruning as management options for tree-crop competition and firewood production*. MScBosb, 2003. 117 pp. Studieleier/medestudieleier: Dr JM Theron/prof G van Wyk.
4. VAN DER SIJDE JHR. *The assessment of fire history in plantations of Mpumalanga North*. MScBosb, 2003. 210 pp. Studieleier: Dr JM Theron.

**Magister Iopend/Master's current**

1. ARAIA GM. *The collaborative riverine forest management options of the Western-lowland of Eritrea*. MScBosb Studieleier: Dr IG Grundy.
2. DICKS M. *Growth and water-use of Acacia mearnsii*. MScBosb Studieleier/medestudieleier: Dr F Ellis/dr JM Theron.
3. GUGUSHE NM. *Natural resource use and management in two villages in the former Ciskei, Eastern Cape, South Africa*. MFor Studieleier: Dr IG Grundy.
4. KUNNEKE A. *Estimation of potential timber supply in the SADC region: a fuzzy technology approach*. MScBosb Studieleier: Prof BV Bredenkamp.
5. NEL J. *A generic shell for forestry growth and yield models in a data-driven environment*. MScBosb Studieleier: Prof BV Bredenkamp.
6. NGCOBO N. *Domestication of the genus Englerophytum*. MScBosb Studieleier: Prof G van Wyk.
7. NICHOLLS S. *The effect of road conditions on forest transport in South Africa*. MScBosb Studieleier/medestudieleier: Prof RE Pulkki/dr HJE Uys.
8. RETIEF ECL. *General combining ability in hybridisation*. MScBosb Studieleier: Prof G van Wyk.
9. ROSS T. *Slash load prediction and characterisation for the development of a fuel model for P. patula in South Africa*. MScBosb Studieleier: Dr JM Theron.
10. TSHIGUVO E. *Importance of sacred forests to biodiversity conservation in Venda*. MScBosb Studieleier/medestudieleier: Dr IG Grundy/dr R Dean.
11. VERMAAK J. *The effect of site on growth, density and fibre properties of Pinus patula*. MScBosb Studieleier: Prof G van Wyk.

**ENTOMOLOGIE EN NEMATOLOGIE /  
ENTOMOLOGY AND NEMATOLOGY**
**Tydskrifartikels/Journal articles**

1. GILIOREE JH. Insect diversity in the Cape floristic region. *African Journal of Ecology* 2003; **41**: 237-244.
2. GROVE T, GILIOREE JH, PRINGLE KL. The relationship between citrus thrips, *Scirtothrips aurantii* (Thysanoptera: Thripidae), abundance and fruit size in mango orchards. *African Entomology* 2003; **11**(1): 39-48.
3. HEUNIS JM, PRINGLE KL. The susceptibility of *Aphelinus mali* (Haldeman), a parasitoid of *Eriosoma lanigerum* (Hausmann), to pesticides used in apple orchards in the Elgin area, Western Cape Province, South Africa. *African Entomology* 2003; **11**(1): 91-95.
4. PRINGLE KL, EYLES DK, BROWN L. Trends in codling moth activity in apple orchards under mating disruption using pheromones in the Elgin area, Western Cape Province, South Africa. *African Entomology* 2003; **11**(1): 65-75.
5. SAMWAYS MJ. A deep love of nature: tribute to Norman Moore on his 80th birthday. *Odonnatologica* 2003; **32**: 6-8.
6. SAMWAYS MJ. Marginality and national red listing of species. *Biodiversity and Conservation* 2003; **12**: 2523-2525.
7. SAMWAYS MJ. Southern African invertebrate SG: linking to other specialist groups and beyond. *Species* 2003; **40**: 18.
8. TADELE T, PRINGLE KL. Food consumption by *Chilo partellus* (Lepidoptera: Pyralidae) larvae infected with *Beauveria bassiana* and *Metarhizium anisopliae* and effects of feeding natural versus artificial diets on mortality and mycosis. *Journal of Invertebrate Pathology* 2003; **84**: 220-225.

9. TADELE T, PRINGLE KL. Germination, radial growth, and sporulation of *Beauveria bassiana* and *Metarhizium anisopliae* isolates and their virulence to *Chilo partellus* (Lepidoptera: Pyralidae) at different temperatures. *Biocontrol Science and Technology* 2003; **13**(7): 699-704.
10. WAKGARI WM, GILIOME JH. The biology of three mealybug species (Hemiptera: Pseudococcidae) found on citrus in the Western Cape Province, South Africa. *African Entomology* 2003; **11**(2): 173-182.
11. WAKGARI WM, GILIOME JH. Natural enemies of three mealybug species (Hemiptera: Pseudococcidae) found on citrus and effects of some insecticides on the mealybug parasitoid *Coccidoxenoides peregrinus* (Hymenoptera: Encyrtidae). *Bulletin of Entomological Research* 2003; **93**: 243-254.

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

1. GILIOME JH, HATTINGH V. *Old and new technologies for the integrated management of citrus pests in South Africa*. Integrated Pest Management Conference for Sub-Saharan Africa. Kampala, Uganda, 2002: 1-433.

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

1. SAMWAYS MJ. Butterfly conservation. In: Maravalhas E, (ed.). *The butterflies of Portugal*. Apollo, Copenhagen, Denmark, 2003: 101-110.
2. SAMWAYS MJ. Conservation. In: Hutchins M, Evans AV, Garrison RW, Schlager N, (eds). *Grzimek's Insects*. Farmington Hills, Gale Group, USA, 2003: 84-91.

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

1. BLOMEFIELD T. *Bionomics, behaviour and control of the codling moth, Cydia pomonella* (L.) (Lepidoptera: Tortricidae), in pome fruit orchards in South Africa. PhD (Agric), 2003. 300 pp. Promotor/medepromotor: Prof JH Giliomee/dr KL Pringle.
2. VAN ZYL J. *Occurrence, biology, damage potential and management of Heterodera schachtii* Schmidt (Nematoda: Heteroderidae) in small scale farming in the Western Cape Province, South Africa. PhD (Agric), 2003. 297 pp. Promotor: Prof AJ Meyer.
3. WALTON VM. *Development of an integrated management system for vine mealybug, Planococcus ficus* (Signoret) in vineyards in the Western Cape Province, South Africa. PhD, 2003. 246 pp. Promotor: Dr KL Pringle.

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

1. ACHIANO KA. *The use of predatory beetles for the biological control of house flies*. PhD Promotor: Prof JH Giliomee.
2. BROWN L. *Development of sampling systems of apple orchards in the Elgin district*. PhD (Agric) Promotor: Dr KL Pringle.
3. DE VILLIERS M. *The development of an insect pest management system for table grapes in the Hex River Valley*. PhD (Agric) Promotor: Dr KL Pringle.
4. TADELE T. *Biological control of the spotted stalk borer Chilo partellus* (Lepidoptera: Pyralidae) with the entomopathogenic fungus *Beauveria bassiana*. PhD (Agric) Promotor: Dr KL Pringle.
5. TIMM AE. *Molecular and morphological studies of tortricids of importance to the fruit industry in South Africa*. PhD (Agric) Promotor/medepromotor: Prof H Geertsema/prof L Warnich.
6. VAN BILJON ER. *Towards an integrated control programme for nematode parasites of tobacco in South Africa*. PhD (Agric) Promotor: Prof AJ Meyer.

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

1. MOORE J. *Biological control of the eucalyptus borers Phoracantha semipunctata* (Fabricius) and *P. recurva* Newman. MSc, 2003. 122 pp. Studieleier: Prof JH Giliomee.

2. NEETHLING JvdW. 'n Studie van die plantparasitiese nematodes by wingerde in die Vredendal gebied. MScAgric, 2003. 137 pp. Studieleier: Prof AJ Meyer.
3. VAN JAARSVELD AJ. Occurrence of plant parasitic nematodes and woolly apple aphids in the rhizosphere of apple trees in the Western Cape. MScAgric, 2003. 137 pp. Studieleier/medestudieleier: Dr KL Pringle/prof AJ Meyer.

### Magister lopend/Master's current

1. BALL J. A critical evaluation of the Red Data Book on butterflies of South Africa. MScBos Studieleier: Prof H Geertsema.
2. DE WET OH. Evaluating insecticide resistance in the grapevine mealybug, *Planococcus ficus* (Signoret) (Homoptera: Pseudococcidae). MScAgric Studieleier: Dr KL Pringle.
3. HENRICO EM. The phenology of emergence of codling moth from untreated and insecticide treated orchards. MScAgric Studieleier: Dr KL Pringle.
4. HOBLOLO VL. Field biology and identification of fruit flies in the Western Cape Province. MSc Studieleier/medestudieleier: Dr KL Pringle/prof H Geertsema.
5. O'CONNELL R. Die invloed van dekgewasse op die bevolkingsgetalle van plantparasitiese nematodes in wingerde in die Upington omgewing. MScAgric Studieleier: Prof AJ Meyer.
6. THEINERT C. The influence of edge effects on potential natural enemies in apple orchards. MSc Studieleier: Dr KL Pringle.
7. TSHOTSHO ND. Bio-ecology of lepidopterous pests on citrus in Swaziland. MScAgric Studieleier: Prof H Geertsema.

## GENETIKA / GENETICS

### Tydskrifartikels/Journal articles

1. CRONJE PJR, JACOBS G, SADIE A, COOK NC. Quantification of the dormancy progression in terminal apple buds. Changes in growth and water status. *Advances in Horticultural Science* 2003; **17**(2): 105-110.
2. GROENEWALD JZ, MARAIS AS, MARAIS GF. Amplified fragment length polymorphism-derived microsatellite sequence linked to the *Pch1* and *Ep-D1* loci in common wheat. *Plant Breeding* 2003; **122**: 83-85.
3. HOOGENDIJK CF, SCHOLTZ CL, PIMSTONE SM, EHRENBORG E, KASTELEIN JJP, DEFESCHE JC, THIART R, DU PLESSIS L, DE VILLIERS JNP, ZAAHL MG, DELPORT R, RUBINSZTEIN DC, RAFFEL LJ, GRIM CE, MEDIENE-BENCHEKOR S, AMOUYEL P, BROUSSEAU T, STEYN K, LOMBARD CJ, HAYDEN MR. Allelic variation in the promoter region of the LDL-receptor gene: analysis of an African-specific variant in the FP2 cis-acting regulatory element. *Molecular and Cellular Probes* 2003; **17**: 175-181.
4. JOUBERT E, WIUM GL, SADIE A. Discoloration of sun-dried and processed Elberta peaches during storage. *Journal of Food Processing and Preservation* 2003; **27**:351-364.
5. LESIA MGA, HOFMEYR MD, D'AMATO ME. Genetic variation in three *Chersina angulata* (angulate tortoise) populations along the west coast of South Africa. *African Zoology* 2003; **38**(1): 109-117.
6. MARAIS GF, MARAIS AS. Identification of *Thinopyrum distichum* chromosomes responsible for its salt tolerance. *South African Journal of Plant and Soil* 2003; **20**(3): 103-110.
7. MARAIS GF, PRETORIUS ZA, MARAIS AS, WELLINGS CR. Transfer of rust resistance genes from *Triticum* species to common wheat. *South African Journal of Plant and Soil* 2003; **20**(4): 193-198.
8. ZAAHL MG, DU PLESSIS L, WARNICH L, KOTZE M, MOORE SW. Significance of novel endothelin- $\beta$ receptor gene polymorphisms in Hirschsprung's disease: predominance of a novel variant (561C/T) in patients with co-existing Down's syndrome. *Molecular and Cellular Probes* 2003; **17**: 49-54.

## Referate internasionaal/Papers international

1. BOTES WC. *An investigation into the genotype X environment interaction of triticale in the Western Cape, South Africa*. XIX International Congress of Genetics. Melbourne, Australia, 2003.
2. BURGER JT, ENGELBRECHT M, VAN EEDEN C. *The construction of gene silencing vectors for the introduction of multiple virus resistance in grapevines*. 14th Meeting of the International Council for the Study of Virus-like Disease of the Grapevine. Locorotondo, Italy, 2003.
3. GEBHARDT GS, HILLERMANN-REBELLO R, CARELSE-TOFA K, ODENDAAL HJ. *Hyperhomocysteinaemia and abruptio placentae – molecular genetic analysis of 100 consecutive cases*. European Human Genetics Conference. Birmingham, England, UK, 2003.
4. KIMBERG M, WARNICH L. *A study of the possible role of low expressed functional PPOX alleles in the variable penetrance of variegate porphyria*. Porphyrins & Porphyrias 2003. Prague, Czech Republic, 2003.
5. MARAIS GF, BOTES WC. *Recurrent selection as a means to pyramid major genes for pest resistance in spring wheat*. 10th International Wheat Genetics Symposium. Paestum, Italy, 2003.
6. MARAIS GF, MARAIS AS. *Attempt to translocate Thinopyrum distichum chromosome arms carrying salt tolerance genes to triticale and wheat chromosomes*. 10th International Wheat Genetics Symposium. Paestum, Italy, 2003.
7. MERRYWEATHER-CLARKE AT, ZAAHL MG, CADET E, VIPRAKASIT V, VAN DER MERWE S, CAPRON D, BOMFORD A, POINTON JJ, WIMHURST VLC, WARNICH L, TANPHAICHITR V, KOTZE MJ, ROCHETTE J, ROBSON KJH. *Heterozygosity for novel hepcidin mutations may modify the phenotype of HFE C282Y heterozygotes*. Bioiron 2003. Washington DC, USA, 2003.
8. MULLER M, HEYMANN H, SADIE A. *A sensory study of South African food products: the selection and training of panelists with different literacy levels*. Pangborn Symposium. Boston, USA, 2003.
9. SADIE A, HEYMANN H, MULLER N. *A sensory study of South African food products: design for carry-over and cross-cultural effects in the prediction of consumer acceptance*. 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
10. WARNICH L, KOEGELEBERG AJ. *Variegate porphyria in South Africa: a population-based study to determine the frequency of the founder gene mutation (R59W)*. Porphyrins & Porphyrias 2003. Prague, Czech Republic, 2003.
11. ZAAHL MG, MERRYWEATHER-CLARKE AT, DE VILLIERS JNP, POINTON JJ, SMITH L, FREEMAN T, WILLIAMS D, PRITCHARD C, WARNICH L, ROBSON KJH, KOTZE MJ. *Microarray analysis and microsatellite genotyping in South African patients with multiple sclerosis: Identification of a significant association with the gene encoding monocyte chemotactic protein-3*. Joint Neurology Association Congress. University of Cape Town, Cape Town, 2003.
12. ZAAHL MG, MERRYWEATHER-CLARKE AT, VAN DER MERWE S, WARNICH L, KOTZE MJ, ROBSON KJH. *HFE, DCYTB, IREG1 and HAMP mutations in primary iron overload patients in the South African population*. Bioiron 2003. Washington DC, USA, 2003.
13. ZAAHL MG, WINTER TA, WARNICH L, ROBSON KJH, KOTZE MJ. *Analysis of the SLC11A1 gene in South African patients with inflammatory bowel disease*. Digestive Disease Week. Orlando, Florida, USA, 2003.

## Referate nasionaal/Papers national

1. BOTES WC. *Die aanwending van WebCT vir tutoriale en toetse; die slaggate en voordele*. WebCT Mini-konferensie. Stellenbosch, 2003.
2. DE JONG G, WHITEHEAD CB, MULLER L, KOTZE MJ, WARNICH L. *Autosomal recessive deafness and Connexin 26 and 30 (GJB2 and 6 gene) mutations in a South African population*. 10th Biennial Congress of the Southern African Society of Human Genetics. Durban, 2003.

3. GEBHARDT GS, BURTON R, HILLERMANN-REBELLO R, MARAIS AD, ODENDAAL HJ, ANTHONY J. *L-CHAD deficiency is not a common underlying fetal disorder in women with the HELLP syndrome in the Western Cape Region of South Africa*. 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
4. GEBHARDT GS, HILLERMANN-REBELLO R, CARELSE-TOFA K, OWEN T, ODENDAAL HJ. *Abruptio placentae and hyperhomocysteinaemia: molecular genetic analysis of 100 secutive cases at Tygerberg Hospital, South Africa*. 28th Congress of the South African Society of Obstetricians and Gynaecologists. Dikhololo, 2003.
5. GERBER J, STEYN I, CARR J, HAUG PDH, LE ROUX D, JORDAAN HF, KOTZE MJ, SWART E, WARNICH L. *CYP polymorphisms in South African variegate porphyria patients: an association study*. 10th Biennial Congress of the Southern African Society of Human Genetics. Durban, 2003.
6. HILLERMANN-REBELLO R, CARELSE-TOFA K, VAN PAPENDORP E, GEBHARDT GS. *The genetics of pre-eclampsia in the Western Cape region*. 3rd Annual Congress of the Society of Midwives of South Africa. Cape Town, 2003.
7. HILLERMANN-REBELLO R, CARELSE-TOFA K, VAN PAPENDORP E, GEBHARDT GS. *Molecular genetic analysis of pre-eclampsia in the Western Cape region of South Africa*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.
8. KIMBERG M, WARNICH L. *A study of the possible linkage between erratic expression of the wild type PPOX allele and the variable expression of the variegate porphyria phenotype*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.
9. MATZOPOULOS M, BURGER JT, BELLSTEDT DU. *The cloning and expression of potato virus Y coat protein genes in E. coli*. SASBMB 18th Congress, Molecules of Life UP-North. University of Pretoria, Groenkloof Campus, Pretoria, 2003.
10. WARNICH L, KOEGELENBERG AJ. *Variegate porphyria in South Africa: a population-based study to determine the frequency of the founder gene mutation (R59W)*. 10th Biennial Congress of the Southern African Society of Human Genetics. Durban, 2003.
11. WHITEHEAD CB, DE JONG G, MULLER L, KOTZE MJ, WARNICH L. *Non-syndromic autosomal recessive deafness and the role Connexin 30 mutations play in the South African population*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.
12. ZAAHL MG, MERRYWEATHER-CLARKE AT, DE VILLIERS JNP, POINTON JJ, SMITH L, FREEMAN T, WILLIAMS D, PRITCHARD C, WARNICH L, ROBSON KJH, KOTZE MJ. *Microarray analysis and microsatellite genotyping in South African patients with multiple sclerosis: identification of a significant association with the gene encoding monocyte chemotactic protein-3*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.
13. ZAAHL MG, MERRYWEATHER-CLARKE AT, VAN DER MERWE S, WARNICH L, KOTZE MJ, ROBSON KJH. *HFE, DCYTB, IREG1 and HAMP mutations in primary iron overload patients in the South African population*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.
14. ZAAHL MG, WINTER TA, WARNICH L, ROBSON KJH, KOTZE MJ. *Analysis of the SLC11A1 gene in South African patients with inflammatory bowel disease*. 10th Biennial Congress of the South African Society of Human Genetics. Durban, 2003.

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

1. RAMBURAN VP. *Genetic mapping of adult plant stripe rust resistance in the wheat cultivar 'Kariega'*. PhD (Agric), 2003. 132 pp. Promotor/medepromotors: Dr R Prins/dr JH Louw en prof L Warnich.

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

1. BOTES WC. *Die waarde van sekere wilde-spesie verhaalde gene in koring- en korogverbouing*. PhD (Agric) Promotor: Prof GF Marais.

2. BRINK D. *Genetic improvement of growth rate in rainbow trout*. PhD (Agric) Promotor: Dr JH Louw.
3. KIMBERG M. *Molecular analysis of the regulation of protoporphyrinogen oxidase (PPOX) gene expression*. PhD Promotor: Prof L Warnich.

### Magister afgehandel/Master's completed

1. CHRISTIANS GE. *Identification of molecular markers linked to woolly apple aphid (Eriosoma lanigerum) (Hausmann) in apple*. MSc 2003. 132 pp. Studieleier: Prof L Warnich.
2. GERBER J. *Cytochrome P450 polymorphisms: relevance in two South African disease populations*. MSc, 2003. 120 pp. Studieleier/medestudieleier: Prof L Warnich/dr MJ Kotze.
3. KOEGELEBERG AJ. *Molecular epidemiological study of variegate porphyria (VP) to determine the frequency of the founder gene mutation*. MSc, 2003. 94 pp. Studieleier: Prof L Warnich.
4. MAREE HJ. *The expression of Dianthin a ribosome inactivating protein*. MSc, 2003. 80 pp. Studieleier: Prof JT Burger.
5. ROBSON J. *The construction of an expression vector for the transformation of the grape chloroplast genome*. MSc, 2003. 70 pp. Studieleier: Prof JT Burger.
6. VORSTER G. *A quantitative analysis of the effect of crossbreeding on the growth of the Abalone, Haliotis midae*. MSc, 2003. 137 pp. Studieleier: Mnr D Brink.

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1. AGENBAG GM. *Molecular genetic analyses of familial breast cancer in South Africa*. MSc Studieleier/medestudieleier: Prof L Warnich/dr MJ Kotze.
2. DE BEER M. *Comparison of techniques for the induction of triploidy in the South African abalone, Haliotis midae: pressure vs chemical*. MSc Studieleier: Mnr D Brink.
3. DU PREEZ J. *The construction of an infectious clone of grapevine virus A*. MSc Studieleier: Prof JT Burger.
4. ENGELBRECHT M. *Screening the GL RaV-2 genome for a suppressor of PTGS in plants*. MSc Studieleier: Prof JT Burger.
5. FOURIE M. *Verkorting en molekulêre kartering van die Lr19-translokasie*. MSc Studieleier: Prof GF Marais.
6. HEYNS IC. *Genetiese kartering van chromosoom arm 7DL van Triticum aestivum*. MSc Studieleier: Prof GF Marais.
7. LOUBSER D. *Molekulêre merking van Thinopyrum distichum chromosome wat kodeer vir soutverdraagsaamheid*. MSc Studieleier: Prof GF Marais.
8. OCKERT C. *Identifikasie van molekulêre merkers vir die diagnostiese identifikasie van die intrasellulêre prokariot wat ge-assosieer word met "Whithering Syndrome" in perlemoen, Haliotis midae*. MSc Studieleiers: Dr E D'Amato en mnr D Brink.
9. ROBYN A. *Genetiese verenigbaarheid tussen taksonomies verwante spesies van die genus Leucadendron*. MScAgric Studieleier: Dr JH Louw.
10. ROSE BA. *Sequencing of the grapevine chloroplast genome*. MSc Studieleier: Prof JT Burger.
11. SLABBERT R. *Molecular analysis of genetic variation, relationships and patterns of gene flow within the population of Abalone (Haliotis midae) with microsatellites*. MSc Studieleiers: Dr E D'Amato en mnr D Brink.
12. VAN EEDEN C. *Post-transcriptional gene silencing: a powerful process for the induction of multiple virus resistance in grapevines*. MSc Prof JT Burger.
13. VAN ZYL B. *Molecular investigation of the genetic variation of populations of Abalone, Haliotis midae, at the Danger Point Abalone Hatchery*. MSc Studieleier: Mnr D Brink.
14. WHITEHEAD CB. *Molecular analysis of GJB2 (connexin 26) and GJB6 (connexin 30) mutations in non-syndromic hereditary deafness in South Africa*. MSc Studieleier/medestudieleier: Prof L Warnich/drr G de Jong en MJ Kotze.

<b>GRONDKUNDE / SOIL SCIENCE</b>
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**Tydskrifartikels/Journal articles**

1. BEUKES PC, ELLIS F. Soil and vegetation changes across a succulent Karoo grazing gradient. *African Journal of Range & Forage Science* 2003; **20**(1): 11-19.
2. DE CLERCQ WP. The application of soil electromagnetic induction techniques in aid of soil mapping. *Die Wynboer* 2003; **Julie 2003**: 81-83.
3. MILLS AJ, FEY MV. Declining soil quality in South Africa: effects of land use on soil organic matter and surface crusting. *South African Journal of Science* 2003; **99**: 429-436.
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2. MILLS AJ, O'CONNOR TG, SKOWNO A, BOSENBERG DW, DONALDSON J, LECHMERE-OERTEL R, FEY MV, SIGWELA A. *Farming for carbon credits: implications for land use decisions in South African rangelands*. International Rangelands Congress. Durban, 2003.

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1. AGENBACH G, SAAYMAN D, FEY MV. *Potassium supply and canopy management effects on quality of red wine from granite-derived soils near Paardeberg*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
2. BURGERS C, FEY MV. *Precipitates of Al and Fe from fly ash and coal mine drainage: analogues of soil sesquioxides with implications for environmental sanitation*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
3. DE CLERCQ WP. *Seasonal soil salinity dynamics in a vineyard subjected to saline irrigation water*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
4. DOWDING C, FEY MV, ELLIS F. *The stability of manganese oxides in acid soils*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
5. ENGELBRECHT HN, DE CLERCQ WP. *A soil irrigation suitability study for the lower Berg River catchment*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
6. FEY MV. *Organic matter and soil biology in conservation farming*. Cape Cereal Development Association Symposium. University of Stellenbosch, Stellenbosch, 2003.
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8. FEY MV, MANSON A, DOWDING C. *Soil chemistry in South Africa: a quarter century of progress, and prospects for the future*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.



9. FRANCIS M, FEY MV, ELLIS F. *Sepiolite-dominance of Aridisol clays in coastal Namaqualand*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
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1. CERUTI PO. *Trace elements and their agronomic and health implications in soils of Maputaland*. PhD (Agric) Promotor/medepromotor: Prof MV Fey/prof MC Laker (UP).
2. HERSELMAN E. *Heavy metal mobility in South African soils*. PhD (Agric) Promotor: Prof MV Fey.
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2. BRINK D. *Determining the effect of different cover crop practices on vineyard root distribution*. MScAgric Studieleier: Dr JE Hoffman.
3. DOWDING C. *Properties of manganese rich soils of Graskop, Mpumalanga*. MScAgric Studieleier: Prof MV Fey.
4. FRANCIS M. *Geochemical assessment of soils and groundwater in diamond mining areas of Namaqualand*. MScAgric Studieleier/medestudieleier: Prof MV Fey/dr F Ellis.
5. HARDIE A. *Chemical activation of soils with acids and bases for manipulation of contaminant mobility*. MScAgric Studieleier: Prof MV Fey.

6. HOWELL CL. *Improving the existing method for establishing the water holding capacity of soils on a routine basis*. MScAgric Studieleier: Dr JE Hoffman.
7. MONGWE HG. *Soil organic matter status of natural and plantation forests in the Northern Province*. MScAgric Studieleier/medestudieleier: Dr A Rozanov/prof MV Fey.
8. PRINSLOO HP. *Rehabilitation studies associated with mineral mining on the west coast*. MScAgric Studieleier: Prof MV Fey.

## HORTOLOGIE / HORTICULTURAL SCIENCE

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2. BARRY GH, CASTLE WS, DAVIES FS, LITTELL RC. Variability in juice quality of 'Valencia' sweet orange and sample size estimation for juice quality experiments. *Journal of the American Society for Horticultural Science* 2003; **128**(6): 803-808.
3. CRONJE PJR, JACOBS G, SADIE A, COOK NC. Quantification of the dormancy progression in terminal apple buds. Changes in growth and water status. *Advances in Horticultural Science* 2003; **17**(2): 105-110.
4. JACOBS JN, COOK NC. The effect of rootstock cultivar on the yield and fruit quality of 'Packham's Triumph', 'Doyenne du Comice', 'Forelle', 'Flamingo' and 'Rosemarie' pears. *South African Journal of Plant and Soil* 2003; **20**(1): 25-30.
5. KRUGER L, COOK NC, HOLCROFT DM. Quality of Japanese plums as influenced by time of harvest and rate of ethylene production. *Acta Horticulturae* 2003; **600**: 453-456.
6. LÖTZE E, THERON KI. Bitterpit by Golden Delicious appels: 'n opname onder sagtevrugte produsente in die Wes-Kaap. *SA Vrugte Joernaal* 2003; **2**(3): 15-18.
7. LÖTZE GFA. Nuwe uitdun norme vir inmaakperskes om inkomste te optimaliseer. *Die Krat* 2003; **158**: 5-7.
8. MARTIN EM, CROUCH IJ, HOLCROFT DM. Ripening and mealiness of 'Forelle' pears. *Acta Horticulturae* 2003; **600**: 449-452.
9. MORTIMER P, SWART JC, VALENTINE AJ, JACOBS G, CRAMER MD. Does irrigation influence the growth, yield and water use efficiency of the protea hybrid "Sylvia" (*Protea susannae* x *Protea eximia*)? *South African Journal of Botany/Suid-Afrikaanse Tydskrif vir Plantkunde* 2003; **69**: 135-143.
10. PRETORIUS JJB, WAND SJE. Late-season stomatal sensitivity to microclimate is influenced by sink strength and soil moisture stress in 'Braestar' apple trees in South Africa. *Scientia Horticulturae* 2003; **98**: 157-171.
11. RABE E. The new South African persimmon industry: rationale and proposed systems. *Acta Horticulturae* 2003; **601**: 159-162.
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13. STEPHENS IA, HOLCROFT DM, JACOBS G. Postharvest treatments to extend vase life of selected Proteaceae cut flowers. *Acta Horticulturae* 2003; **602**(1): 155-159.
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15. YESHITELA T, ROBBERTSE PJ, STASSEN PJC, GRIMBEEK J, VAN DER LINDE M. Effects of fruit thinning severity on yield and quality in 'Sensation' mango. *Journal of Fruit Science* 2003; **20**(3): 190-194.

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1. DU PLESSIS SF, JACOBS G, HUYSAMER M. *The use of perforated liners in Thompson Seedless and Red Globe table grape packaging*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 101.
2. HOFFMAN EW, JACOBS G, CRAMER MD. *Flower initiation in Protea*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 167.
3. KARSEN P, JACOBS G. *Rooting of Agathosma betulina and A. crenulata (Buchu)*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 73.
4. KRITZINGER RM, THERON KI. *Evaluation of ammonium thiosulphate as chemical thinning agent for apples*. KPV Symposium. Stellenbosch, 2003: CD-ROM.
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6. LÖTZE E, BERGH O. *Early prediction of fruit size distribution of apples at harvest*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 135.
7. LÖTZE E, BERGH O. *Vroeë voorspelling van rypwording en opbergingskwaliteit van kernvrugte*. KPV Symposium. Stellenbosch, 2003: CD-ROM.
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10. MEINTJES JJ, STASSEN PJC, THERON KI. *Effect of surfactant in combination with prohexadione-calcium on shoot growth in apple trees*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 144.
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12. MURRAY X, WAND SJE, HOLCROFT DM, COOK NC. *Effects of light on pre- and post-harvest fruit quality of apples, pears and plums*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 164.
13. PRETORIUS JJB, WAND SJE, THERON KI. *Differential allocation responses to girdling, prohexadione-Ca and thinning in Royal Gala, Cripps' Pink and Fuji apples*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 132.
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15. REYNOLDS LP, JACOBS G, THERON KI. *Reproductive bud development in pear*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 161.
16. SAGREDO KX, COOK NC, THERON KI. *Interaction between rest-breaking treatments and chemical thinning response of 'Golden Delicious' and 'Royal Gala' apple trees*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 138.
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18. SCHMEISSER M, HOLCROFT DM, JACOBS G. *Colour development in Leucodendron cv Silvan Red*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 99.

19. STEYN WJ, HOLCROFT DM, WAND SJE, JACOBS G. *Developmental changes in enzymes of flavonoid biosynthesis and temperature-reliance of red colour in pears*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 207.
20. STEYN WJ, WAND SJE, HOLCROFT DM, JACOBS G. *Evidence of increased resistance to photoinhibition with increasing redness of pear peel*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 97.
21. THERON KI. *Horticulture and the need for pollination*. Cape Pomological Association. Stellenbosch, 2003: CD-ROM.
22. VAN WYK DA, JACOBS G, HUYSAMER M. *Extended storage of Red Globe, Crimson Seedless, Barlinka and La Rochelle table grapes*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003: 65.

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3. THERON KI. *Bitterpit: symptoms, reasons and solutions*. 2nd Workshop on Non-Invasive Techniques to Determine Fruit Quality. Diepenbeeck, Belgium, 2003.

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3. COOK NC, DAVEY M, DE WIT I, KEULEMANS J. *An introduction to the Better3fruit Apple Breeding Programme*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
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11. HUYSAMER M. *Handling practices related to fruit quality in stone fruit*. PPECB Pre-Season Workshop. Franschhoek, 2003.
12. HUYSAMER M. *Implementation of Dosigas SO<sub>2</sub> fumigation of table grapes*. Proquivi Report. Cape Town, 2003.
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19. HUYSAMER M. *Postharvest technology of deciduous fruit*. Elgin Community College Winter School. Elgin, 2003.
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22. HUYSAMER M. *Selecting the optimal combination of inner packaging for table grapes*. The Grape Company. Paarl, 2003.
23. HUYSAMER M. *Table grape postharvest handling and packaging – what are the options?* Le Roux Group. Paarl, 2003.
24. HUYSAMER M. *Woolliness in peaches and nectarines: symptoms, causes and control*. ARC Stone Fruit Information Day. Stellenbosch, 2003.
25. HUYSAMER M, MARÉ L, NELSON R. *The effect of temperature, humidity and ethylene scrubbing on fruit quality in Hass and Fuerte avocados*. SAAGA Research Symposium. Magoebaskloof, 2003.
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32. MARAIS SJS, WAND SJE. *Effect of Surround<sup>TM</sup> on sunburn in apple fruit*. Engelhard Information Meeting on Surround<sup>TM</sup>. Grabouw, 2003.
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47. STEYN WJ. *Groei en ontwikkeling. Die rol van plant hormone*. Fieldmen's Association. Grabouw, 2003.
48. STEYN WJ. *Is rooi net vir die mooi?* Stellenbosch VLV. Stellenbosch, 2003.
49. STEYN WJ, HOLCROFT DM, WAND SJE, JACOBS G. *Developmental changes in enzymes of flavonoid biosynthesis and temperature-reliance of red colour in pears*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
50. STEYN WJ, WAND SJE, HOLCROFT DM, JACOBS G. *Evidence of increased resistance to photoinhibition with increasing redness of pear peel*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
51. THERON KI. *Horticulture and the need for pollination*. Cape Pomological Association. Stellenbosch, 2003.
52. THERON KI. *Interaction between chemical rest-breaking and thinning strategies*. UAP/ Valent BioSciences Thinning Meeting. Elgin, 2003.
53. VALENTYN A, HUYSAMER M. *The use of Dosigas to control decay in table grapes*. Table Grape Discussion Group. Stellenbosch, 2003.
54. VAN WYK DA, JACOBS G, HUYSAMER M. *Extended storage of Red Globe, Crimson Seedless, Barlinka and La Rochelle table grapes*. Golden Jubilee Congress of the Soil Science Society of South Africa. University of Stellenbosch, Stellenbosch, 2003.
55. VAN WYK DA, JACOBS G, HUYSAMER M. *Long-term storage of selected table grape cultivars*. Table Grape Discussion Group. Stellenbosch, 2003.
56. WAND SJE, MIDGLEY GF. *Recent temperature and rainfall trends in the south-western Cape: Implications for the fruit industry*. Global Change and Regional Sustainability in South Africa National Symposium. Kirstenbosch, Cape Town, 2003.

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1. STEPHENS IA. *Leaf blackening of proteas*. PhD (Agric), 2003. 155 pp. Promotor: Prof G Jacobs.

2. STEYN WJ. *Red colour development and loss in pear fruit*. PhD (Agric), 2003. 175 pp. Promotor/medepromotor: Prof G Jacobs/dr DM Holcroft en dr SJE Wand.

### Doktoraal lopend/Doctoral current

1. CROUCH EM. *Cell wall physiology and ripening related disorders in 'Forelle' pears*. PhD (Agric) Promotor: Dr M Huysamer.
2. HOFFMAN EW. *Flower induction and initiation of proteas*. PhD (Agric) Promotor: Prof G Jacobs.
3. LÖTZE E. *Bitterpit potential of apples*. PhD (Agric) Promotor: Prof KI Theron.
4. PRETORIUS JJB. *Environmental and endogenous influences on carbohydrate assimilation and allocation of apple trees*. PhD (Agric) Promotor: Dr SJE Midgley.
5. SAGREDO KX. *Effect of rest-breaking and fruit thinning treatments on reproductive development in apples*. PhD (Agric) Promotor: Prof KI Theron.

### Magister afgehandel/Master's completed

1. DU PLESSIS SF. *Effects of packaging and postharvest cooling on quality of table grapes (Vitis vinifera L.)*. MScAgric, 2003. 182 pp. Studieleier: Dr M Huysamer.
2. KARSEN P. *Rooting of buchu cuttings (Genus: Agathosma)*. MScAgric, 2003. 64 pp. Studieleier: Prof G Jacobs.
3. MEYER C. *Carbohydrates and leaf blackening of Protea cut flowers*. MScAgric, 2003. 105 pp. Studieleier: Prof G Jacobs.
4. MURRAY X. *Physiological studies of the influence of light on harvest and post-harvest quality of deciduous fruit*. MScAgric, 2003. 182 pp. Studieleier/medestudieleiers: Dr SJE Wand/dr NC Cook en dr DM Holcroft.
5. SCHMEISSER M. *Anthocyanins in selected Proteaceae*. MScAgric, 2003. 78 pp. Studieleier/medestudieleier: Prof G Jacobs/dr DM Holcroft.

### Magister lopend/Master's current

1. BURGER GE. *Studies on moisture loss in pear fruit*. MScAgric Studieleier: Dr M Huysamer.
2. FERREIRA AW. *Post-harvest aspects of fynbos products*. MScAgric Studieleier: Prof G Jacobs.
3. FRASER A. *Manipulation of the taste of "Regal Seedless" table grapes*. MScAgric Studieleier: Dr M Huysamer.
4. KRIGE GT. *The influence of water and nutrient management strategies on fruit quality, shoot growth, root development and certain physiological aspects of fruit crops*. MScAgric Studieleier: Prof PJ Stassen.
5. KRITZINGER RM. *Evaluation of ammonium thiosulphate as chemical thinning agent for apples*. MScAgric Studieleier: Prof KI Theron.
6. MARAIS SJS. *Sunburn control in apple fruit*. MScAgric Studieleier: Dr SJE Wand.
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. MEINTJES JJ. *Advanced evaluation of prohexadione-Ca as growth regulator on deciduous fruit trees*. MScAgric Studieleier: Prof KI Theron.
10. NIEUWOUDT G. *Flower initiation and development of protea cv. Pink Ice*. MScAgric Studieleier: Prof G Jacobs.
11. PIETERSE WM. *A study of dormancy development and release in different peach clones*. MScAgric Studieleier/medestudieleier: Prof KI Theron/dr NC Cook.
12. PRINSLOO JA. *Ecophysiological responses of citrus trees and sugar accumulation as related to altered plant water relations*. MScAgric Studieleier: Dr GH Barry.
13. REYNOLDS LP. *Factors affecting reproductive development in pear trees*. MScAgric Studieleier: Prof KI Theron.

14. TONKIN S. *Postharvest aspects of fynbos products*. MScAgric Studieleier: Prof G Jacobs.
15. TWALINGCA NA. *Physiological responses of citrus trees as related to altered plant water relations*. MScAgric Studieleier: Dr GH Barry.
16. VALENTYN A. *Alternative decay control strategies for table grapes*. MScAgric Studieleier: Dr M Huysamer.
17. VAN DER MERWE HE. *Factors affecting rind oil content in lemons*. MScAgric Studieleier: Dr GH Barry.
18. VAN HOORN AT. *Optimisation of blueberry postharvest handling and storage*. MScAgric Studieleier: Dr M Huysamer.
19. VAN WYK AA. *Postharvest storage temperature and rind colour development in citrus*. MScAgric Studieleier: Dr GH Barry.
20. VAN WYK DA. *Quantification of storage potential of selected table grape cultivars*. MScAgric Studieleier: Dr M Huysamer.

## HOUTKUNDE / WOOD SCIENCE

### Doktoraal lopend/Doctoral current

1. SCHEEPERS GC. *The investigation and control of stain of SA pine during drying*. PhD Promotor: Prof T Rypstra.
2. TYHODA L. *Synthesis and characterisation of N-modified autohydrolysis lignin and lignosulphonate, and evaluation of their performance in field trial applications*. PhD Promotor/medepromotor: Prof T Rypstra/prof GFR Gerischer.

### Magister lopend/Master's current

1. DYANTYI SD. *Fungal pre-treatment of woodchips (unextracted and extracted) using Eucalyptus grandis and Pinus patula species*. MScBosb Studieleier/medestudieleier: Prof GFR Gerischer/dr A Botha.
2. MATYUMZA NC. *Improved retention by coflocculation of fines and filler particles*. MScBosb Studieleier: Prof GFR Gerischer.
3. MJI N. *Aqueous extraction of wood chips prior to co-culture fungal pre-treatment for alkaline biopulping*. MSc Houtkunde Studieleier: Prof GFR Gerischer.
4. MOSTERT F. *The reduction in water absorption of sludge/cement composites with various additives*. MSc Houtkunde Studieleier: Prof GFR Gerischer.
5. MULLER R. *Design and operation of a wood solar kiln: the influence of external and internal atmospheric conditions*. MScBosb Studieleier: Dr DE Steinmann.
6. NKWENTSHA S. *Improving the strength of fluting paper using lignins*. MScBosb Studieleier: Prof GFR Gerischer.
7. PEROLD M. *Nuwe metodes om verkleuring van P. elliotii en P. radiata te beheer en die effek daarvan op oppervlakeienskappe*. MScBosb Studieleier: Prof T Rypstra.
8. VENA PF. *Thermomechanical, chemo-thermomechanical and biopulping of Pinus patula and highveld bugweed species*. MScBosb Studieleier: Prof GFR Gerischer.

## LANDBOU-EKONOMIE / AGRICULTURAL ECONOMICS

### Tydskrifartikels/Journal articles

1. DE LANGE W, VINK N. Opportunistic behavior by private irrigation within a capacity-sharing regime. *Agrekon* 2003; **42**(4): 366-378.



2. LIN L, PIESSE J. Financial risk assessment in takeovers: the effect on bidder shareholders' wealth. *International Journal of Risk Assessment Management* 2003; **4**(4): 332-347.
3. LIN L, PIESSE J. The identification of corporate distress in UK industrials: a conditional probability analysis approach. *Applied Financial Economics* 2003; **35**: 1-10.
4. MAHLANZA B, MENDES E, VINK N. Comparative advantage of organic wheat production in the Western Cape. *Agrekon* 2003; **42**(2): 144-162.
5. PIESSE J, HADLEY D, SHANKAR B, THIRTLE C. The efficiency of input use during the early transition in Hungary. *The Economics of Planning: Economic Policy of Transitional Economics* 2003; **35**(2): 183-204.
6. PIESSE J, KHATRI Y, LERUTH L. The Malaysian corporate sector: performance and the role of governance. *Ekonomika* 2003; **15**(2): 6-7.
7. SHANKAR B, PIESSE J, THIRTLE C. Energy substitutability in transition agriculture: estimates and implications for Hungary. *Agricultural Economics* 2003; **29**: 181-193.
8. SIMISTER J, PIESSE J. Bargaining and household dynamics: the impact of education and financial control on nutrition outcomes in South Africa. *South African Journal of Economics* 2003; **71**(1): 163-180.
9. THIRTLE C, PIESSE J, LIN L. The impact of research-led agricultural productivity growth on poverty reduction in Africa, Asia and Latin America. *World Development* 2003; **31**(12): 1959-1975.
10. THIRTLE C, PIESSE J, LUSIGI A, SUHARIYANTO K. Multi-factor agricultural productivity, efficiency and convergence in Botswana, 1981-96. *Journal of Development Economics* 2003; **71**(2): 605-624.
11. VILJOEN HC, LAUBSCHER J, MARINCOWITZ GJO. A communication strategy for small farmer development. *South African Journal of Agricultural Extension* 2002; **31**: 12-29.
12. VINK N, KIRSTEN JF. Policy successes and policy failures in agriculture and land reform in South Africa: The 1990s. *South African Journal of Economic History* 2003; **18**(1&2): 96-158.
13. VINK N, TREGURTHA N. A theoretical perspective on a minimum wage in South African Agriculture. *Agrekon* 2003; **42**(1): 49-59.

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

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

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

1. KARAAN ASM. *An institutional economic perspective of worker equity schemes in South African agriculture: the incomplete contracts approach to the separation of ownership and control*. AEASA Conference 2003. CSIR, Pretoria, 2003.
2. KARAAN ASM. *Empowerment initiatives in the SA wine industry*. SAWIT BEE Conference. Cape Town, 2003.
3. NIEMEYER KB, LOMBARD JP. *Identifying problems and potential of the conversion to organic farming in South Africa*. AEASA Conference 2003. CSIR, Pretoria, 2003.
4. TREGURTHA N, VINK N. *B2B E-commerce and the South African horticultural export industry*. Economic Society Conference. Somerset West, 2003.
5. VINK N. *The influence of policy on the roles of agriculture in South Africa*. Annual Tips Conference. Johannesburg, 2003.

6. VINK N, KIRSTEN JF. *The political economy of food price inflation in South Africa*. 44th Annual Congress of the Fertilizer Society of South Africa. Cape Town, 2003.
7. VINK N, TREGURTHA N. *Policy and regulatory constraints to emerging entrepreneurs in South African agriculture*. Economic Society Conference. Somerset West, 2003.

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

1. SRINIVASAN CS, SHANKAR B, THIRTLE C. Plant variety protection, variety transfer and foreign participation in plant breeding: some empirical evidence. In: *The Developing Countries and the WTO*. Palgrave, 2003: 34.
2. VINK N, D'HAESE M. The development debate and agriculture. In: D'Haese M, Vink N, Van Huylenbroeck G, Bostyn F, Kirsten J, (eds). *Local Institutional Innovation and Pro-Poor Agricultural Growth: The Case of Small-Woolgrowers' Association in South Africa*. Garant Publishers, Antwerpen-Apeldoorn, Netherlands, 2003: 21.
3. VINK N, KIRSTEN JF. Agriculture in the national economy. In: Nieuwoudt L, Groenewald J, (eds). *Challenge of Change: Agriculture, Land and the South African Economy*. University of Natal Press, Pietermaritzburg, South Africa, 2003: 18.
4. VINK N, SCHIRMER S. South African agriculture in the period 1970-2000. In: Jones S, (ed.). *The Decline of the South African Economy*. Edward Elgar, London, UK, 2002: 51-67.
5. VINK N, TREGURTHA N. Poverty and development. In: Nnadozie E, (ed.). *African Economic Development*. Academic Press, San Diego, USA, 2003: 25.

### **Navorsingsverslae/Research reports**

1. KLEYNHANS TE, KUNNEKE A, JACOBS CG. *Combination of satellite remote sensing and transport modelling as decision support tools to determine the financial-economic viability of exploitation of invader plant biomass as a carbon source for industrial application*. Dept of Agricultural Economics, Stellenbosch University, 2003.
2. LAUBSCHER J. *Breede rivier basin study: financial viability of irrigation farming*. Dept of Agricultural Economics, Stellenbosch University, 2003. 120 pp.
3. VINK N. *Macro-economic and sector policy changes in South African agriculture, 1996-2002*. Dept of Agricultural Economics, Stellenbosch University, 2003. 77 pp.
4. VINK N, KIRSTEN JF. *Country synthesis report: South Africa*. Dept of Agricultural Economics, Stellenbosch University, 2003. 29 pp.
5. VINK N, TREGURTHA N. *Domestic agricultural support in SADC: the impact on regional trade and the consequences for development*. Dept of Agricultural Economics, Stellenbosch University, 2003. 73 pp.

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

1. GREWLICH J. *International trade in wine and geographic indications – common interests between the EU and South Africa*. MAgriAdmin, 2004. 120 pp. Studieleier: Prof N Vink.
2. KOOY ZW. *'n Ekonomiese perspektief op bemagtiging – 'n herdefiniëring van welvaartskeppende institusies*. MComm, 2004. Studieleier: Mnr ASM Karaan.

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

1. ATLHOPHENG M. *The comparative advantage of agricultural production in Botswana*. MAgriAdmin Studieleier: Prof N Vink.
2. BONGCO NP. *Budget and expenditure review of the Eastern Cape Department of Agriculture*. MPhil Studieleier: Prof N Vink.
3. COLYN N. *An application of new generation cooperative theory to the Breede River wine cooperatives*. MAgriAdmin Studieleier: Mnr ASM Karaan.
4. DAYA Y. *Intellectual property rights and the protection of traditional knowledge*. MScAgric Studieleier: Prof N Vink.
5. DIZA SJ. *Contract design for small growers in the mussel industry*. MScAgric Studieleier: Mnr ASM Karaan.

6. FUNDIRA T. *Analysis of the SA fruit supply chain*. MAgriAdmin Studieleier: Mnr ASM Karaan.
7. GERBER WH. *The competitiveness of the South African abalone industry*. MScAgric Studieleier: Mnr ASM Karaan.
8. MAPHUTHA J. *An analysis of land redistribution in the Boland region of the Western Cape*. MAgriAdmin Studieleier: Prof N Vink.
9. MOSOMA KPW. *International comparison of agricultural exports: South Africa and the Cairns Group*. MScAgric Studieleier: Prof N Vink.
10. NDLOZI CV. *Evaluation of the performance of farmworker participation schemes in the Western Cape*. MAgriAdmin Studieleier: Dr J Lombard.
11. RALEHOKO EN. *Evaluation of equity-sharing schemes in selected areas of the Western Cape*. MAgriAdmin Studieleier: Dr J Lombard.

## PLANTPATOLOGIE / PLANT PATHOLOGY

### Tydskrifartikels/Journal articles

1. BOTHA A, DENMAN S, LAMPRECHT SC, MAZZOLA M, CROUS PW. Characterisation and pathogenicity of *Rhizoctonia* isolates associated with black root rot of strawberries in the Western Cape Province, South Africa. *Australasian Plant Pathology* 2003; **32**: 195-201.
2. CAMPBELL GF, CROUS PW. Genetic stability of net x spot hybrid progeny of the barley pathogen *Pyrenophora teres*. *Australasian Plant Pathology* 2003; **32**: 283-287.
3. CROUS PW. Adhering to good cultural practice (GCP). *Mycological Research News* 2003: 1378-1379.
4. CROUS PW, GROENEWALD JZ, CARROLL G. *Muribasidiospora indica* causing a prominent leaf spot disease on *Rhus lancea* in South Africa. *Australasian Plant Pathology* 2003; **32**: 313-316.
5. DENMAN S, CROUS PW, GROENEWALD JZ, SLIPPERS B, WINGFIELD BD, WINGFIELD MJ. Circumscription of *Botryosphaeria* species associated with Proteaceae based on morphology and DNA sequence data. *Mycologia* 2003; **95**(2): 294-307.
6. FOURIE PH, HOLZ G. Fitness on grape berries of *Botrytis cinerea* isolates belonging to different dicarboximide sensitivity classes. *South African Journal for Enology and Viticulture* 2003; **24**(1): 1-10.
7. FOURIE PH, HOLZ G. Germination of dry, airborne conidia of *Monilinia laxa* and disease expression on nectarine fruit. *Australasian Plant Pathology* 2003; **32**: 9-18.
8. FOURIE PH, HOLZ G. Germination of dry, airborne conidia of *Monilinia laxa* and disease expression on plum fruit. *Australasian Plant Pathology* 2003; **32**: 19-25.
9. HALLEEN F, CROUS PW, PETRINI O. Fungi associated with healthy grapevine cuttings in nurseries, with special reference to pathogens involved in the decline of young vines. *Australasian Plant Pathology* 2003; **32**: 47-52.
10. HOLZ G, GÜTSCHOW M, COERTZE S, CALITZ FJ. Occurrence of *Botrytis cinerea* and subsequent disease expression at different positions on leaves and bunches of grape. *Plant Disease* 2003; **87**: 351-358.
11. KOIKE ST, TJOSVOLD SA, GROENEWALD JZ, CROUS PW. First report of a leaf spot disease of Bells-of-Ireland (*Molucella laevis*) caused by *Cercospora apii* in California. *Plant Disease* 2003; **87**: 203.
12. LEE S, CROUS PW. New coelomycetes occurring on Restionaceae. *Sydowia – An International Journal of Mycology* 2003; **55**(1): 115-128.
13. LEE S, CROUS PW. New species of *Anthostomella* on fynbos, with a key to the genus in South Africa. *Mycological Research* 2003; **107**(3): 360-370.
14. LEE S, CROUS PW. A new species of *Helicogermisli* from South Africa. *Sydowia – An International Journal of Mycology* 2003; **55**(1): 109-114.

15. LEE S, CROUS PW. Taxonomy and biodiversity of hysteriaceous ascomycetes in fynbos. *South African Journal of Botany/Suid-Afrikaanse Tydskrif vir Plantkunde* 2003; **69**(4): 480-488.
16. LEE S, GROENEWALD JZ, TAYLOR JE, ROETS F, CROUS PW. Rhynchostomatoid fungi on Proteaceae. *Mycologia* 2003; **95**: 902-910.
17. LEE S, HONG S-B, KIM C-Y. Contribution to the checklist of soil-inhabiting fungi in Korea. *Mycobiology* 2003; **31**: 9-18.
18. LUBBE CM, DENMAN S, LAMPRECHT SC. Fusarium wilt of *Agathosma betulina* newly reported in South Africa. *Australasian Plant Pathology* 2003; **32**: 123-124.
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1. COERTZE S, HOLZ G. *Wound infection on grape by dry, airborne Botrytis cinerea conidia*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.
2. FOURIE PH. *Metalaxyl resistance of downy mildew, Plasmopara viticola, in South African vineyards*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.
3. FOURIE PH, HALLEEN F. *Proactive control measures for Petri disease in grapevine nurseries*. 3rd International Workshop on Grapevine Trunk Diseases. Lincoln University, Christ Church, New Zealand, 2003.
4. HALLEEN F, CROUS PW, GROENEWALD JZ. *ITS and  $\beta$ -tubulin phylogeny of Cylindrocarpus species associated with black foot disease of grapevine*. 3rd International Workshop on Grapevine Trunk Diseases. Lincoln University, Christ Church, New Zealand, 2003.
5. LEE S, CROUS PW. *Biodiversity of saprobic microfungi in Fynbos of the Cape Floral Kingdom of South Africa*. Mycological Society of America. Monterey, California, USA, 2003.
6. LEE S, CROUS PW. *Diversity of saprobic microfungi in Fynbos*. Centraalbureau voor Schimmelcultures. Utrecht, Netherlands, 2003.
7. LUBBE CM, DENMAN S, CROUS PW, GROENEWALD JZ. *Colletotrichum on Proteaceae: disease complex or complex disease*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.
8. LUBBE CM, DENMAN S, LAMPRECHT SC. *First report of Fusarium wilt of Agathosma betulina (buchu) in South Africa*. Ninth International Fusarium Workshop. Sydney, Australia, 2003.
9. MOSTERT L, CROUS PW, GROENEWALD JZ, GAMS W, SUMMERBELL R. *Multiple gene genealogies delineate several additional species of Phaeoacremonium*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.
10. SAFODIEN S, HALLEEN F, CROUS PW, BOTHA A, GROENEWALD JZ, SMIT WA, SMIT L. *The characterisation of Eutypa isolates associated with Eutypa dieback of grapevines in South Africa*. 3rd International Workshop on Grapevine Trunk Diseases. Lincoln University, Christ Church, New Zealand, 2003.
11. SWART L. *Fusarium wilt – host distribution and specificity*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.

12. VAN NIEKERK JM, CROUS PW, FOURIE PH, GROENEWALD JZ, HALLEEN F. *Botryosphaeria canker and dieback of grapevines*. 8th International Congress of Plant Pathology. Christ Church, New Zealand, 2003.

### Referate nasionaal/Papers national

1. FOURIE PH. *Survey for metalaxyl resistance in Plasmopara viticola populations in Western Cape vineyards*. 41st Meeting of the Southern African Society for Plant Pathology. Bloemfontein, 2003.
2. FOURIE PH, HALLEEN F. *Nursery strategies for the proactive management of decline and dieback: research progress*. 27th Congress of the South African Society for Enology and Viticulture. Somerset West, 2003.
3. FOURIE PH, VERMEULEN A. *Fungicide resistance in downy mildew populations in Western Cape vineyards*. 27th Congress of the South African Society for Enology and Viticulture. Somerset West, 2003.
4. HALLEEN F, FOURIE PH. *Fungi associated with grapevine pruning wound infections and control thereof*. 27th Congress of the South African Society for Enology and Viticulture. Somerset West, 2003.
5. SAFODIEN S, HALLEEN F, CROUS PW, BOTHA A, GROENEWALD JZ, SMIT WA, SMIT L. *The characterisation of Eutypa isolates associated with Eutypa dieback of grapevines in South Africa*. 41st Congress of the Southern African Society for Plant Pathology. Bloemfontein, 2003.
6. VAN COLLER GJ, DENMAN S, CROUS PW, FOURIE PH. *The effect of downy mildew chemicals on Phytophthora cinnamomi infection of nursery grapevines*. 41st Meeting of the Southern African Society for Plant Pathology. Bloemfontein, 2003.
7. VAN COLLER GJ, DENMAN S, CROUS PW, LAMPRECHT SC. *New perspective on soilborne diseases of grapevine nurseries*. 27th Annual Congress of the South African Society for Enology and Viticulture. Somerset West, 2003.
8. VAN NIEKERK JM, CROUS PW, FOURIE PH, GROENEWALD JZ, HALLEEN F. *Characterisation and identification of Botryosphaeria species occurring on grapevines*. 41st meeting of the Southern African Society for Plant Pathology. Bloemfontein, 2003.
9. VAN NIEKERK JM, CROUS PW, GROENEWALD JZ, FOURIE PH, HALLEEN F. *Reassessment of Phomopsis species occurring on grapevines*. 27th Congress of the South African Society for Enology and Viticulture. Somerset West, 2003.
10. VAN SCHOOR JA, HOLZ G. *The ecology of Botrytis cinerea in Western Cape vineyards*. 41st Meeting of the Southern African Society for Plant Pathology. Bloemfontein, 2003.

### Doktoraal Iopend/Doctoral current

1. HALLEEN F. *Characterization of Cylindrocarpus spp. associated with black foot rot disease of grapevine*. PhD (Agric) Promotor: Prof PW Crous.
2. 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 Iopend/Master's current

1. BRINK JC. *Modelling of fungicide application to grape bunches for Botrytis cinerea control*. MScAgric Studieleier/medestudieleier: Dr PH Fourie/prof G Holz.
2. CARSTENS E. *Implications of quarantine rules and regulations to selected agricultural industries in the Western Cape*. MScAgric Studieleier: Prof PW Crous.
3. LUBBE CM. *Colletotrichum diseases of Proteaceae*. MScAgric Studieleier: Me S Denman.
4. PRETORIUS MC. *Epidemiology and control of Phaeoramularia angolensis leaf and fruit spot of citrus*. MScAgric Studieleier: Prof G Holz.
5. RETIEF E. *Molecular detection of Petri disease fungi in grapevine*. MScAgric Studieleier: Dr PH Fourie.
6. SPIES C. *The inoculum ecology of Botrytis cinerea in rooibos nurseries*. MScAgric Studieleier/medestudieleier: Prof G Holz/dr SC Lamprecht.

7. TEWOLDEMEDHIN YT. *Characterisation of Rhizoctonia species occurring on crops in different cropping systems*. MScAgric Studieleier/medestudieleier: Dr SC Lamprecht/dr A McLeod.
8. VAN COLLER GJ. *An investigation of soilborne fungi associated with roots of nursery grapevines*. MScAgric Studieleier/medestudieleier: Me S Denman/prof PW Crous.
9. VAN NIEKERK JM. *Characterization of pathogens associated with stem diseases of grapevines in nurseries*. MScAgric Studieleier/medestudieleier: Prof PW Crous/me S Denman.
10. VAN SCHOOR JA. *The ecology of Botrytis cinerea on grapevine in the Western Cape*. MScAgric Studieleier: Prof G Holz.

## VEEKUNDIGE WETENSKAPPE / ANIMAL SCIENCES

### Tydskrifartikels/Journal articles

1. BRAND TS, CRUYWAGEN CW, BRANDT DA, VILJOEN M, BURGER WJ. Variation in the chemical composition, physical characteristics and energy values of cereal grains produced in the Western Cape area of South Africa. *South African Journal of Animal Science* 2003; **33**: 117-126.
2. CLOETE SWP, CLOETE JJE, DURANT A, HOFFMAN LC. Production of five Merino type lines in a terminal crossbreeding system with Dormer or Suffolk sires. *South African Journal of Animal Science* 2003; **33**: 223-232.
3. CLOETE SWP, OLIVIER JJ, VAN WYK JB, ERASMUS GJ, SCHOEMAN SJ. Genetic parameters and trends for birth weight, birth coat score and weaning weight in Merino lines divergently selected for ewe multiple rearing ability. *South African Journal of Animal Science* 2003; **33**(4): 248-256.
4. CRUYWAGEN CW, LATEGAN E, HOFFMAN LC. The effect of rumen inert fat supplementation and protein degradability in starter and finishing diets on veal calf performance. *South African Journal of Animal Science* 2003; **33**: 257-265.
5. DEMEKE S, NESER FWC, SCHOEMAN SJ. Early growth performance of *Bos Taurus* x *Bos indicus* cattle in crosses in Ethiopia: Estimation of individual crossbreeding effects. *Zeitschrift für Tierzucht und Zuchtungsbiologie - Journal of Animal Breeding and Genetics* 2003; **120**: 245-257.
6. DEMEKE S, NESER FWC, SCHOEMAN SJ. Early growth performance of *Bos Taurus* x *Bos indicus* cattle crosses in Ethiopia: Evaluation of different crossbreeding models. *Zeitschrift für Tierzucht und Zuchtungsbiologie - Journal of Animal Breeding and Genetics* 2003; **120**: 39-50.
7. DEMEKE S, NESER FWC, SCHOEMAN SJ. Variance components and genetic parameters for early growth traits in a mixed population of purebred *Bos indicus* and crossbred cattle. *Livestock Production Science* 2003; **84**: 11-21.
8. DICKS LMT, MELLETT FD, HOFFMAN LC. Use of bacteriocin-producing starter cultures of *Lactobacillus plantarum* and *Lactobacillus curvatus* in production of ostrich meat salami. *Meat Science* 2003; **66**: 703-708.
9. HOFFMAN LC, CRAFFORD K, MULLER M, SCHUTTE DeW. Perceptions and consumption of game meat by a group of tourists visiting South Africa. *South African Journal of Wildlife Research* 2003; **33**: 125-130.
10. HOFFMAN LC, MELLETT FD. Quality characteristics of low fat ostrich meat patties formulated with either pork lard or modified corn starch, soya isolate and water. *Meat Science* 2003; **65**: 869-875.
11. HOFFMAN LC, MULLER M, CLOETE SWP, SCHMIDT D. Comparison of six crossbred lamb types: sensory physical and nutritional meat quality characteristics. *Meat Science* 2003; **65**: 1265-1274.

12. HOFFMAN LC, SCHMIDT D, MULLER M, CLOETE JJE, CLOETE SWP. Sensory and objective mutton quality characteristics of SA Merino sheep selected for and against reproductive fitness. *South African Journal of Animal Science* 2003; **33**: 52-64.
13. HOFFMAN LC, STYGER E, MULLER M, BRAND TS. The growth and carcass and meat characteristics of pigs raised in a free-range or conventional housing system. *South African Journal of Animal Science* 2003; **33**: 166-175.
14. KRITZINGER B, HOFFMAN LC, FERREIRA AV. A comparison between the effects of two cropping methods on the meat quality of impala (*Aepyceros melampus*). *South African Journal of Animal Science* 2003; **33**: 233-241.
15. MEESKE R, VAN DER MERWE GD, GREYLING JF, CRUYWAGEN CW. The effect of the addition of a lactic acid bacterial inoculant to maize at ensiling on silage composition, silage intake, milk production and milk composition. *South African Journal of Animal Science* 2002; **32**(4): 263-270.
16. MOELICH EI, HOFFMAN LC, CONRADIE PJ. Sensory and objective meat quality characteristics of pork from three halothane genotypes. *Meat Science* 2003; **63**: 333-338.
17. NOLTE JVE, FERREIRA AV, KÖSTER HH. Effect of amount of rumen degradable protein on the utilization of wheat straw by Dohne Merino wethers. *Animal Science (Formerly: Animal Production)* 2003; **76**: 319-326.
18. SHERIDAN R, FERREIRA AV, HOFFMAN LC. Production efficiency of South African Mutton Merino lambs and Boer goat kids receiving either a low or a high energy feedlot diet. *Small Ruminant Research (Official Journal of the International Goat Association)* 2003; **50**: 75-82.
19. SHERIDAN R, HOFFMAN LC, FERREIRA AV. Meat quality of Boer goat kids and Mutton merino lambs. 1. Commercial yields and chemical composition. *Animal Science (Formerly: Animal Production)* 2003; **76**: 63-71.
20. SHERIDAN R, HOFFMAN LC, FERREIRA AV. Meat quality of Boer goat kids and Mutton merino lambs. 2. Sensory meat evaluation. *Animal Science (Formerly: Animal Production)* 2003; **76**: 73-79.
21. VAN ZYL L, FERREIRA AV. Amino acid requirements of springbok (*Antidorcas marsupialis*), blesbok (*Damaliscus dorcas phillipsi*) and impala (*Aepyceros melampus*) estimated by the whole empty body essential amino acid profile. *Small Ruminant Research (Official Journal of the International Goat Association)* 2003; **47**: 145-153.
22. WEIDEMAN H, SCHOEMAN SJ, JORDAAN GF, KIDD M. Epistaxis related to exercise – induced pulmonary haemorrhage in South African thoroughbreds. *Journal of the South African Veterinary Association* 2003; **74**: 127-131.

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

1. CRAFFORD K, HOFFMAN LC, MULLER M, SCHUTTE DeW. *Consumer expectations, perceptions and purchasing of South African game meat: current consumption and marketing trends*. Abstracts and Proceedings of the 11th International Meat Symposium. Centurion, South Africa, 2003: 22-23.
2. HOFFMAN LC, MULLER M, CLOETE SWP, SCHMIDT D. *Comparison of six crossbred lamb types: sensory and nutritional characteristics*. Abstracts and Proceedings of the 11th International Meat Symposium. Centurion, South Africa, 2003: 12.
3. PIETERSE E, HOFFMAN LC, GLOY EL, SALES J. *Sensory attributes of South African pork as influenced by genotype, sex type and age at slaughter – fresh loin*. Abstracts and Proceedings of the 11th International Meat Symposium. Centurion, South Africa, 2003: 15-16.

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

1. CLOETE JJE, HOFFMAN LC, CLOETE SWP. *A comparison between slaughter traits of Merino, Dohne Merino, SA Mutton Merino and Dormer sheep*. 11th International Meat Symposium. Centurion, South Africa, 2003.

2. CRUYWAGEN CW, BUNGE G, GOOSEN L. *The effect of milling on physical material lost through dacron bags of 53 micron pore size*. 98th Annual Congress of the American Dairy Science Association. Phoenix, USA, 2003.
3. CRUYWAGEN CW, HOFFMAN LC. *Calf socialization, non-forage fiber supplementation and rumen development in white and pink veal production systems*. 98th Annual Congress of the American Dairy Science Association. Phoenix, USA, 2003.
4. DU BUISSION P, HOFFMAN LC, MOELICH EI. *The sensory quality of two ostrich breeds*. The 5th Pangborn Sensory Science Symposium. Boston, USA, 2003.
5. DU PLESSIS I, HOFFMAN LC. *Physical and chemical characteristics of meat from 30 month old steers of four breed types grazing natural sweet veld*. 11th International Meat Symposium. Centurion, South Africa, 2003.
6. FERREIRA AV, ERASMUS M. *Chemical score, duodenal and whole body essential amino acid profile of commercially fed feedlot steers*. 9th World Conference on Animal Production. Porto Alegre, Brazil, 2003.
7. FERREIRA AV, ERASMUS M. *Essential amino acid composition of body protein pools of South African beef feedlot steers*. 9th World Conference on Animal Production. Porto Alegre, Brazil, 2003.
8. FERREIRA AV, ERASMUS M. *Model predicted and observed duodenal amino acid values and requirements of commercially fed feedlot steers*. 9th World Conference on Animal Production. Porto Alegre, Brazil, 2003.
9. GLOY EL, PIETERSE E, SIEBRITS FK, HOFFMAN LC. *Relationships between slaughter line measurements and processing yields in pigs*. 11th International Meat Symposium. Centurion, South Africa, 2003.
10. HOFFMAN LC, MELLETT FD. *Increasing juiciness and tenderness in beef from mature cows*. 49th International Congress of Meat Science and Technology. Campinas, Brazil, 2003.
11. JOUBERT M, HOFFMAN LC, BRAND TS, MANLEY M. *The effect of dietary vitamin E and organic selenium on the shelf life of ostrich meat*. 11th International Meat Symposium. Centurion, South Africa, 2003.
12. JOUBERT M, HOFFMAN LC, BRAND TS, MANLEY M. *The effect of heat shrink treatment on the shelf life of ostrich meat*. 11th International Meat Symposium. Centurion, South Africa, 2003.
13. MOELICH EI, HOFFMAN LC, CONRADIE PJ. *Sensory and functional meat quality characteristics of pork derived from three halothane genotypes*. Sensory Science Symposium. Boston, USA, 2003.
14. NAUDE RJ, THOMAS AR, GONDOZA H, OOSTENHUIZEN V, HOFFMAN LC. *Activities of the proteasome and cathepsins B, L, H and D in ostrich meat*. 3rd General Meeting of the International Preteolysis Society (IPS). Nagoya University Graduate School of Medicine, Nagoya, Japan, 2003.
15. SWARTS I, PIETERSE E, HOFFMAN LC, FISHER PP. *Influence of porcine somatotropin on meat quality characteristics of South African pork*. 11th International Meat Symposium. Centurion, South Africa, 2003.
16. THOMAS AR, GONDOZA H, NAUDE RJ, OOSTENHUIZEN V, HOFFMAN LC. *Role of 20S proteasome and cathepsins B, L, H and D in ostrich meat tenderisation*. SASBMB 18th Congress. Groenkloof Campus, University of Pretoria, Pretoria, South Africa, 2003.
17. VILJOEN M, HOFFMAN LC, BRAND TS. *Prediction of the chemical composition of freeze-dried ostrich meat with near infrared spectroscopy*. Annual Meeting of the American Oil Chemists' Society. Centurion, South Africa, 2003.
18. VILJOEN M, HOFFMAN LC, BRAND TS. *Prediction of the chemical and mineral composition of freeze-dried mutton with near infrared spectroscopy*. 11th International Meat Symposium. Centurion, South Africa, 2003.



### Referate nasionaal/Papers national

1. FERREIRA AV. *The application of the relative feed value concept on small grain crop residues as a quality parameter for nutritional value*. Golden Jubilee Congress of the South African Soil Science Society, South African Crop Production and South African Horticultural Sciences Society. University of Stellenbosch, Stellenbosch, 2003.
2. FERREIRA AV, BRUNDYN L, BRAND TS. *Dry matter availability and chemical composition of Canola stubble at different stocking densities*. Golden Jubilee Congress of the South African Soil Science Society, South African Crop Production and South African Horticultural Sciences Society. University of Stellenbosch, Stellenbosch, 2003.
3. FERREIRA AV, VAN HEERDEN JM. *Dry matter availability, chemical composition and utilisation of grain crop residues on commercial farms in the Swartland and southern Cape regions of South Africa*. Golden Jubilee Congress of the South African Soil Science Society, South African Crop Production and South African Horticultural Sciences Society. University of Stellenbosch, Stellenbosch, 2003.
4. KROUCAMP M. *Commercial yield of different cuts of springbok*. South African Wildlife Management Association. Ganzekraal, 2003.

### Doktoraal lopend/Doctoral current

1. CLOETE JJE. *Evaluation of the meat quality of various sheep genotypes and their terminal crosses*. PhD (Agric) Promotor/medepromotor: Prof LC Hoffman/prof SWP Cloete.
2. ELS JF. *The influence of cattle type x stocking rate interaction on beef production in the central Kalahari Savanna*. PhD (Agric) Promotor: Prof SJ Schoeman.
3. MÜLLER C. *Genetic parameter estimation and breeding plans for South African dairy goat herd*. PhD (Agric) Promotor: Prof SJ Schoeman.
4. NOLTE JVE. *The essential amino acid requirements of woollen sheep for optimal production and reproduction*. PhD (Agric) Promotor: Dr AV Ferreira.
5. OWINY D. *In vitro fertilization of Cape buffalo oocytes*. PhD Promotor: Mnr DM Barry.
6. PIETERSE E. *The effect of increasing pig carcass weight on pork yield and quality attributes*. PhD (Agric) Promotor: Prof LC Hoffman.
7. RUST T. *An evaluation of genetic improvement in reproductive efficiency in beef cattle through the unravelling of composite reproductive traits*. PhD (Agric) Promotor: Prof SJ Schoeman.
8. VAN DER WESTHUIZEN RR. *A genetic analysis of biological and economic efficiency of post-weaning feedlot performance in beef cattle*. PhD (Agric) Promotor: Prof SJ Schoeman.
9. VAN SCHALKWYK SJ. *An evaluation of the potential value of ostriches (Struthio camelus) as pertaining to their feather, leather and meat production*. PhD (Agric) Promotor: Prof LC Hoffman.
10. WEIDEMAN H. *A genetic analysis of the occurrence of pulmonary haemorrhage in racing thoroughbreds*. PhD (Agric) Promotor: Prof SJ Schoeman.

### Magister afgehandel/Master's completed

1. VILJOEN M. *Determination of the chemical composition of meat and feed samples with near infrared reflection spectroscopy*. MScAgric, 2003. 101 pp. Studieleier/medestudieleier: Prof LC Hoffman/dr TS Brand.

### Magister lopend/Master's current

1. BREYTENBACH L. *Die gebruike van verwerkte kanola en lupiene in diëte vir braai-kuikens*. MScAgric Studieleier: Prof LG Ekermans.
2. BUNGE G. *Die invloed van biotiensupplementering aan melkkoeie op veselvertering en fermentasie-eienskappe*. MScAgric Studieleier: Prof CW Cruywagen.

3. DU BUISSION P. *The influence of the Doroc pig breed on pork quality*. MScAgric Studieleier: Prof LC Hoffman.
4. DU PLESSIS I. *The effect of slaughter age on the carcass characteristics of four cattle breeds*. MScAgric Studieleier: Prof LC Hoffman.
5. GRIFFITHS J. *Die invloed van ekstrusie op die benutting van proteïenbronne deur melkkoeie*. MScAgric Studieleier: Prof CW Cruywagen.
6. KOEP KSC. *Composition and utilization of the meat of the Cape fur seal*. MScAgric Studieleier: Prof LC Hoffman.
7. LOUW AW. *Die voedingswaarde van fababoonkuilvoer as ruvoer vir lakterende melkkoeie*. MScAgric Studieleier: Prof CW Cruywagen.
8. VON SHAUROTH EDF. *An assessment of performance evaluation procedures of Dorper rams under extensive management conditions*. MScAgric Studieleier: Prof SJ Schoeman.

## VOEDSELWETENSKAP / FOOD SCIENCE

### Tydskrifartikels/Journal articles

1. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. Antioxidant activity of South Africa red and white cultivar wines: Free radical scavenging. *Journal of Agricultural and Food Chemistry* 2003; **51**: 902-909.
2. GELADI P, MANLEY M, LESTANDER T. Scatter plotting in multivariate data analysis. *Journal of Chemometrics* 2003; **17**: 1-9.
3. KEYSER M, WITTHUHN RC, RONQUEST L-C, BRITZ TJ. Treatment of winery effluent with upflow anaerobic sludge blanket (UASB) – granular sludges enriched with *Enterobacter sakazakii*. *Biotechnology Letters* 2003; **25**(22): 5.
4. MANLEY M, DE BRUYN N, DOWNEY G. Classification of three-year old, unblended South African brandy with near infrared spectroscopy. *NIR News* 2003; **5**(14): 8-11.
5. SCHOEVEERS A, BRITZ TJ. Influence of different culturing conditions on kefir grain increase. *International Journal of Dairy Technology* 2003; **56**(3): 183-187.
6. VAN SCHALKWYK C, JOUBERT H, BRITZ TJ. ECP-production and potential for aggregate formation by classical propionibacteria. *World Journal of Microbiology & Biotechnology* 2003; **19**: 285-289.

### Referate internasionaal/Papers international

1. DANIELS V, VAN WYK J, SIGGE GO. *Investigations into the UASB treatment of peach canning wastewater with pre-ozonation*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
2. DE BEER D, JOUBERT E, GELDERBLOM WCA, MANLEY M. *In-bottle maturation of red and white wines: changes in phenolic composition and antioxidant activity*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
3. DE BEER D, JOUBERT E, MARAIS J, GELDERBLOM WCA, VAN SCHALKWYK D, MANLEY M. *Antioxidant capacity of wine: effect of viticultural and enological practices on phenolic composition and quality*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
4. DE BEER D, JOUBERT E, VAN SCHALKWYK D, MARAIS J, MANLEY M. *Effect of climate and vine management systems on the phenolic composition and antioxidant capacity of Pinotage wines: preliminary results*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
5. GARBERS I-M, BRITZ TJ, WITTHUHN RC. *DGGE fingerprinting and molecular identification of microbes present in Kipi grains*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.

6. KEYSER M, BRITZ TJ, WITTHUHN RC. *Fingerprinting of the microbial species in different UASB granules using denaturing gradient gel electrophoresis*. International Water Association Biofilm Congress. Cape Town, 2003.
7. KEYSER M, BRITZ TJ, WITTHUHN RC. *PCR-based DGGE fingerprinting of microbes present in UAGB granules treating food industry effluents*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
8. KOHRS GA, HOFFMAN LC, BRITZ TJ, DICKS LMT. *Preservation of red meat with natural antimicrobial peptides from lactic acid bacteria*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
9. MANLEY M. *NIRS: an invaluable tool for food quality control*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
10. MANLEY M, DE BRUYN N, DOWNEY G. *Classification of three-year old, unblended South African brandy with near infrared spectroscopy*. 11th International Conference on Near Infrared Spectroscopy. Cordoba, Spain, 2003.
11. MANLEY M, DE BRUYN N, DOWNEY G. *Classification of three-year old, unblended South African brandy with near infrared spectroscopy*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
12. MANLEY M, GRAY BR, JOUBERT E, SCHULZ H. *An invaluable tool for the quality control of Devil's Claw (Harpagophytum procumbens)*. 11th International on Near Infrared Spectroscopy. Cordoba, Spain, 2003.
13. MANLEY M, GRAY BR, JOUBERT E, SCHULZ H. *NIRS: an invaluable tool for the quality control of Devil's Claw (Harpagophytum procumbens)*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
14. McLACHLAN T, SIGGE GO, BRITZ TJ. *UASB technology and its combination with ozonation in the treatment of cellar effluent*. International Water Association Biofilm Congress. Cape Town, 2003.
15. MYBURGH L, MANLEY M, JOUBERT E, LOTZ E. *Non-destructive evaluation of storage potential of clingstone peaches by NIRS using PCA and SIMCA*. 11th International Journal of Near Infrared Spectroscopy. Cordoba, Spain, 2003.
16. MYBURGH L, MANLEY M, JOUBERT E, LOTZ E. *Non-destructive evaluation of storage potential of clingstone peaches by NIRS using PCA and SIMCA*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
17. RICHARDS ES, JOUBERT E, GELDERBLOM WCA, SNIJMAN P, MANLEY M. *Honeybush tea – selective extraction and fractionation for enhancement of antioxidant activity*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
18. SIGGE GO, BRITZ TJ, FOURIE PC, BARNARDT CA. *Ozone as a pre- and post-treatment option to anaerobic digestion of fruit processing wastewaters*. International Water Association Biofilm Congress. Cape Town, 2003.
19. SIGGE GO, BRITZ TJ, FOURIE PC, BARNARDT CA, STRYDOM R. *Fruit, wine, effluents and ozone: combining technologies to treat food processing wastewaters*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
20. VAN SCHALKWYK C, JOUBERT H, WITTHUHN RC, BRITZ TJ. *Floc formation by an extracellular polymer producing Propionibacterium jensenii strain*. International Water Association Biofilm Congress. Cape Town, 2003.
21. VAN SCHALKWYK N, SIGGE GO, BRITZ TJ. *The use of ozonation as a pre-treatment to eliminate pectin from fruit processing wastewaters before anaerobic digestion*. International Water Association Biofilm Congress. Cape Town, 2003.
22. VAN WYK J, BRITZ TJ. *Optimisation of vitamin B12 and folate production by Propionibacterium freudenreichii strains in kefir*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.
23. WITTHUHN RC, VAN WYK J, SCHOEMAN T, MYBURGH AS, BRITZ TJ. *Microbes in Kefi and Kefi grains and the anti-microbial activity of the beverage*. The 17th SAAFoST International Congress and Exhibition. Pretoria, 2003.

**Referate nasionaal/Papers national**

1. DE BEER D, DU TOIT WJ, FOURIE BA, MARAIS J, MANLEY M. *Wood maturation of Pinotage using barrels and alternative wood products: effect on phenolic composition and antioxidant activity*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
2. DE BEER D, FOURIE B, JOUBERT E, DU TOIT W, MARAIS J, MANLEY M. *Wood maturation of Pinotage using barrels and alternative wood products: effect on phenolic composition and antioxidant capacity*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
3. DE BEER D, JOUBERT E, VAN SCHALKWYK D, MARAIS J, MANLEY M. *Effect of climate and vine management systems on the phenolic composition and antioxidant capacity of Pinotage wines: preliminary results*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
4. DE BEER D, WATERHOUSE ALW, JOUBERT E, MANLEY M. *Standardisation of wine analysis: sample management to prevent loss of phenolic compounds*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.

**Navorsingsverslae/Research reports**

1. BRITZ TJ, VAN SCHALKWYK C, WITTHUHN RC, CAMERON M, VAN EEDEN AE, O'KENNEDY O. *Mass culturing of granules for use in upflow anaerobic sludge blanket bioreactors (UASB) by process induction and microbial stimulation*. Dept of Food Science, Stellenbosch University, 2002. 163 pp.
2. WITTHUHN RC, KEYSER M, BRITZ TJ. *Molecular characterization of granules from the upflow anaerobic sludge blanket bioreactors (UASB)*. Dept of Food Science, Stellenbosch University, 2003. 34 pp.

**Doktoraal lopend/Doctoral current**

1. CAMERON M. *High power ultrasound pasteurisation of raw milk*. PhD (Voedselwet) Promotor/medepromotors: Prof TJ Britz/dr L Brown en prof J Davies.
2. DALTON A. *The development of a product rich in n-3 polyunsaturated fatty acids and the effect on the status of learners*. PhD (Voedselwet) Promotor/medepromotor: Dr CM Smuts/dr RC Witthuhn en dr P Wolmerans.
3. DE BEER D. *Optimisation of the antioxidant activity of Pinotage and Chenin blanc wines with retention of wine quality*. PhD (Voedselwet) Promotor/medepromotor: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr M Manley en J Marais.
4. DOLLY L. *Evaluation of bacteriocin activity in the genus Propionibacterium*. PhD (Voedselwet) Promotor/medepromotors: Prof TJ Britz/prof LMT Dicks.
5. KEYSER M. *PCR-based denaturing gradient gel electrophoresis (DGGE) characterisation of the microbial consortiums of different UASB granules*. PhD (Voedselwet) Promotor/medepromotors: Dr RC Witthuhn/prof TJ Britz.
6. NTSAME-AFFANE A. *Monitoring of lactic acid production during Kefir mass-culturing*. PhD (Voedselwet) Promotor/medepromotor: Prof TJ Britz/mnr GO Sigge.
7. SIGGE GO. *Integration of anaerobic biological and advanced chemical oxidation processes to facilitate biodegradation of fruit canning and winery wastewaters*. PhD (Voedselwet) Promotor/medepromotors: Prof TJ Britz/dr PC Fourie.
8. VAN SCHALKWYK C. *Mass culturing of granules for use in upflow anaerobic sludge blanket (UASB) bioreactors by process induction and microbial stimulation*. PhD (Voedselwet) Promotor/medepromotors: Prof TJ Britz/dr RC Witthuhn.

**Magister afgehandel/Master's completed**

1. CRONJE MC. *Production of Kefi grains using pure cultures as starters*. MScVoedselwet, 2003. 103 pp. Studieleier/medestudieleier: Prof TJ Britz/dr RC Witthuhn.

2. DE BRUYN N. *Future applications of near infrared spectroscopy (NIRS) in the South African brandy and distillation industry*. MScVoedselwet, 2003. 163 pp. Studieleier/medestudieleiers: Dr M Manley/drr MG Lambrechts en G Downey (NFC, Dublin).
3. ERWEE A. *Processing and control during the production of intermediate moisture fruits*. MScVoedselwet, 2003. 128 pp. Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr CF Hansmann en prof TJ Britz.
4. GARBERS I-M. *PCR-based DGGE typification of the microbial community of Kepi grains*. MScVoedselwet, 2003. 75 pp. Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
5. GRAY BR. *Retention of the harpagoside content in dried Harpagophytum procumbens (Devil's Claw) root through controlled drying and the application of near infrared spectroscopy (NIRS) as a rapid method of determination*. MScVoedselwet, 2003. 122 pp. Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/drr M Manley en H Schulz.
6. JOUBERT M. *The manipulation of ostrich meat quality, composition and shelf life*. MSc Voedselwet, 2003. 71 pp. Studieleier/medestudieleiers: Prof LC Hoffman/drr M Manley en TS Brand.
7. MYBURGH L. *Prediction of post-storage quality in canning apricots and peaches using near infrared spectroscopy (NIRS) and chemometrics*. MScVoedselwet, 2003. 148 pp. Studieleier/medestudieleier: Dr M Manley/dr E Joubert (LNR, Infruitec-Nietvoorbij).
8. RICHARDS ES. *Characterisation of the major antimutagenic and antioxidant principles of honeybush tea (Cyclopia intermedia)*. MScVoedselwet, 2003. 193 pp. Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/drr M Manley en WCA Gelderblom (Promec, MNR).
9. UUSIKU PN. *PCR detection of Propionibacteria incorporated into mass-cultured Kepi grains*. MScVoedselwet, 2003. 65 pp. Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.

### Magister Iopend/Master's current

1. ALLEN M. *Macadamia oil: fatty acid profile, oxidative stability and development of FT-NIRS calibration models*. MScVoedselwet Studieleier/medestudieleier: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr M Manley.
2. BOTHA SSTC. *Influence of fiber type and conditioning on meat quality*. MScVoedselwet Studieleier/medestudieleier: Prof LC Hoffman/prof TJ Britz.
3. DUMALISILE P. *Impact of pasteurisation temperatures on survival of bacterial contaminants from milk*. MScVoedselwet Studieleier/medestudieleier: Prof TJ Britz/dr RC Witthuhn.
4. KEMP F. *Evaluating the role of Propionibacteria in the UASB granulation process*. MScVoedselwet Studieleier: Prof TJ Britz.
5. KOHRS A. *Preservation of red meat with natural antimicrobial peptides from lactic acid bacteria*. MScVoedselwet Studieleier/medestudieleiers: Prof LC Hoffman/proff LMT Dicks en TJ Britz.
6. KROUCAMP M. *Determination and quantification of factors that influence the meat quality of Springbok*. MScVoedselwet Studieleier/medestudieleier: Prof LC Hoffman/dr M Manley.
7. LATSKY A. *Lab-scale optimisation of the Kepi beverage production from mass cultured Kepi grains*. MScVoedselwet Studieleier/medestudieleier: Dr RC Witthuhn/prof TJ Britz.
8. McLACHLAN T. *Integration of a combined UASB-ozonation treatment system for cellar effluent degradation*. MScVoedselwet Studieleier/medestudieleier: Mnr GO Sigge/prof TJ Britz.
9. ROELF C. *Categorisation of bycatch and fish waste and the nutritional value thereof*. MScVoedselwet Studieleier/medestudieleiers: Prof LC Hoffman/drr M Manley en A Dalton.
10. SADIE L. *Identification and characterisation of glassiness in commercially processed French fried potatoes*. MScVoedselwet Studieleier/medestudieleiers: Dr RC Witthuhn/drr A Dalton en M Manley.
11. THEUNISSEN J. *Identification of probiotic microbes from South African products using PCR-based DGGE analyses*. MScVoedselwet Studieleier/medestudieleier: Dr RC Witt-huhn/prof TJ Britz.

12. TSANIGAB SM. *Fin fish feed formulations*. MScVoedselwet Studieleier/medestudieleier: Dr M Manley/mnr M Batly.
13. VAN DER MERWE JD. *Antimutagenicity of Cyclopia spp against aflatoxin B1*. MScVoedselwet Studieleier/medestudieleiers: Dr E Joubert (LNR, Infruitec-Nietvoorbij)/dr M Manley en WCA Gelderblom (Promec, MNR).
14. VAN SCHALKWYK N. *The combination of UASB and ozone technology in the treatment of a pectin containing wastewater from the apple juice processing industry*. MScVoedselwet Studieleier/medestudieleier: Mnr GO Sigge/prof TJ Britz.
15. VERMAAK A. *Effect of nutrition on the meat quality of ostriches*. MScVoedselwet Studieleier/medestudieleier: Prof LC Hoffman/prof TJ Britz.

**INSTITUUT VIR WYNBIOTEKNOLOGIE**  
**(waarby ingesluit die Departement Wingerd- en Winkunde) /**  
**INSTITUTE FOR WINE BIOTECHNOLOGY**  
**(including the Department of Oenology and Viticulture)**

### Tydskrifartikels/Journal articles

1. BECKER JW, ARMSTRONG GO, VAN DER MERWE MJ, LAMBRECHTS MG, VIVIER MA, PRETORIUS IS. Metabolic engineering of *Saccharomyces cerevisiae* for the synthesis of the wine-related antioxidant resveratrol. *FEMS Yeast Research* 2003; **4**: 79-85.
2. 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 producing area, South Africa (1996-2000). *Bulletin de l'OIV* 2003; **76**: 5-29.
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4. CARSTENS M, VIVIER MA, VAN RENSBERG P, PRETORIUS IS. Overexpression, secretion and antifungal activity of the *Saccharomyces cerevisiae* chitinase. *Annals of Microbiology* 2003; **53**: 15-28.
5. CORDERO OTERO RR, UBEDA IRANZO JF, BRIONES-PÉREZ AL, POTGIETER N, VILLENA M, PRETORIUS IS, VAN RENSBERG P. Characterization of the  $\beta$ -glucosidases activity produced by enological strains of non-*Saccharomyces* yeast. *Journal of Food Science* 2003; **68**: 2564-2569.
6. DU TOIT M, DICKS LMT, HOLZAPFEL WH. Identification of heterofermentative lactobacilli isolated from pig faeces by numerical analysis of total soluble cell protein patterns and RAPD-PCR. *Letters in Applied Microbiology* 2003; **36**: 12-16.
7. EKSTEEN JM, STEYN AJC, VAN RENSBERG P, CORDERO OTERO RR, PRETORIUS IS. Cloning and characterisation of a second alpha-amylase gene (*LKA2*) from *Lipomyces kononenkoae* IGC4052B and its expression in *Saccharomyces cerevisiae*. *Yeast* 2003; **20**: 69-78.
8. EKSTEEN JM, VAN RENSBERG P, CORDERO OTERO RR, PRETORIUS IS. Starch fermentation by recombinant *Saccharomyces cerevisiae* strains expressing the alpha-amylase and glucoamylase genes from *Lipomyces kononenkoae* and *Saccharomycopsis fibuligera*. *Biotechnology and Bioengineering* 2003; **84**: 639-646.
9. GAGIANO M, BAUER FF, FRANKEN CJ, BESTER MC, VAN DYK D, PRETORIUS IS. The functional dissection of Mss11p, a transcription factor regulating pseudohyphal differentiation, invasive growth and starch metabolism in *Saccharomyces cerevisiae*. *Molecular Microbiology* 2003; **47**: 119-134.

10. JOLLY NP, AUGUSTYN OPH, PRETORIUS IS. The effect of non-*Saccharomyces* yeasts on fermentation and wine quality. *South African Journal for Enology and Viticulture* 2003; **24**: 55-62.
11. JOLLY NP, AUGUSTYN OPH, PRETORIUS IS. The occurrence of non-*Saccharomyces* yeast strains over three vintages in four vineyards and grape musts from four production regions of the Western Cape, South Africa. *South African Journal for Enology and Viticulture* 2003; **24**: 35-42.
12. JOLLY NP, AUGUSTYN OPH, PRETORIUS IS. The use of *Candida pulcherrima* in combination with *Saccharomyces cerevisiae* for the production of Chenin blanc wines. *South African Journal for Enology and Viticulture* 2003; **24**: 63-69.
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14. MALHERBE DF, DU TOIT M, CORDERO OTERO RR, VAN RENSBURG P, PRETORIUS IS. Expression of the *Aspergillus niger* glucose oxidase gene in *Saccharomyces cerevisiae* and its potential applications in wine production. *Applied Microbiology and Biotechnology* 2003; **61**: 502-511.
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16. PRETORIUS IS, DU TOIT M, VAN RENSBURG P. Designer yeasts for the fermentation industry of the 21st century. *Food Technology and Biotechnology* 2003; **41**: 3-10.
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19. VERSTREPEN KJ, DERDELINCKX G, DUFOUR J-P, WINDERICKX J, PRETORIUS IS, THEVELEIN JM, DELVAUX FR. The *Saccharomyces cerevisiae* alcohol acetyl transferase gene ATF1 is a target of the cAMP/PKA and FGM nutrient-signalling pathways. *FEMS Yeast Research* 2003; **4**: 285-296.
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### Verrigtinge nasionaal/Proceedings national

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### Referate internasionaal/Papers international

1. BERTHELNS NJ, CORDERO OTERO RR, BAUER FF, THEVELEIN JM, PRETORIUS IS. *Factors that affect the consumption of fructose by Saccharomyces cerevisiae wine strains*. International Conference on Yeast Genetics and Molecular Biology. Göteborg, Sweden, 2003.
2. BESTER MC, FRANKEN CJ, BAUER FF. *Regulation of Ca<sup>2+</sup>-dependant flocculation by the Saccharomyces cerevisiae transcriptional regulator Mss11p*. International Conference on Yeast Genetics and Molecular Biology. Göteborg, Sweden, 2003.
3. CAREY VA, ARCHER E, SAAYMAN D. *Landscape variability in Stellenbosch: implications for viticulture*. International Colloquium on Landscapes of Grapevines and Wine. Fontevraud, France, 2003.

4. CORDERO OTERO RR. *Oxygen starvation during xylose fermentation induces cell death in Saccharomyces cerevisiae*. International Conference on Yeast Genetics and Molecular Biology. Göteborg, Sweden, 2003.
5. CORDERO OTERO RR, RAMACHANDRAN N, PRETORIUS IS. *Influence of flocculation on the ethanol production by recombinant Saccharomyces cerevisiae expressing amyolytic genes from Lipomyces kononenkoae*. International Conference on Yeast Genetics and Molecular Biology. Göteborg, Sweden, 2003.
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8. DU TOIT M. *Biopreservation and lactic acid bacteria in winemaking*. California Enological Research Association (CERA). Guernerville, California, USA, 2003.
9. DU TOIT WJ, GROENEWALD DP. *The effect of micro-oxygenation on a South African red wine composition and quality*. Proceedings of the 7th International Oenologie Symposium. Bordeaux, France, 2003.
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15. SWIEGERS JH, PRETORIUS IS, BAUER FF. *Ras regulates the carnitine shuttle bypass, the glyoxylate cycle, through suppression of cit2*. International Conference on Yeast Genetics and Molecular Biology. Göteborg, Sweden, 2003.
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17. VAN RENSBURG P, TROMP A. *Advances in white wine production in South Africa*. Technical Conference, Mondavi 2003. Santiago, Chile, 2003.
18. VAN ZYL WH, LA GRANGE DC, ZIETSMAN JJ, GUNDLLAPALLI MOSES SB, CORDERO OTERO RR, PRETORIUS IS, FAN Z, MCBRIDE J, LYND LR. *Conversion of non-native glucans by strains of Saccharomyces cerevisiae expressing heterologous enzymes*. Nineteenth Annual International Feul Ethanol Workshop and Trade Show. South Dakota, USA, 2003.

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1. BERTHELNS NJ, CORDERO OTERO RR, BAUER FF, PRETORIUS IS, THEVELEIN JM. *Discrepancy in glucose and fructose utilisation during fermentation by Saccharomyces cerevisiae wine yeast*. Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
2. CAREY VA. *Aptitude of the cultivar Chenin blanc for botrytisation: application to viticultural zoning to obtain dry and sweet wines*. Wingerd- en Wynforum Terroirinligtingsdag. Stellenbosch, 2003.



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4. CAREY VA. *Preliminary identification of viticultural terroirs in the South Western Cape*. Wingerd- en Wynforum Terroirinligtingsdag. Stellenbosch, 2003.
5. CAREY VA, ARCHER E, SAAYMAN D. *Topographic variability in Stellenbosch: Implications for Viticulture*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
6. CORDERO OTERO RR, UBEDA IRANZO JF, BRIONES-PÉREZ AL, POTGIETER N, VILLENNA M, PRETORIUS IS, VAN RENSBURG P. *B-glucosidases from yeasts isolated from grapes*. Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
7. DE BEER D, DU TOIT WJ, FOURIE BA, MARAIS J, MANLEY M. *Wood maturation of Pinotage using barrels and alternative wood products: effect on phenolic composition and antioxidant activity*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
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9. DU TOIT WJ, VAN RENSBURG P, FOURIE BA. *The effect of different wood treatments on red wine colour and composition*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
10. GUT H, VAN RENSBURG P, SNOEP JL, BAUER FF. *Mass-mating, enrichment and selection: a new strategy to generate optimised wine yeast strains*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
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13. MALHERBE DF, DU TOIT M, CORDERO OTERO RR, PRETORIUS IS, VAN RENSBURG P. *The development of a recombinant wine yeast strain capable of simultaneously reducing the alcohol content and biopreserving wine*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
14. STREVER AE, VIVIER MA. *The assessment of within-vineyard vineyard vigour variability for improved optimal ripeness determination*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.
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16. VAN RENSBURG P, MOCKE BA, BAUER FF. *Novel wine yeast strains for differential malic acid and/or pectin degradation during alcoholic fermentation*. 27th Conference of the SA Society for Enology and Viticulture. Somerset West, 2003.

### Hoofstukke in boeke/Chapters in books

1. CAREY VA, BONNARDOT VMF, KNIGHT F. The zoning of terroirs for wine production: South Africa. In: Fregoni M, Schuster D, Paoletti A, (eds). *Terroir, Zonazione E Viticoltura*. Phytoline, Rivoli Veronese, Italy, 2003: 227-243.
2. PRETORIUS IS. The genetic analysis and tailoring of wine yeasts. In: De Winde JH, (ed.). *Topics in Current Genetics, Vol 2; Functional Genetics of Industrial Yeasts*. Springer Verlag, Heidelberg, Germany, 2003: 99-142.
3. VERSTREPEN KJ, MOONJAI N, BAUER FF, DERDELINCKX G, DUFOUR J-P, WINDERICKX J, THEVELEIN JM, PRETORIUS IS, DELVAUX FR. Genetic regulation of ester synthesis in yeast: new facts, insights and implications for the brewer. In: Smart K, (ed.). *Brewing Yeast Fermentation Performance, 2nd ed*. Blackwell Science Ltd, Oxford, UK, 2003: 234-248.

**Doktoraal afgehandel/Doctoral completed**

1. FREEBOROUGH M-J. *A pathogen-derived resistance strategy for the broad-spectrum control of grapevine leafroll associated virus infection*. PhD, 2003. 100 pp. Promotor/medepromotor: Prof IS Pretorius/dr JT Burger.
2. SWIEGERS JH. *Cloning of genes involved in carnitine metabolism in Saccharomyces cerevisiae*. PhD, 2003. 109 pp. Promotor/medepromotor: Prof FF Bauer/prof IS Pretorius.

**Doktoraal lopend/Doctoral current**

1. BECKER JvW. *Isolation and characterization of a second member of the multigene PGIP family in Vitis vinifera L.* PhD Promotor/medepromotor: Prof MA Vivier/prof IS Pretorius.
2. BERTHELS NJ. *Improvement of fructose utilization in Saccharomyces cerevisiae wine yeast during nitrogen starvation*. PhD Promotor/medepromotors: Prof IS Pretorius/prof FF Bauer en dr RR Cordero Otero.
3. BYARUGABA BAZIRAKA GW. *A comparative study of the unfermented juices and fermented products from grapes or apples viz avis mangoes/bananas and pineapples from the sub-tropical and tropical countries of South Africa and Uganda respectively, with special attention to the affects of enzymes on these processes*. PhD Promotor: Dr P van Rensburg.
4. CAREY VA. *The use of viticultural terroir units for demarcation of geographical indications for wine production in Stellenbosch and surrounds*. PhD (Agric) Promotor/medepromotor: Prof E Archer/mnr D Saayman.
5. CHAMPANIS R. *Aspects of sucrose metabolism in transgenic tobacco*. PhD Promotor/medepromotors: Prof MA Vivier/proff IS Pretorius en FC Botha.
6. DE BEER A. *Transgenic plants expressing grapevine pgip1: analysis of disease resistance pathways*. PhD Promotor/medepromotor: Prof MA Vivier/prof IS Pretorius.
7. DU TOIT WJ. *The effect of different spoilage organisms on wine quality*. PhD (Agric) Promotor/medepromotor: Prof IS Pretorius/prof A Lonvaud (Université Bordeaux, France).
8. ELLIS LP. *Identification of critical aroma compounds of South African brandy and factors involved in its development*. PhD (Agric) Promotor/medepromotor: Prof CJ van Wyk/prof PG Goussard.
9. 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.
10. JOLLY NP. *Characterization, evaluation and use of the non-Saccharomyces yeast strains isolated for South African vineyards and must*. PhD Promotor/medepromotors: Prof IS Pretorius/drr M du Toit en OPH Augustyn.
11. JOUBERT DA. *Regulation of the Vitis vinifera pgip1 gene encoding a polygalacturonase-inhibiting protein*. PhD Promotor/medepromotors: Prof IS Pretorius/prof MA Vivier en dr G de Lorenzo (University La Sapienza, Italy).
12. KROPPESTEDT S. *Metabolic flux control: engineering wine yeast strains for low ethanol yields*. PhD (Agric) Promotor/medepromotor: Prof FF Bauer/dr P van Rensburg.
13. LILLY M. *Cloning and characterization of genes involved in ester synthesis by the yeast Saccharomyces cerevisiae*. PhD Promotor/medepromotors: Prof FF Bauer/dr MG Lambrechts en prof IS Pretorius.
14. MALHERBE DF. *The development of a recombinant wine yeast strain capable of simultaneously reducing the alcohol content and biopreserving wine*. PhD Promotor/medepromotor: Dr P van Rensburg/prof IS Pretorius.
15. NIEUWOUDT HH. *Genetic manipulation of wine yeasts to increase glycerol production*. PhD Promotor/medepromotors: Prof BA Prior/FF Bauer en IS Pretorius.
16. OELOFSE A. *An investigation into the role of Brettanomyces and Dekkera in the wine-making process*. PhD Promotor/medepromotor: Dr M du Toit/prof IS Pretorius.
17. RAMACHANDRAN N. *Development of an alpha-amylase with improved properties*. PhD Promotor/medepromotor: Dr RR Cordero Otero/prof IS Pretorius.

18. SMIT A. *Maltotriose transport in yeast*. PhD Promotor/medepromotor: Dr RR Cordero Otero/prof IS Pretorius.
19. SNYMAN 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.
20. STREVER AE. *Hyperspectral analyses of vineyard stress parameters impacting on grape and wine quality*. PhD (Agric) Promotor/medepromotor: Prof MA Vivier/prof P Coppin (Katholieke Universiteit, Leuven).
21. STYGER G. *Monitoring genome-wide transcription during wine fermentation using SAGE and microarray analyses: identifying genes required for sustainable fermentative activity in a low nitrogen/high ethanol environment*. PhD Promotor/medepromotor: Prof FF Bauer/prof IS Pretorius.
22. TAYLOR KL. *Isolation and characterization of carotenoid biosynthetic genes from Vitis vinifera*. PhD Promotor/medepromotor: Prof MA Vivier/prof IS Pretorius.
23. VAN ZYL K. *The development of efficient transformation systems for grapevine cultivars and rootstock species with specific focus on alternative selection and regeneration systems*. PhD Promotor/medepromotor: Prof MA Vivier/dr S Groenewald.
24. YOUNG PR. *Carotenoid biosynthesis in Vitis vinifera L.: molecular analysis*. PhD Promotor/medepromotor: Prof MA Vivier/prof IS Pretorius.

### Magister afgehandel/Master's completed

1. BESTER MC. *Subcellular localization and characterization of the transcriptional regulators Mss11p and Flo8p of the yeast Saccharomyces cerevisiae*. MSc, 2003. 82 pp. Studieleier/medestudieleier: Prof IS Pretorius/prof FF Bauer.
2. DOMINGO JL. *The evaluation of stationary phase specific gene promoters for controlled flocculation in yeast cells*. MSc, 2003. 42 pp. Studieleier/medestudieleier: Prof FF Bauer/prof IS Pretorius.
3. DOWNING L. *Characterisation of biogenic amine genes in lactic acid bacteria isolated from wine*. MSc, 2003. 59 pp. Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
4. HANSSON GR. *Molecular analysis of MSS12, a Saccharomyces cerevisiae gene involved in starch metabolism*. MSc, 2003. 57 pp. Studieleier/medestudieleiers: Prof IS Pretorius/prof FF Bauer en dr MG Lambrechts.
5. KRIEL JH. *Development of synthetic signal sequences for heterologous protein secretion from Saccharomyces cerevisiae*. MSc, 2003. 56 pp. Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr RR Cordero Otero.
6. KRIELING SJ. *An investigation into lactic acid bacteria as a possible cause of bitterness in wine*. MSc, 2003. 57 pp. Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
7. KROPPESTEDT S. *The role of carnitine acetyl transferases in Saccharomyces cerevisiae*. MScAgric, 2003. 73 pp. Studieleier/medestudieleier: Prof FF Bauer/prof IS Pretorius.
8. LA GRANGE-NEL K. *Characterization and improvement of whiskey yeast*. MScAgric, 2003. 55 pp. Studieleier/medestudieleiers: Prof IS Pretorius/drr P van Rensburg, MG Lambrechts, M du Toit en mnr Q Willemse (Distell, Stellenbosch).
9. MARAIS EM. *The expression of yeast glucanase genes in tobacco and grapevine plants as possible pathogenesis related proteins*. MScAgric, 2003. 62 pp. Studieleier/medestudieleiers: Prof MA Vivier/prof IS Pretorius en dr P van Rensburg.
10. MORGAN J. *Screening, isolation and characterization of antimicrobial/antifungal peptides produced by lactic acid bacteria isolated from wine*. MSc, 2003. 65 pp. Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.
11. MULLER CA. *Monitoring the spreading of commercial wine yeasts in vineyards*. MSc, 2003. 61 pp. Studieleier/medestudieleiers: Prof IS Pretorius/drr MG Lambrechts, P van Rensburg en M Manley.
12. OELOFSE A. *Isolation and characterization of the antimicrobial peptides produced by Acetobacter aceti and Acetobacter pasteurianus*. MSc, 2003. 79 pp. Studieleier/medestudieleier: Dr M du Toit/prof IS Pretorius.

13. SHERIDAN CM. *A critical process analysis of wine production to improve cost, quality and environmental performance*. MSc, 2003. 86 pp. Studieleier/medestudieleier: Prof FF Bauer/prof L Lorenzen.
14. STRAUSS MLA. *The transformation of wine yeasts with glucanase, xylanase and pectinase genes for improved clarification and filterability of wine*. MSc, 2003. 73 pp. Studieleier/medestudieleiers: Prof IS Pretorius/drr MG Lambrechts en P van Rensburg.
15. STREVER AE. *Hyperspectral long distance monitoring of grapevine stress and its application in viticulture*. MScAgric, 2003. 145 pp. Studieleier/medestudieleiers: Prof MA Vivier/proff E Archer, IS Pretorius en P Coppin (Katholieke Universiteit, Leuven).
16. VAN ZYL S. *Open hydroponic systems in table grape production: a case study*. MScAgric, 2003. 147 pp. Studieleier/medestudieleier: Prof MA Vivier/prof PJC Stassen.

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

1. BOTES MP. *Parameters vir optimum-rypheid van Cabernet Sauvignon in Suid-Afrika*. MScAgric Studieleier/medestudieleier: Dr MG Lambrechts/me A Oberholzer.
2. BRACKENRIDGE AE. *The generation and subsequent analyses of transgenic Arabidopsis plant lines that overexpress grapevine carotenoid genes*. MSc Studieleier/medestudieleier: Prof MA Vivier/prof VR Smith.
3. CLOETE H. *The effect of shoot heterogeneity on the grape composition of Shiraz/Richter 99 vines*. MScAgric Studieleier/medestudieleier: Prof E Archer/prof PG Goussard.
4. CORRANS JL. *Development of vector systems for commercial wine yeasts*. MSc Studieleier/medestudieleiers: Dr MG Lambrechts/proff IS Pretorius en FF Bauer.
5. FERREIRA J. *Factors influencing the fermentation performance of commercial wine yeasts*. MScAgric Studieleier/medestudieleier: Mnr WJ du Toit/dr M du Toit.
6. FONT-SALA C. *New roles for carnitine in Saccharomyces cerevisiae*. MSc Studieleier: Dr FF Bauer.
7. FOURIE BA. *The effect of barrel type and other factors on the composition and quality of red wines*. MScAgric Studieleier/medestudieleier: Mnr WJ du Toit/dr P van Rensburg.
8. FRANKEN CJ. *The effect of nucleosome positioning and general repression on the transcriptional regulation of MUC1 and STA2*. MSc Studieleier/medestudieleiers: Prof FF Bauer/prof IS Pretorius en dr H Patterton (Universiteit Kaapstad).
9. LAKER MS. *Die effek van terroir op die waterstatus van die wingerdstok*. MScAgric Studieleier: Prof E Archer.
10. LAUBSCHER A. *The optimisation of a transformation protocol for the grapevine chloroplast genome*. MSc Studieleier/medestudieleier: Dr JT Burger/prof MA Vivier.
11. LOUW C. *The comparison of recombinant wine yeast strains with reference to efficient wine production and processing*. MSc Studieleier/medestudieleier: Dr P van Rensburg/prof IS Pretorius.
12. LOUW GD. *Genetic transformation of grapevine cultivars*. MScAgric Studieleier/medestudieleier: Prof MA Vivier/prof PG Goussard.
13. MOCKE BA. *The breeding and characterisation of starter culture yeast strains for red wine making*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/proff IS Pretorius en FF Bauer.
14. PIENAAR JW. *The effect of wind on the performance of Vitis vinifera*. MScAgric Studieleier/medestudieleier: Prof E Archer/me VA Carey.
15. POTGIETER N. *The evaluation of  $\beta$ -glucosidase activity from wine isolated yeast*. MSc Studieleier/medestudieleiers: Dr P van Rensburg/prof IS Pretorius en dr RR Cordero Otero.
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**FAKULTEIT  
REGSGELEERDHEID**

**FACULTY OF LAW**

<b>HANDELSREG / MERCANTILE LAW</b>
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7. KEMP GP. *Individual criminal liability for the international crime of aggression*. LLD Promotor/medepromotor: Prof MG Erasmus/prof SE van der Merwe.
8. McCREATH J. *The post-structuralist turn in linguistic theory and the interpretation of the "best interest of the child" in South African custody cases*. LLD Promotor: Prof LM du Plessis.
9. NIESING L. *The constitutional sustainability of euthanasia*. LLD Promotor: Prof LM du Plessis.
10. POTGIETER M. *'n 'Law and Literature'-analise van die retoriek van transformasie*. LLD Promotor: Prof AJ van der Walt.
11. VAN NIEKERK Y. *The African court on human and people's rights: a South African perspective*. LLD Promotor: Prof LM du Plessis.

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1. BLAAS FC. *Double criminality in international extradition law*. LLM, 2003. 124 pp. Studieleier: Mnr GP Kemp.
2. NEL M. *Incest: a case study in determining the optimal use of the criminal sanction*. LLM, 2003. 153 pp. Studieleier: Prof SE van der Merwe.

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1. AUGUSTIN M. *The development of ne bis in idem in international criminal law with special reference to amnesties*. LLM Studieleier: Mnr GP Kemp.
2. DAVIDSON LP. *Constitutional scrutiny of foreign affairs*. LLM Studieleier: Prof MG Erasmus.
3. DU PLESSIS M. *Evaluation of the international law regarding humanisation intervention in human rights abuses not breaking the international peace and security*. LLM Studieleier: Prof MG Erasmus.
4. FOURIE M. *The need to balance rights in the prosecution of sexual abuse of children*. LLM Studieleier: Prof SE van der Merwe.
5. FUNK A. *Criminal liability of internet providers in Germany and other jurisdictions*. LLM Studieleier: Mnr GP Kemp.
6. HENDRIKS R. *Die aard van borgverrigtinge en die toepaslike reëls van die bewysreg*. LLM Studieleier: Prof SE van der Merwe.
7. NIESING G. *The admissibility of unconstitutionally obtained evidence in South Africa: Issues concerning impeachment*. LLM Studieleier: Prof SE van der Merwe.

8. VAN AS F. *The legal mechanisms required to give effect to the Rome Statute of the International Criminal Court: a South African perspective*. LLM Studieleier: Mnr GP Kemp.



**FAKULTEIT TEOLOGIE**  
**FACULTY OF THEOLOGY**

<b>OU EN NUWE TESTAMENT / OLD AND NEW TESTAMENT</b>
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**Tydskrifartikels/Journal articles**

1. BOSMAN JP. The good, the bad and the Belial: traces of wisdom in the prophetic rhetoric of Nahum. *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2002; **15**(3): 10 pp.
2. BREYTENBACH JC. Civic concord and cosmic harmony. Sources of metaphoric mapping in 1 Clement 20:3. *Novum Testamentum* 2003; **110**(2003): 259-275.
3. DE VILLIERS FT. Translation of nonverbal communication in the Afrikaans Bible version for the deaf. *Scriptura* 2003; **84**(3): 6 pp.
4. ELOFF M. Exile, restoration and Matthew's genealogy of Jesus *ho Christos*. *Neotestamentica* 2003; **38**(1): 13 pp.
5. JONKER LC. Completing the temple with Josiah's Passover? *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2002; **15**(2): 381-397.
6. JONKER LC. The rhetorics of finding a new identity in a multi-religious and multi-ethnic society: the case of the book of Chronicles. *Verbum et Ecclesia* 2003; **24**(2): 21 pp.
7. JONKER LC. Wordt de tempel van Salomo met het paasfeest van Josia voltooid? *Schrift* 2003; **206**: 4 pp.
8. KRUGER JOUBERT LH. Narrative aggada, the Church Fathers and narrative theology. *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2003; **16**: 10 pp.
9. O'KENNEDY DF. The theological portrayal of forgiveness in Zechariah 1-8. *Scriptura* 2003; **84**(3): 13 pp.
10. O'KENNEDY DF. Vergifnis in die gebed van Daniël (Dan 9:4-19). *Acta Theologica* 2003; **23**(1): 135-149.
11. O'KENNEDY DF. Wat sê die Bybel oor vernuwing en transformasie in die gemeente? (Deel I: Ou Testament). *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1&2): 132-146.
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13. O'KENNEDY DF. Zechariah 3-4: core of Proto-Zechariah. *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2003; **16**(3): 635-653.
14. RUSSOUW T. "I will greatly increase your toil and your pregnancies." Alternate perspectives on Genesis 3:16. *Old Testament Essays (Journal of the Old Testament Society of South Africa)* 2002; **15**(1): 149-163.

**Referate internasionaal/Papers international**

1. JONKER LC. *The pragmatic-rhetorical function of temporal organization in Old Testament narratives: the case of the Chronicler's portrayal of King Josiah*. Annual International Conference of the Society for Biblical Literature. University of Cambridge, Cambridge, 2003.
2. MOUTON AEJ, ACKERMANN DM. *Gender as hermeneutical challenge – a dialogue*. Symposium: Change in African Societies. Present Challenges for the DRC in a Changing South Africa. University of Hamburg, Hamburg, Germany, 2003.

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1. BOSMAN HL. *Human nature in Deuteronomy – towards Biblical ethics in Africa*. PropPent Symposium. Universiteit Pretoria, Pretoria, 2003.
2. BOSMAN JP. *The paradoxical presence of Exodus 34:6-7 in the Book of the Twelve*. Annual Conference of the Old Testament Society of Southern Africa. University of the Free State, Bloemfontein, 2003.
3. JONKER LC. *Revisiting the Psalm headings: Second Temple Levitical propaganda? Pro-Psalm*. University of Pretoria, Pretoria, 2003.

4. MOUTON AEJ. *From woundedness towards healing: a rhetoric of pastoral-theological vision?* 14th National Conference: SA Association for Pastoral Work. University of Cape Town, Cape Town, 2003.
5. O'KENNEDY DF. *Zechariah 3-4: core of Proto-Zechariah*. Jaarlikse Kongres van die Ou-Testamentiese Werksgemeenskap van Suid-Afrika. Universiteit van die Vrystaat, Bloemfontein, 2003.

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1. BREYTENBACH JC. *Encounters with Hellenism. Studies on the first letter of Clement. (Arbeiten zur Geschichte des antiken Judentums und des Urchristentums Vol. 53)*. Brill, Leiden, 2003. 231 pp.
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2. BREYTENBACH JC. Der Danksagungsbericht des Paulus ueber den Gottesglauben der Thessalonicher (1 Thess. 1:2-10). In: Hooker MD, (ed.). *Not in the Word Alone. The First Epistle to the Thessalonians*. Benedictina, Rome, Italy, 2003: 22.

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2. CHOMUTIRI EM. *The interrelatedness of Christology and Ecclesiology from the perspective of John 9*. DTh Promotor: Prof AEJ Mouton.
3. DANIELS A. *Die teologiese samehang tussen God en hoop in die profetiese literatuur van die Ou Testament*. DTh Promotor: Prof HL Bosman.
4. EVANS JF. *Rereading Ezekiel's recognition formulae in light of inner-biblical interpretation and contemporary literary theory*. DTh Promotor: Prof HL Bosman.
5. FACHHAI L. *Understanding patriarchy in the Old Testament towards rediscovering familial responsibility and relationship*. DTh Promotor: Prof HL Bosman.
6. FOSTER S. *Communicating covenant concepts within the Lomwe and Makhuwa language groups*. DTh Promotor: Prof HL Bosman.
7. KIM J-H. *A theological interpretation of the city in the apocalyptic judgement and blessing of Isaiah 24-27*. DTh Promotor: Prof HL Bosman.
8. MEYER EE. *The Jubilee in Leviticus 25: a theological ethical interpretation from a South African perspective*. DTh Promotor: Prof HL Bosman.
9. MIN E-S. *A structural exegetical perspective on the Adam-humanity relationship in Romans*. DTh Promotor: Prof HJB Combrink.
10. MNGQIBISA OT. *An Old Testament perspective on the relationship between humankind and nature*. DTh Promotor: Prof HL Bosman.
11. MOON J. *The edification of the Corinthians: a socio-rhetorical interpretation of 2 Corinthians 10-13*. DTh Promotor: Prof HJB Combrink.
12. MOYO C. *A Karanga perspective on fertility and barrenness as blessing and curse in 1 Sam. 1-2*. DTh Promotor: Prof HL Bosman.
13. RATHBONE M. *Dialogiese interpretasie van die Bybel: die interaksie tussen akademiese en gewone lesers van die Bybel*. DTh Promotor: Prof HL Bosman.

14. SUH SI. *The significance of the recurrent outpouring of the Holy Spirit in Acts: a literary and socio-historical study*. DTh Promotor: Prof HJB Combrink.
15. WARD HD. *On defining a prophet. A theological-ethical study of the Balaam narratives in the Old Testament*. DTh Promotor: Prof HL Bosman.

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1. WILLIAMS C. *'n Kritiese ondersoek na die posisie van vrouepredikante in die VGK SA*. MDiv, 2003. 64 pp. Studieleier: Prof AEJ Mouton.

## **PRAKTIESE TEOLOGIE EN MISSIOLOGIE / PRACTICAL THEOLOGY AND MISSIOLOGY**

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1. AUGUST KT. Mission and power in a time of social and political change: the Moravian mission field in South Africa between adherence and autonomy. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3 & 4): 17 pp.
2. CILLIERS JH. 'n Eggo van Afrikaner-nasionalisme: 'n homileties-analitiese terugblik op Nederduitse Gereformeerde prediking uit die jare 1960-1980. *Scriptura* 2003; **84**: 10 pp.
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5. CILLIERS JH. Die plek en funksie van die wet in die erediens. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1 & 2): 8 pp.
6. CILLIERS JH. Die verhouding tussen Skrifbeskouing en prediking. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1 & 2): 8 pp.
7. ERASMUS JC, HENDRIKS HJ. Religious affiliation in South Africa early in the new Millennium: Markinor's world values survey. *Journal of Theology for SA* 2003; **November 2003**(117): 16 pp.
8. HENDRIKS HJ. The Acts 15 agenda. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3 & 4): 11 pp.
9. JODA-MBEWE OL, HENDRIKS HJ. Towards a Malawian urban ministry model. *Missionalia* 2003; **31**(2): 14 pp.
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11. LOUW DJ. The paradigmatic revolution in practical and pastoral theology: from metaphysics (substantial thinking) to empirism (experiential thinking); from theism to theopaschitism (hermeneutical thinking). *Praktiese Teologie in Suid-Afrika* 2003; **18**(2): 25 pp.
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14. PRINS JMG. Ministering hope: an essential ingredient in youth ministry. *Praktiese Teologie in Suid-Afrika* 2003; **18**(2): 14 pp.
15. SWART I. Church, mission and development: revisiting the pragmatic debate. *Missionalia* 2003; **31**(3): 21 pp.
16. VAN DER WATT JS, PRINS JMG. Interpretasieskemas binne jeugpastoraat in 'n post-moderne kultuur: 'n eko-hermeneutiese perspektief. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3 & 4): 12 pp.

17. WEPENER CJ. Liturgie en versoening vóór die reformasie: 60-312AD. *Praktiese Teologie in Suid-Afrika* 2003; **18**(1): 25 pp.
18. WEPENER C. Liturgie en versoening voor die reformasie 312-600 AD. *Praktiese Teologie in Suid-Afrika* 2003; **18**(2): 16 pp.

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2. LOUW DJ. *The unity of the "rainbow" versus the diversity of cultures?* In search of a common ground and an integrative factor. Affirming and living with differences. Vrije Universiteit, Amsterdam, Netherlands, 2003.

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1. LOUW DJ. *Pastorale teorievorming: paradigmatische verskuiwings/what about "human soul" in cura animarum? From metaphysics (substantial thinking) to empirism (experiential thinking): the paradigmatic revolution in care, counselling and practical theology*. Jaarvergadering vir Praktiese Teologie in Suid-Afrika. Pretoria, 2003.

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1. AUGUST KT. *The quest for being public church: a study of the South African Moravian Church in historical and contemporary perspective*. DTh, 2003. 396 pp. Promotor: Prof HR Botman.
2. CHO HJ. *Imagination in the formation of Christian faith: with special reference to the child (7-11 year old)*. DTh, 2003. 219 pp. Promotor: Dr JMG Prins.
3. LEE WJ. *A critical evaluation of the audience-oriented preaching theories of Fred Craddock and Eugene Lowry*. DTh, 2003. 250 pp. Promotor: Dr JH Cilliers.
4. SHIM YK. *The influence of Wangtta on God-images of Korean children. a pastoral assessment*. DTh, 2003. 277 pp. Promotor: Prof DJ Louw.

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1. BLIGNAUT R.J. *'n Ondersoek na die teoretiese uitgangspunte van programme vir natuurkampe en die benutting daarvan in geloofsvorming van die vroeë adolessent*. DTh Promotor: Dr JMG Prins.
2. BOWERS NF. *Local churches as agents of change? Local congregation and development in Lavender Hill in the Post Carnegie II context*. DTh Promotor/medepromotor: Prof HR Botman/ds KT August.

3. BROWN JL. *HIV/AIDS alienation: between prejudice and acceptance within the context of specific evangelical congregations in Lilongwe, Malawi*. DTh Promotor: Prof HJ Hendriks.
4. DU TOIT AF. *Die meningsvormende karakter van die Kerkbode as amptelike nuusblad van die Nederduitse Gereformeerde Kerk in die periode van sosio-politieke verandering*. DTh Promotor: Dr JH Cilliers.
5. DU TOIT RC. *'n Identiteitsanalise van die Christelike Gereformeerde Kerk in Suid-Afrika*. DTh Promotor: Prof HJ Hendriks.
6. ESAU ME. *The influence of atonement theories on God-images in the experience of sexually abused women*. DTh Promotor: Prof DJ Louw.
7. GRAINGER JT. *A pastoral assessment of a systems approach in premarital counselling within the context of disadvantaged communities*. DTh Promotor: Prof DJ Louw.
8. HOVIL J. *Transforming theological education in the Anglican Church in Uganda*. DTh Promotor: Prof HJ Hendriks.
9. JEONG JM. *A new strategy for urban evangelism and church growth in Korea through cell churches: an analytical, critical and contextual study*. DTh Promotor: Prof HJ Hendriks.
10. KATANI A. *Traditional Malawian choral music: a theological and liturgical-critical study within the Nkhoma Synod of the Central Church of Africa Presbyterian*. DTh Promotor: Dr JH Cilliers.
11. KIM J. *Pastoral care to couples within the Korean context*. DTh Promotor: Prof DJ Louw.
12. KIM SH. *The interplay between God-images and Korean religions within a hermeneutics of pastoral care and counselling*. DTh Promotor: Prof DJ Louw.
13. MACMASTER LLM. *In search of a family: the challenge of gangsterism to faith communities on the Cape Flats*. DTh Promotor: Prof DJ Louw.
14. MOROFF Y. *The position of women in African culture and its effect on their Christian identity and spirituality*. DTh Promotor: Prof DJ Louw.
15. MUNIKWA C. *The Binga outreach: contextualization of mission in the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
16. MUTINDA POK. *Discipleship as a strategy for a value based community life within the Kenyan context*. DTh Promotor: Prof HJ Hendriks.
17. NDHLOVU J. *Combatting AIDS: a ministerial strategy for Zambian churches*. DTh Promotor: Prof HJ Hendriks.
18. PARKER A. *Towards heterogeneous churches in South Africa: transitional processes in Seventh-Day Adventist congregations*. DTh Promotor: Prof HJ Hendriks.
19. PIENAAR ZC. *'n Ondersoek na die stand van die klein plattelandse gemeentes in die Verenigde Gereformeerde Kerk in Namibië*. DTh Promotor: Prof HJ Hendriks.
20. PLAATJIES CW. *Revisioning the denominational ethos and administrative structures of the Seventh Day Adventist Church in South Africa*. DTh Promotor: Prof HJ Hendriks.
21. RANGOONWALA A. *Community-based discipleship: a missional approach to Youth Ministry in Nairobi*. DTh Promotor: Dr DX Simon.
22. RUNYOWA W. *Evangelism as a holistic ministry in the congregations of the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
23. RUTORO R. *The development of lay leadership in the Reformed Church in Zimbabwe*. DTh Promotor: Prof HJ Hendriks.
24. SEIBEL C. *New wine in old wineskins: traditioning traditional churches to reach pace-setters*. DTh Promotor: Prof HJ Hendriks.
25. TAYLOR J-A. *Incarnational spirituality as counselling method related to individuals with eating disorders*. DTh Promotor: Prof DJ Louw.
26. VAN AS B. *Between cultural irrelevance and assimilation: contextualizing ecclesiology*. DTh Promotor: Prof HJ Hendriks.
27. VAN DER MERWE WC. *Die diakonaat van die kerk in post-apartheid Suid-Afrika*. DTh Promotor/medepromotor: Prof HJ Hendriks/dr I Swart.
28. VAN DEVENTER GJ. *Die funksie van die huisgesin van God metafoor vir 'n prakties-teologiese ekklesiologie*. DTh Promotor: Prof HJ Hendriks.

29. VAN SANTEN PJ. *Die ontmoeting tussen evangelie en kultuur: 'n ondersoek na Lesslie Newbigin se 'missionale kerk' konsep*. DTh Promotor: Prof HJ Hendriks.
30. WEPENER CJ. *Rituele roetemerkers vir versoening. 'n Liturgies-antropologiese ondersoek na versoeningsrituele binne 'n Suider-Afrikaanse kultuurkonteks*. DTh Promotor: Dr JH Cilliers.

### Magister Iopend/Master's current

1. BRUINTJIES AJ. *Konflikhantering in huwelikspastoraat binne 'n multikulturele samelewingsverband*. MTh Studieleier: Prof DJ Louw.
2. BUYS BR. *Die tydigheid van taal as sleutel tot kerklike vernouing: 'n prakties-teologiese verkenning*. MTh Studieleier: Dr JH Cilliers.
3. JUN S. *Hope care to couples within the Korean culture*. MTh Studieleier: Prof DJ Louw.
4. SON CM. *Empirical research within a hermeneutical approach in practical theology*. MTh Studieleier: Prof DJ Louw.
5. TRUTER D. *The quest for a dispositional ethics in pastoral care*. MTh Studieleier: Prof DJ Louw.

## SISTEMATIESE TEOLOGIE EN EKKLESIOLOGIE / SYSTEMATIC THEOLOGY AND CHURCH HISTORY

### Tydskrifartikels/Journal articles

1. BRINK G. Archbishop Daniel James Augustine Kanyiles, a Khoi religious, political and cultural leader. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1&2): 6-19.
2. COERTZEN P. Kerkorde of Arbeidswet: die posisie van predikante en ander persone wat in die NG Kerk werk. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3&4): 248-257.
3. COERTZEN P. "Om reg te doen" – prosesse, prosedures en verskuldigde reg in die kerk. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1&2): 38-46.
4. COERTZEN P. The road of unity in the family of Dutch Reformed Churches in South Africa since 1994: a Dutch Reformed perspective. *Scriptura* 2003; **83**(2): 332-343.
5. COERTZEN P. Vryheid van Godsdienst en godsdienstonderrig op skool in Suid-Afrika. *Studia Historiae Ecclesiae* 2003; **XXVIX**(2): 109-128.
6. COERTZEN P, KROHN JB. Johan Calvin, "the theologian". *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3&4): 258-265.
7. FOURIE P. The SA Constitution and religious freedom: perverter or preserver of religion's contribution to the public debate on morality? *Scriptura* 2003; **82**(1): 94-107.
8. HASPEL M. Hermeneutical reconstruction and discourse ethics: a critical assessment of Francis Schuessler Fiorenza's concept of 'the church as a community of interpretation'. *Scriptura* 2003; **82**(1): 49-62.
9. HODNETT GD. The pneumatology of Paul Tillich and Arnold van Ruler. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3&4): 299-312.
10. KOOPMAN NN. The dis-(otherly)abled and public morality. *Scriptura* 2003; **82**(1): 72-81.
11. LE BRUYNS CC. Ecclesia de Eucharistia – on the criteria for intercommunion. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(3&4): 368-377.
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14. SMIT DJ. Oor roeping en arbeid in Protestantse etiek. *Skrif en Kerk* 2002; **23**(2): 481-501.
15. SMIT DJ. Openbare getuie en publieke teologie vandag? Vrae oor verskeie vanselfsprekende voorveronderstellings. *Scriptura* 2003; **82**(1): 39-48.

16. SMIT DJ. A time for confession? On the WARC project "Reformed Faith and Economic Justice". *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(2&3): 478-499.
17. SMIT DJ. Unity in church and society? Theological reflections on an ongoing challenge in South Africa today. *Scriptura* 2003; **83**(2): 305-314.
18. SMIT DJ, PAUW JC. "The conversation that we are" – Reflections on Ecumenical Hermeneutics. *South African Journal of Philosophy/Suid-Afrikaanse Tydskrif vir Wysbegeerte* 2003; **22**(1): 19-39.
19. VAN DE BEEK A. Elia en Judas. *Nederduitse Gereformeerde Teologiese Tydskrif* 2003; **44**(1&2): 171-184.
20. VOSLOO R. Public morality and the need for an ethos of hospitality. *Scriptura* 2003; **82**(1): 63-71.

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1. SMIT DJ. *On learning to see? A Reformed perspective on the church and the poor*. 5th Biennial International Academy of Practical Theology: Poverty, Suffering and HIV-AIDS: International Practical Theological Perspectives. Boland Kollege, Stellenbosch, South Africa, 2003: 15.

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2. COERTZEN P. *Die reg op reg in die Kerk*. WNC Studiedag. KU Leuven, Leuven, Belgium, 2003.
3. KOOPMAN NN. *From diverse and apart to diverse and together. A challenge of rehumanization*. Meeting of the Society for Student Councelling in SA, Samen op weg Kerken. Utrecht, Netherlands, 2003.
4. KOOPMAN NN. *How do church and theology engage with the democratic public sphere?* Lecture, Umea University. University of Umea, Sweden, 2003.
5. KOOPMAN NN. *On naming the present in South Africa*. Seminar: Modernism, Post-modernism and Globalization. Dalarna Universiteit, Dalarna, Sweden, 2003.
6. KOOPMAN NN. *Some remarks on public theology today*. Fakulteit Teologie, Universiteit Uppsala. Uppsala, Sweden, 2003.
7. KOOPMAN NN. *Ubuntu is not enough. In search of an anthropology for peaceful living*. International Reformed Theological Institute. Jakarta, Indonesia, 2003.
8. SMIT DJ. *Globalization: an orientation?* Beyers Naudé Conference. Stellenbosch University, Stellenbosch, South Africa, 2003.
9. SMIT DJ. *Unity in church and society?* International Symposium organised by Hamburg University. Stellenbosch University, Stellenbosch, South Africa, 2003.

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1. COERTZEN P. *Kerkorde of Arbeidswet*. Kerkregwerkgeneskap van Suid-Afrika. Universiteit van Stellenbosch, Stellenbosch, 2003.
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2. BLACK PA. *Impact study of the Cape Film Studio*. Dept of Economics, Stellenbosch University, 2003. 40 pp.
3. BLACK PA. *Impact study of the South Africa Mining Sector*. Dept of Economics, Stellenbosch University, 2003. 50 pp.
4. BURGER R. *Reasons for slow growth in Africa*. Dept of Economics, Stellenbosch University, 2003. 10 pp.
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1. BOOYSEN H. *An evaluation of the COBIT executive and management framework: a tool to assist directors in their duty to discharge responsibilities in terms of the King Report (2002) for B2B e-business risks*. MRek, 2003. 10 pp. Studieleier: Prof WH Boshoff.

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

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### **Tydskrifartikels/Journal articles**

1. CLOETE GS. Assessing governance with electronic policy management tools. *Public Performance and Management Review* 2003; **26**(3): 15.
2. CLOETE GS. Improving effective governance outcomes with electronic support tools. *Journal of Public Administration (SAAPAM; formerly SAIPA)* 2002; **37**(4): 15.
3. KEYTER CA, SCHWELLA E. A normative distance education management model for dual mode institutions. *Administratio Publica* 2003; **11**(2): 34.
4. MÜLLER JJ, DECADT L. Public participation in the environmental impact assessment process in South Africa. *Journal of Public Administration (SAAPAM; formerly SAIPA)* 2003; **38**(3): 15.

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1. CLAASSEN PE. *Does long-term planning play a role in the search for the holy grail of environmental management?* Co-operative Governance in Southern Africa: The Search for the Holy Grail. International Association for Impact Assessment (SA Affiliate) Annual National Conference. Wilderness, 2003: 12.

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1. CLOETE GS. *Assessing sustainability in developing countries: work in progress in South Africa*. International Institute of Administrative Sciences, Second Regional International Conference. Yaounde, Cameroon, 2003.
2. CLOETE GS. *Web-based teaching and electronic management support tools*. Annual Conference of the American Society of Public Administration. Washington DC, USA, 2003.
3. MACKINTOSH GS, DELPORT E, UYS FM. *Regulatory governance and the South African water sector: safe drinking water – a dream for all or a reality for a few*. 9th International Wineland's Conference. Stellenbosch, South Africa, 2003.
4. MÜLLER JJ, UYS FM. *"Amanzi ayimpilo" (water is life): regulatory governance of the water sector*. International Conference on Challenges to Development: Innovation and Change in Regulation and Competition. Manila, Philippines, 2003.
5. MUYONJO FN, THERON F. *Addressing social exclusion in Bloekombos. a South African case study in poverty alleviation*. International Institute of Administrative Sciences, Second Regional International Conference. Yaounde, Cameroon, 2003.
6. PIETERSE E, VAN DONK M, SWILLING M. *State, civil society and capacity building for poverty eradication in South Africa*. 9th International Wineland's Conference. Stellenbosch, South Africa, 2003.

7. SCHWELLA E. *Drops to drink: regulatory reform in the South African water sector*. 9th International Wineland's Conference. Stellenbosch, South Africa, 2003.
8. SCHWELLA E. *Issue paper: regulation and competition in South Africa*. Trade and Industry Policy Secretariat International Conference. Johannesburg, South Africa, 2003.
9. SCHWELLA E. *Local government leadership: context, challenges and competencies*. Jaarvergadering Nederlandse Genootschap voor Burgemeesters. Nijmegen, Netherlands, 2003.
10. SCHWELLA E. *Visions on governance for the 21st century and the role of public leadership*. Centre for Public Leadership, Themabijeenkomst over Publiek Leiderschap. Den Hague, Netherlands, 2003.
11. SCHWELLA E. *Water regulation in South Africa: a research agenda*. Trade and Industry Policy Secretariat International Conference. Johannesburg, South Africa, 2003.
12. SWILLING M. *Building social enterprises for sustainability: a South African case study*. Grameen-Ashoka International Dialogue Program. Dhaka, Bangladesh, 2003.

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1. SWILLING M. *Opportunities and challenges for green procurement in South Africa – the role of local government*. City Energy Strategies Conference. Cape Town, 2003.

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1. CLOETE GS. *Strategic management support technologies in the public sector*. SUN ePress, a Division of AFRICAN SUN MeDIA, Stellenbosch, South Africa, 2003. 140 pp.

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1. ABEBE WOLDE M. *Public policy-making and development management in Ethiopia*. PhD Promotor: Prof GS Cloete.
2. CLARKE DG. *Map literacy in South Africa and its implications for development planning*. PhD Promotor: Prof GS Cloete.

3. GELDENHUYS L. *Geïntegreerde risikobestuur – 'n bestuursmeganisme vir verhoogde effektiwiteit in die openbare sektor*. PhD Promotor: Dr FM Uys.
4. GEMANDZE BJ. *Rethinking public management policy and practice in francophone sub-Saharan Africa: case study of Cameroon*. PhD Promotor: Prof E Schwella.
5. GOUSSARD-DU TOIT C. *The implementation of the national human resource development strategy in the Western Cape Government Departments: a case study*. PhD Promotor: Prof GS Cloete.
6. HENKIN SMM. *Managing knowledge in the dynamic environment of South African local government reform*. PhD Promotor/medepromotor: Prof APJ Burger/prof B Fouche.
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8. KAHN SB. *Managing the South African National Defence Force towards productivity*. PhD Promotor: Prof APJ Burger.
9. KRITZINGER DJ. *The implementation of water regulation policy in South Africa: a management capacity analysis at central government level*. PhD Promotor: Prof E Schwella.
10. MANONA WW. *Impact of health, water and sanitation services in improving the quality of life of poor communities*. PhD Promotor: Prof GS Cloete.
11. MINNIE JA. *Critical success factors for public service delivery partnerships in South Africa*. PhD Promotor/medepromotor: Prof APJ Burger/prof JJ Müller.
12. MOODLEY G. *The post-Apartheid South African government's discourse on information and communication technologies (ICT's) for development*. PhD Promotor: Prof GS Cloete.
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15. PELESANE OC. *Policy strategies for the sustainable development of farmworkers in the Gauteng, North West and Northern Provinces*. PhD Promotor: Prof GS Cloete.
16. ROSSOUW NJ. *Improving strategic environmental assessment (SEA) in South Africa: lessons from the theory and practice of public policy processes*. PhD Promotor/medepromotor: Prof GS Cloete/prof T O'Riordan.
17. WEAVER BS. *Management capacity building in the South African Police Service*. PhD Promotor: Prof E Schwella.

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1. BOONZAAIER JJ. *Centralisation versus decentralisation of the organisation development function within the Western Cape Provincial Administration*. MPA, 2003. 82 pp. Studieleier: Prof E Schwella.
2. BOSCH JH. *Omgewingsvolhoubaarheid met ontwikkeling*. MA, 2003. 96 pp. Studieleier: Prof JJ Müller.
3. CELE CGN. *The human resources capacity of the Endumeni Municipality as a developmental local government institution*. MPA, 2003. 145 pp. Studieleier: Prof E Schwella.
4. DUBE T. *An evaluation of the extent to which the national skills development strategy has been implemented by a private sector company – the case of Anglo Gold Ltd*. MPA, 2003. 99 pp. Studieleier: Prof JJ Müller.
5. HAILEMICAEL AREY O. *Assessing the level of efficiency and effectiveness of tax administration in Eritrea*. MPA, 2003. 124 pp. Studieleier: Prof APJ Burger.
6. KAFIDI WN. *Strategic options for trade unions in the Namibian Police Service*. MPA, 2003. 92 pp. Studieleier: Prof JJ Müller.
7. KREUSER RG. *'n Generiese menslike hulpbron-organisasiestruktuur vir geselekteerde departemente binne die Wes-Kaap Provinsiale Administrasie*. MPA, 2003. 108 pp. Studieleier: Me BS Weaver.
8. LUYIRIKA EBK. *The implementation of the National HIV/AIDS Policy in the Vhembe District*. MPA, 2003. 97 pp. Studieleier: Prof GS Cloete.

9. MANYAGA LA. *Privatisation of technical services within South African universities with specific reference to Vista University, Welkom Campus*. MPA, 2003. 104 pp. Studieleier: Prof E Schwella.
10. MEHRETEAB MEASHO D. *Customs administration reform and modernisation in Eritrea*. MPA, 2003. 181 pp. Studieleier: Prof APJ Burger.
11. MOTSONI NF. *The evaluation of world vision's area development programme in Lesotho: the case of Taung*. MPA, 2003. 117 pp. Studieleier: Mnr F Theron.
12. MTHEMBU HN. *The impact of the community-based public works programme of the Departement of Public Works in Groutville*. MPA, 2003. 87 pp. Studieleier: Mnr F Theron.
13. REZELMAN RJ. *The constitutional fairness of discriminating against HIV-positive uniform members of the South African Navy from attending the Naval Officer's Course*. MPA, 2003. 146 pp. Studieleier: Me BS Weaver.
14. SMIT B. *Development of a normative framework for analysing the training needs of local government managers in south africa regarding the implementation of performance management systems*. MA, 2003. 109 pp. Studieleier: Prof E Schwella.
15. VAN HUYSTSTEEN P. *Foreign policy and peacekeeping: an assessment of Operation Boleas*. MPA, 2003. 109 pp. Studieleier: Prof GS Cloete.
16. VISSER AJ. *Community policing as a crime prevention strategy for the Cape Town City Police*. MA, 2003. 194 pp. Studieleier: Me BS Weaver.

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1. ACKRON JC. *A review of emergent good practice approaches to business support with specific reference to generic implications for local government*. MA Studieleier: Prof E Schwella.
2. BARNES LR. *A legislative framework for integrating disabled persons into the public sector of South Africa*. MPA Studieleier: Prof GS Cloete.
3. BASUDEW A. *A transformation of the South African Army and the impact on personnel in KwaZulu-Natal*. MPA Studieleier/medestudieleier: Dr JL Jansen van Rensburg/dr FM Uys.
4. BURGER HL. *'n Gedesentraliseerde model vir operasionele dienslewering in die Stad Kaapstad*. MPA Studieleier: Prof E Schwella.
5. CHAKA RK. *The effects of centralisation on recruitment and selection: a comparison*. MPA Studieleier: Me BS Weaver.
6. CORNELISSEN DD. *Service delivery improvement in the WCED: a total quality management approach*. MPA Studieleier: Prof E Schwella.
7. DAVEY J. *Assessing public participation strategies in low-income housing: a Mamre Housing Project*. MA Studieleier: Mnr F Theron.
8. DAVIDS JWR. *Community-based arts for human development*. MA Studieleier: Mnr F Theron.
9. DE BEER JA. *An investigation into the financial management capacity of six regional hospitals in the Western Cape*. MPA Studieleier: Prof APJ Burger.
10. DE KOCK RT. *Diversiteitsbestuur binne die Universiteit van Stellenbosch*. MAdmin Studieleier: Dr FM Uys.
11. DYASI LA. *The possible effects of fiscal decentralisation on developmental local government in South Africa*. MPA Studieleier: Prof APJ Burger.
12. FOURIE DM. *The Department of Social Service's poverty relief programme: a programme evaluation*. MPA Studieleier: Prof APJ Burger.
13. FREYSEN JAJ. *Die bemagtiging van landelike inwoners in die Wes-Kaap deur grond-hervorming*. MPA Studieleier: Dr FM Uys.
14. GQADA D. *The effects of organisational culture on service delivery in the South African Police Service*. MPA Studieleier: Me BS Weaver.
15. HAILE GEBREMEDHIN S. *Public participation in community development in Eritrea: assessment of a water supply project in a sub-region*. MPA Studieleier: Mnr F Theron.
16. ISAACS DN. *An evaluation of the implementation of local economic development in the city of Cape Town*. MA Studieleier: Prof APJ Burger.

17. JOSEPHUS DA. *An assessment of the emotional intelligence of senior managers in local government in the Western Cape: an approach to improving service-delivery.* MPA Studieleier: Me BS Weaver.
18. KRAUSE B. *Performance appraisals at the South African Police Service, Parow.* MPA Studieleier: Me BS Weaver.
19. MADIBA ML. *Introducing performance-related pay in the Lesotho civil service.* MPA Studieleier: Me BS Weaver.
20. MANDEAN SB. *A model for effective change management in the Department of Correctional Services: a case study of Malmesbury Correctional Centre.* MPA Studieleier: Dr FM Uys.
21. MANUELS AC. *Performance appraisal within the Blaauwberg Administration Housing Division.* MPA Studieleier: Dr FM Uys.
22. MORKEL JdeV. *Die ontstaan, groei en stedelike morfologie van vroeë nedersettings in die Wes-Kaap.* MS&S Studieleier: Prof CT Welch.
23. MOUTON LM. *Communication for public participation: a case study designing a communication strategy facilitating and promoting improved public participation in the West Coast District municipal area.* MA Studieleier: Prof APJ Burger.
24. MOZOMA DD. *Agricultural development and sustainability: land bank's support to its loan recipients in Dingleyvale.* MPA Studieleier: Mnr F Theron.
25. NGWENZE SS. *Structural transformation of the health care system in South Africa.* MPA Studieleier: Prof GS Cloete.
26. NKABINDE JE. *Designing an effective performance management system for the parliamentary staff service.* MPA Studieleier: Mnr F Theron.
27. NZAMA MV. *Skills development act implementation in provincial training departments.* MPA Studieleier: Mnr F Theron.
28. PRINS HF. *Development of an individual performance management tool for professional nurses in the community health service of Overberg District Municipality.* MPA Studieleier: Prof E Schwella.
29. QUNTA BM. *Exploratory study investigating the use of the balance scorecard in financial management in the Eastern Cape Legislature.* MPA Studieleier: Prof APJ Burger.
30. RABIE J. *Technological tools for e-government: the application of CORVU in public sector organisation.* MA Studieleier: Prof GS Cloete.
31. REYNDERS JJ. *Career management of Defence Act Personnel in the SA Navy to enhance organisational effectiveness.* MPA Studieleier: Me BS Weaver.
32. ROSSOUW NJ. *The performance management and development system for the senior management (SMS) in the public service: does it strengthen leadership in senior managers?* MPA Studieleier: Prof E Schwella.
33. SAHLE HABTEMICAEL F. *Operations research and electronic decision support systems in the Eritrean public sector.* MPA Studieleier: Prof GS Cloete.
34. VAN SCHOOR JJ. *A high performance bulk water division in the city of Cape Town by means of a balanced score card.* MPA Studieleier: Prof APJ Burger.
35. VILJOEN I. *An evaluation of project centres as an approach to improve service delivery in the South African Police Service.* MPA Studieleier: Me BS Weaver.
36. WHITING C. *An assessment of the methods used in the identification of trainees as part of the implementation of the city of Cape Town's workplace skills plan (3): a case-study of the Department of Internal Audit.* MA Studieleier: Me BS Weaver.
37. WILLIAMS F-E. *Information management for development.* MA Studieleier: Mnr F Theron.
38. WILLIAMS PD. *The development of a corporate governance process risk management model for the city of Cape Town (CCT).* MPA Studieleier: Prof APJ Burger.
39. XALI N. *Community participation in a housing development project: the case of Boystown informal settlement.* MPA Studieleier: Mnr F Theron.



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

**Tydskrifartikels/Journal articles**

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2. DE VILLIERS JU, HAMMAN WD, JOUBERT C, LE ROUX NJ. Earnings per share and cash flow per share as determinants of share value: tests of significance using the bootstrap with Demsetz's method. *Journal for Studies in Economics and Econometrics* 2003; **27**(1): 95-125.
3. ERASMUS PD, LE ROUX NJ, GARDNER S, LAMBRECHTS IJ. The evaluation of traditional and value-added measures of capital intensity. *Bestuursdinamika: Kontemporêre Navorsing/Management Dynamics: Contemporary Research* 2003; **12**: 12-23.
4. HUGO CJ, SEIER J, MDHLULI C, DANIELS WMU, HARVEY BH, DU TOIT DF, WOLFE-COOTE S, NEL DG, STEIN DJ. Fluoxetine decreases stereotypic behaviour in primates. *Progress in Neuro-Psychopharmacology and Biological Psychiatry* 2003; **27**: 639-643.
5. LE ROUX NJ, GARDNER S, OLIVIER P. Biplots for displaying multidimensional financial performance data graphically. *SA Journal of Accounting Research (formerly: De Ratione)* 2003; **17**(1): 41-64.
6. WURZ S, LE ROUX NJ, GARDNER S, DEACON HJ. Discriminating between the end products of the earlier Middle Stone Age sub-stages at Klasies River using biplot methodology. *Journal of Archaeological Science* 2003; **30**: 1107-1126.

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1. GARDNER S, LE ROUX NJ. *Discriminant analysis with categorical variables: a biplot based approach*. 26th Annual Conference of the Gesellschaft für Klassifikation e.V. Universität Mannheim, Mannheim, Germany, 2003: 30-38.
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2. GARDNER S, LE ROUX NJ. *Exploring differences and overlap between Middle Stone Age artefacts using multiple correspondence analysis and biplot methodology*. CARME 2003: Correspondence Analysis and Related Methods. Barcelona, Spain, 2003.

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1. BERNING TL, SEGERS J, BEIRLANT J. *Large quantile estimation with the perturbed pareto distribution*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
2. DE WET T. *Statistics of the fifties*. Annual Conference of the South African Statistical Association. Gauteng, 2003.

3. GARDNER S, LE ROUX NJ. *Application of biplotology in the two-class discriminant analysis problem*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
4. HECHTER T, STEEL SJ. *Application of support vector machines in a life assurance environment*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
5. KIDD M, BOTHMA A. *Regression in the face of high multicollinearity: a comparison of various statistical and IA techniques*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
6. KROON RS, OMLIN CW. *Bounding generalisation of support vector machines*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
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8. LE ROUX NJ, GARDNER S. *Biplotology for comparing archaeological artefacts from different sites*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
9. LOUW N, STEEL SJ. *Kernel Fisher discriminant analysis*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
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12. MOSTERT PJ, ROUX JJ, BEKKER A. *Empirical Bayes shrinkage estimation of the lifetime parameters in the Rayleigh model*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
13. MULLER CJB. *Statistical genetics: the basics*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
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15. UYS DW, STEEL SJ. *Influential data cases when the C-p criterion is used for variable selection in multiple linear regression*. Annual Conference of the South African Statistical Association. Gauteng, 2003.
16. VAN VELDEN DP, MANSVELT EPG, WOLMARANS P, FOURIE E, NEL DG, MARAIS AD, BLACKHURST DM. *The influence of a Mediterranean-like diet with and without red wine on the criteria related to the metabolic syndrome*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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1. JANKOWITZ M. *The application of LULU smoothers to financial time series*. PhD Promotor: Prof WJ Conradie.
2. RANGANAI E. *Aspects of forecasting in time series using SSA*. PhD Promotor: Prof T de Wet.

**Magister Iopend/Master's current**

1. HECHTER T. *A comparison of support vector machines and traditional techniques for statistical regression and classification: an empirical study*. MComm Studieleier: Prof SJ Steel.
2. MULLER M. *A random-effects pattern-mixture model for missing binary response data in a clustered longitudinal study*. MSc Studieleier: Prof WJ Conradie.

**BURO VIR EKONOMIESE ONDERSOEK /  
BUREAU FOR ECONOMIC RESEARCH**
**Tydskrifartikels/Journal articles**

1. ELLIS LL, SMIT BW, LAUBSCHER P. The macro-economic impact of HIV/AIDS in South Africa. *Journal for Studies in Economics and Econometrics* 2003; **27**(2): 29.

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1. LAUBSCHER P. *The value of two survey-based indicators in South Africa: the RMB/BER business confidence index and the Investec BER PMI*. Joint European Commission-OECD Workshop on International Development of Business and Consumer Tendency Surveys. Brussels, Belgium, 2003.
2. LAUBSCHER P, KERSHOFF GJ. *Business and consumer surveys in South Africa: current research activities, development work and plans for change*. Joint European Commission-OECD Workshop on International Development of Business and Consumer Tendency Surveys. Brussels, Belgium, 2003.

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4. SMIT BW. *Macro-economic implications of the budget*. The 2003 Budget – Economic Prospects. Stellenbosch, 2003.
5. SMIT BW. *The medium-term outlook for the South African economy*. The South African Economy: Medium-Term Prospects. Sandton, Johannesburg, 2003.
6. SMIT BW. *The South African macro-economic outlook*. The South African Economy – Challenges and Prospects. Bellville, 2003.
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**Navorsingsverslae/Research reports**

1. ELLIS LL. *Retail survey*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003; **18**(1): 56 pp.
2. ELLIS LL. *Retail survey*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003; **18**(2): 58 pp.
3. ELLIS LL. *Retail survey*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003; **18**(3): 58 pp.

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5. ELLIS LL. *Sectoral scan beverage industry*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003: 34 pp.
6. ELLIS LL, THERON NM. *Economic report: acquisition of International Chemical Corporation (Proprietary) Limited by Longridge (Proprietary) Limited*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003: 37 pp.
7. ELLIS LL, THERON NM. *Economic report: merger between Protector Group Holdings (Proprietary) Limited and Du Toit & Slabbert (Proprietary) Limited and Slabbert & Du Toit (Proprietary) Limited*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003: 140 pp.
8. KERSHOFF GJ. *Business confidence declined further during 2003Q1*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003: 7 pp.
9. KERSHOFF GJ. *Business confidence deteriorated during 2003Q2*. Buro vir Ekonomiese Ondersoek, Universiteit van Stellenbosch, 2003: 8 pp.
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77. ROSSOUW JS. *Aanpasbare beheer*. MScIng Studieleier: Mnr J Treurnicht.
78. RUST JSW. *An FPGA radar signal processing unit*. MScIng Studieleier: Dr MM Blanckenberg.
79. SCHUTTE AN. *'n Mikroverwerker-beheerde on-onderbreekbare kragbron met 'n bi-direksionele Gs-Gs omsetter*. MScIng Studieleiers: Mnr P-J Randewijk en dr HJ Beukes.
80. SCHWARDT WH. *Insulator pollution monitoring at a coastal site, and prediction of pollution severity*. MSc (Ingwet) Studieleiers: Drr HJ Vermeulen, JP Holtzhausen en mnr WL Vosloo.
81. SEABE PS. *Space link simulation*. MSc (Ingwet) Studieleier: Dr S Mostert.
82. SIBANDE SE. *Design and performance evaluation of reluctance synchronous machine drive with permanent magnet assisted reluctance rotor*. MScIng Studieleier: Prof MJ Kamper.
83. SICKEL T. *Wideband x-band limiter*. MScIng Studieleiers: Proff P Meyer en PW van der Walt.
84. SINDLE TG. *Visible regime imager for the geological stratigraphy of rock masses with borehole access*. MScIng Studieleiers: Proff JH Cloete, IM Mason en KD Palmer.
85. SKINNER RE. *Moon sensor for satellite application*. MScIng Studieleier: Mnr J Treurnicht.
86. SMIT WA. *Rekenaarargitektuur*. MScIng Studieleier: Prof PJ Bakkes.
87. SMUTS M. *Sagteware modem vir 'n sagteware-gedefinieerde radio-projek*. MScIng Studieleiers: Prof JG Lourens en mnr G-J van Rooyen.
88. SNETLER LH. *RSFQ logiese bane*. MScIng Studieleiers: Prof WJ Perold en dr CJ Fourie.
89. SONGO ME. *Electrification of informal settlements: load models and technology options*. MScIng Studieleier: Prof R Herman.
90. STEGMANN JP. *PC-gebaseerde FM-sender (SDR projek)*. MScIng Studieleiers: Prof JG Lourens en mnr G-J van Rooyen.
91. THOMPSON R. *TCP/IP for satellite networks*. MSc (Ingwet) Studieleier: Dr S Mostert.
92. TSHIKALAHA TR. *Industrial bus based IR instrumentation area network*. MScIng Studieleiers: Prof JG Lourens en dr R Wolhuter.
93. VAN DAALEN CE. *Volledige ondersoek na 3-assige beheer van 'n satelliet deur middel van reaksiewiele en stuwars*. MScIng Studieleier: Mnr J Treurnicht.
94. VAN DEN DOOL R. *Embedded systems*. MScIng Studieleier: Dr S Mostert.
95. VAN DER MERWE BS. *Veeldoelige optiese ruimtesensor*. MScIng Studieleier: Prof GW Milne.
96. VAN DER MERWE JW. *Ontwikkeling van 'n drywings elektroniese kragbron geskik vir hoogs nie-liniêre laste*. MScIng Studieleier: Prof H du T Mouton.
97. VAN DER WALT SJ. *Pattern recognition and geological classification of hard rock borehole cores using electronic imaging*. MScIng Studieleiers: Proff JH Cloete en KD Palmer.
98. VAN DER WESTHUIZEN JD. *Verspreide krag opwekking [distributed generation]*. MScIng Studieleier: Dr HJ Beukes.
99. VAN GREUNEN CE. *Beheer van 'n hoogspanning aktiewe filter*. MScIng Studieleier: Prof H du T Mouton.
100. VAN NIEKERK R. *Beheerlogika vir CCD*. MScIng Studieleier: Prof PJ Bakkes.
101. VAN SCHALKWYK D. *Verspreide prosesbeheernetwerk*. MScIng Studieleier: Prof JJ du Plessis.
102. VAN TONDER HP. *Verspreide satelliet beheer netwerk*. MScIng Studieleier: Dr S Mostert.
103. VISAGIE AS. *Limited domain speech synthesis for Xhosa and South African English*. MScIng Studieleier: Prof JA du Preez.

104. VISSER SWJ. *Radio planning tools*. MScIng Studieleier: Prof JG Lourens.
105. VON HOESSLIN N. *Telekommunikasie beheerstelsels*. MScIng Studieleier: Prof PJ Bakkes.
106. VOSLOO JJ. *Small satellite mass memory design*. MScIng Studieleier: Dr MM Blanckenberg.
107. WIID PG. *Metrology and EMC*. MScIng Studieleier: Prof HC Reader.
108. WINTER PA. *Indoor positioning system for an automated guided robot*. MScIng Studieleier: Prof JB de Swardt.
109. WOOD CF. *Multispektrale video sensor*. MScIng Studieleier: Mnr J Treurnicht.

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

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14. VON BACKSTRÖM TW, BERNHARDT A, GANNON AJ. Pressure drop in solar power plant chimneys. *Journal of Solar Energy Engineering – Transactions of the ASME* 2003; **125**: 165-169.
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2. COETZEE CJ, ELS DNJ. *Modelling excavator bucket filling with DEM*. 5th World Congress on Computational Mechanics. Vienna, Austria, 2002: 1-10.
3. DIMITROV D, KOCHAN D, HARMS TM. *Rapid prototyping driven mould design and realisation*. 36th CIRP International Seminar on Manufacturing Systems. Saarland University, Saarbrücken, Germany, 2003: 555-559.
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10. STEYN J, VAN DER WESTHUIZEN K. *Design of a bearingless rotor hub for the 24% scale model of the Rooivalk attack helicopter*. 4th International Conference on Composite Science and Technology, Centre for Composite and Smart Materials and Structures (CCSMS). Durban, South Africa, 2003: 270-275.
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14. VON BACKSTRÖM TW, KIRSTEIN CF, PILLAY LA. *The influence of some secondary effects on solar chimney power plant performance*. International Solar Energy Society (ISES), Solar World Congress. Göteborg, Sweden, 2003: 6.
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1. TAYLOR AB. *"Full service supply" can the South African automotive industry deliver?* 4th Annual International Conference on Rapid Product Development. Port Elizabeth, South Africa, 2003.

## Doktoraal afgehandel/Doctoral completed

1. KLOPPERS C. *A critical evaluation and refinement of the performance prediction of wet-cooling towers.* PhD, 2003. 368 pp. Promotor: Prof DG Kröger.

## Doktoraal lopend/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 Promotor: Prof AH Basson.
6. GOUSSARD CL. *Life-cycle cost analysis of moulding processes.* PhD Promotor: Prof AH Basson.
7. HEISE R. *Implementation of a two-stream fan in the CIRSTEL system.* PhD Promotor: Prof TW von Backström.
8. LIU Y. *An integrated distributed design support system based on DiDeas.* PhD Promotor: Prof AH Basson.
9. ROOS TH. *Design of a low-cost solar collector system for integration with a recuperated gas turbine engine for distributed power generation.* PhD Promotor: Dr TM Harms.
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.

## Magister afgehandel/Master's completed

1. MARAIS AL. *Aerodynamic characteristics of a mission-adaptive stealthy air inlet.* MScIng, 2003. 160 pp. Studieleier: Prof GD Thiar.
2. SCOWBY ST. *Thermal management and control of electric motors and generators using heat pipes.* MScIng, 2003. 148 pp. Studieleier: Mnr RT Dobson.
3. VAN DER WESTHUIZEN HJ. *Computational and experimental investigation of chamber design and combustion process interaction in a spark ignition engine.* MScIng, 2003. 198 pp. Studieleier/medestudieleier: Dr TM Harms/dr AB Taylor.
4. WEYER RB. *Investigation of the functioning of a liquified-gas micro-satellite propulsion system.* MScIng, 2003. 201 pp. Studieleier: Mnr RT Dobson.

## Magister lopend/Master's current

1. BESTER W. *Strategy for the control of a low-cost turbo charged petrol engine to achieve optimum driveability.* MScIng Studieleier: Dr AB Taylor.
2. BLAINE DC. *Theoretical and experimental investigation of enhanced heat transfer surfaces.* MIng Studieleier: Prof DG Kröger.
3. BOTHA J. *An investigation of human dorsiflexion range.* MScIng Studieleier: Mnr RT Dobson.
4. BREDELL JR. *Numerical analysis of fan performance in an air-cooled condenser subjected to crosswinds.* MScIng Studieleier: Prof DG Kröger.
5. BROOKS MJ. *Design, construction and performance of a parabolic trough solar collector.* MScIng Studieleier: Dr TM Harms.

6. BURGER M. *The convection heat transfer of horizontal wetted surfaces*. MScIng Studieleier: Prof DG Kröger.
7. CENCELLI NA. *Design and analysis of stand-alone wind energy*. MScIng Studieleier: Prof TW von Backström.
8. CRONJE M. *Manufacturing process analysis: FCM analysis of welding*. MScIng Studieleier: Mnr K van der Westhuizen.
9. DEBESAY T. *Experimental verification of finite element analysis of a dynamically loaded semi-trailer*. MIngvwet Studieleier: Dr E Terblanche.
10. DU TOIT MJ. *Simulation of internal combustion engine crankshaft dynamics*. MIng Studieleier: Dr AB Taylor.
11. DYMOND JAD. *Finite element simulation of the Lomold process*. MScIng Studieleier: Prof AH Basson.
12. ESTERHUYSE BDW. *Water spray enhancement of air-cooled heat exchanger performance*. MScIng Studieleier: Prof DG Kröger.
13. GUNASELVAM J. *The use of seating systems to reduce whole body vibration exposure in the SA industry*. MScIng Studieleier: Prof JL van Niekerk.
14. HARRIS R. *A numerical analysis of the flow field above the solar chimney power plant*. MScIng Studieleier/medestudieleier: Dr TM Harms/prof DG Kröger.
15. HUSSELMAN M. *Modelling and verification of valve chain dynamics in engines*. MScIng Studieleier: Mnr K van der Westhuizen.
16. JORDAAN PWM. *Simulation and design of a steam supply system*. MIng Studieleier: Dr TM Harms.
17. KIRSTEIN CF. *Effect of inlet guide vane length and orientation on the flow in a solar chimney*. MScIng Studieleier: Prof TW von Backström.
18. LOUW NH. *Real-time full circuit driving simulation*. MScIng Studieleier: Dr AB Taylor.
19. MEYER A. *Development of a range of heat pipe (thermosyphon) heat recover heat exchangers*. MScIng Studieleier: Mnr RT Dobson.
20. MILNE BG. *Optimisation of vehicle control strategy for hybrid electric vehicles*. MScIng Studieleier: Dr AB Taylor.
21. MOMBERG JJ. *Engine management for turbo-charged vehicles*. MScIng Studieleier/medestudieleier: Dr AB Taylor/prof TW von Backström.
22. PIENAAR SW. *Development of model based control strategies for air-fuel ratio control of a turbocharged spark ignition engine*. MScIng Studieleier: Dr AB Taylor.
23. POTGIETER J. *Thermo-economic analysis of a french fries processing plant at Lamberts-bay*. MScIng Studieleier: Dr TM Harms.
24. PRETORIUS J. *Solar tower power plant performance characteristics*. MScIng Studieleier/medestudieleier: Prof DG Kröger/prof TW von Backström.
25. ROODT HF. *Ontwikkelling van 'n digitale servo-beheerstelsel*. MScIng Studieleier: Dr E Terblanche.
26. ROUX JK. *CFD analysis of a water cooling jacket*. MIng Studieleier: Dr TM Harms.
27. SMITH GR. *Development of a 70 K pulse tube cryocooler*. MScIng Studieleier: Mnr RT Dobson.
28. THOMAS KD. *Performance prediction method of axial compresses*. MScIng Studieleier: Prof TW von Backström.
29. VAN DER MERWE JC. *Computation of flow through torque converter stages*. MIng Studieleier: Prof TW von Backström.
30. VAN DER WESTHUIZEN A. *The verification of seat effective amplitude transmissibility (SEAT) values as a reliable metric to evaluate dynamic seat comfort*. MScIng Studieleier: Prof JL van Niekerk.
31. VISAGIE JG. *Stability and control characteristics of model helicopters*. MScIng Studieleier: Dr DvW Pienaar.
32. WADE AD. *Investigation of road rumble in a light utility vehicle*. MScIng Studieleier: Prof JL van Niekerk.

33. WESTDYK D. *Die invloed van evaporasie op die kwaliteit van lug wat deur 'n "kweekhuis" vloei*. MScIng Studieleier: Prof DG Kröger.
34. WIPPLINGER KPM. *Utilising a high pressure, cross flow, stainless steel fintube heat exchanger for direct steam generation from recovered waste heat*. MScIng Studieleier: Dr TM Harms.

**PROSESINGENIEURSWESE**  
**(waarby ingesluit die Sentrum vir Prosesingenieurswese) /**  
**PROCESS ENGINEERING**  
**(including the Centre for Process Engineering)**

### Tydskrifartikels/Journal articles

1. ALDRICH C, BARKHUIZEN M. Classification of process dynamics with Monte Carlo singular spectrum analysis. *Journal of the South African Institute of Mining and Metallurgy* 2003; **103**(2): 127-137.
2. ALDRICH C, BARKHUIZEN M. Process system identification strategies based on the use of singular spectrum analysis. *Minerals Engineering* 2003; **16**: 815-826.
3. CRAUSE JC, NIEUWOUDT I. Paraffin wax fractionation: state of the art vs supercritical fluid fractionation. *The Journal of Supercritical Fluids* 2003; **27**: 39-54.
4. JEMWA GT, ALDRICH C. Non-linear system identification of an autocatalytic reactor using least squares support vector machines. *Journal of the South African Institute of Mining and Metallurgy* 2003; **103**(2): 119-125.
5. KLEINGELD AW, ROSS VE, LORENZEN L. A topographical map of the innovation landscape. *The Innovation Journal* 2003; **8**(4): 20.
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7. PETERSEN KRP, LORENZEN L, AMANDALE DJ, KORNELIUS N. The use of neural network analysis of diagnostic leaching data in gold liberation modelling. *Journal of the South African Institute of Mining and Metallurgy* 2003; **103**(2): 113-118.
8. PROVIS JL, VAN DEVENTER JSJ, RADEMAN JAM, LORENZEN L. A kinetic model for the acid-oxygen pressure leaching of Ni-Cu matte. *Hydrometallurgy* 2003; **70**: 83-99.
9. QI B, ALDRICH C. Effect of ultrasonic treatment on zinc removal from hydroxide precipitates by dissolved air flotation. *Minerals Engineering* 2003; **15**(21): 1105-1111.
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11. QI B, WOLFAARDT GM, ALDRICH C, LORENZEN L. Methanogenic digestion of lignocellulose residues under conditions of high-rate acidogenic fermentation. *Industrial & Engineering Chemistry Research* 2003; **42**: 1845-1849.
12. SCHWARZ CE, NIEUWOUDT I. Phase equilibrium of propane and alkanes, Part I: experimental procedures, dotriacontane equilibrium and EOS modelling. *The Journal of Supercritical Fluids* 2003; **27**: 133-144.
13. SCHWARZ CE, NIEUWOUDT I. Phase equilibrium of propane and alkanes, Part II: hexatriacontane through hexacontane. *The Journal of Supercritical Fluids* 2003; **27**: 145-156.
14. VAN DEVENTER JSJ, FENG D, PETERSEN KRP, ALDRICH C. Modelling of hydrocyclone performance based on spray profile analysis. *International Journal of Mineral Processing* 2003; **70**: 183-203.

15. VAN DYK LD, MIACHON S, LORENZEN L, TORRES M, FIATY K, DALMON J-A. Comparison of microporous MFI and dense Pd membrane performances in an extractor-type CMR. *Catalysis Today* 2003; **82**: 167-177.

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

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2. ALDRICH C, BARKHUIZEN M. *Analysis of process dynamics with Monte Carlo singular spectrum analysis*. Proceedings of the 1st African Control Conference (AFCON). University's Breakwater Campus, Cape Town, South Africa, 2003: 285-290.
3. BARNARD JP, ALDRICH C. *Diagnostic monitoring of internal combustion engines by use of independent component analysis and neural networks*. International Joint Conference on Neural Networks. Portland, Oregon, USA, 2003: 869-872.
4. BARTIE N, EKSTEEN JJ. *The effect of temperature, oxygen potential and slag chemistry on the stability of chromium spinels in melter slags in the base metals industry*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 1364-1369.
5. BRADSHAW SM, CHOW TING CHAN TV, KINGMAN S, JACKSON K, ROWSON N, GREENWOOD R. *Microwave assisted comminution of ores at economically viable energy inputs. Microwave and radio frequency applications*. Proceedings of the Third World Congress on Microwave and Radio Frequency Applications. Sydney, Australia, 2003: 10 pp.
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8. CONRADIE AVE, BASCUR O, ALDRICH C, NIEUWOUDT I. *Integrated comminution and flotation neurocontrol using evolutionary reinforcement learning*. 31st International Symposium on Application of Computers and Operations Research in the Minerals Industries (APCOM). Cape Town, South Africa, 2003: 209-215.
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11. EKSTEEN JJ, REUTER MA. *A generic approach to the development of semi-empirical predictive models for bath-type furnaces*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 1406-1415.
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17. JEMWA GT, ALDRICH C. *Identification of chaotic process systems with least squares support vector machines*. International Joint Conference on Neural Networks. Portland, Oregon, USA, 2003: 2066-2071.
18. KINGMAN S, WHITTLES D, JACKSON K, MILES N, BRADSHAW SM. *Application of high electric field strength microwave energy for processing ores and minerals*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 327-335.
19. KLEINGELD AW, ROSS VE, LORENZEN L. *A topographical map of the innovation landscape*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 517-525.
20. KOEN L, NIEUWOUDT I. *Wax micronisation*. 6th International Symposium on Supercritical Fluids (ISASF). Versailles, France, 2003: 1871-1876.
21. PELSERS M, EKSTEEN JJ, LORENZEN L, ALDRICH C. *The control of calcium and magnesium in a base metal sulphate leach solution*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 1240-1248.
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25. SCHEEPERS E, EKSTEEN JJ, ALDRICH C. *A one dimensional quasi-steady state model for the desulphurisation injection process at Saldanha Steel*. XXII International Mineral Processing Congress (IMPC). Cape Town, South Africa, 2003: 1448-1457.
26. SCHWARZ CE, NIEUWOUDT I. *Purification of wax additives*. 6th International Symposium on Supercritical Fluids (ISASF). Versailles, France, 2003: 493-498.
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28. VAN ZYL HD, LORENZEN L. *The application of biopiling to bioremediate diesel contaminated soil*. International Symposium – Advances in Waste Management and Recycling. Dundee, Scotland, UK, 2003: 7 pp.

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25. VAN DER WALT SC. *Berg River sediment dynamics*. MScIng Studieleier: Prof GR Basson.
26. VAN DER WALT SJ. *Reliability analysis of loads on crane support structures*. MScIng Studieleier: Prof JV Retief.
27. VAN DYK C. *Structural concrete hyperstructure integrity (with special emphasis on time-dependent behaviour under environmental actions like wind, thermal and hygral action)*. MScIng Studieleier: Prof GPAG van Zijl.
28. VILJOEN AJ. *Ingenieursbestuur: public private partnerships*. MScIng Studieleier: Mnr A du T Malan.
29. VOGEL L. *Die oorsake van ongelukke met verwysing na die R44*. MScIng Studieleier: Prof CJ Bester.
30. WILLEMSE GE. *Steel connection design*. MScIng Studieleier: Prof PE Dunaiski PE.

## TOEGEPASTE WISKUNDE / APPLIED MATHEMATICS

### Tydskrifartikels/Journal articles

1. DE VILLIERS JM, GOOSEN KM, HERBST BM. Dubuc-deslauriers subdivision for finite sequences and interpolation wavelets on an interval. *SIAM Journal on Mathematical Analysis* 2003; **35**(2): 423-452.

2. FOURIE JG, DU PLESSIS JP. A two-equation model for heat conduction in porous media I: theory. *Transport in Porous Media* 2003; **53**: 145-161.
3. FOURIE JG, DU PLESSIS JP. A two-equation model for heat conduction in porous media II: application. *Transport in Porous Media* 2003; **53**: 163-174.
4. WEIDEMAN JAC. Computing the dynamics of complex singularities of non-linear PDEs. *SIAM Journal on Applied Dynamical Systems* 2003; **2**(2): 171-186.

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

5. GROVES GW, LE ROUX J, VAN VUUREN JH. *A new routing and scheduling problem in transportation networks*. INFORMS Annual Meeting. Atlanta, USA, 2003.
6. WEIDEMAN JAC. *Pseudospectral methods for differential equations: an introduction*. 5th International Congress on Industrial and Applied Mathematics. Sydney, Australia, 2003.

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

1. BENECKE S, GROBLER PJP, VAN VUUREN JH. *Higher order domination – past, present and future*. 46th Annual Congress of the South African Mathematical Society. University of the Witwatersrand, Johannesburg, 2003.
2. BOTHA HJ, VAN VUUREN JH. *Using genetic algorithms to break a block cipher*. 46th Annual Congress of the South African Mathematical Society. University of the Witwatersrand, Johannesburg, 2003.
3. BRINK WH. *Fourier vormbeskrywing. (Fourier shape description)*. Student Symposium in Natural Sciences. University of the Free State, Bloemfontein, 2003.
4. COLEMAN DJ, LE ROUX J, NIEUWOUDT I, VAN VUUREN JH. *Job shop scheduling case study, Part II: scheduling with simulation and neural networks*. National Conference of the Operations Research Society of South Africa. Pretoria, 2003.
5. LOUW MJ, NIEUWOUDT I, VAN VUUREN JH. *Job shop scheduling case study, Part I: the layout problem*. National Conference of the Operations Research Society of South Africa. Pretoria, 2003.
6. MARITZ MF. *The 3x3 rotation matrix – a simple derivation and some properties*. 27th Annual Conference of the South African Society for Numerical and Applied Mathematics. University of Stellenbosch, Stellenbosch, 2003.
7. NTENE N, VAN VUUREN JH. *Packing the maximum number of MXN tiles in a large PXQ rectangle*. National Conference of the Operations Research Society of South Africa. Pretoria, 2003.
8. ORTMANN FG, VAN DYK E, VAN VUUREN JH. *Modelling infrastructure capacity in the South African fruit industry*. National Conference of the Operations Research Society of South Africa. Pretoria, 2003.
9. TERBLANCHE L. *Morfologiese seebodem veranderinge. (On seabed morphological changes)*. Student Symposium in Natural Sciences. University of the Free State, Bloemfontein, 2003.
10. WEIDEMAN JAC. *DMSUITE: a Matlab package for solving differential equations with the spectral collocation method*. 46th Annual Congress of the South African Mathematical Society. University of the Witwatersrand, Johannesburg, 2003.
11. WEIDEMAN JAC. *Padé approximations to the logarithm*. 27th Annual Conference of the South African Society for Numerical and Applied Mathematics. University of Stellenbosch, Stellenbosch, 2003.

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

1. BERJAK SG. *Security evaluation of an advanced operational secret-key communication system*. PhD, 2003. 218 pp. Promotor: Prof JH van Vuuren.

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

1. COETZER J. *Offline signature verification*. PhD Promotor: Prof BM Herbst.

2. GRÜNDLINGH WR. *Two new combinatorial problems involving dominating sets for lottery schemes*. PhD Promotor: Prof JH van Vuuren.
3. MAGAIA LL. *The 3D reconstruction of facial images from streams of video images*. PhD Promotor: Prof BM Herbst.
4. NIEUWOUDT I. *Maximal degree chromatic numbers for multipartite graphs*. PhD Promotor: Prof JH van Vuuren.
5. NTENE N. *Algorithmic approaches to the 2D cutting problem and the 3D packing problem*. PhD Promotor: Prof JH van Vuuren.
6. THERON WFD. *Analysis of the rolling motion of loaded wheels*. PhD Promotor: Dr MF Maritz.
7. VAN ROOYEN R. *Personal identification based on physical features in a smartroom environment*. PhD Promotor: Prof BM Herbst.

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1. HUDDLESTONE GE. *Implementation and evaluation of two prediction techniques for the Lorenz time series*. MSc, 2003. 63 pp. Studieleier: Dr MF Maritz.
2. LLOYD CA. *Hydrodynamic permeability of staggered and non-staggered regular arrays of squares*. MSc (Ingwet), 2003. 121 pp. Studieleier: Prof JP du Plessis.
3. ROBSON G. *Multiple outlier detection and cluster analysis of multivariate normal data*. MSc (Ingwet), 2003. 141 pp. Studieleier: Prof BM Herbst.

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

1. BENECKE S. *Higher order domination in graphs*. MSc Studieleier: Prof JH van Vuuren.
2. BLACK CD. *Optimal inventory control in cardboard box producing factories: a case study*. MSc (Ingwet) Studieleier: Prof JH van Vuuren.
3. BOTHA HJ. *Cryptanalysis of an advanced operational stream cipher*. MSc Studieleier: Prof JH van Vuuren.
4. COLEMAN DJ. *Scheduling tasks in a generalised job shop using computer simulation and neural networks*. MSc Studieleier: Prof JH van Vuuren.
5. LOUW MJ. *Design of an automated decision support system for scheduling tasks in a generalized job shop*. MSc Studieleier: Mev I Nieuwoudt.
6. MULLER R. *Image compression using wavelets*. MSc Studieleier: Mej KM Goosen.
7. ORTMANN FG. *Optimal supply chain management in the South African fresh fruit industry*. MSc Studieleier: Prof JH van Vuuren.
8. PANTLAND NA. *3D numerical techniques for determining the foot of a continental shelf*. MSc Studieleier: Prof JH van Vuuren.
9. TOME LD. *The development of an integrated effectiveness/vulnerability model for aerial targets*. MSc (Ingwet) Studieleier: Dr GJF Smit.
10. VAN DER MERWE A. *Computer simulation of a patient positioning system*. MSc (Ingwet) Studieleier: Dr NL Muller.
11. VAN HEERDEN J. *Detecting fraud in cellular telephone networks*. MSc Studieleier: Prof JH van Vuuren.
12. WINTERBACH W. *The crossing number of a graph in the plane*. MSc Studieleier: Prof JH van Vuuren.





**FAKULTEIT  
GESONDHEIDS-  
WETENSCHAPPE**

**FACULTY OF  
MEDICAL SCIENCE**

# SKOOL VIR AANVULLENDE GESONDHEIDSWETENSKAPPE / SCHOOL OF ALLIED HEALTH SCIENCES

## FISIOTERAPIE / PHYSIOTHERAPY

### Tydskrifartikels/Journal articles

1. BARDIN LD. Physiotherapy and low back pain – Part II: outcomes research utilising the biopsychosocial model: biological outcomes. *South African Journal of Physiotherapy* 2002; **58**(4): 19.
2. BARDIN LD. Physiotherapy and low back pain – Part III: outcomes research utilising the biopsychosocial model: psychosocial outcomes. *South African Journal of Physiotherapy* 2003; **59**(2): 16-24.
3. SMIT E, CONRADIE M, WESSELS J, WITBOOI I, OTTO R. Measurement of the magnitude of force applied by students when learning a mobilisation technique. *South African Journal of Physiotherapy* 2003; **59**(4): 3-8.
4. TERBLANCHE E, CLOETE WA, DU PLESSIS PAL, SADIE JN, STRAUSS A, UNGER M. The metabolic transition speed between backward walking and running. *European Journal of Applied Physiology and Occupational Physiology* 2003; **90**: 520-525.
5. VAN DER BIJL P, VAN EYK AD, SEIFART HI, DE JAGER R, NEL CMM. Diffusion of Diclofenac and Piroxicam from commercially available gels through human skin. *South African Journal of Physiotherapy* 2003; **59**(3): 3-6.

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1. BAWOODIEN A, DE VILLIERS MR, METHAR S, BESTER R. *Experiences of students during first rural rotation at the University of Stellenbosch, South Africa*. The Network Towards Unity for Health (TUFH). Newcastle, Australia, 2003.
2. KROFF J, CLOETE WA, DU PLESSIS PAL, SADIE JN, STRAUSS A, UNGER M, TERBLANCHE E. *The metabolic transition speed between backward walking and running*. 50th Annual Meeting of the American College of Sports Medicine. Moscone Center, San Francisco, USA, 2003.
3. VAN DER BIJL P, VAN EYK AD, SEIFART HI, JOOSTE M, VILJOEN I. *Transmucosal permeation of topically applied Diclofenac and Piroxicam*. 81st General Session and Exhibition of the IADR and 2nd Meeting of the Pan European Federation. Svenska Mässan, Göteborg, Sweden, 2003.

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2. FAURE MR, RIDGE E, VAN DER WALT C. *A feature of the landscape: proficiency in situated language*. SA Applied Linguistics/Linguists' Society SA. RAU, Johannesburg, 2003.
3. TERBLANCHE E, KROFF J, UNGER M. *The metabolic transition speed between backward walking and running*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

<b>MENSLIKE VOEDING / HUMAN NUTRITION</b>
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**Tydskrifartikels/Journal articles**

1. HERSELMAN MG. Protein and energy requirements in patients with acute renal failure on continuous renal replacement therapy. Editorial. *Nutrition: The International Journal of Applied and Basic Nutritional Sciences* 2003; **19**(9): 813-815.
2. LABADARIOS D. The question of micronutrient supplements. Editorial comment. *Current Opinion in Clinical Nutrition and Metabolic Care* 2003; **6**: 645-648.
3. MAMMAS IN, BERTSIAS GK, LINARDAKIS M, TZANAKIS NE, LABADARIOS D, KAFATOS AG. Cigarette smoking, alcohol consumption, and serum lipid profile among medical students in Greece. *European Journal of Public Health* 2003; **13**(3): 278-282.
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5. VISSER J. The dietary prevention of colorectal cancer. *Health and Hygiene* 2003; **14**(7): 5-32.

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1. LABADARIOS D, MAUNDER E, STEYN NP, MACINTYRE U, SWART R, GERICKE G, NESAMVUNI E, HUSKISSON J, VORSTER HH, DANNHAUSER A. *National food consumption survey in children aged 1-9 years: South Africa 1999*. International Congress of Nutrition 2001. Basel, Switzerland, 2003: 106-109.

**Referate internasionaal/Papers international**

1. MARAIS D, HERSELMAN MG, LABADARIOS D. *Distance education: masters in nutrition programme*. IT in Higher Education Congress. Marrakech, Morocco, 2003.

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1. LABADARIOS D. *Early enteral feeding: guidelines for practice*. 9th Biennial Congress of the South African Society for Parenteral and Enteral Nutrition. Sandton, 2003.
2. LABADARIOS D. *Nutrition support of the obese critically ill patient*. 9th Biennial Congress of the South African Society for Parenteral and Enteral Nutrition. Sandton, 2003.
3. VISSER J. *The dietary prevention of colorectal cancer*. South African Digestive Diseases Week Congress (41st Annual Congress of the SA Gastroenterology Society). Sandton, 2003.

**Hoofstukke in boeke/Chapters in books**

1. STEYN NP, LABADARIOS D. Nutrition policy implementation. In: Ijumba P, Ntuli A, Barron P, (eds). *South African Health Review 2002*. Health Systems Trust, Durban, South Africa, 2003: 22 pp.

**Doktoraal Iopend/Doctoral current**

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

**Magister afgehandel/Master's completed**

1. BEUKES RA. *Growth patterns of infants from birth to twelve months in relation to feeding practices*. MVoeding, 2003. 216 pp. Studieleier/medestudieleier: prof D Labadarios/prof G Kirsten.
2. BUX F. *Eating patterns of indian pre-school children aged 3-5 years in Howick West (KwaZulu-Natal)*. MVoeding, 2003. 43 pp. Studieleier/medestudieleier: Prof D Labadarios/prof MG Herselman.

3. JOUBERT P. *Production of enteral feeds: manual vs mechanised vs "ready to hang"*. MVoeding, 2003. 191 pp. Studieleier/medestudieleier: Prof D Labadarios/dr R Blaauw.
4. KENNEDY R. *The effects of a micronutrient, glutamine, pre- and probiotic enriched food supplement on the nutritional status and immunity of adults living with HIV/AIDS: a pilot study*. MVoeding, 2003. 97 pp. Studieleier/medestudieleier: Prof D Labadarios/mev J Visser.
5. PHOOKO P. *Nutritional factors associated with oral lesions in HIV disease and TB infection*. MVoeding, 2003. 154 pp. Studieleier/medestudieleier: Prof D Labadarios/dr R Blaauw.
6. ROBERTS T. *Actual nutrient composition of institutionalized tuberculosis patients, compared to that supplied and required by the patient*. MVoeding, 2003. 57 pp. Studieleier/medestudieleiers: Prof D Labadarios/prof MG Herselman en mev D Marais.
7. TSHITAUDZI G. *Nutritional status of pregnant adolescent women with special emphasis on iron and folic acid deficiencies*. MVoeding, 2003. 191 pp. Studieleier/medestudieleier: Prof D Labadarios/prof MG Herselman.

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

1. DE BEER A-M. *Selected feeding problems in childhood*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev D Marais.
2. DE VILLIERS E. *Additiewe – 'n kritiese literatuuroorsig om die algemene verbruiker in te lig*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev ML Marais.
3. EKSTEEN P. *Validity and reproducibility of plastic skinfold caliper measurements*. MVoeding Studieleier: Prof MG Herselman.
4. GOEIMAN H. *The use of the road to health chart in primary health care*. MVoeding Studieleier/medestudieleiers: Prof D Labadarios/prof MG Herselman MG en dr J Hugo.
5. HERBST C. *Dietary micronutrient intake of HIV+ and HIV- lactating mothers from three clinics in the Hlabisa District of North KwaZulu-Natal*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev J Visser.
6. KLINGER I. *The nutritional status of pregnant women in relation to alcohol consumption during pregnancy and pregnancy outcome*. MVoeding Studieleier/medestudieleiers: Prof D Labadarios/prof D Viljoen en mev D Marais.
7. KLOPPER T. *Review: the use of a supplemental drink with n-3 fatty acids added in patients with solid tumors*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/prof MG Herselman.
8. KRUGER JM. *Comparison of the efficacy and safety of acidified polymeric enteral formulas in tube fed patients in the surgical intensive care unit of Tygerberg Hospital*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/dr K Fourie.
9. OJWANG A. *The knowledge, attitudes and practices of medical practitioners on obesity and weight management in 3 urban centres in Kenya*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev J Visser.
10. RASEKHALA A. *Development of guidelines on food service administration and management*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev ML Marais.
11. ROBERTSON P. *Testing of the paediatric FBDG for infants: 0-6 months*. MVoeding Studieleier/medestudieleier: Mev D Marais/dr L Bourne.
12. VAN DER MERWE J. *A qualitative assessment of the preliminary food-based dietary guidelines for infants 6-12 months of age in the greater Oudtshoorn area*. MVoeding Studieleier/medestudieleier: Mev D Marais/dr L Bourne.
13. VAN STADEN W. *Voedsel etikettering: 'n Kritiese ontleding van navorsing en verwante literatuur, om die verband tussen die verbruiker se bewustheid van, en houding en toeganklikheid tot voedsel-etiket inligting en dieetverwante siektes, te ondersoek*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev ML Marais.
14. VAN WYK E. *Are there any nutritional and immunological benefits of feeding pasteurized expressed human milk to HIV positive premature infants?* MVoeding Studieleier/medestudieleier: Prof G Kirsten/prof D Labadarios.

15. VAN ZYL E. *Protein-energy supplementation practices in the elderly living in long-term units in the Cape Metropole*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/mev ML Marais.
16. VILJOEN I. *The influence of immigration to the USA on body weight: an investigation of a South African immigrant population in the greater Atlanta area*. MVoeding Studieleier: Prof D Labadarios.
17. VISSER J. *The micronutrient status and requirements of patients undergoing gastrointestinal surgery*. MVoeding Studieleier/medestudieleier: Prof D Labadarios/dr R Blaauw.

## SPRAAKTAAL- EN GEHOORTERAPIE / SPEECH LANGUAGE AND HEARING THERAPY

### Tydskrifartikels/Journal articles

1. MÜLLER AMU, WAGENFELD DJH. Cochlear implantation in children under two years and between two and three years: a comparative study. *Communiphon* 2003; (336): 4.
2. MÜLLER AMU, WAGENFELD DJH. Cochlear implants in South Africa. *ENT News* 2003; **12**(2): 6.
3. MÜLLER AMU, WAGENFELD DJH. Paediatric cochlear implantation. *CME* 2003; **21**(11): 5.

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1. MÜLLER AMU. *Cochlear implantation in children under two years and between two and three years: a comparative study*. Ninth Symposium on Cochlear Implantation in Children. Washington DC, USA, 2003.
2. MÜLLER AMU. *NRT stimulation rate and map rate effects*. Tenth NRT Research Workshop. Toulouse, France, 2003.
3. SWART SM. *Psycho-acoustic and phenomenologic correlates of exposure to highly amplified music in young adults*. Fifth Hearing International Scientific Conference. Beijing, China, 2003.
4. SWART SM. *Regional report on prevention of hearing impairment for South Africa*. Fifth Hearing International Scientific Conference. Beijing, China, 2003.

### Referate nasionaal/Papers national

1. KLOP D. *Dialogiese lees: 'n metode om sintaktiese komoleksiteit by voorskoolse kinders te verbeter*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.
2. MÜLLER AMU. *Cochlear implants in RSA: current status and recommended guidelines*. 39th ENT Congress. Sun City, Johannesburg, 2003.
3. STRYDOM HCC. *Employing the sensory system in retraining motor function in adult dysphagia*. International Sensory Integration Neurodevelopmental Therapy Congress. University of Stellenbosch, Tygerberg, 2003.

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

## ANATOMIE EN HISTOLOGIE / ANATOMY AND HISTOLOGY

### Tydskrifartikels/Journal articles

1. DU TOIT DF. Auriculo-temporal nerve. Clinico-pathological relevance to facial-maxillary practice. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(2): 62-63.
2. DU TOIT DF. The maxillae: integrated and applied anatomy relevant to dentistry. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(8): 325-330.
3. DU TOIT DF. *Nervus lingualis*: Applied anatomical relevance to dental practice and oral surgery. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(5): 207-212.
4. DU TOIT DF. Relevance of the pharyngotympanic tube. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(8): 335-337.
5. DU TOIT DF. The tongue: structure and function relevant to disease and oral health. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(9): 375-383.
6. HUGO CJ, SEIER J, MDHLULI C, DANIELS WMU, HARVEY BH, DU TOIT DF, WOLFE-COOTE S, NEL DG, STEIN DJ. Fluoxetine decreases stereotypic behaviour in primates. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2003; **27**: 639-643.
7. VORSTER W, STARCK JM. The anatomy of the middle ear of the Japanese crane *Grus japonensis*. *Journal of Morphology* 2003; **257**(3): 260-269.

### Referate internasionaal/Papers international

1. CHASE CC, GELDENHUYS KM, DEMPERS JJ, BEZUIDENHOUT J. *Milky spots in human cadavers*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
2. CHASE CC, VORSTER W, GELDENHUYS KM. *Accommodating English-speaking students at an Afrikaans university*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
3. DU TOIT DF, DE BEER JF, VAN ROOYEN K, PRITCHARD MG, MULLER CJF, VORSTER W, WILLIAMS RP, MATTYSEN J. *Coracoid surgery: neurovascular anatomical structures at risk*. SA Orthopaedics Congress. Cape Town, South Africa, 2003.
4. DU TOIT DF, ERASMUS L, VAN DER MERWE W, MULLER CJF, WILLIAMS RP, VORSTER W, MATTYSEN J. *ACL Reconstruction: anatomical controversies regarding femoral reconstruction attachment site*. SA Orthopaedics Congress. Cape Town, South Africa, 2003.
5. DU TOIT DF, PHILLIPS F, GROEN R, HOOGLAND PVJM, GROBBELAAR M, MATTYSEN J, MULLER CJF. *Anatomical relevance of vertebral venous system (VVS) to cement augmentation of osteoporotic vertebral compression fractures*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.

6. DU TOIT DF, SCHMIDT A, GELDENHUYS KM, WILLIAMS RP, MATTYSEN J, MULLER CJF, HEYNS CF, HOOGLAND PVJM. *Human male urethra: latex visualization of the cadaveric corpus spongiosum*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
7. GELDENHUYS KM, CHASE CC, DU TOIT DF. *Black spots on the parietal pleura of the human adult*. Dare to Care Conference. Cape Town, South Africa, 2003.
8. GELDENHUYS KM, CHASE CC, DU TOIT DF. *Milky spots in the human adult*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
9. GROBBELAAR M, MULLER CJF, LABUSCHAGNE BCJ, VORSTER W, DU TOIT DF, HOOGLAND PVJM, GROEN R. *The internal vertebral venous plexus of the human fetus: a microscopic study*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
10. GROBBELAAR M, MULLER CJF, LABUSCHAGNE BCJ, VORSTER W, DU TOIT DF, VAN SOLINGE G, VERHOOF O, HOOGLAND PVJM, GROEN R. *An anatomical description of the tentorial hiatus in Otocyon metalotis*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
11. GROBBELAAR M, MULLER CJF, LABUSCHAGNE BCJ, VORSTER W, DU TOIT DF, VAN SOLINGE G, VERHOOF O, HOOGLAND PVJM, GROEN R. *The internal vertebral venous plexus: a comparison between the human fetus and adult*. Working Conference/Mini-Symposium on the Vertebral Venous Plexus. Vrije Universiteit van Amsterdam, Amsterdam, Netherlands, 2003.
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13. HOOGLAND PVJM, GROBBELAAR M, MULLER CJF, LABUSCHAGNE BCJ, VORSTER W, DU TOIT DF, MATTYSEN J. *Selective vascular connections between brown fat areas and the vertebral venous plexus in the human fetus*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
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15. MULLER CJF, GELDENHUYS KM, DU TOIT DF, PAGE BJ, MATTYSEN J, LYNERS R. *Early endocrine development of transplanted foetal rat pancreata*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
16. PRITCHARD MG, DU TOIT DF, DE BEER JF, ROSSOUW S, VAN ROOYEN K, WILLIAMS RP, MULLER CJF. *Radiological assessment of bony glenoid defects in a cadaveric model*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
17. VORSTER W, HOOGLAND PVJM, GROBBELAAR M, LABUSCHAGNE BCJ, DU TOIT DF. *Comparative anatomy of the internal vertebral venous plexus (IVVP): different form different function*. Working Conference/Mini-Symposium on the Vertebral Venous Plexus. Vrije Universiteit van Amsterdam, Amsterdam, Netherlands, 2003.
18. VORSTER W, LABUSCHAGNE BCJ, DU TOIT DF, GROBBELAAR M, PAGE BJ, HOOGLAND PVJM, FEDDES K, POST J, MATTYSEN J, PARSONS N. *Anatomical aspects of the internal vertebral venous plexus (IVVP) in Phalacrocorax capensis*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.

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1. MULLER CJF, RUTTEN C, DU TOIT DF, PAGE BJ, LYNERS R. *Allogeneic foetal rat pancreatic transplantation in a tolerant laboratory diabetic rat model*. 31st Surgical Research Society Symposium. Pretoria, 2003.
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1. BATES WD, GRAY DWR, DADA MA, CHETTY R, GATTER KC, DAVIES DR, MORRIS PJ. Lymphoproliferative disorders in Oxford renal transplant recipients. *Journal of Clinical Pathology* 2003; **56**: 439-446.
2. DE KLERK A, BEZUIDENHOUT J, BOLLIGER CT. A young healthy woman presenting with acute meningitis and a large pleural-based mass. *Respiration* 2003; **70**: 655-657.
3. DIACON AH, VAN DE WAL BW, WYSER C, SMEDEMA JP, BEZUIDENHOUT J, BOLLIGER CT, WALZL G. Diagnostic tools in tuberculous pleurisy: a direct comparative study. *European Respiratory Journal* 2003; **22**(4): 589-591.
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1. DIACON AH, SCHUURMANS M, LOUW M, WRIGHT CA, BOLLIGER CT. *Practical value of rapid on-site evaluation of transbronchial needle aspirates*. European Respiratory Society Congress. Vienna, 2003; *European Respiratory Journal* 2003: 58.
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4. ELLIS T, MUKHEIBER P, VAN EEDEN NN, WRIGHT CA, BOLLIGER CT, DIACON AH. *Evaluation of a new diagnostic algorithm for superior vena cava obstruction syndrome: a prospective comparative study*. Dare to Care Congress. Cape Town, South Africa, 2003; *SA Respiratory Journal* 2003: 126.
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4. ELLIS T, MUKHEIBER P, VAN EEDEN PC, WRIGHT C, BOLLIGER CT, DIACON AH. *Evaluation of a new diagnostic algorithm for superior vena cava obstruction syndrome – a prospective comparative study*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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13. SCHUURMANS M, DIACON AH, LOUW M, HARRIS D, WRIGHT CA, BOLLIGER CT. *Ultrathin bronchoscope (UB) versus standard-size bronchoscope (SB) in the assessment of solitary pulmonary nodules (SPN): a randomised pilot trial*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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10. VAN RENSBURG SJ, ERASMUS RT, HON D, ROOS A. *Serum iron and homocysteine concentrations in patients with oesophageal cancer*. Oesophageal Cancer Research Consortium Conference. Club Mykonos, West Coast, 2003.
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**Referate nasionaal/Papers national**

1. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, SEIFART HI, VAN DE WAL BW, WERELY CJ, VAN HELDEN PD, MARITZ JS, MITCHISON DA. *The influence of the NAT2 acetyltransferase genotype and phenotype on the early bactericidal activity (EBA) of isoniazid (INH)*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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5. SERAFIN AM, BÖHM ELJF. *The influence of P53 and BCL-2 on chemosensitivity in benign and malignant prostate cell lines*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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12. VAN EYK AD, VAN DER BIJL P. *Comparative permeabilities of human and porcine mucosae*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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**Magister Iopend/Master's current**

1. VILJOEN I. *Effect of a synthetic surfactant on the permeability of various mucosal membranes to drugs.* MScGeneeskWet Studieleier: Prof P van der Bijl.

**GENEESKUNDIGE BIOCHEMIE**  
**(waarby ingesluit die Sentrum vir Molekulêre en Sellulêre Biologie) /**  
**MEDICAL BIOCHEMISTRY**  
**(including the Centre for Molecular and Cellular Biology)**

**Tydskrifartikels/Journal articles**

1. ADAMS CH, WERELY CJ, VICTOR TC, HOAL EG, ROSSOUW GJ, VAN HELDEN PD. Allele frequencies for Glutathione S-Transferase and N-Acetyltransferase to differ in African population groups and may be associated with oesophageal cancer or tuberculosis incidence. *Clinical Chemistry and Laboratory Medicine* 2003; **41**(4): 600-605.
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### **Patente/Patents**

1. GEY VAN PITTIUS NC, WARREN RM, VAN HELDEN PD. *Bacterial secretion system and uses therefore*. Patent No. 2003/4250, South Africa, 2003.

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

1. ADAMS JFA. *Immune responses in a community with a high incidence of tuberculosis*. PhD Promotor: Prof PD van Helden.
2. ARIEFF Z. *The search for a PFHBI gene: refining the target area and identification and analysis of candidate gene transcripts*. PhD Promotor: Prof VA Corfield.
3. DE LANGE WJ. *An investigation of myosin binding protein C mutations in South Africa and a search for ligands binding to myosin binding protein C*. PhD Promotor: Prof VA Corfield.
4. FERNANDEZ P. *A candidate and novel gene search to identify the PFHBI-causative gene*. PhD Promotor: Prof VA Corfield.
5. HEMMINGS SMJ. *Investigating the molecular aetiology of obsessive-compulsive disorder (OCD) and clinically defined subsets of OCD*. PhD Promotor/medepromotors: Prof DJ Stein/proff VA Corfield en dr JC Moolman-Smook.
6. KINNEAR CJ. *Molecular genetic strategies to identify OCD and Schizophrenia candidate genes in South African sub-population groups*. PhD Promotor/medepromotors: Dr JC Moolman-Smook/proff RA Emsley en VA Corfield.
7. NEL HJ. *Influences of helminth infections on the immune responses against tuberculosis*. PhD Promotor: Prof G Walzl.
8. PHEIFFER C. *Tuberculosis serology*. PhD Promotor: Prof PD van Helden.
9. RICHARDSON M. *The characterization of M.tuberculosis strain families in a molecular epidemiology study of a community with a high incidence of tuberculosis*. PhD Promotor/medepromotors: Dr RM Warren/proff PD van Helden en N Beyers.
10. ROBERTS T. *The characterization of immune suppressive responses during Mycobacterium tuberculosis infection*. PhD Promotor: Prof G Walzl.
11. SHOLTO-DOUGLAS-VERNON C. *Characterization of the mycobacterial N-acetyltransferase*. PhD Promotor/medepromotor: Prof PD van Helden/proff TC Victor.
12. VEENSTRA H. *The investigation of peripheral blood cellular immune responses during infection with Mycobacterium tuberculosis*. PhD Promotor: Prof G Walzl.
13. WERELY CJ. *TB pharmacogenetics*. PhD Promotor: Prof PD van Helden.

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

1. BOWERS DA. *Immune responses in TB patients of different ages after therapy*. MScGeneeskWet, 2003. 148 pp. Studieleier: Prof PD van Helden.

### Magister Iopend/Master's current

1. BARNARD D. *Nucleotide sequence variation and expression levels of critical genes associated with cancer of the upper gastro-intestinal tract*. MScGeneeskWet Studieleier/medestudieleier: Prof TC Victor/prof PD van Helden.
2. BOTHA J. *The regulation and function of the ESAT-6 gene cluster operons of Mycobacterium tuberculosis*. MScGeneeskWet Studieleier/medestudieleier: Dr NC Gey van Pittius/dr RM Warren.
3. HAYWARD D. *Structural and functional analysis of glutamine synthetase in M. tuberculosis*. MScGeneeskWet Studieleier/medestudieleier: Dr IJF Wiid/dr RM Warren.
4. MOODLEY P. *An investigation of the genetic diversity of F. ventriculosus in the Transkei*. MScGeneeskWet Studieleier: Dr IJF Wiid.
5. ROOS T. *Genetic susceptibility to tuberculosis: the role of SP-D oligomers*. MSc GeneeskWet Studieleier: Dr EG Hoal-van Helden.
6. STREICHER EM. *Spoligotyping: a tool for phenotypic and genotypic differentiation of Mycobacterium tuberculosis strains*. MScGeneeskWet Studieleier/medestudieleier: Prof TC Victor/dr RM Warren.
7. YAKO YY. *Bio-informatic based strategies to identify PFHBI-causing and HCM-causing and/or modifying genes*. MScGeneeskWet Studieleier/medestudieleier: Prof VA Corfield/dr JC Moolman-Smook.

## GENEESKUNDIGE FISIOLOGIE / MEDICAL PHYSIOLOGY

### Tydskrifartikels/Journal articles

1. DIACON AH, SCHUURMANS M, COLESKY F, BOLLIGER CT. Paraneoplastic bilateral proptosis in a case of non-small cell lung cancer. *Chest* 2003; **123**: 627-629.
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### **Verrigtinge internasionaal/Proceedings international**

1. DU TOIT EF, ROSSOUW E, OPIE LH, LOCHNER A. *Sildenafil (Viagra) pretreatment improves post-ischaemic function of the isolated working rat heart*. Basic Research in Cardiology. International Society for Heart Research, Strasbourg, France, 2003: 187.
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### **Verrigtinge nasionaal/Proceedings national**

1. DU TOIT EF, NABBEN M, MOOLMAN JA, LOCHNER A. *A pathophysiological role for angiotensin II in myocardial ischaemia/reperfusion injury in a rat model of obesity*. *Cardiovascular Journal of South Africa* 2003: 270-271.
2. HUISAMEN B, VAN WYK JMW, MARAIS E, LOCHNER A. *Apoptosis in type 2 diabetic heart*. *Journal of Endocrinology, Metabolism and Diabetes of South Africa* 2003: 36.

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

1. DANIELS WMU, PIETERSEN CY, CARSTENS ME, STEIN DJ. *Early life traumatic events impact negatively on behaviour later in life*. 6th Biennial Conference of the Society of Neuroscientists of Africa. Abuja, Nigeria, 2003.

2. DANIELS WMU, RICHTER L, HARVEY BH, STEIN DJ. *Deermice as an animal model of obsessive compulsive disorder*. 6th IBRO World Congress of Neuroscience. Prague, Czech Republic, 2003.
3. DU PLESSIS SS, FRANKEN DR, BALDI E, LUCONI M. *PI3K inhibition enhances sperm motility and binding*. Annual Scientific Meeting of the Fertility Society of Australia. Perth, Australia, 2003.
4. ESTERHUISE AJ, DU TOIT EF, VAN ROOYEN J. *A protective role for dietary red palm oil against ischaemia/reperfusion injury*. Proceedings of Food Technology and Nutrition Conference. International Palm Oil Congress. Putrajaya, Malaysia, 2003.
5. HUISAMEN B, LOCHNER A, WEBSTER I. *Does GLP-1 protect the isolated heart?* Society for Heart and Vascular Metabolism. Freiburg, Germany, 2003.
6. KROFF J, CLOETE WA, DU PLESSIS PAL, SADIE JN, STRAUSS A, UNGER M, TERBLANCHE E. *The metabolic transition speed between backward walking and running*. 50th Annual Meeting of the American College of Sports Medicine. San Francisco, USA, 2003.
7. LOCHNER A, MARAIS E, MOOLMAN JA. *The temporal relationship between p38 MAPK and HSP27 activation in ischaemic preconditioning*. Scientific Conference on the Molecular Mechanisms of Growth, Death and Regeneration of the Myocardium. Salt Lake City, Utah, USA, 2003.
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9. TERBLANCHE E, PAGE C, KROFF J. *The relationship between maximal exercise capacity and time trial performance in canoeists*. 50th Annual Meeting of the American College of Sports Medicine. San Francisco, USA, 2003.

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1. BOTHA M, PETERSEN DC, JANSE VAN RENSBURG E. *The role of the mannose-binding lectin (MBL) gene in host susceptibility to HIV/AIDS in South Africa*. The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
2. DANIELS WMU, HENDRICKS J, SALIE R, VAN RENSBURG SJ. *A mechanism for zinc toxicity in neuroblastoma cells*. The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
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4. DANIELS WMU, PIETERSEN CY, CARSTENS ME, STEIN DJ. *Blunted ACTH response correlates with altered neurotransmitter function in maternally separated rats*. Psychopharmacology/Neurosciences 2003 Congress. Stellenbosch, 2003.
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6. DU PLESSIS SS, MURRAY GM, FRANKEN DR. *Evaluation of the multi-ZSC sperm fractioning system*. The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
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14. JANSEN VAN RENSBURG L, MYBURGH KH. *Field and laboratory performance in mountain bikers.* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
15. KROFF J, TERBLANCHE E. *Do the lungs benefit from regular high level endurance training?* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
16. KROFF J, VENTER R, TERBLANCHE E. *Does a six-week backward training program improve the general fitness level and physique of young woman?* 10th Biennial SASMA (South African Sports Medicine Association) Congress. Stellenbosch, 2003.
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22. MARAIS E, VAN WYK JMW, MOOLMAN JA, LOCHNER A. *The role of cyclic AMP response element binding protein, CREB, in ischaemic preconditioning.* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
23. MURRAY GM, FRANKEN DR, DU PLESSIS SS. *Investigating a possible relationship between acrosomal size and fertilization potential of human spermatozoa.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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25. PAGE C, VAN WYK H, BOUIC P, KROFF J, TERBLANCHE E. *The effect of Moducare supplementation on certain immunological parameters after high intensity cycling exercise.* 10th Biennial SASMA (South African Sports Medicine Association) Congress. Stellenbosch, 2003.
26. RICHTER L, DANIELS WMU, STEIN DJ. *The effect of chronic, intra-amygdala CRF injections on rat behaviour and HPA-axis function.* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
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33. TERBLANCHE E, KROFF J, JANSEN VAN RENSBURG L, PAGE C. *Clinical and high performance exercise testing.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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37. TERBLANCHE E, PAGE C, KROFF J. *To shout or not to shout.* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
38. UYS JDK, DANIELS WMU, STEIN DJ. *Characterising an animal model for early life trauma using time dependent sensitisation.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
39. WEBSTER I, HUISAMEN B, LOCHNER A. *The effects of AICAR and ZMP on insulin signalling pathways in the heart.* The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.

## Hoofstukke in boeke/Chapters in books

1. LOCHNER A, MARAIS E, GENADE SJ, HUISAMEN B, STRIJDOM H, MOOLMAN JA. Ischaemic and pharmacological preconditioning is associated with attenuation of p38 MAPK activation during sustained ischaemia and reperfusion. In: Dhalla NS, et al, (eds). *Myocardial Ischaemia and Preconditioning*. Kluwer Academic Publishers, Boston, USA, 2003: 24.

## Doktoraal lopend/Doctoral current

1. 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.
2. HATTINGH SM. *Isgemiese prekondisionering: 'n ondersoek na die bydrae (rol) van die streskinases en mitochondriale KATP kanale*. PhD Promotor: Prof A Lochner.
3. LOPES J. *An investigation of the effects of insulin in a model of low flow myocardial ischaemia*. PhD Promotor/medepromotors: Dr B Huisamen/prof A Lochner en dr J van Rooyen.
4. STRIJDOM H. *Die rol van stikstofoksied (NO) in die beskerming van die hart teen isgemie*. PhD Promotors: Proff A Lochner en JA Moolman.
5. UYS JDK. *A study of the effects of early life trauma on the behaviour and neurochemistry of the adult rat*. PhD Promotor/medepromotor: Prof WMU Daniels/prof DJ Stein.

## Magister afgehandel/Master's completed

1. ROSSOUW E. *The effect of androgenic anabolic steroids on the susceptibility of the rat heart to ischaemia and reperfusion*. MScGeneeskWet, 2003. 112 pp. Studieleier/medestudieleier: Dr EF du Toit/dr J van Rooyen.
2. SCHOEMAN J. *Violence against women – impact on reproductive health and pregnancy outcome*. MScGeneeskWet, 2003. 177 pp. Studieleier/medestudieleier: Dr SS du Plessis/prof HJ Odendaal.

## Magister lopend/Master's current

1. DAVIDS A. *The phenomenon of second window of protection: effects of beta-stimulation and melatonin*. MScGeneeskWet Studieleier/medestudieleier: Prof JA Moolman/prof A Lochner.
2. DE JONGH PS. *Flow cytometry to evaluate the human acrosome reaction induced by the zona pellucida*. MSc Studieleiers: Prof DR Franken en dr C Page.
3. KROFF J. *The relationship between upper body characteristics, respiratory muscle fatigue and kayak performance in competitive kayakers*. MScGeneeskWet Studieleier/medestudieleier: Dr E Terblanche/prof KH Myburgh.
4. MANGA-MANGUIYA S. *An investigation into the mechanism of insulin action on contractility in the isolated Langendorff perfused heart*. MSc Studieleier/medestudieleier: Dr J van Rooyen/dr B Huisamen.
5. MURRAY GM. *The role of acrosome size in fertilization potential*. MScGeneeskWet Studieleiers: Dr SS du Plessis en prof DR Franken.
6. OOSTHUIZEN ML. *The determination of expression of the growth factors IGFI and HGF and the corresponding receptors prior to duct cell proliferation, and the effects of a high fat diet on this expression*. MSc Studieleiers: Drr C Page en W Ferris.
7. RICHTER L. *The effect of the central administration of corticotropin releasing factor on the behaviour and neurochemistry of rats*. MScGeneeskWet Studieleier/medestudieleier: Prof WMU Daniels/prof DJ Stein.
8. ROOS A. *Validation of a rating scale for bedside cognitive assessment*. MSc Studieleier/medestudieleier: Prof WMU Daniels/dr FJ Hugo.
9. VAN VUUREN P. *An investigation into the relationship between corticosterone and intracellular calcium levels in neuron cultures: a mechanism leading to cell death*. MScGeneeskWet Studieleier/medestudieleier: Prof WMU Daniels/dr EF du Toit.

10. WEBSTER I. *The effects of AICAR and ZMP on myocardial glucose uptake in the rat heart*. MSc Studieleier/medestudieleier: Dr B Huisamen/prof A Lochner.

## GENEESKUNDIGE MIKROBIOLOGIE / MEDICAL MICROBIOLOGY

### Tydskrifartikels/Journal articles

1. BOUIC P. The immune system and nutritional supplements. *The South African Journal of Natural Medicine* 2003; **11**: 1 pp.
2. KOEGELEBERG CFN, DOUBELL AF, ORTH H, REUTER H. Infective endocarditis in the Western Cape Province of South Africa: a three-year prospective study. *Quarterly Journal of Medicine* 2003; **96**: 217-225.
3. LIEBOWITZ LD, SLABBERT MM, HUISAMEN A. National surveillance programme on susceptibility patterns of respiratory pathogens in South Africa: moxifloxacin compared with eight other antimicrobial agents. *Journal of Clinical Pathology* 2003; **56**: 344-347.

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1. PIENAAR C, CHALKLEY LJ, LIEBOWITZ LD. *Characterisation of phenotypes and genotypes of macrolide- and fluoroquinolone-resistant South African isolates of Streptococcus pneumoniae*. 23rd International Congress of Chemotherapy. Durban, South Africa, 2003.
2. ROBBERTS FJL, LIEBOWITZ LD, CHALKLEY LJ. *Sequence variation of the ITS1 - 5.8S - ITS2 RDNA Gene region of Pneumocystis jiroveci and typing of South African strains*. 8th International Workshop on Opportunistic Protists. Hilo, Hawaii, 2003.
3. WASSERMAN E. *The assessment doctor: a pilot study to evaluate the assessment of theoretical modules in a medical curriculum*. Fifteenth International Conference on Assessing Quality in Higher Education. University of the Western Cape, Cape Town, 2003.

### Referate nasionaal/Papers national

1. BARNES JM, SLABBERT MM, HAASBROEK PD, HUISAMEN A. *Monitoring Escherichia coli as indicator of faecal pollution of a river below a dense settlement – seasonal variation and correlation with chemistry and weather data*. Annual Congress of the South African Society for Veterinary Epidemiologists. Pretoria, 2003.
2. BARNES JM, SLABBERT MM, LIEBOWITZ L, HAASBROEK PD, HUISAMEN A. *Seasonal variation of faecal pollution in the Plankenbrug River using Escherichia coli as indicator organism – interpretational difficulties when assessing sanitation interventions*. Poster at the International Water Association Symposium. Cape Town, 2003.
3. BARNES JM, WASSERMAN E, SLABBERT MM. *Escherichia coli as an indicator of microbiological water quality in the Plankenbrug river – what other pathogens does it indicate?* Annual Congress of the South African Society for Veterinary Epidemiologists. Pretoria, 2003.
4. LIEBOWITZ LD. (1) *Pharmacokinetics and pharmacodynamics*. (2) *Susceptibility patterns of respiratory pathogens*. (3) *A four year global evaluation of the susceptibility of candida spp to fluconazole by disk diffusion*. Antimicrobial Resistance Congress. Durban, 2003.
5. PAGE C, VAN WYK H, BOUIC P, KROFF J, TERBLANCHE E. *The effect of Moducare supplementation on certain immunological parameters after high intensity cycling exercise*. 10th Biennial SASMA (South African Sports Medicine Association) Congress. Stellenbosch, 2003.

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1. LIEBOWITZ LD. Beta-lactam antimicrobial agents. In: Snyman J, (ed.). *Disease Review*. MIMS. Johnnic Publishing Limited, South Africa, 2003: 117.

2. LIEBOWITZ LD. Macrolides. In: Snyman J, (ed.). *Disease Review. MIMS*. Johnnic Publishing Limited, South Africa, 2003: 117.

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

1. COTTON MF. *The relevance of apoptosis in the pathogenesis of HIV disease*. PhD Promotor: Prof PJD Bouic.
2. LAMPRECHT J. *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 standaard fisioterapeutiese behandeling van spesifieke longpatologie*. PhD Promotor: Prof PJD Bouic.

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

1. KRIEK WJ. *An in vitro investigation of the anti-inflammatory and immuno-suppressive effects of the synthetic contraceptives Medroxyprogesterone acetate (MPA) and Norethisterone enanthate (NET-En)*. MSc Studieleier: Prof PJD Bouic.
2. ROBERTS FJL. *Antibiotic resistance and strain typing of Pneumocystis carinii*. MSc Studieleier: Prof LD Liebowitz.

<b>GENEESKUNDIGE VIROLOGIE / MEDICAL VIROLOGY</b>
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1. DE OLIVEIRA T, ENGELBRECHT S, JANSE VAN RENSBURG E, GORDON M, BISHOP K, ZUR MEGEDE J, BARNETT SW, CASSOL S. Variability at human immunodeficiency virus type 1 subtype C protease cleavage sites: an indication of viral fitness? *Journal of Virology* 2003; **77**(17): 9422-9430.
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3. GORDON M, DE OLIVEIRA T, BISHOP K, COOVADIA HM, MADURAI L, ENGELBRECHT S, JANSE VAN RENSBURG E, MOSAM A, SMITH A, CASSOL S. Molecular characteristics of human immunodeficiency virus type 1 subtype C viruses from KwaZulu-Natal, South Africa: implications for vaccine and antiretroviral control strategies. *Journal of Virology* 2003; **77**(4): 2587-2599.
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5. JOUBERT JJ, DE WAR JB, WEINBERG J, DE BEER M, PARKER JS, STEELE AD. A cost-effective particle agglutination assay to detect viral antibodies in dried blood spots – simple solution to HIV and HCV screening. *Central African Journal of Medicine* 2003; **49**(11/12): 127-130.

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2. BARNETT SW, SRIVASTAVA IR, STAMATATOS L, ZUR MEGEDE J, LIAN Y, OTTEN G, MONTEFIORI D, LEWIS M, ENGELBRECHT S, JANSE VAN RENSBURG E, WIDERA G, O'HAGAN D, POLO J, ULMER JB, DONNELLY JJ. *Next generation HIV DNA prime-protein boost vaccines induce potent and protective immune responses*. Keystone Symposia. Alberta, Canada, 2003.
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5. ENGELBRECHT S, LOXTON AG, TREURNICHT FK, SAMPSON CC, ROBSON BA, HOLZMAYER V, BODELLE P, BRENNAN CA, HACKETT J, JANSE VAN RENSBURG E. *The emergence of HIV-1 non-subtype C viruses and recombinants in South Africa*. AIDS Vaccine. New York, USA, 2003.
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14. VISMER HF, MARASAS WFO, RHEEDER JP, JOUBERT JJ. *Fusarium dimerum as a cause of human eye infections*. The 15th Congress of the International Society for Human and Animal Mycology. San Antonio, Texas, 2003.

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4. ENGELBRECHT S, ROBSON BA, TREURNICHT FK, SAMPSON CC, LATEN JD, JANSE VAN RENSBURG E. *Changing dynamics of the South African HIV-1 epidemic: 1984-2002*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
5. JANSE VAN RENSBURG E, SAMPSON CC, BRENNAN CA, HACKETT J, ENGELBRECHT S. *Comparison of the LCS (Abbott Laboratories) and Nuclisens (Biomérieux) HIV quantitative methods*. Medical Virology Congress of South Africa. Kruger National Park, Mpumalanga, 2003.
6. LOXTON AG, TREURNICHT FK, ENGELBRECHT S, JANSE VAN RENSBURG E, HAYES V. *Characterization of the near full-length HIV-1 subtype D isolates from the start of the epidemic in South Africa*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
7. PETERSEN D, LATEN JD, SCRIBA TJ, ZEIER MD, GRIMWOOD A, JANSE VAN RENSBURG E, HAYES V. *Single nucleotide polymorphic sites associated with specific HIV/AIDS risk-profiles in ethnically diverse population groups of South Africa*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
8. SCHNEIDER JW, MOOSA MR, JORDAAN HF, TREURNICHT FK, JANSE VAN RENSBURG E. *The spectrum of Kaposi's sarcoma in renal transplant patients*. Path Renaissance 2003. 43rd Conference of the Federation of South African Societies of Pathology. Faculty of Health Sciences, Wits Medical School, University of the Witwatersrand, Johannesburg, 2003.
9. SCHNEIDER JW, MOOSA MR, JORDAAN HF, TREURNICHT FK, JANSE VAN RENSBURG E. *The spectrum of Kaposi's sarcoma in renal transplant patients – a clinicopathological study with reference to human herpes virus type 8*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

**Doktoraal lopend/Doctoral current**

1. PETERSEN D. *Genetic aspects of HIV-1 disease risk in an African setting*. PhD Promotor: Dr RH Glashoff.

**Magister lopend/Master's current**

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. FIFF F. *Transfection of dendritic cells with plasmid DNA containing HIV-1C genes: effect of transfection methods on antigen processing and presentation to T. lymphocytes*. MScGeneeskWet Studieleier: Dr RH Glashoff.
3. KORSMAN SNJ. *Molecular epidemiology of MTCT of HIV-1 in children at Tygerberg Hospital who tested positive on HIV-1 gag PCR in 2000, 2001, and 2002*. MMed Studieleier: Dr GU van Zyl.
4. LOXTON AG. *Characterisation of new full-length subtype D viruses from South Africa*. MScGeneeskWet Studieleiers: Prof E Janse van Rensburg en dr S Engelbrecht.

5. VAN ZYL GU. *Development of a real-time qualitative RT-PCR assay for the diagnosis of HIV-1 subtype C infection in blood specimens of infants of HIV-positive mothers.* MMed Studieleier: Prof E Janse van Rensburg.

## GEREGTELIKE GENEESKUNDE / FORENSIC MEDICINE

### Tydskrifartikels/Journal articles

1. DU TOIT DF, VAN SCHALKWYK GD, WADEE SA, WARREN BL. Neurologic outcome after penetrating extracranial arterial trauma. *Journal of Vascular Surgery* 2003; **38**(2): 257-262.

### Referate internasionaal/Papers international

1. CHASE CC, GELDENHUYS KM, DEMPERS JJ, BEZUIDENHOUT J. *Milky spots in human cadavers.* 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.

## HEMATOLOGIESE PATOLOGIE / HAEMATOLOGICAL PATHOLOGY

### Tydskrifartikels/Journal articles

1. FINCHAM JE, MARKUS MB, ADAMS VJ, LOMBARD CJ, BENTWICH Z, MANSVELT EPG, DHANSAY MA, SCHOEMAN SE. Association of deworming with reduced eosinophilia: implications for HIV/AIDS and co-endemic diseases. *South African Journal of Science* 2003; **99**(3/4): 3.
2. HESSELING PB, BROADHEAD R, MOLYNEUX E, BORGSTEIN E, SCHNEIDER JW, LOUW M, MANSVELT EPG, WESSELS G. Malawi pilot study of Burkitt lymphoma treatment. *Medical and Pediatric Oncology* 2003; **41**: 532-540.
3. ROBERTSON M, DE JONG G, MANSVELT EPG. Prenatal diagnosis of congenital leukemia in a fetus at 25 weeks' gestation with Down syndrome: case report and review of literature. *Ultrasound Obstetric Gynecology* 2003; **21**: 486-489.
4. VAN VELDEN DP, MANSVELT EPG. South African dietary guidelines. *South African Journal of Clinical Nutrition* 2003; **16**(4): 2.
5. WOLMARANS P, DHANSAY MA, MANSVELT EPG, LAUBSCHER JA, BENADE AJS. Iron status of South African women working in a fruit-packing factory. *Public Health Nutrition* 2003; **6**(5): 439-445.

### Verrigtinge internasionaal/Proceedings international

1. HESSELING PB, BROADHEAD R, WRIGHT CA, BORGSTEIN E, MANSVELT EPG, WESSELS G, SCHNEIDER JW, LIE SO, MOLYNEUX E. *Burkitt's lymphoma (BL): good early response high frequency CPM and intrathecal MTX in Malawi.* SIOP XXXV Meeting. Cairo, Egypt, 2003: 268.

### Referate internasionaal/Papers international

1. VAN VELDEN DP, MANSVELT EPG, WOLMARANS P, FOURIE E, NEL DG, MARAIS AD, BLACKHURST DM. *The influence of a Mediterranean-like diet with and without red wine on the criteria related to the Metabolic Syndrom.* International Conference on Health Benefits of Mediterranean Diet Highlights on Cancer and Cardiovascular Diseases. Heraklion, Crete, Greece, 2003.

**Referate nasionaal/Papers national**

1. BLACKHURST DM, VAN VELDEN DP, MANSVELT EPG, MARAIS AD, FOURIE E, WOLMARANS P, LEVEY MJ. *The lipid peroxidation status of LDL after a Mediterranean-like diet with and without red wine*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
2. CLOETE H, KLEINHANS WF, MANSVELT EPG. *Can the erythroid sedimentation rate (ESR) or plasma viscosity (PV) predict disease progression or relapse in lymphoma patients?* 17th National Congress of the Society of Medical Laboratory Technologists of South Africa. Bloemfontein, 2003.
3. ELS A, MANSVELT EPG, DU PLESSIS MJ. *Evaluation and clinical correlations of bone marrow angiogenesis in childhood acute lymphoblastic leukaemia*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
4. LITTLETON N, MANSVELT EPG. *A descriptive study regarding presentation of patients with acute myeloid leukaemia at Tygerberg Hospital*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
5. MANSVELT EPG, JACOBS P, ELS A, FOURIE E, ROSSOUW MH, BADENHORST E, VISSER E, DA SILVA T. *Clinical and pathological profile of 186 patients and their relatives tested for thrombo-embolic disease in Cape Town during a 5 year period*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
6. MANSVELT EPG, VAN VELDEN DP, FOURIE E, ROSSOUW MH, WOLMARANS P, VAN RENSBURG SJ, SMUTS CM, NEL DG. *Platelet and haemostatic changes after a Mediterranean-like diet complemented with red wine*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
7. MUNGAL UD, MANSVELT EPG, ELS A. *The value of paired bilateral biopsies in assessing bone marrow involvement in lymphoma patients*. The 43rd Annual Congress of the Federation of the SA Societies of Pathology. WITS Medical School, Johannesburg, 2003.
8. SCHOEMAN JF, SPRINGER P, JANSE VAN RENSBURG A, CARLINI S, FOURIE E, MANSVELT EPG. *Coagulant and fibrinolytic status in tuberculosis meningitis*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
9. VAN VELDEN DP, MANSVELT EPG, WOLMARANS P, FOURIE E, NEL DG, MARAIS AD, BLACKHURST DM. *The influence of a Mediterranean-like diet with and without red wine on the criteria related to the metabolic syndrome*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

**Magister afgehandel/Master's completed**

1. ELS A. *Evaluation and clinical correlation of bone marrow angiogenesis in childhood acute lymphoblastic leukaemia*. MMed, 2003. 32 pp. Studieleier: Prof EPG Mansvelt.



# SKOOL VIR GENEESKUNDE / SCHOOL OF MEDICINE

## ANESTESIOLOGIE EN KRITIEKE SORG / ANESTHESIOLOGY AND CRITICAL CARE

### Tydskrifartikels/Journal articles

1. COETZEE G. Eliminating protein from reusable laryngeal mask airways. *Anaesthesia* 2003; **58**(4): 346-353.
2. COETZEE JF, COETZER M. Propofol in paediatric anaesthesia. *Current Opinion in Anaesthesiology* 2003; **16**: 285-290.
3. MATTHEYSE F. Molecular Biology and Anaesthesia. *South African Journal of Anaesthesia & Analgesia* 2003; **9**(1): 25-30.

### Referate internasionaal/Papers international

1. COETZEE JF. *Anaesthetic agents and the heart*. Lecture, Department of Anesthesia, University of Leicester, Leicester, UK, 2003.
2. COETZEE JF. *The propofol infusion syndrome*. Lecture, Department of Anesthesia, University of Leicester, Leicester, UK, 2003.
3. COETZEE JF. *Technical aspects of target-controlled infusions*. Combined Scientific Meeting in Anaesthesiology. Hong Kong, 2003.
4. MÖDLER HT, MÜLLER GJ, VAN ZYL JM, COETZEE AR. *Cardiopulmonary effects of the venom of Parabuthus scorpion species in the anaesthetised pig model*. 14th World Congress on Animal, Plant and Microbial Toxins of the International Society on Toxinology. Adelaide, Australia, 2003.

### Referate nasionaal/Papers national

1. COETZEE AR. *Heart failure and anaesthesia*. FCA Part 2 Refresher Course. Valkenburg Hospital, Observatory, Cape Town, 2003.
2. COETZEE AR. *Intra-operative diagnosis and management of acute lung injury*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
3. COETZEE AR. *Myocardial ischemia during non-cardiac surgery*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
4. COETZEE G. *Eliminating protein from reusable laryngeal mask airways. A study comparing routinely cleaned masks to three alternative methods*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
5. DE KOCK M, COETZEE G, COETZEE AR. *Premedication of paediatric patients. A prospective study to determine the efficacy of midazolam and clonidine*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
6. DE WET H, COETZEE AR, COETZEE JF. *Bispectral index electroencephalic monitoring as a guide to anaesthetic dosage during rewarming after cardiopulmonary bypass*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
7. LE ROUX PJ. *Pain management during conscious sedation*. SASA State of the Art Symposium. College of Medicine, Johannesburg, 2003.
8. LE ROUX PJ. *Update – SIRS, MODS, CARS, ARDS*. FCA Part 2 Refresher Course. Valkenburg Hospital, Observatory, Cape Town, 2003.
9. LEVIN A. *The right ventricle and oxygen flux during one lung anaesthesia*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.

10. MARITZ G, SMITH J, VAN ZYL JM, VAN DER WALT BJ, JANSE VAN RENSBURG J. *Could lung histology and morphometry explain improved oxygenation after surfactant replacement in a surfactant-deficient experimental model?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
11. MATTHEYSE F. *Molecular biology and anaesthesia*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
12. SMITH J, VAN ZYL JM, HAWTREY A, JANSE VAN RENSBURG J, MARITZ G. *Does synthetic surfactant replacement restore the lung to its prelavage condition?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
13. SWANEVELDER C, COETZEE JF. *A study to determine the flow properties of pediatric endotracheal tubes*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
14. VAN DER VYVER MJ, COETZEE JF. *Propofol target-controlled infusions. A study of predicted wake-up times*. The South African Society of Anaesthesiologists. Pilanesberg, Sun City, 2003.
15. VAN ZYL JM, SMITH J, HAWTREY A, JANSE VAN RENSBURG J. *Dead space capnometry, lung mechanics and blood gas analysis after synthetic surfactant replacement therapy in a lung surfactant-depleted model*. 37th SA Pharmacology Congress. Business School, Stellenbosch University, Bellville, 2003.

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

1. LEVIN A. *A study of right ventricular function during one lung anesthesia*. PhD, 2003. 403 pp. Promotor/medepromotor: Prof AR Coetzee/prof JF Coetzee.

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

1. CONRADIE SL. *The role of calcium and calcium antagonists in the reperfusion injury of the heart*. PhD. Promotor/medepromotors: Prof J Moolman/proff AR Coetzee en JF Coetzee.

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

1. CONRADIE D. *Algemene kardiopulmonêre respons op die doen van kroonaar omleiding sonder die hulp van kardiopulmonêre omleiding*. MMed, 2003. 51 pp. Studieleier: Prof AR Coetzee.
2. SCHMIDT L. *Adrenoreseptor respons op stimulantie by hipertensiewe gekontroleerde en ongekontroleerde hipertensie*. MMed, 2003. 57 pp. Studieleier: Prof AR Coetzee.
3. SWANEVELDER C. *Ondersoek na vloeie-eienskappe van pediatriese endotracheale buise*. MMed, 2003. 32 pp. Studieleier: Prof JF Coetzee.
4. VAN DER MERWE SW. *Alveolêre herwinning en stabilisasie: 'n metode om intra en onmiddellik postop arteriële suurstof spanning te verbeter*. MMed, 2003. 41 pp. Studieleier: Prof AR Coetzee.

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

1. BOEKE RJ. *Comparative study of the laryngeal mask, Slipa and the Portex soft seal*. MMed Studieleier: Prof AR Coetzee.
2. BOSMAN M. *Continuous positive airway pressure during cardiopulmonary bypass improved postoperative gas exchange*. MMed Studieleier: Prof AR Coetzee.
3. BRUWER DJ. *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.
4. DE KOCK M. *Premedications of paediatric patients for surgery in Tygerberg Hospital: a prospective study to determine the efficacy of Midazolam & Clonidine*. MMed Studieleier: Prof AR Coetzee.
5. DE VILLIERS GJ. *VO2 tydens algemene narkose*. MMed Studieleier: Dr AI Levin.
6. DE WET HR. *BIS monitoring tydens opwarming van pasiënte*. MMed Studieleier: Prof AR Coetzee.

7. EATON L. *A comparative study of remifentanyl and sufentanyl using the Nico cardiac output monitor*. MMed Studieleier: Prof JF Coetzee.
8. JOLLANDS C. *Vergelyking van analgesie van kanale blokke en enkel blokke in klompvoete in jong kinders*. MMed Studieleier: Dr M Coetzer.
9. MALAN P. *Klassifikasie van 'n draagbare ventilator*. MMed Studieleier: Prof JF Coetzee.
10. MÖDLER HT. *Cardiopulmonary effects of the venom of Parabuthus scorpion species in the anaesthetised pig model*. MMed Studieleier: Prof AR Coetzee.
11. ROBSON BA. *Relationships between fresh gas, inspired and exhaled sevoflurane partial pressures during low flow anaesthesia*. MMed Studieleier: Prof JF Coetzee.
12. VAN DER LEEK RA. *To evaluate the effect of intra coronary artery verapamil on reperfusion injury after 15 minutes of coronary artery occlusion*. MMed Studieleier: Dr S Conradie.
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

1. BRUWER F, COETZER ME, WARREN BL. Laparoscopic versus open surgical exploration in premenopausal women with suspected acute appendicitis. *South African Journal of Surgery* 2003; **41**(4): 82-85.
2. DU TOIT DF, LEITH JG, STRAUSS DC, BLASZCZYK M, ODENDAAL J DE, WARREN BL. Endovascular management of traumatic cervicothoracic arteriovenous fistula. *British Journal of Surgery* 2003; **90**(12): 1516-1521.
3. DU TOIT DF, VAN SCHALKWYK GD, WADEE SA, WARREN BL. Neurologic outcome after penetrating extracranial arterial trauma. *Journal of Vascular Surgery* 2003; **38**(2): 257-262.
4. JOHNSON AG, MOORE SW. Human acetylcholinesterase binds to mouse laminin-1 and human collagen iv by an electrostatic mechanism at the peripheral anionic site. *Neuroscience Letters* 2003; **337**: 37-40.
5. MOORE SW, SATGÉ D, SASCO AJ, ZIMMERMANN A, PLASCHKES J. The epidemiology of neonatal tumours. *Pediatric Surgery International* 2003; **19**(7): 509-519.
6. MOORE SW, SCHNEIDER JW, SCHAAF HS. Diagnostic aspects of cervical lymphadenopathy in children in the developing world: a study of 1 877 surgical specimens. *Pediatric Surgery International* 2003; **19**(4): 240-244.
7. SATGÉ D, MOORE SW, STILLER CA, NIGGLI FK, PRITCHARD-JONES K, BOWN D, BENARD N, PLANTAZ D. Abnormal constitutional karyotypes in patients with neuroblastoma: a report of four new cases and review of 47 others in the literature. *Cancer Genetics and Cytogenetics* 2003; **147**(2): 89-98.
8. ZAAHL MG, DU PLESSIS L, WARNICH L, KOTZE M, MOORE SW. Significance of novel endothelin-receptor gene polymorphisms in Hirschsprung's disease: predominance of a novel variant (561C/T) in patients with co-existing Down's syndrome. *Molecular and Cellular Probes* 2003; **17**: 49-54.

### Referate internasionaal/Papers international

1. SIDLER D, BEKKER A, SMITH J, MOORE SW. *Dynamic respiratory compliance accurately predicts survival in congenital diaphragmatic hernia*. 5th European Congress of Paediatric Surgery. Tours, France, 2003.
2. SIDLER D, MOORE SW. *Perforated peptic ulcers in childhood: an ongoing challenge*. 5th European Congress of Paediatric Surgery. Tours, France, 2003.

### Referate nasionaal/Papers national

1. HARDCASTLE TC. *Non-operative management of right upper quadrant (RUQ) abdominal gunshots: a short prospective case series*. International Trauma Congress, Trauma Society of South Africa. Durban, 2003.
2. HARDCASTLE TC, DU TOIT D. *The changing face of trauma: decreased absolute numbers but increased severity*. International Trauma Congress, Trauma Society of South Africa. Durban, 2003.
3. HARDCASTLE TC, DU TOIT D, BAADJIES K. *Angiography for thoracic outlet injuries: provisional results of a prospective study*. International Trauma Congress, Trauma Society of South Africa. Durban, 2003.
4. HARDCASTLE TC, MOORE SW. *Paediatric head injuries at Tygerberg Hospital: management and outcome*. International Trauma Congress, Trauma Society of South Africa. Durban, 2003.
5. MOORE SW, VAN RIET F, WESSELS G. *Neuroblastoma in young patients*. South African Children's Cancer Study Group Workshop. University of the Free State, Bloemfontein, 2003.

### Hoofstukke in boeke/Chapters in books

1. MOORE SW, PLASCHKES J. Epidemiology and genetic associations of neonatal tumors. In: *Newborn Surgery*. Arnold, member of the Hodder Headline Group, London, 2003: 70.

### Navorsingsverslae/Research reports

1. SIDLER D. *Difficult choices. Physicians' attitude towards neonatal end-of-life decisions*. Dept of Surgery (General), Stellenbosch University, 2003.
2. SIDLER D. *Natural garlic solution (allium sativum L.) in the management of oromucosal candidiasis in HIV infected children: a randomized controlled trial*. Dept of Surgery (General), Stellenbosch University, 2003.
3. SIDLER D. *Prevention of chemotherapy induced increased gut permeability by a natural garlic solution (Allium sativum L.)*. Dept of Surgery (General), Stellenbosch University, 2003.

<b>DERMATOLOGIE / DERMATOLOGY</b>
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### Referate nasionaal/Papers national

1. BRONN L. *A patient vir Darier's disease*. Ikapa 2003 Dermatology Congress. Stellenbosch, 2003.
2. CILLIERS J. *Time tool in dermatology*. Ikapa 2003 Dermatology Congress. Stellenbosch, 2003.
3. DE BEER C. *The cost of latex allergy in the public sector*. African Technological Excellence, 17th National Congress of the Society of Medical Laboratory Technologists of South Africa. Bloemfontein, 2003.
4. JORDAAN HF. *Lichen planus and Hepatitis C virus*. Ikapa 2003 Dermatology Congress. Stellenbosch, 2003.
5. SCHNEIDER JW, MOOSA MR, JORDAAN HF, TREURNICHT FK, JANSE VAN RENSBURG E. *The spectrum of Kaposi's sarcoma in renal transplant patients*. Path Renaissance 2003. 43rd Conference of the Federation of South African Societies of Pathology. Faculty of Health Sciences, Wits Medical School, University of the Witwatersrand, Johannesburg, 2003.

- SCHNEIDER JW, MOOSA MR, JORDAAN HF, TREURNICHT FK, JANSE VAN RENS-BURG E. *The spectrum of Kaposi's sarcoma in renal transplant patients – a clinicopathological study with reference to human herpes virus type 8*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

### Doktoraal lopend/Doctoral current

- DE BEER C. *Clinical and laboratory investigation of latex allergy in healthcare workers*. PhD Promotor: Prof J Cilliers.

### Magister lopend/Master's current

- LOGHDEY MS. *Association of Lichen planus with Hepatitis C virus infection in the Western Cape: a study of 32 patients*. MMed Studieleier: Prof HF Jordaan.
- ORDEMANN KL. *Muir-Torre Syndrome: the South African experience*. MMed Studieleier: Prof HF Jordaan.

## INTERNE GENEESKUNDE / INTERNAL MEDICINE

### Tydskrifartikels/Journal articles

- ASCOTT-EVANS BH. NOF Congress – boning-up in 2003. Editorial. *JEMDSA* 2003; **8**(1): 6.
- ASCOTT-EVANS BH. Treatment of post-menopausal osteoporosis: evidence based options. *The Specialist Forum* 2003; **3**(3): 8.
- ASCOTT-EVANS BH, GUANABENS N, KIVINEN S, STUCKEY BGA, MAGARIL CH, VANDORMAEL K, STYCH B, MELTON M. Alendronate prevents loss of bone density associated with discontinuation of hormone replacement therapy. *Archives of Internal Medicine* 2003; **163**: 789-794.
- BOLLIGER CT. Evaluation of operability before lung resection. *Curriculum Opinion Pulmonary Medicine* 2003; **9**: 321-326.
- BURGESS LJ, DOUBELL AF. Medical approach to deep vein thrombosis (DVT). *Cardiology Forum* 2003; **3**(3): 56-66.
- BURGESS LJ, DOUBELL AF. Medical approach to deep vein thrombosis (DVT). *The Specialist Forum* 2003; **3**(9): 40-46.
- BUTLER J. Management of epilepsy. *The Specialist Forum* 2003; **3**(1): 4-8.
- BUTLER J. Paediatric epilepsy – an update. *The Specialist Forum* 2003; **3**(4): 4-8.
- CARLIE G, NTUSI NBA, HULLEY P, KIDSON SH. KUVA (khellin plus ultraviolet A) stimulates proliferation and melanogenesis in normal human melanocytes and melanoma cell *in vitro*. *British Journal of Dermatology* 2003; **149**: 707-717.
- CARR J. Neurosyphilis. *Practical Neurology* 2003; **3**(6): 328-341.
- CARR J, DE LA FUENTE-FERNANDEZ R, SCHULZER M, MAK E, BROWN T, CALNE SM, CALNE DB. Familial and sporadic Parkinson's disease usually display the same clinical features. *Parkinsonism & Related Disorders* 2003; **9**(4): 201-204.
- DAVEL S, BOLLIGER CT, DIACON AH, IRUSEN E. Hemoptysis and hypoxemia in an asthmatic. *Respiration* 2003; **70**: 426-430.
- DE KLERK A, BEZUIDENHOUT J, BOLLIGER CT. A young healthy woman presenting with acute meningitis and a large pleural-based mass. *Respiration* 2003; **70**: 655-657.
- DE KLERK A, MUKHEIBER P, ACKERMAN C, BOLLIGER CT. An extrathoracic cause for a unilateral hyperlucent lung on a chest radiograph. *Respiration* 2003; **70**: 643.
- DIACON AH, BRUTSCHE M, SOLÈR M. Accuracy of pleural puncture sites: a prospective comparison of clinical examination with ultrasound. *Chest* 2003; **123**(2): 332-333.
- DIACON AH, BRUTSCHE M, SOLÈR M. A prospective comparison of clinical examination with ultrasound. *Chest* 2003; **123**: 436-441.

17. DIACON AH, SCHUURMANS M, COLESKY F, BOLLIGER CT. Paraneoplastic bilateral proptosis in a case of non-small cell lung cancer. *Chest* 2003; **123**: 627-629.
18. DIACON AH, VAN DE WAL BW, WYSER C, SMEDEMA JP, BEZUIDENHOUT J, BOLLIGER CT, WALZL G. Diagnostic tools in tuberculous pleurisy: a direct comparative study. *European Respiratory Journal* 2003; **22**(4): 589-591.
19. DONALD PR, SIRGEL FA, VENTER A, FOURIE PB, PARKIN DP, SEIFART HI, VAN DE WAL BW, MARITZ JS. 'n Oorsig van die bepaling van die vroeë bakterisidiese aktiwiteit van verskeie antituberkulosemiddels. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie/South African Journal of Science and Technology* 2003; **22**(2&3): 79-88.
20. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, SEIFART HI, VAN DE WAL BW, MARITZ JS, FOURIE PB. Early bactericidal activity of antituberculosis agents. *Expert Review of Anti-Infective Therapy* 2003; **1**(1): 141-155.
21. DÖNNINGER H, GLASHOFF RH, HAITCHI HM, SYCE JA, GHILDYAL R, VAN RENSBURG E, BARDIN PG. Rhinovirus induction of the CXC chemokine epithelial-neutrophil activating peptide-78 in bronchial epithelium. *Journal of Infectious Diseases* 2003; **187**: 1809-1817.
22. EDOUTE Y, DAVIDS MR, JOHNSTON C, HALPERIN ML. An integrative physiological approach to polyuria and hyponatraemia: a 'double-take' on the diagnosis and therapy in a patient with schizophrenia. *Quarterly Journal of Medicine* 2003; **96**: 531-540.
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25. FREEMAN VP, MUTATIRI C, PRETORIUS M, DOUBELL AF. Evaluation of left ventricular enlargement in the lateral position of the chest using the Hoffman and Rigler sign. *Cardiovascular Journal of Southern Africa* 2003; **14**: 134-137.
26. HENNING F. Current issues in chronic inflammatory demyelinating polyradiculoneuropathy. *The Specialist Forum* 2003; **3**(8): 37-44.
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### **Verrigtinge nasionaal/Proceedings national**

1. ALLIE-REID F, LANGEVELDT CR, HOUGH FS, HULLEY P. *Control of osteoblast proliferation and differentiation-role of the ERK pathway and downstream transcription factors.* 39th SEMDSA Congress, 11th NOF Congress, 7th DESSA Workshop. Drakensberg, 2003; *JEMDSA* 2003: 20.
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3. CONRADIE M, KOTZÉ DDR, HOUGH FS, HULLEY P. *Vanadate prevents glucocorticoid-induced apoptosis of osteoblasts.* 39th SEMDSA Congress, 11th NOF Congress, 7th DESSA Workshop. Drakensberg, 2003; *JEMDSA* 2003: 24.
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9. BUTLER J, CARR J. *Do clinicians agree about the diagnosis of Neurosyphilis?* Joint Congress of the Association of British Neurologists and the South African Neurology Congress. Cape Town, 2003.
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22. GARNE S, HULLEY P. *Fate-shifting: can fat cells transdifferentiate into osteoblasts?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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25. HERADIEN M, GOOSEN A, DURRHEIM GA, CORFIELD VA, BRINK PA. *Does pregnancy pose a risk to mothers with long QT syndrome Type I?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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27. IRUSEN E. *Advances in the management of bronchial asthma*. Interniste Opknappingskursus. Stellenbosch, 2003.
28. JOUBERT JR, BOTHA L, VIDELER EA. *Occupational exposure and lifestyle factors – determinants of lung disease*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
29. KRUGER FC. *Your patient with a fatty liver – NASH*. Interniste Opknappingskursus. Stellenbosch, 2003.

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36. MOOSA MR. *The treatment and outcome of Kaposi's sarcoma in renal allograft recipients*. 20th Congress of the South African Transplantation Society. Mount Grace, Magaliesberg, 2003.
37. NEL J, BOUWENS CSH, MAREE DM, MOOSA MR. *Tuberculosis in renal transplant patients at Tygerberg Hospital: a 26-year experience*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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41. RICHTER DC, KOOPMAN MSJ, SCHUURMANS M, BOLLIGER CT, IRUSEN E. *Diagnostic value of bronchodilator response to distinguish between asthma and COPD*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
42. SCHNEIDER JW, MOOSA MR, JORDAAN HF, TREURNICHT FK, JANSE VAN RENSBURG E. *The spectrum of Kaposi's sarcoma in renal transplant patients – a clinicopathological study with reference to human herpes virus type 8*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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44. SCHUBERT P, DIACON AH, SCHUURMANS M, WRIGHT C, LOUW M, BOLLIGER CT. *Ultrasound assisted tru-cut biopsy of pleural tumors: a prospective analysis of 62 consecutive cases in a high incidence area for malignant mesothelioma*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
45. SCHUURMANS M. *Bronchoscopic staging of lung cancer*. Interniste Opknappingskursus. Stellenbosch, 2003.
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48. THERON J, DIACON AH, SWART F, LOMBARD A, BOLLIGER CT, VAN DE WAL BW. *Intrapleural streptokinase in empyema and paraneumonic effusion. A prospective randomized double blind controlled study.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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50. VAN SCHALKWYK E, IRUSEN E, LAWRENCE KA, LOMBARD C, JITHOO A, BATEMAN ED, WHITE NW, CARMAN D, VAN LILL S, BEYERS N. *Prevalence and treatment of asthma in young adults in a low income urban area of South Africa: lung health survey 2002.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
51. VAN SCHALKWYK E, VAN HEERDEN K, LEICHTL S, VENTER L, BARDIN PG. *Roflumilast, a new, orally active, selective phosphodiesterase four inhibitor, shows dose-dependant inhibitory effect on allergen-induced early and late asthmatic reaction.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
52. WEICH HSVH, BRICE EAW, REUTER H, DOUBELL AF. *Large pericardial effusions due to systemic lupus erythematosus: a report of 8 cases.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
53. WHITELAW DA. *Cost-effective management of the RA patient.* Interniste Opknappingskursus. Stellenbosch, 2003.
54. WILKEN E. *Malabsorption and chronic diarrhoea.* Interniste Opknappingskursus. Stellenbosch, 2003.
55. WILLIAMS ZA. *Asthma control, quality of life and knowledge of asthma in a tertiary care setting in the Western Cape.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

### Hoofstukke in boeke/Chapters in books

1. BOLLIGER CT, HÄUSSINGER K. Therapeutic bronchoscopy. In: Gibson GJ, Geddes DM, Costabel U, Sterk PJ, Corrin B, (eds). *Respiratory Medicine 3rd Edition.* Saunders, London, UK, 2003: 50.
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3. HÄUSSINGER K, KOHLHÄUFFL MJ, BOLLIGER CT. Diagnostic bronchoscopy. In: Gibson GJ, Geddes DM, Costabel U, Sterk PJ, Corrin B, (eds). *Respiratory Medicine 3rd Edition.* Saunders, London, UK, 2003: 50.

### Doktoraal afgehandel/Doctoral completed

1. MARITZ FJ. *The effect of statins on bone and mineral metabolism.* PhD, 2003. 254 pp. Promotor/medepromotor: Prof FS Hough/dr P Hulley.
2. MOOSA MR. *The development of malignancies in renal allograft recipients with special emphasis on Kaposi's sarcoma.* MD, 2003. 640 pp. Promotor/medepromotor: Prof DF du Toit/prof PAB Wranz.

### Doktoraal lopend/Doctoral current

1. CARR J. *Physiological and genetic characteristics of a novel form of progressive myoclonic epilepsy.* PhD Promotor: Prof BA Brink.
2. CONRADIE M. *A comparative study of the determinants of bone strength and the propensity to falls in Black and White South African women.* PhD Promotor: Prof FS Hough.

3. DIACON AH. *Benefit of complete pleural drainage in TB-pleurisy. Clinical and immunological study of TB-pleurisy.* PhD Promotor/medepromotor: Prof CT Bolliger/prof G Walzl.
4. REUTER H. *The immunopathogenesis and treatment of tuberculous pericardial effusions in a population with a high prevalence of infection with the human immunodeficiency virus.* PhD Promotor: Prof AF Doubell.
5. VAN RENSBURG CJ. *Identification of clinically – relevant biomarkers for risk stratification within the spectrum of gastro-oesophageal reflux disease in the South African population.* PhD Promotor/medepromotors: Dr MJ Kotze/dr CJ de Jongh en prof CA Wright.

### Magister afgehandel/Master's completed

1. BASSON MMdeV. *Idiopathic focal segmental glomerulosclerosis (FSGS): predictors of outcome.* MMed, 2003. 24 pp. Studieleiers: Prof MR Moosa en dr W Bates.
2. ELLIS T. *Evaluation of a diagnostic algorithm and a severity score for superior vena cava syndrome.* MMed, 2003. 29 pp. Studieleier: Dr AH Diacon.
3. ENSLIN A. *Crescentic nephritis – an epidemiological study.* MMed, 2003. 26 pp. Studieleiers: Prof MR Moosa en dr W Bates.
4. NEL J. *Tuberculosis in renal transplant patients treated at Tygerberg Hospital between 1976 and 2002.* MMed, 2003. 23 pp. Studieleier: Prof MR Moosa.
5. REID E. *Risk factors for tuberculous pericarditis: six-year experience of 161 consecutive cases.* MMed, 2003. 33 pp. Studieleier: Prof H Reuter.
6. THERON P. *Pneumocystis jiroveci pneumonia in renal transplant recipients.* MMed, 2003. 33 pp. Studieleier: Prof MR Moosa.
7. VAN DYK T.J.R. *CMV infection following renal transplantation.* MMed, 2003. 18 pp. Studieleier: Prof MR Moosa.
8. VAN VUUREN WM. *The diagnostic value of pericardial cytopathology in a population with a high prevalence of tuberculosis.* MMed, 2003. 46 pp. Studieleier: Prof H Reuter.
9. WEICH HSVH. *Large pericardial effusions due to systemic lupus erythematosus.* MMed, 2003. 15 pp. Studieleier/medestudieleiers: Prof H Reuter/dr EAW Brice en prof AF Doubell.

### Magister lopend/Master's current

1. KLUSMANN K. *Accuracy of weight estimation for determination of tidal volumes in ventilated patients. An observational study.* MMed Studieleier: Dr AH Diacon.

## KARDIO-TORAKALE CHIRURGIE / CARDIOTHORACIC SURGERY

### Tydskrifartikels/Journal articles

1. ADAMS CH, WERELY CJ, VICTOR TC, HOAL EG, ROSSOUW GJ, VAN HELDEN PD. Allele frequencies for glutathione S-transferase and N-acetyltransferase to differ in African population groups and may be associated with oesophageal cancer or tuberculosis incidence. *Clinical Chemistry and Laboratory Medicine* 2003; **41**(4): 600-605.
2. HARRIS DG, JÄNSON JT, VAN WYK J, PRETORIUS J, ROSSOUW GJ. Delayed pericardial effusion following stab wounds to the chest. *European Journal of Cardio-Thoracic Surgery* 2003; **23**: 473-476.
3. JÄNSON JT, HARRIS DG, PRETORIUS J, ROSSOUW GJ. Pericardial rupture and cardiac herniation after blunt chest trauma. *Annals of Thoracic Surgery* 2003; **75**: 581-582.

### Verrigtinge internasionaal/Proceedings international

1. SCHUURMANS M, DIACON AH, LOUW M, HARRIS D, WRIGHT C, BOLLIGER CT. *Ultrathin bronchoscope versus standard-size bronchoscope in the assessment of solitary pulmonary nodules (SPN): a randomised pilot trial.* Dare to Care Congress. Cape Town, South Africa. 2003; *SA Respiratory Journal* 2003: 134.

- SCHUURMANS M, ELLMANN A, BOUMA HM, ERLANK P, LOUW M, JÄN SON J T, BOLLIGER CT. *Evaluation of solitary pulmonary nodules (SPN) with 99m Tc-MIBI lung scans in an area with high prevalence of tuberculosis: a pilot study*. Dare to Care Congress. Cape Town, South Africa. 2003; *SA Respiratory Journal* 2003: 133.

### Referate nasionaal/Papers national

- HARRIS DG. *Beating heart mitral valve surgery*. South African Heart Association Conference. Cape Town, 2003.
- HARRIS DG. *Beating heart on pump technique for patients with severely depressed ventricular function*. South African Heart Association Conference. Cape Town, 2003.
- HARRIS DG. *Complications after oesophageal resections*. Critical Care Thoracic Society Congress. Cape Town, 2003.
- HARRIS DG. *Limited thoracoplasty*. Critical Care Thoracic Society Congress. Cape Town, 2003.
- SCHUURMANS M, DIACON AH, LOUW M, HARRIS D, WRIGHT CA, BOLLIGER CT. *Ultrathin bronchoscope (UB) versus standard-size bronchoscope (SB) in the assessment of solitary pulmonary nodules (SPN): a randomised pilot trial*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
- SCHUURMANS M, ELLMANN A, BOUMA HM, ERLANK P, LOUW M, JÄN SON JT, BOLLIGER CT. *Evaluation of solitary pulmonary nodules (SPN) with 99m TC-MIBI lung scans in an area with high prevalence of tuberculosis: a pilot study*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

### Doktoraal lopend/Doctoral current

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

### Magister lopend/Master's current

- AUGUSTYN JT. *Enucleation of mediastinal TB lymphnodes – outcome based study*. MMed Studieleier: Prof GJ Rossouw.
- VAN WYK HWJ. *A comparative study of the Logistic EuroSCORE and additive Parsonnet mortality stratification models*. MMed Studieleier: Prof GJ Rossouw.

## KERNGENEESKUNDE / NUCLEAR MEDICINE

### Tydskrifartikels/Journal articles

- ELLMANN A, RUBOW S, ERLANK P, REUTER H. Is there a role for 99mTc-HMPAO leucocyte scintigraphy in infective endocarditis? *Cardiovascular Journal of Southern Africa* 2003; **14**: 199-203.
- SATHEKGE MM, WARWICK J. Nuclear Medicine in South Africa. *South African Medical Journal* 2003; **93**(2): 1.
- SCHUURMANS M, ELLMANN A, BOUMA HM, ERLANK P, BOLLIGER CT, JÄN SON JT, LOUW M. Evaluation of solitary pulmonary nodules (SPN) with Tc-99m MIBI lung scans in an area with high prevalence of tuberculosis: a pilot study. *European Respiratory Journal (voorheen European Journal of Respiratory Diseases)* 2003; **22**(45): 251s.
- VAN HEERDEN BB. Bone SPECT in lower back pain: results of an IAEA coordinated research project. *World Journal of Nuclear Medicine* 2003; **2**(3): 199-205.

**Verrigtinge internasionaal/Proceedings international**

1. SCHUURMANS M, ELLMANN A, BOUMA HM, ERLANK P, LOUW M, JÄN SON JT, BOLLIGER CT. *Evaluation of solitary pulmonary nodules (SPN) with 99m Tc-MIBI lung scans in an area with high prevalence of tuberculosis: a pilot study.* Dare to Care Congress. Cape Town, South Africa, 2003; *SA Respiratory Journal* 2003: 133.

**Referate internasionaal/Papers international**

1. HEYNS CF, THERON PD, ELLMANN A, MOLLER A, BATES WD. *Evaluation of dynamic sentinel lymph node localization by means of scintigraphy in patients with squamous carcinoma of the penis.* SIU Congress on Uro-Oncology. Sharm El-Sheikh, Egypt, 2003.

**Referate nasionaal/Papers national**

1. SCHUURMANS M, ELLMANN A, BOUMA HM, ERLANK P, LOUW M, JÄN SON JT, BOLLIGER CT. *Evaluation of solitary pulmonary nodules (SPN) with 99m TC-MIBI lung scans in an area with high prevalence of tuberculosis: a pilot study.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

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

1. MEYER D, PARKIN DP, MARITZ FJ, LIEBENBERG P H. Abnormal serum lipoprotein levels as a risk factor for the development of human lenticular opacities. *Cardiovascular Journal of Southern Africa* 2003; **14**(2): 44-48.
2. MEYER D, PARKIN DP, SEIFART HI, MARITZ JS, ENGELBRECHT AH, WERE LY CJ, VAN HELDEN PD. NAT2 slow acetylator function as a risk indicator for age-related cataract formation. *Pharmacogenetics* 2003; **13**(5): 285-289.

**Referate internasionaal/Papers international**

1. MEYER D, VAN NIEKERK JP. *Epidemiology of ocular trauma in an academic centre using the OTC system.* Presentation: ISOT (International Society of Ocular Trauma). Sopron, Hungary, 2003.

**Referate nasionaal/Papers national**

1. JACOBY M, AMOD RC. *Ocular complications of HIV at Tygerberg Academic Hospital.* OSSA Congress. Durban, 2003.
2. JACOBY M, AMOD RC. *Ocular complications at Tygerberg Academic Hospital.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

**Hoofstukke in boeke/Chapters in books**

1. MEYER D. Assessing and managing adult Infective conjunctivitis intelligently. In: *Stellmed Updates: Manual for Continuing Professional Development.* Faculty of Health Sciences, University of Stellenbosch, Cape Town, South Africa, 2003: 3.
2. MEYER D. Common questions patients ask their family physician about their vision. In: *Stellmed Updates: Manual for Continuing Professional Development.* Faculty of Health Sciences, University of Stellenbosch, Cape Town, South Africa, 2003: 3.
3. MEYER D. Eye cases: management or referral? Making the difficult decision the family physician often faces, easier. In: *Stellmed Updates: Manual for Continuing Professional Development.* Faculty of Health Sciences, University of Stellenbosch, Cape Town, South Africa, 2003: 4.



- MEYER D. A step-care approach to the management of seasonal allergic conjunctivitis. In: *Stellmed Updates: Manual for Continuing Professional Development*. Faculty of Health Sciences, University of Stellenbosch, Cape Town, South Africa, 2003: 3.

## OOR-, NEUS- EN KEELHEELKUNDE / OTORHINOLARYNGOLOGY

### Tydskrifartikels/Journal articles

- BARNARD D, LEHMANN K, HOAL EG, VAN HELDEN PD, VICTOR TC. The spectrum of mutations in TP53 in laryngeal cancer patients from a high incidence population shows similarities to many of the known mutational hotspots. *Cancer Genetics and Cytogenetics* 2003; **145**(2): 126-132.

### Referate internasionaal/Papers international

- LOOCK JW. *Strategies in the treatment of chronic suppurative otitis media*. 5th Hearing International Annual Scientific Conference. Beijing, China, 2003.

### Referate nasionaal/Papers national

- KROUKAMP G. *Topical anaesthesia for fractured nose*. 39th ENT Congress. Sun City, 2003.
- LOOCK JW. *The use of datasheets in ear surgery*. 39th ENT Congress. Sun City, 2003.
- WORMALD R. *An audit of mastoid surgery at Tygerberg Hospital with emphasis on audiometric findings*. 39th ENT Congress. Sun City, 2003.

## PEDIATRIE EN KINDERGESONDHEID / PEDIATRICS AND CHILD HEALTH

### Tydskrifartikels/Journal articles

- BICK RJ, POINDEXTER BJ, TONG S, KALIS NN, VAN DER MERWE P-L, GATCHEL J, YOUNG DC. Effects of IgM from rheumatic fever patients on intracellular calcium levels of neonatal rat cardiac myocytes. *Life Sciences* 2003; **73**: 2101-2111.
- COTTON MF. The varicella zoster vaccine. *CME* 2003; **21**(6): 314-317.
- COTTON MF, RABIE H, SCHAAF HS, JORDAAN HJ. What can you learn from rashes? An approach for children. *SA Family Practice* 2003; **45**(10): 28-34.
- DONALD PR, SIRGEL FA, VENTER A, FOURIE PB, PARKIN DP, SEIFART HI, VAN DE WAL BW, MARITZ JS. 'n Oorsig van die bepaling van die vroeë bakterisidiese aktiwiteit van verskeie antituberkulosemiddels. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie/South African Journal of Science and Technology* 2003; **22**(2&3): 79-88.
- DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, SEIFART HI, VAN DE WAL BW, MARITZ JS, FOURIE PB. Early bactericidal activity of antituberculosis agents. *Expert Review of Anti-Infective Therapy* 2003; **1**(1): 141-155.
- GIE RP, KLING S, GOUSSARD P, VERMEULEN J. Practical approach to wheezing in an infant. *South African Respiratory Journal* 2003; **9**(1): 12.
- HAZEWINKEL MH, HOOGERWERF JJ, HESSELING PB, HARTLEY P, MACLEAN PE, PETERS M, WESSELS G. Haemophilia patients aged 0-18 years in the Western Cape. *South African Medical Journal* 2003; **93**(10): 793-796.
- HESSELING AC, MARAIS B, COTTON MF. A child with neurobrucellosis. *Annals of Tropical Paediatrics* 2003; **23**: 145-148.

9. HESSELING AC, SCHAAF HS, HANEKOM WA, BEYERS N, COTTON MF, GIE RP, MARAIS B, VAN HELDEN PD, WARREN RM. Danish BCG vaccine-induced disease in HIV-infected children. *Clinical Infectious Diseases* 2003; **37**(9): 1226-1233.
10. HESSELING PB, BROADHEAD R, MOLYNEUX E, BORGSTEIN E, SCHNEIDER JW, LOUW M, MANSVELT EPG, WESSELS G. Malawi pilot study of Burkitt lymphoma treatment. *Medical and Pediatric Oncology* 2003; **41**: 532-540.
11. KAZEMBE P, HESSELING PB, GRIFFEN BE, LAMPERT I, WESSELS G. Long-term survival of children with Burkitt Lymphoma in Malawi after cyclophosphamide monotherapy. *Medical and Pediatric Oncology* 2003; **40**: 23-25.
12. KLING S, GIE RP, GOUSSARD P. Inhaled corticosteroids in childhood asthma. *Current Allergy & Clinical Immunology* 2003; **16**(1): 8-10.
13. MARAIS B, COTTON MF. Occupational exposure to human immunodeficiency virus in pediatricians: a previously undescribed high risk group. *Pediatric Infectious Disease* 2003; **22**(4): 382-383.
14. MARAIS B, PIENAAR JP, GIE RP. Kaposi sarcoma with upper airway obstruction and bilateral chylothoraces. *Pediatric Infectious Disease* 2003; **22**(10): 926-928.
15. MOORE SW, SCHNEIDER JW, SCHAAF HS. Diagnostic aspects of cervical lymphadenopathy in children in the developing world: a study of 1 877 surgical specimens. *Pediatric Surgery International* 2003; **19**(4): 240-244.
16. MUNCH Z, VAN LILL SWP, BOOYSEN CN, ZIETSMAN HL, ENARSON DA, BEYERS N. Tuberculosis transmission patterns in a high-incidence area: a spatian analysis. *International Journal of Tuberculous Lung Disease* 2003; **7**(3): 271-277.
17. PARKIN DP, MARITZ JS, DONALD PR, SCHAAF HS, SEIFART HI, WERELE C. The association of age and elimination of isoniazid: an example of median regression with heteroscedasticity. *South African Statistical Journal* 2003; **37**: 191-202.
18. PIEPER CH, SMITH J, POHL FC. Is nCPAP of value in extreme preterms with no access to neonatal intensive care? *Journal of Tropical Pediatrics* 2003; **49**(3): 148-152.
19. RICHARDSON M, VAN DER SPUY GD, SAMPSON SL, BEYERS N, VAN HELDEN PD, WARREN RM. The stability of polymorphic GC-rich repeat sequence containing regions of *M. tuberculosis*. *Journal of Clinical Microbiology* 2003; **42**(3): 1302-1304.
20. SCHAAF HS, COTTON MF. Current childhood immunizations. *SA Family Practice* 2003; **45**(9): 25-31.
21. SCHAAF HS, MICHAELIS I, RICHARDSON M, BOOYSEN C, GIE RP, WARREN RM, VAN HELDEN PD, BEYERS N. Adult to child transmission of tuberculosis: household or community contact? *International Journal of Tuberculous Lung Disease* 2003; **7**(5): 426-431.
22. SCHAAF HS, SHEAN K, DONALD PR. Culture confirmed multidrug resistant tuberculosis: diagnostic delay, clinical features, and outcome. *Archives of Disease in Childhood* 2003; **88**: 1106-1111.
23. SMITH J. An update on brochopulmonary dysplasia: Is there a relationship to the development of childhood asthma? *Medical Hypotheses* 2003; **61**(4): 495-502.
24. SWART F, SCHUURMANS M, HEYDENREICH JC, PIEPER CH, BOLLIGER CT. Comparison of a new desktop spirometer (Spirospec) with a laboratory spirometer in a respiratory out-patient clinic. *Respiratory Care* 2003; **48**(6): 591-595.
25. VAN DER HAM DP, DE VRIES JK, VAN DER MERWE P-L. Mitral valve prolapse: a study of 45 children. *Cardiovascular Journal of Southern Africa* 2003; **14**(4): 191-194.
26. VAN DER SPUY GD, WARREN RM, RICHARDSON M, BEYERS N, BEHR MA, VAN HELDEN PD. Use of genetic distance as a measure of ongoing transmission of *Mycobacterium tuberculosis*. *Journal of Clinical Microbiology* 2003; **41**(12): 5640-5644.
27. VERVER S, WARREN RM, MUNCH Z, VYNNYCKY E, VAN HELDEN PD, RICHARDSON M, VAN DER SPUY GD, ENARSON DA, BORGDORFF MW, BEHR MA, BEYERS N. Transmission of tuberculosis in a high incidence urban community in South Africa. *International Journal of Epidemiology* 2003; **33**(2): 351-357.

28. WARREN RM, VICTOR TC, STREICHER EM, RICHARDSON M, BEYERS N, GEY VAN PITTIUS NC, VAN HELDEN PD. Patients with active tuberculosis often have different strains in the same sputum specimen. *American Journal of Respiratory and Critical Care Medicine (formerly: American Review of Respiratory Disease)* 2003; **169**: 610-614.

### Verrigtinge internasionaal/Proceedings international

1. HESSELING AC, SCHAAF HS, BEYERS N, COTTON MF, GIE RP, HANEKOM WA, MARAIS B, VAN HELDEN PD, WARREN RM. *Danish BCG vaccination-induced disease in HIV-infected children*. European Society for Paediatric Infectious Diseases (ESPID). Taormina, Sicily, Italy, 2003: 1226-1233.
2. HESSELING PB, BROADHEAD R, WRIGHT CA, BORGSTEIN E, MANSVELT EPG, WESSELS G, SCHNEIDER JW, LIE SO, MOLYNEUX E. *Burkitt's lymphoma (BL): good early response high frequency CPM and intrathecal MTX in Malawi*. SIOP XXXV Meeting. Cairo, Egypt, 2003: 268.
3. MARAIS B, HESSELING AC, SCHAAF HS, STARKE JR, GIE RP, DONALD PR, BEYERS N, ENARSON DA. *Childhood pulmonary tuberculosis – a review of the natural history of disease*. IUATLD 34 World Conference. Paris, France, 2003; *The International Journal of Tuberculosis and Lung Disease* 2003: S137.
4. NTOBONGWANA M, NEL ED, DONALD PR, SCHAAF HS. *An evaluation of social and economic factors related to the community management of tuberculosis in children*. IUATLD 34 World Conference. Paris, France, 2003; *The International Journal of Tuberculosis and Lung Disease* 2003: 324, S273.
5. OBIHARA C, VAN LILL SWP, GIE RP, KIMPEN JLL, BEYERS N. *The relationship between atopy asthma and tuberculin skin test in children living in an area with high prevalence of tuberculosis*. IUATLD 34 World Conference. Paris, France, 2003; *The International Journal of Tuberculosis and Lung Disease* 2003: 324, S238.
6. SCHAAF HS, SHEAN K, DONALD PR. *Confirmed multidrug-resistant (MDR) tuberculosis in children: diagnostic delay, clinical features and outcome*. IUATLD 34 World Conference. Paris, France, 2003; *The International Journal of Tuberculosis and Lung Disease* 2003: 324, S271.
7. VERVER S, WARREN RM, BORGDORFF MW, BEYERS N, RICHARDSON M, VAN HELDEN PD. *Reinfection and relapse in a high incidence suburb*. IUATLD 34 World Conference. Paris, France, 2003; *The International Journal of Tuberculosis and Lung Disease* 2003: S210.
8. WESSELS G, VISSER JH, HESSELING PB. *Complications of ALL therapy during induction and consolidation. Comparison of morbidity resulting from three treatment regimens of differing intensity*. SIOP XXXV Meeting. Cairo, Egypt, 2003: 320.

### Referate internasionaal/Papers international

1. COOKE GS, CAMPBELL S, BELLAMY R, LIENHARDT C, SOW O, GUSTAFSON P, McADAM KPWJ, SICHALI L, MWAUNGULU L, WARNDORFF D, CRAMPIN M, CHAGULUKA S, FINE P, BEYERS N, HOAL-VAN HELDEN EG, VAN HELDEN PD, HILL S. *Identification of susceptibility genes for tuberculosis in southern and west Africans using family-based linkage analysis and linkage disequilibrium mapping*. Keystone Symposia: Tuberculosis: Integrating Host and Pathogen Biology. Taos, New Mexico, United Nations, 2003.
2. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, SEIFART HI, VAN DE WAL BW, WEREY CJ, VAN HELDEN PD, MARITZ JS. *The influence of the NAT2 acetyltransferase genotype and phenotype on the early bactericidal activity of isoniazid*. 5th European Congress of Chemotherapy and Infection. Rhodes, Greece, 2003.
3. GEY VAN PITTIUS NC, UYS P, VICTOR TC, RICHARDSON M, STREICHER EM, JORDAAN AM, BEYERS N, VAN HELDEN PD, WARREN RM. *Multiple infection is common in a high incidence area: what does it imply?* 23rd International Congress of Chemotherapy (ICC). Durban, South Africa, 2003.

4. HESSELING AC, SCHAAF HS, BEYERS N, COTTON MF, GIE RP, HANEKOM WA, MARAIS B, VAN HELDEN PD, WARREN RM. *BCG vaccination-induced disease in HIV-infected children*. European Society for Paediatric Infectious Diseases (ESPID). Taormina, Sicily, Italy, 2003.
5. HESSELING AC, SCHAAF HS, HANEKOM WA, BEYERS N, COTTON MF, GIE RP, MARAIS B, VAN HELDEN PD, WARREN RM. *BCG vaccine-induced disease in HIV-infected children. Opportunistic infections in resource-limited settings*. 2nd IAS Conference on HIV Pathogenesis and Treatment. Paris, France, 2003.
6. MISTRY R, CLAYTON CL, CLIFF J, BEYERS N, MOHAMED Y, WILSON PA, WALLACE DM, VAN HELDEN PD, DUNCAN K, LUKEY PT. *Expression patterns of eight genes discriminate between individuals with active, cured, latent or recurrent tuberculosis*. Keystone Symposia: Tuberculosis: Integrating Host and Pathogen Biology. Taos, New Mexico, United Nations, 2003.
7. STEYN DW, ODENDAAL HJ, KIRSTEN GF. *Mental development in children six years after in utero exposure to ketanserin – a follow-up study of a randomised controlled trial*. 3rd Meeting of the Dutch/South African Obstetricians and Gynaecologists. Pretoria, South Africa, 2003.
8. WARREN RM, UYS P, VICTOR TC, GEY VAN PITTIUS NC, RICHARDSON M, STREICHER EM, JORDAAN AM, BEYERS N, VAN HELDEN PD. *Multiple infection is common in a high incidence area: what does it imply?* Keystone Symposia: Tuberculosis: Integrating Host and Pathogen Biology. Taos, New Mexico, United Nations, 2003.

### Referate nasionaal/Papers national

1. BRAHMBHATT S, WALZL G, BEYERS N, LUKEY PT. *Surrogate markers for tuberculosis*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
2. DONALD PR, SIRGEL FA, VENTER A, PARKIN DP, SEIFART HI, VAN DE WAL BW, WERELY CJ, VAN HELDEN PD, MARITZ JS, MITCHISON DA. *The influence of the NAT2 acetyltransferase genotype and phenotype on the early bactericidal activity (EBA) of isoniazid (INH)*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
3. HESSELING AC, WARREN RM, SCHAAF HS, COTTON MF, MARAIS B, HANEKOM WA, BEYERS N, GIE RP. *BCG vaccine-induced disease in HIV-infected children*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
4. MARITZ G, SMITH J, VAN ZYL JM, VAN DER WALT BJ, JANSE VAN RENSBURG J. *Could lung histology and morphometry explain improved oxygenation after surfactant replacement in a surfactant-deficient experimental model?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
5. SCHOEMAN JF, SPRINGER P, JANSE VAN RENSBURG A, CARLINI S, FOURIE E, MANSVELT EPG. *Coagulant and fibrinolytic status in tuberculosis meningitis*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
6. SMITH J, VAN ZYL JM, HAWTREY A, JANSE VAN RENSBURG J, MARITZ G. *Does synthetic surfactant replacement restore the lung to its prelavage condition?* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
7. VAN SCHALKWYK E, IRUSEN E, LAWRENCE KA, LOMBARD C, JITHOO A, BATEMAN ED, WHITE NW, CARMAN D, VAN LILL S, BEYERS N. *Prevalence and treatment of asthma in young adults in a low income urban area of South Africa: lung health survey 2002*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
8. VAN ZYL JM, SMITH J, HAWTREY A, JANSE VAN RENSBURG J. *Dead space capnometry, lung mechanics and blood gas analysis after synthetic surfactant replacement therapy in a lung surfactant-depleted model*. 37th SA Pharmacology Congress. Business School, Stellenbosch University, Bellville, 2003.

9. VEENSTRA H, STEYN I, BEYERS N, LUKEY PT, WALZL G. *Cell-mediated immunity during active tuberculosis*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
10. WARREN RM, VICTOR TC, STREICHER EM, RICHARDSON M, BEYERS N, GEY VAN PITTIUS NC, VAN HELDEN PD. *Patients with active tuberculosis often have different Mycobacterium tuberculosis strains in the same sputum sample*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

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

**Referate nasionaal/Papers national**

1. KLEINTJES WG. *New forehead flap designs, forehead anatomy related to flaps reviewed and a case presentation*. Association of Plastic and Reconstructive Surgeons of South Africa Annual Congress. Mount Grace, Magaliesberg, 2003.
2. KLEINTJES WG. *Staging of melanoma*. Dept Plastic and Reconstructive Surgery 5th Registrar Symposium. Durban, Natal, 2003.
3. TOOGOOD JW. *Benign skin lesions: cysts, keratoacanthoma and keratosis*. Dept Plastic and Reconstructive Surgery 5th Registrars Symposium. Durban, Natal, 2003.
4. ZEEMAN BJvR. *Abdominoplasty surgical technique*. Dept Plastic and Reconstructive Surgery 5th Registrars Symposium. Durban, Natal, 2003.
5. ZEEMAN BJvR. *Liposuction complications and management*. Dept Plastic and Reconstructive Surgery 5th Registrars Symposium. Durban, Natal, 2003.

**Magister Iopend/Master's current**

1. KLEINTJES WG. *Anatomy of the forehead related to flap planning and the Kleintjies forehead flaps*. MMed Studieleier: Prof BJ van R Zeeman.
2. MEYER H. *Vacuum Dressing – bacteriological and biochemical study*. MMed Studieleier: Prof BJ van R Zeeman.
3. ROUX VC. *Dural imbrication in craniofacial surgery*. MMed Studieleier: Prof BJ van R Zeeman.
4. TOOGOOD JW. *Malar fatpad thickness in Zygoma-complex fractures*. MMed Studieleier: Prof BJ van R Zeeman.

**PSIGIATRIE / PSYCHIATRY**

**Tydskrifartikels/Journal articles**

1. ALLGULANDER C, BANDELOW B, HOLLANDER E, MONTGOMERY SA, NUTT D, OKASHA A, POLLACK MH, STEIN DJ, SWINSON RP. Longterm treatment of generalized anxiety disorder. *CNS Spectrum* 2003; **8S1**(8S1): 53-61.
2. BOTHA K, OOSTHUIZEN P. Postpartum mood disorders – a practitioner's guide to diagnosis and treatment. *South African Journal of Psychiatry* 2003; **9**(9): 13-20.
3. BRINK S, OOSTHUIZEN P, EMSLEY RA, MBANGA NI, KEYTER N. Relationship between substance abuse and first episode psychosis: a South African perspective. *South African Journal of Psychiatry* 2003; **9**(1): 7-12.

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6. EMSLEY RA, MYBURGH C, OOSTHUIZEN P, VAN RENSBURG SJ. Randomised study of ethyl-eicosapentaenoic acid versus placebo as supplemental treatment in schizophrenia. *American Journal of Psychiatry* 2002; **159**: 1596-1598.
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9. EMSLEY RA, SEEDAT S, STEIN DJ. Post-traumatic stress disorder and occupational disability in South Africa security force members. *Journal of Nervous and Mental Disease* 2003; **191**(4): 237-241.
10. FAINMAN D. Deliberate self-harm in adolescents. *Continuing Medical Education* 2003; **21**(21): 115-118.
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12. HARVEY BH, NACITI C, BRAND L, STEIN DJ. Endocrine, cognitive and hippocampal/cortical 5HT 1A/2A receptor changes evoked by a time-dependent sensitisation (TDS) stress model in rats. *Brain Research* 2003; **983**(1-2): 97-107.
13. HEMMINGS SMJ, KINNEAR CJ, NIEHAUS DJH, MOOLMAN-SMOOK JC, LOCHNER C, KNOWLES JA, CORFIELD VA, STEIN DJ. Investigating the role of dopaminergic and serotonergic candidate genes in obsessive compulsive disorder. *European Neuropsychopharmacology* 2003; **13**(2): 93-98.
14. HUGO CJ, BOSHOFF D, TRAUT A, ZUNGU-DIRWAYI NP, STEIN DJ. Community attitudes toward and knowledge of mental illness in South Africa. *Social Psychiatry and Psychiatric Epidemiology* 2003; **38**(12): 715-719.
15. HUGO CJ, METELO-LIQUITO J. Anxiety: a general overview. *South African Journal of Natural Medicine* 2003; **9**: 28-29.
16. HUGO CJ, SEIER J, MDHLULI C, DANIELS WMU, HARVEY BH, DU TOIT DF, WOLFE-COOTE S, NEL DG, STEIN DJ. Fluoxetine decreases stereotypic behaviour in primates. *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 2003; **27**: 639-643.
17. KAMINER D, STEIN DJ. Social anxiety disorder. *World Journal of Biological Psychiatry* 2003; **4**(3): 103-110.
18. KOEN L, NIEHAUS DJH, LAURENT C, MULLER JE. The use of traditional treatment methods in a Xhosa schizophrenia population. *South African Medical Journal* 2003; **93**(6): 443.
19. KOEN L, OOSTHUIZEN P, NIEHAUS DJH, EMSLEY RA, MULLER JE, STEIN DJ, KEYTER N, LOCHNER C, SEEDAT S. Prevalence of obsessive-compulsive disorder in first- & multi-episode male patients with schizophrenia-spectrum disorders. *South African Medical Journal* 2003; **93**(7): 517-518.
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40. STEIN DJ, BANDELOW B, HOLLANDER E, NUTT D, OKASHA A, POLLACK MH, SWINSON RP, ZOHAR J. Long-term treatment of post-traumatic stress disorder. *CNS Spectrums* 2003; **8S1**(8S1): 31-39.
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47. VAN AMERINGEN M, ALLGULANDER C, BANDELOW B, GREIST J, HOLLANDER E, MONTGOMERY SA, NUTT D, OKASHA A, POLLACK MH, STEIN DJ, SWINSON RP. Long-term treatment of social phobia. *CNS Spectrums* 2003; **8S1**(8S1): 40-52.

### Verrigtinge internasionaal/Proceedings international

1. KOEN L, NIEHAUS DJH, LAURENT C, OOSTHUIZEN P, JORDAAN E, MULLER JE, MBANGA NI, DELEUZE J-F, PIMSTONE S, STEIN DJ, EMSLEY RA. *Suicide attempts in an African schizophrenia population: an evaluation of risk factors and affected sibpair status*. International Congress on Schizophrenia Research. Colorado, Springs, USA, 2003; *Schizophrenia Research* 2003; **60**(1): 42.
2. STEIN DJ, CHRISTIE J, DUFF D. *Paroxetine improves somatic symptoms associated with panic disorder and GAD*. 16th Congress of the European College of Neuropsychopharmacology. Prague, Slovakia (Slovak Republic), 2003; **13**(4): S384.
3. STEIN DJ, VAN DER KOLK B, AUSTIN C, FAYYAD R, CLARY C. *Efficacy of sertraline in post-traumatic stress disorder secondary to interpersonal trauma of childhood abuse*. 16th Congress of the European College of Neuropsychopharmacology. Prague, Slovakia (Slovak Republic), 2003; **13**(4): S363.
4. WESTENBERG HGM, STEIN DJ, YANG H, LI D, BARBATO LM. *A double-blind, placebo-controlled study of controlled release fluvoxamine for the treatment of generalized social anxiety disorder*. 16th Congress of the European College of Neuropsychopharmacology. Prague, Slovakia (Slovak Republic), 2003; **13**(4): S363.

### Verrigtinge nasionaal/Proceedings national

1. CAREY P, SEEDAT S, STEIN DJ. *Inositol in the treatment of obsessive-compulsive disorder*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 47.
2. CAREY P, WALKER J, SEEDAT S, STEIN DJ. *Childhood and adolescent sexual abuse – demographic, traumatic and clinical signposts*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 47.
3. DANIELS WMU, PIETERSEN C, CARSTENS ME, STEIN DJ. *Blunted ACTH response correlates with altered neurotransmitter function in maternally separated rats*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 42-43.
4. KOEN L, NIEHAUS DJH, MULLER JE, SELLER C, KEYTER N. *Self-report vs urinary drug screening in schizophrenia: a pilot study*. Psychopharmacology Congress. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 48.
5. LATEGAN BH, KOEN L, NIEHAUS DJH, JORDAAN E, EMSLEY RA. *The effect of aggression on the use of psychotropics in schizophrenia: a naturalistic study*. Psychopharmacology Congress. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 48.



6. NIEHAUS DJH, ENDEMAN L, BOSMAN I, HEMMINGS SMJ, LOCHNER C, KOEN L, MOOLMAN-SMOOK JC, CORFIELD VA, STEIN DJ. OCD *Heterogeneity reflected by lack of genealogically determined founder effect*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 49.
7. SEEDAT S, NYAMAI C, NJENGA F, VYTHILINGUM B, STEIN DJ. *Trauma exposure and post-traumatic stress symptoms in adolescents. A school's survey in Cape Town (SA) and Nairobi (Kenya)*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 50.
8. SEEDAT S, OLLEY B, STEIN DJ. *Post-traumatic stress disorder among recently diagnosed patients with HIV in South Africa*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 41-42.
9. SIEGFRIED N, SWINGLER G, SEEDAT S, MULLER M, CHURCHILL R, STEIN DJ. *Evidence-based mental healthcare – what do you know, think, feel?* Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 38.
10. STEIN DJ. *Brain imaging and substance use disorders*. Biannual Meeting of the South African Society for Biological Psychiatry. Stellenbosch, 2003; *South African Journal of Psychiatry* 2003: 51.

### Referate internasionaal/Papers international

1. DANIELS WMU, PIETERSEN CY, CARSTENS ME, STEIN DJ. *Early life traumatic events impact negatively on behaviour later in life*. 6th Biennial Conference of the Society of Neuroscientists of Africa. Abuja, Nigeria, 2003.
2. DANIELS WMU, RICHTER L, HARVEY BH, STEIN DJ. *Deermice as an animal model of obsessive-compulsive disorder*. 6th IBRO World Congress of Neuroscience. Prague, Czech Republic, 2003.
3. EMSLEY RA. *Evidence-based management of acute psychiatric episodes. "from acute episodes to maintenance and stabilization (AEMS)"*. Janssens Symposium – Risperdal Stand Alone Meeting, From Receptors to Re-integration: A Decade of Successes and Innovation. Monte Carlo, Monaco, 2003.
4. EMSLEY RA. *Investigator initiated trial presentation: tardive dyskinesia*. Seroquel Investigator Initiated Meeting. Versailles, Paris, France, 2003.
5. EMSLEY RA. *Research challenges in psychiatry in Africa*. The 5th World Psychiatric Association Eastern Africa Regional Scientific Conference. Nairobi, Kenya, 2003.
6. EMSLEY RA. *Schizophrenia: one of psychiatry's toughest challenges*. 16th ECNP Congress. Janssens Satellite Symposium: First Episode Psychosis: Getting it Right from the Start Prevents Relapse? Prague, Czech Republic, 2003.
7. EMSLEY RA. *Treatment strategies for patients with persistent symptoms of schizophrenia. The importance and treatment of partial responders to antipsychotic treatment. The importance of effective, early intervention in schizophrenia. Partial responders to antipsychotic therapy and the prize study*. Speaker for Seven AstraZeneca Seminars. Taichung, Taipei, Kaohsiung, Kwai Chung Hospital, Alice Ho Miu Ling Nethersole Hospital, Taiwan, Hong Kong, 2003.
8. KOEN L, NIEHAUS DJH, LAURENT C, KEYTER N, OOSTHUIZEN P, JORDAAN E, MULLER JE, MBANGA NI, DELEUZE J-F, STEIN DJ, EMSLEY RA. *Suicide attempts in an african schizophrenia population: an evaluation of risk factors and affected subpair status*. International Congress of Schizophrenia Research. Colorado Springs, USA, 2003.
9. OOSTHUIZEN P, EMSLEY RA, MARITZ JS, TURNER J, KEYTER N. *Treatment with low-dose haloperidol does not protect against tardive dyskinesia*. International Congress of Schizophrenia Research. Colorado Springs, USA, 2003.
10. STEIN DJ. *Advances in the anxiety disorders*. 16th Congress of the European College of Neuropsychopharmacology. Prague, Slovakia (Slovak Republic), 2003.

11. VAN RENSBURG SJ, HON D, VAN ZYL JM, POCNIC FCV, VAN DER WALT BJ, ROOS A, ERASMUS RT. *Increased oxidative potential of serum from patients with Alzheimer's disease and clinical improvement with antioxidant supplementation over 15 months*. 6th International Brain Research Organisation World Congress of Neuroscience. Prague, Czech Republic, 2003.

### Referate nasionaal/Papers national

1. DANIELS WMU, PIETERSEN CY, CARSTENS ME, STEIN DJ. *Blunted ACTH response correlates with altered neurotransmitter function in maternally separated rats*. Psychopharmacology/Neurosciences 2003 Congress. Stellenbosch, 2003.
2. EMSLEY RA. *Cost-effectiveness of seroquel*. The AstraZeneca Seroquel Consultancy Group Meeting. Johannesburg, 2003.
3. EMSLEY RA. *The placebo response in anti-depressant clinical trials*. Psychopharmacology 2003 Congress. Stellenbosch, 2003.
4. EMSLEY RA. *Risperdal consta*. Risperdal Consta Advisory Board Meeting. Kleinmond, 2003.
5. HEMMINGS SMJ, KINNEAR CJ, LOCHNER C, MOOLMAN-SMOOK JC, NIEHAUS DJH, CORFIELD VA, STEIN DJ. *Trichotillomania and obsessive-compulsive disorder: clinical and genetic comparisons within a South African population*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
6. HUGO CJ, METELO-LIQUITO J, STEIN DJ. *Recognising and effectively using available mental health resources*. General Practitioner Workshop, Psychopharmacology/Neurosciences Congress 2003. Stellenbosch, 2003.
7. HUGO CJ, VOS HD, STEIN DJ. *Mental health literacy of human resource practitioners in South Africa*. Psychopharmacology/Neurosciences 2003 Congress. Stellenbosch, 2003.
8. HUGO CJ, VOS HD, STEIN DJ. *A sample survey investigating the mental health attitudes of HR practitioners in South Africa*. 47th Academic Year Day of the Faculty of Health Sciences, University of Stellenbosch, Tygerberg, South Africa 2003.
9. KEYTER N, OOSTHUIZEN P, EMSLEY RA, TURNER J. *The importance of a specialized clinic for the care of patients with first episodes of psychosis*. Psychopharmacology 2003 Congress. Stellenbosch, 2003.
10. LOCHNER C, NIEHAUS DJH, HEMMINGS SMJ, KINNEAR CJ, CORFIELD VA, MOOLMAN-SMOOK JC, STEIN DJ. *Factor analysis of obsessive-compulsive spectrum disorders in patients with obsessive-compulsive disorder: clinical and genetic correlates*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
11. LOCHNER C, SEEDAT S, HEMMINGS SMJ, KINNEAR CJ, CORFIELD VA, NIEHAUS DJH, MOOLMAN-SMOOK JC, STEIN DJ. *Dissociative experiences in obsessive-compulsive disorder and trichotillomania: clinical and genetic findings*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
12. OOSTHUIZEN P, EMSLEY RA, TURNER J, KEYTER N. *The efficacy and tolerability of low-dose vs standard dose haloperidol in first episode psychosis*. Psychopharmacology 2003 Congress. Stellenbosch, 2003.
13. OOSTHUIZEN P, EMSLEY RA, TURNER J, KEYTER N. *Treatment with low-dose haloperidol does not protect against tardive dyskinesia*. Psychopharmacology 2003 Congress. Stellenbosch, 2003.
14. RICHTER L, DANIELS WMU, STEIN DJ. *The effect of chronic, intra-amygdala CRF injections on rat behaviour and HPA-axis function*. The 31st Annual Congress of the Physiology Society of Southern Africa. Potchefstroom University for CHE, Potchefstroom, 2003.
15. RICHTER L, DANIELS WMU, STEIN DJ. *The effect of chronic, intra-amygdala CRF injections on rat behaviour and HPA-axis function*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
16. SCHOLTZ O, OOSTHUIZEN P, HUGO CJ, RICHARDS B. *Do healthcare funders discriminate against members on the ground of mental illness?* Psychopharmacology 2003 Congress. Stellenbosch, 2003.

17. SCHULTE A, NIEHAUS DJH, KOEN L, MULLER JE, OOSTHUIZEN P, EMSLEY RA. *Treatment strategies in patients with clozapine-resistant schizophrenia at Stikland Hospital. A critical evaluation of one option.* Psychopharmacology 2003 Congress. Stellenbosch, 2003.
18. SELLER C, OOSTHUIZEN P. *The QTc-effects of thioridazine when used as a second-line antipsychotic (at Stikland Hospital).* Psychopharmacology 2003 Congress. Stellenbosch, 2003.
19. UYS JDK, DANIELS WMU, STEIN DJ. *Characterising an animal model for early life trauma using time dependent sensitisation.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
20. VAN DER BIJL H, OOSTHUIZEN P. *Assessing the prevalence of anxiety and depressive symptoms among clinicians at Tygerberg Academic Hospital and controls.* Psychopharmacology 2003 Congress. Stellenbosch, 2003.
21. VAN RENSBURG SJ, EMSLEY RA, SMUTS CM, KIDD M, VAN DER MERWE S, MYBURGH C, OOSTHUIZEN P, BLEEKER H. *The placebo effect – is it all in the mind?* Psychopharmacology 2003 Congress. Stellenbosch, 2003.
22. VAN RENSBURG SJ, POTOČNIK FCV, VAN ZYL JM, VAN DER WALT BJ, HON D, ROOS A, RIENHARDT E, ERASMUS RT. *Increased oxidative potential of serum from patients with Alzheimer's disease and clinical improvement with antioxidant supplementation over 15 months.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
23. VYTHILINGUM B, WESSELS CJ, MARITZ JS, PIENAAR WP, STEIN DJ. *Pharmacological challenge with a serotonin 1D agonist in alcohol dependence.* Psychopharmacology/Neurosciences Congress 2003. Stellenbosch, 2003.

### Boeke/Books

1. HUGO CJ, METELO-LIQUITO J, STEIN DJ, EMSLEY RA. *Mental health resource guide of Southern Africa (7th edition).* MHIC, Cape Town, South Africa, 2003. 266 pp.
2. KASPER S, ZOHAR J, STEIN DJ. *Decision-making in psychopharmacology.* Martin Dunitz, London, UK, 2003. 11 pp.
3. STEIN DJ. *The cognitive-affective neuroscience of depression and anxiety disorders.* Martin Dunitz, London, UK, 2003. 11 pp.
4. STEIN DJ. *False alarm! How to conquer the anxiety disorders (4th edition).* MHIC, Tygerberg, South Africa, 2003. 152 pp.
5. STEIN DJ, SEEDAT S, NIEHAUS DJH, PIENAAR WP, EMSLEY RA. *Psychiatric medications in primary care: algorithms and guidelines (6th edition).* MHIC, Tygerberg, South Africa, 2003. 208 pp.

### Hoofstukke in boeke/Chapters in books

1. EMSLEY RA. La Psychiatrie en Afrique du Sud. In: Alermhe K, Albermhe T, (eds). *Organisation Des Soins en Psychiatrie.* Masson, Paris, France, 2003: 4.
2. EMSLEY RA, STEIN DJ. Anxiety and schizophrenia. In: Nutt & Ballenger, (eds). *Anxiety Disorders.* Blackwell Science, Oxford, UK, 2003: 163-179.
3. STEIN DJ, HOLLANDER E. Anxiety and stress. Kahn JP, Langlieb AM, (eds). *Mental Health and Productivity in the Workplace: A Handbook for Organizations and Clinicians.* Jossey-Bass, San Francisco, USA, 2003: 407-432.
4. STEIN DJ, HOLLANDER E, KLEIN DF. Anxio-depression: evolution des Idess. In: Olie JP, Poirier MF, Loo H, (eds). *Les Maladies Depressives, 2nd edition.* Flammarion, Paris, France, 2003: 196-201.
5. STEIN DJ, VYTHILINGUM B, SEEDAT S, HARVEY BH. Trichotillomania. In: Koo JYM, Lee C-S, (eds). *Psychocutaneous Medicine.* Marcel Dekker, New York, USA, 2003: 117-142.
6. VYTHILINGUM B, STEIN DJ. Neurobiology of obsessive-compulsive disorder. In: Soares JC, Gershon S, (eds). *Handbook of Medical Psychiatry.* Marcel Dekker, New York, USA, 2003: 423-443.

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

1. OOSTHUIZEN P. *Treatment of first episode schizophrenia with low-dose haloperidol: a study in the Western Cape Province of South Africa*. PhD, 2003. 234 pp. Promotor: Prof RA Emsley.

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

1. JORDAAN G. *Alkohol-geïnduseerde psigose: 'n vergelykende studie in pasiënte met alkohol-afhanklikheid, skisofrenie en nie-alkoholafhanklik nie-skisofrenie kontroles*. DMed Promotor: Prof RA Emsley.
2. LOCHNER C. *Symptom dimensions in obsessive-compulsive disorder*. PhD Promotor: Prof DJ Stein.

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

1. HUGO CJ. *Mental health literacy and attitudes of human resource practitioners in South Africa*. MA, 2003. 279 pp. Studieleiers: Dr H Vos en prof DJ Stein.

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

1. LATEGAN BH. *Aggression in acutely relapsed schizophrenics: an investigation into the relationship between medication use and the NOSIE*. MMed Studieleiers: Drr L Koen en DJH Niehaus.
2. SCHULTE A. *Treatment strategies for clozapine-resistant schizophrenia at Stikland Hospital: a critical evaluation of one option*. MMed Studieleiers: Drr L Koen en DJH Niehaus.

<b>RADIODIAGNOSE / RADIOLOGY</b>
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### **Tydskrifartikels/Journal articles**

1. BENADE SL. The patient with head injury and a Glasgow coma score of 15 - is a brain CT examination indicated? *South African Journal of Radiology* 2003; **7**(3): 14-16.
2. DE KLERK A, MUKHEIBER P, ACKERMAN C, BOLLIGER CT. An extrathoracic cause for a unilateral hyperlucent lung on a chest radiograph. *Respiration* 2003; **70**: 643.
3. DE VILLIERS RVP. Jumper's knee. *South African Journal of Radiology* 2003; **7**(3): 22-23.
4. DE VILLIERS RVP. Navicular stress fracture. *South African Journal of Radiology* 2003; **7**(3): 34-35.
5. NEL B. Is routine abdominal radiography of any value prior to an abdominal ultrasound investigation? *South African Journal of Radiology* 2003; **7**(3): 17-19.
6. SCHER AT. Lumbar spine x-rays for back pain – still justified as a screening examination in South Africa. *South African Journal of Radiology* 2003; **7**(3): 9-11.
7. VAN DER MERWE I. Percutaneous vertebroplasty. *South African Journal of Radiology* 2003; **7**(3): 5-8.
8. VAN GELDEREN WFC. Incidental diagnosis of a gastric mass on chest radiographs. *South African Journal of Radiology* 2003; **7**(3): 30-32.

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

1. ELLIS T, MUKHEIBER P, VAN EEDEN PC, WRIGHT C, BOLLIGER CT, DIACON AH. *Evaluation of a new diagnostic algorithm for superior vena cava obstruction syndrome – a prospective comparative study*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

2. WEBER B, SERAFIN AM, MICHIE J, VAN RENSBURG CEJ, SWART J, BÖHM ELJF. *Cytotoxicity and cell death pathways invoked by a novel ferrocene and a rhodium ferrocene complex in benign and malignant prostate cell lines*. 37th SA Pharmacology Congress. Business School, University Stellenbosch, Bellville, 2003.

## STRALINGSONKOLOGIE / RADIATION ONCOLOGY

### Tydskrifartikels/Journal articles

1. AKUDUGU JM, SLABBERT JP, ROOS WP, BÖHM ELJF. Micronucleus response of human glioblastoma and neuroblastoma cells toward low-LET photon and high-LET p(66)/Be neutron irradiation. *American Journal of Clinical Oncology – Cancer Clinical Trials* 2003; **26**(3): e1-e6.
2. BARNARDT P, GEORGIEV GD. Palliative treatment for HIV-related Kaposi's sarcoma. *The Southern African Journal of HIV Medicine* 2003; **13**: 31-34.
3. BÖHM ELJF, ROOS WP, SERAFIN AM. Inhibition of DNA repair by pentoxifylline and related methylxanthine derivatives. *Toxicology* 2003; **193**: 153-160.
4. MICHIE J, AKUDUGU JM, BINDER A, VAN RENSBURG CEJ, BÖHM ELJF. Flow cytometric evaluation of apoptosis and cell viability as a criterion of anti-tumour drug toxicity. *Anticancer Research* 2003; **23**: 2675-2680.
5. SERAFIN AM, AKUDUGU JM, BÖHM ELJF. Studies on the influence of DNA repair on radiosensitivity in prostate cell lines. *Urological Research* 2003; **31**(4): 227-231.

### Referate internasionaal/Papers international

1. VERNIMMEN FJAI. *Stereotactic proton beam radiation for large cerebral AVMs*. 6th International Stereotactic Radiosurgery Society Congress. Kyoto, Japan, 2003.

### Referate nasionaal/Papers national

1. EEDES DJ, KIECK F, DUGMORE D, MELVILLE R, WILSON J, VERNIMMEN FJAI, BRENNAN S, FISHER-JEFFES N, HALL J, HILL J, BRITZ K, DREYER A, BOTHA C, PARKES J, TAYLOR A, KORF GJJ. *Stereotactic radiation in acoustic neuromas – the Southern Cross Hospital experience*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.
2. ELLIS T, MUKHEIBER P, VAN EEDEN PC, WRIGHT C, BOLLIGER CT, DIACON AH. *Evaluation of a new diagnostic algorithm for superior vena cava obstruction syndrome – a prospective comparative study*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
3. GROENEWALD WA. *A comparative study of air kerma and absorbed dose to water dosimetry results*. 43rd Congress and Winter School of the South African Association for Physicists in Medicine and Biology. iThemba LABS, Faure, Somerset-West, 2003.
4. GROENEWALD WA. *A comparative study of air kerma and absorbed dose to water radiation dosimetry protocols*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.
5. GROENEWALD WA. *Dosimetry*. Dosimetry and Specialized Planning Workshop: Radiation Oncology. iThemba LABS, Faure, Somerset-West, 2003.
6. GROENEWALD WA. *Intensity modulation radiotherapy (IMRT)*. Dosimetry and Specialized Planning Workshop: Radiation Oncology. iThemba LABS, Faure, Somerset-West, 2003.
7. MICHIE J, HARRIS JK, VERNIMMEN FJAI. *Bed-time salvage charts for unscheduled interruptions of radiotherapy for individual patients*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.

8. ROSSOUW MS. *Comet formation in lymphocytes induced by gamma and neutron irradiation*. 43rd Congress and Winter School of the South African Association for Physicists in Medicine and Biology. iThemba LABS, Faure, Somerset-West, 2003.
9. ROSSOUW MS, MEEHAN K, SLABBERT JP, GROENEWALD WA. *Comet formation in lymphocytes induced by neutron and gamma irradiation*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.
10. SERAFIN AM. *Influence of p53 & bcl-2 on chemosensitivity in benign & malignant prostatic cell lines*. 43rd Congress and Winter School of the South African Association for Physicists in Medicine and Biology. iThemba LABS, Faure, Somerset-West, 2003.
11. SERAFIN AM, BÖHM ELJF. *The influence of p53 and bcl-2 on chemosensitivity in benign and malignant prostate cell lines*. 37th South African Pharmacology Congress. University of Stellenbosch Graduate School of Business, Bellville, 2003.
12. SERAFIN AM, BÖHM ELJF. *The influence of P53 and BCL-2 on chemosensitivity in benign and malignant prostate cell lines*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
13. SNYMAN EFS. *Implementation of a new curriculum for education and training in South Africa*. 43rd Congress and Winter School of the South African Association for Physicists in Medicine and Biology. iThemba LABS, Faure, Somerset-West, 2003.
14. SNYMAN EFS. *The new curriculum for education and training as applied to medical physics interns*. 47ste Akademiese Jaardag, Fakulteit Gesondheidswetenskappe, Universiteit Stellenbosch. Tygerberg, 2003.
15. VERNIMMEN FJAI. *Intensity modulation radiotherapy (IMRT)*. Dosimetry and Specialized Planning Workshop: Radiation Oncology. iThemba LABS, Faure, Somerset-West, 2003.
16. VERNIMMEN FJAI. *Physics of neutron planning/indications for neutron therapy*. Dosimetry and Specialized Planning Workshop: Radiation Oncology. iThemba LABS, Faure, Somerset-West, 2003.
17. VERNIMMEN FJAI. *Physics of proton planning/indications for proton therapy*. Dosimetry and Specialized Planning Workshop: Radiation Oncology. iThemba LABS, Faure, Somerset-West, 2003.
18. VERNIMMEN FJAI, WILSON J, HARRIS JK, FREDERICKS S. *Stereotactic proton beam therapy for large cerebral AVM's*. SASCRO/SASMO 11th National Congress. Bloemfontein, 2003.
19. WEBER BW, SERAFIN AM, MICHIE J, VAN RENSBURG CEJ, SWART J, BÖHM ELJF. *Cytotoxicity and cell death pathways invoked by a novel ferrocene and a rhodium ferrocene complex in benign and malignant prostate cell lines*. 37th South African Pharmacology Congress. University of Stellenbosch Graduate School of Business, Bellville, 2003.

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

1. SERAFIN AM. *Resistance of prostate cancer cell lines to irradiation and drugs*. PhD, 2003. 106 pp. Promotor: Prof ELJF Böhm.

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

1. MOHAMED Z. *Stereotactic proton beam radiotherapy for acoustic neuromas: the South African experience*. MMed, 2003. 11 pp. Studieleier: Prof FJAI Vernimmen.

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

1. BLIGNAUT M. *A comparative, randomised pilot study of healing balm, a phyto extract containing balm versus Scheriproct(R), a steroid cream in the treatment of radiation induced skin toxicity – on patients receiving radiotherapy at the Department of Radiation Oncology, Tygerberg*. MMed Studieleier: Prof FJAI Vernimmen.
2. DUPPER LH. *Radiotherapy of superior vena cava syndrome in bronchus carcinoma patients, at the Radiation Oncology Department, Tygerberg*. MMed Studieleier: Prof FJAI Vernimmen.
3. MARSZALEK K. *Single institution experience in mesothelioma, at the Radiation Oncology Department, Tygerberg*. MMed Studieleier: Prof FJAI Vernimmen.

## UROLOGIE / UROLOGY

### Tydskrifartikels/Journal articles

1. HAYES VM. Genetic diversity of the alpha-1-antitrypsin gene in Africans identified using a novel genotyping assay. *Human Mutation* 2003; **22**: 59-66.
2. HAYES VM, GARDINER-GARDEN M. Are the polymorphic markers within the alpha-1-antitrypsin gene associated with risk of human immunodeficiency virus disease? *Journal of Infectious Diseases* 2003; **188**: 1205-8.
3. HEYNS CF, MATHEE S, ISAACS A, KHARWA A, DE BEER PM, PRETORIUS MA. Problems with prostate specific antigen screening for prostate cancer in the primary healthcare setting in South Africa. *British Journal of Urology* 2003; **91**(9): 785-788.
4. HEYNS CF, SIMONIN M-P, GROSGURIN P, SCHALL R, PORCHET HC. Comparative efficacy of triptorelin palmoate and leuprolide acetate in men with advanced prostate cancer. *British Journal of Urology* 2003; **92**(3): 226-31.
5. PORST H, YOUNG JM, SCHMIDT AC, BUVAT J. Efficacy and tolerability of vardenafil for treatment of erectile dysfunction in patient subgroups. *Urology* 2003; **62**(3): 519-23, 523-4.
6. SCHMIDT AC. Sexual dysfunction. *CME* 2003; **21**(7): 405-12.
7. SCHMIDT AC. Treatment of erectile dysfunction. *The Specialist Forum* 2003: 37-55.
8. VISSER AJ, HEYNS CF. Testicular function after torsion of the spermatic cord. *British Journal of Urology* 2003; **92**(3): 200-3.

### Referate internasionaal/Papers international

1. DU TOIT DF, SCHMIDT A, GELDENHUYS KM, WILLIAMS RP, MATTYSEN J, MULLER CJF, HEYNS CF, HOOGLAND PVJM. *Human male urethra: Latex visualization of the cadaveric corpus spongiosum*. 33rd Annual Conference of the Anatomical Society of Southern Africa. Golden Gate, Bloemfontein, South Africa, 2003.
2. HEYNS CF. *Pandemics old and new: TB and AIDS in Africa. State of the art lecture*. 28th Congress of the European Association of Urology. Madrid, Spain, 2003.
3. HEYNS CF, MATHEE S, KHARWA A, ISAACS A. *Problems with early detection of prostate cancer in the primary health care setting in South Africa*. Congress of the Pan-African Urological Surgeons' Association (PAUSA). Abuja, Nigeria, 2003.
4. HEYNS CF, MATHEE S, KHARWA A, ISAACS A, DE BEER PM. *Problems with early detection of prostate cancer in the primary health care setting in South Africa*. SIU Congress on Uro-Oncology. Sharm El Sheikh, Egypt, 2003.
5. HEYNS CF, NAIDOO A, THERON PD, AZIZ NA. *A prospective study of peri-prostatic lignocaine injection versus intrarectal lignocaine or placebo gel for transrectal ultrasound (TRUS) guided prostate biopsy*. SIU Congress on Uro-Oncology. Sharm El-Sheikh, Egypt, 2003.
6. HEYNS CF, THERON PD, ELLMANN A, MOLLER A, BATES WD. *Evaluation of dynamic sentinel lymph node localization by means of scintigraphy in patients with squamous carcinoma of the penis*. SIU Congress on Uro-Oncology. Sharm El-Sheikh, Egypt, 2003.
7. NAIDOO A, HEYNS CF, THERON PD, AZIZ NA. *A prospective study of peri-prostatic lignocaine injection versus intrarectal lignocaine or placebo gel for transrectal ultrasound (TRUS) guided prostatic biopsy*. Congress of the Pan-African Urological Surgeons' Association (PAUSA). Abuja, Nigeria, 2003.
8. SCHMIDT AC. *The revolution in erectile dysfunction treatment – medical background and patient needs*. 4th Biennial Congress of African Society of Sexual & Impotence Research (ASSIR). Marrakech, Morocco, 2003.
9. SCHMIDT AC, KLONER RA, NORENBURG C, GLASSER SP, POMERANTZ K, SEGERSON T, MOHAN P, PORST H. *Analysis of five placebo-controlled clinical trials on the cardiovascular safety of the selective PDE5 inhibitor Vardenafil in patients with erectile dysfunction*. 4th Biennial Meeting of African Society of Sexual & Impotence Research (ASSIR). Marrakech, Morocco, 2003.

10. VISSER AJ, HEYNS CF. *Torsion of the testis – a review*. Congress of the Pan-African Urological Surgeons' Association (PAUSA). Abuja, Nigeria, 2003.

### Referate nasionaal/Papers national

1. NAIDOO A, HEYNS CF, THERON PD, AZIZ NA. *A prospective study of peri-prostatic lignocaine injection versus intrarectal lignocaine or placebo gel for transrectal ultrasound (TRUS) guided prostatic biopsy*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

### Doktoraal lopend/Doctoral current

1. SCHMIDT AC. *Prostaglandien E1 in die behandeling van erektilie disfunksie*. DMed Promotor: Prof CF Heyns.

### Magister afgehandel/Master's completed

1. VISSER AJ. *Torsion of the testis: a review of the literature and critical analysis*. MMed, 2003. 150 pp. Studieleier: Prof CF Heyns.

### Magister lopend/Master's current

1. BOTHA AA. *A prospective randomized comparison of antegrade scrotal sclerotherapy versus microsurgical inguinal varicocelectomy in the treatment of varicocele of the testis*. MMed Studieleier: Prof CF Heyns.
2. NAIDOO A. *A prospective randomized comparison of intrarectal lignocaine gel versus periprostatic lignocaine injection as analgesia for transrectal prostate biopsy*. MMed Studieleier: Prof CF Heyns.

<p style="text-align: center;"><b>VERLOSKUNDE EN GINEKOLOGIE</b> <b>(waarby ingesluit die Navorsingseenheid vir Perinatale Mortaliteit) /</b> <b>OBSTETRICS AND GYNAECOLOGY</b> <b>(including the Perinatal Mortality Research Unit)</b></p>
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### Tydskrifartikels/Journal articles

1. BASTIAAN HS, WINDT M-L, MENKVELD R, KRUGER TF, OEHNINGER SC, FRANKEN DR. The relationship between zona pellucida induced acrosome reaction (ZIAR), sperm morphology, sperm-zona pellucida binding and *in vitro* fertilization. *Fertility and Sterility* 2003; **79**(1): 49-55.
2. BOTHA MH. Herpes simplex type II. *MIMS* 2003; **1**: 291-296.
3. DE BRUIJN JM, KRUGER TF, VAN DER MERWE JP, STANDER FSH, LOMBARD CJ. Factors affecting pregnancy outcome in a gamete intrafallopian transfer (GIFT) programme. *South African Medical Journal* 2003; **93**(7): 532-536.
4. DEPREST J, GRATACOS E, GEERTS LTGM, VAN SCHOUBROECK D, NICOLAIDES KH. Percutaneous single port fetal endotracheal occlusion (FETO) for prenatal therapy of severe diaphragmatic hernia. *American Journal of Obstetrics and Gynecology* 2003; **187**(6): S.
5. DU BUISSON J, BOTHA MH. A case report of malignant transformation in mature cystic teratomata in two patients with completely different outcomes – can we learn a lesson? *Obstetrics & Gynaecology Forum* 2003; **13**(1): 20-23.
6. FRANKEN DR. African experience with sperm morphology training courses. *Reproductive BioMedicine Online* 2003; **7**(1): 114-119.
7. FRANKEN DR, MENKVELD R, KRUGER TF, SEKADDE-KIGONDU C, LOMBARD CJ. Monitoring technologist reading skills in a sperm morphology quality control program. *Fertility and Sterility* 2003; **79**(3): 1637-1643.



8. GEBHARDT GS, HALL DR. Inherited and acquired thrombophilias and poor pregnancy outcome: should we be treating with heparin? *Current Opinion in Obstetrics and Gynecology* 2003; **15**: 501-506.
9. HALL DR. Birth weight and gestational age as predictors of outcome in preterm deliveries for severe preeclampsia. *Journal of Tropical Paediatrics* 2003; **49**: 178-180.
10. HENKEL R, HAJIMOHAMMAD M, STALF T, HOOGENDIJK CF, MEHNERT C, MENKVELD R, SCHILL W-B, KRUGER TF. DNA fragmentation of spermatozoa and assisted reproduction technology. *Reproductive BioMedicine Online* 2003; **7**: 44-51.
11. HENKEL R, MAAB G, HAJIMOHAMMAD M, MENKVELD R, STALF T, VILLEGAS J, SANCHEZ R, KRUGER TF, SCHILL W-B. Urogenital inflammation: changes of leucocytes and ROS. *Andrologia* 2003; **35**: 309-313.
12. HOFFMAN M, COOPER D, CARRARA H, ROSENBERG L, KELLY J, STANDER I, WILLIAMSON A-L, DENNY L, DU TOIT GC, SHAPIRO S. Limited pap screening associated with reduced risk of cervical cancer in South Africa. *International Journal of Epidemiology* 2003; **32**: 573-577.
13. HOOGENDIJK CF, SCHOLTZ CL, PIMSTONE SM, EHRENBORG E, KASTELEIN JJP, DEFESCHE JC, THIART R, DU PLESSIS L, DE VILLIERS JNP, ZAAHL MG, DELPORT R, RUBINSZTEIN DC, RAFFEL LJ, GRIM CE, MEDIENE-BENCHEKOR S, AMOUYEL P, BROUSSEAU T, STEYN K, LOMBARD CJ, HAYDEN MR. Allelic variation in the promoter region of the LDL receptor gene: analysis of an African-specific variant in the FP2 cis-acting regulatory element. *Molecular and Cellular Probes* 2003; **17**: 175-181.
14. KRUGER TF, RODRIGUEZ FARALDO P, GÜNALP S, SANCHEZ SARMIENTO CA, MOLINA R, MENKVELD R, COETZEE K, HOOGENDIJK CF, LOMBARD CJ. What is a normal semen analysis? *Reproductive BioMedicine Online* 2003; **7**: 163-167.
15. LEUNEN K, HALL DR, ODENDAAL HJ, GROVÉ D. The profile and complications of women with placental abruption and intra-uterine death. *Journal of Tropical Paediatrics* 2003; **49**: 231-234.
16. LIAO AW, SEBIRE NJ, GEERTS LTGM, BOWER S, NICOLAIDES KH. Megacystis at 10-14 weeks of gestation: Chromosomal defects and outcome according to bladder length. *Ultrasound Obstetrics and Gynecology* 2003; **21**(4): 338-341.
17. MENKVELD R, EL-GAREM Y, SCHILL W-B, HENKEL R. Relationship between human sperm morphology and acrosomal function. *Journal of Assisted Reproduction and Genetics* 2003; **20**(10): 432-438.
18. MENKVELD R, HUWE P, LUDWIG M, WEIDNER W. Morphological sperm alternations in different types of prostatitis. *Andrologia* 2003; **35**: 288-293.
19. NOSARKA S. Luteal phase support in *in vitro* fertilisation (IVF): literature review. *Obstetrics & Gynaecology Forum* 2003; **1**: 18-19.
20. ODENDAAL ES, STEYN DW, ODENDAAL HJ. Obstetric causes for delivery of very-low-brith-weight babies at Tygerberg Hospital. *South African Medical Journal* 2003; **93**: 61-64.
21. ODENDAAL HJ. Early onset severe pre-eclampsia – give the fetus a better chance. *Journal of Perinatal Medicine* 2003; **31**(1): 72.
22. ODENDAAL HJ. Management of patients with severe pre-eclampsia. *Hypertonia és Nephrologia* 2003; **7**: 77-85.
23. ODENDAAL HJ, BUNN AE. Umbilical artery doppler flow velocity waveforms – a cost-effective way to assess placental function in developing countries. *Journal of Perinatal Medicine* 2003; **31**(1): 108.
24. PRETORIUS JA, HALL DR. Prophylactic antibiotics in obstetrical and gynaecologic surgery. *Obstetrics & Gynaecology Forum* 2003; **13**: 4-10.
25. PRETORIUS JA, RIENHARDT GW. Burch colposuspension: an outdated procedure? *Obstetrics & Gynaecology Forum* 2003; **1**: 11-14.
26. RIENHARDT GW. Oral contraception. *MIMS* 2003; **1**: 313.
27. ROBERTSON M, DE JONG G, MANSVELT EPG. Prenatal diagnosis of congenital leukemia in a fetus at 25 weeks' gestation with Down syndrome: case report and review of literature. *Ultrasound Obstetrics and Gynecology* 2003; **21**: 486-489.

28. ROUX A, HALL DR. Pre-eclampsia, mechanical heart valve prosthesis and prematurity. *Journal of Obstetrics and Gynaecology* 2003; **23**: 75.
29. SLABBERT DR, KRUGER TF, SIEBERT TI, VAN DER MERWE JP. Management of prolactinomas – microadenomas. Is estrogen therapy a safe option? *Obstetrics & Gynaecology Forum* 2003; **1**: 16-17.
30. STEYN DW. Hypertension during pregnancy – what are we talking about. *Obstetrics & Gynaecology Forum* 2003; **1**: 1-2.
31. STEYN DW, HOFMEYR GJ, JACKSON KC, AKAMBARAN A, MACDONALD P, MATSELA L, MOODLEY J, PATTINSON RC, PIRANI NE, SCHOON MG. The magpie study – clinical implications for poor countries. *South African Medical Journal* 2003; **93**(4): 264-265.
32. STEYN PS. Social and ethical issues in genetic engineering research and technology. *Specialist Forum* 2003; **4**: 30-41.
33. STEYN PS, ODENDAAL HJ, SCHOEMAN J, STANDER C, FANIE N, GROVÉ D. A randomised, double-blind placebo-controlled trial of ascorbic acid supplementation for the prevention of preterm labour. *Journal of Obstetrics and Gynaecology* 2003; **23**(2): 150-155.
34. VERWOERD G. Microbicides and HIV. *Specialist Forum* 2003; **8**: 45-49.

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

1. ODENDAAL HJ. *Early onset severe pre-eclampsia – give the fetus a better chance*. The 6th World Congress of Perinatal Medicine. Osaka, Japan, 2003: 72.
2. ODENDAAL HJ, BUNN AE. *Umbilical artery doppler flow velocity waveforms – a cost-effective way to assess placental function in developing countries*. The 6th World Congress of Perinatal Medicine. Osaka, Japan, 2003: 108.

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

1. BASTIAAN HS, FRANKEN DR. *Human sperm hyperactivation following exposure to homogenous zona pellucida*. 8th Meeting of Modern ART & Andrology in the 2000s. Antwerp, Belgium, 2003.
2. BOTHA MH. *Pregnancy after ovarian stimulation with pulsatile GnRh in a patient with Kallman syndrome*. 1st World Congress on Cryopreservation and Ovarian Transplantation. Brussels, Belgium, 2003.
3. DE DEKKER A, KRUGER TF. *Oestrogen supplementation in assisted reproduction: a meta-analysis*. 8th Meeting of Andrology in the 2000s. Antwerp, Belgium, 2003.
4. DU PLESSIS SS, FRANKEN DR, BALDI E, LUCONI M. *PI3K inhibition enhances sperm motility and binding*. Annual Scientific Meeting of the Fertility Society of Australia. Perth, Australia, 2003.
5. FRANKEN DR, DADA OA. *The development of an academic network in Africa: quality control for sperm morphology*. 8th Meeting of Modern ART and Andrology in the 2000s. Antwerp, Belgium, 2003.
6. FRANKEN DR, MENKVELD R. *Technician proficiency during the evaluation of sperm morphology: a model for laboratory directors*. 8th Meeting of Modern ART and Andrology in the 2000s. Antwerp, Belgium, 2003.
7. GEBHARDT GS, HILLERMANN R, CARELSE-TOFA K, ODENDAAL HJ. *Hyperhomocysteinaemia and abruptio placentae-molecular genetic analysis of 100 consecutive cases at Tygerberg Hospital, South Africa*. European Human Genetics Conference. Birmingham, UK, 2003.
8. HALL DR. *Primipaternity and duration of exposure to sperm antigens as risk factors for pre-eclampsia*. Medicine and Pregnancy, Inaugural meeting: International Society of Obstetric Medicine. Fremantle, Australia, 2003.
9. HENKEL R, KIERSPEL E, HAJIMOHAMMAD M, STALF T, HOOGENDIJK CF, MEHNERT C, MENKVELD R, SCHILL W-B, KRUGER TF. *Do reactive oxygen species affect sperm DNA fragmentation, fertilization and pregnancy in IVF?* Joint Annual Meeting of the German Society of Andrology. Munich, Germany, 2003.

10. HENKEL R, KIERSPEL E, HAJIMOHAMMAD M, STALF T, MEHNERT C, HOOGENDIJK CF, MENKVELD R, SCHILL W-B, KRUGER TF. *What causes sperm DNA fragmentation-related pregnancy failure – apoptosis or ROS?* Tagung des Arbeitskreises Molekularbiologie der DGGEF. Giessen, Germany, 2003.
11. HUI LT, MEE HL, LIM A, CHEN HS, KRUGER TF, TEE LS, LING YS. *How best to determine male fertility: simple semen analysis or highly complex sperm function test?* Annual Scientific Meeting. Singapore General Hospital, Singapore, 2003.
12. KRUGER TF. *Sperm morphology and ICSI*. 8th Meeting of Andrology in the 2000s. Antwerp, Belgium, 2003.
13. KRUGER TF. *Tubal versus uterine transfer*. 8th Meeting of Andrology in the 2000s. Antwerp, Belgium, 2003.
14. KRUGER TF, RODRIGUEZ FARALDO P, GÜNALP S, SANCHEZ SARMIENTO CA, MOLINA R, MENKVELD R, COETZEE K, HOOGENDIJK CF, LOMBARD CJ. *What is a normal semen analysis?* 8th Meeting of Andrology in the 2000s. Antwerp, Belgium, 2003.
15. ODENDAAL HJ. *Breech delivery*. Invited lecture, Dept of Obstetrics and Gynaecology, University of Addis Ababa. Addis Ababa, Ethiopia, 2003.
16. ODENDAAL HJ. *Early onset severe pre-eclampsia – give the fetus a better chance*. The 6th World Congress of Perinatal Medicine. Osaka, Japan, 2003.
17. ODENDAAL HJ. *Hypertension in pregnancy*. Invited lecture, Dept of Obstetrics and Gynaecology, University of Addis Ababa. Addis Ababa, Ethiopia, 2003.
18. ODENDAAL HJ. *Key issues in the management of pre-eclampsia: what is essential and what is not?* XVII FIGO World Congress of Gynecology and Obstetrics. Santiago, Chile, 2003.
19. ODENDAAL HJ. *Management of hypertension*. XVII FIGO World Congress of Gynecology and Obstetrics. Santiago, Chile, 2003.
20. ODENDAAL HJ. *Maternal complications of pre-eclampsia: anticipation, monitoring and management*. XVII FIGO World Congress of Gynecology and Obstetrics. Santiago, Chile, 2003.
21. ODENDAAL HJ. *Prevention of abruptio placentae*. Medicine and Pregnancy 2003. Fremantle, Australia, 2003.
22. ODENDAAL HJ. *Umbilical artery Doppler flow velocity waveforms – a cost-effective way to assess placental function in developing countries*. The 6th World Congress of Perinatal Medicine. Osaka, Japan, 2003.
23. ODENDAAL HJ. *Use of umbilical artery velocity waveforms in primary health care*. 3rd Dutch-South African Meeting on Obstetrics and Gynaecology. University of Pretoria, Pretoria, South Africa, 2003.
24. RIENHARDT GW, VAN DER WALT I, ASSASSA P. *The prevalence of urinary incontinence in three different ethnic groups in the Western Cape, South Africa*. Annual Meeting of the International Urogynaecological Association. Buenos Aires, Argentina, 2003.
25. STALF T, HAJIMOHAMMAD M, HOOGENDIJK CF, MEHNERT C, MENKVELD R, GIPS H, SCHILL W-B, KRUGER TF, HENKEL R. *IVF outcome is related to sperm DNA fragmentation but not to apoptosis*. 19th Annual Meeting of the ESHRE. Madrid, Spain, 2003.
26. STEYN DW. *Maternal pulse pressure in severe early onset pre-eclampsia*. 1st Meeting of the International Society of Obstetric Medicine. Fremantle, Australia, 2003.
27. STEYN DW, ODENDAAL HJ, KIRSTEN GF. *Mental development in children six years after in utero exposure to ketanserin – a follow-up study of a randomised controlled trial*. 3rd Meeting of the Dutch/South African Obstetricians and Gynaecologists. Pretoria, South Africa, 2003.
28. STEYN PS, MOUTON J. *Are we doing enough regarding sexual education?* The AGM and Annual Symposium of the Faculty of Family Planning and Reproductive Health of the Royal College of Obstetricians and Gynaecologists. Manchester, UK, 2003.
29. STEYN PS, MOUTON J. *Are we doing enough regarding sexual education?* 4th Conference on Controversies in Obstetrics and Gynaecology. Berlin, Germany, 2003.

30. STEYN PS, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour in a developing country*. The AGM and Annual Symposium of the Faculty of Family Planning and Reproductive Health Care of the Royal College of Obstetricians and Gynaecologists. Manchester, UK, 2003.
31. STEYN PS, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour*. 4th Conference on Controversies in Obstetrics and Gynaecology. Berlin, Germany, 2003.
32. STEYN PS, REINDERS J, FOSTER P, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour*. International Conference on Sexual Behaviour Change: Challenges and Experiences. Royal Tropical Institute, Amsterdam, Netherlands, 2003.
33. STEYN PS, REINDERS J, FOSTER P, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour*. World Population Foundation. Hilversum, Netherlands, 2003.
34. STEYN PS, ROETS P, FOSTER P. *Development of a 24-hour hotline for youth emergency contraceptive services in the Western Cape Province*. World Population Foundation. Hilversum, Netherlands, 2003.
35. THERON GB. *The effectiveness of the Maternal Care Manual of the Perinatal Education Programme to improve antenatal and intrapartum knowledge, skills and attitudes of midwives*. ECSAOGS. Mombasa, Kenya, 2003.
36. THERON GB. *HIV/AIDS during pregnancy*. Evidence Based Perinatal Care with Limited Resources. Gotland, Sweden, 2003.
37. THERON GB, MANGATE HL. *Obstetric haemorrhage savings mothers report 1999-2001*. Evidence Based Perinatal Care with Limited Resources. Gotland, Sweden, 2003.
38. THERON GB, WOODS DL. *The perinatal education programme. An innovative learning programme used in Southern Africa*. Evidence-based Perinatal Care with Limited Resources. Gotland, Sweden, 2003.
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2. BASTIAAN HS, FRANKEN DR. *Human spermatozoa hyperactivation following exposure to homogenous zona pellucida*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
3. BENECKE C, SIEBERT TI, KRUGER TF, GROVÉ D. *Antepartum and intrapartum complications in grandmultipara compared to multipara at Tygerberg Hospital*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
4. BOTHA MH. *Locally advanced cervix cancer with single (solitary) pulmonary nodule. Case report and review of the literature*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
5. BOTHA MH. *Vaginal hysterectomy – neglected cousin?* Gynaecological Surgery Symposium. Cape Town, 2003.
6. DE JONG G. *Otocephaly spectrum*. 10th Biennial Congress of the Southern African Society of Human Genetics. Pretoria, 2003.
7. DE JONG G, WHITEHEAD CB, MULLER L, KOTZE MJ, WARNICH L. *Autosomal recessive deafness and Connexin 26 and 30 (GJB2 and 6 gene) mutations in a South African population*. 10th Biennial Congress of the Southern African Society of Human Genetics. Durban, 2003.

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11. FRANKEN DR. *African experience with sperm morphology quality control.* South African Sperm and Embryo Group. University of Pretoria, Pretoria, 2003.
12. FRANKEN DR, DADA OA. *The development of an academic network in Africa: quality control for sperm morphology.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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14. GEBHARDT GS. *What is new in endometrial cancer research?* The 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
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16. GEBHARDT GS, HILLERMANN R, CARELSE-TOFA K, ODENDAAL HJ, STEEGERS E. *Maternal and fetal single nucleotide polymorphisms in the epoxide hydrolase and glutathione S-Transferase P1 genes are not associated with pre-eclampsia in the coloured population of the Western Cape, South Africa.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
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19. HALL DR. *Birth weight and gestational age as predictors of outcome in preterm deliveries for severe pre-eclampsia.* 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
20. HALL DR. *Primipaternity and duration of exposure to sperm antigens as risk factors for pre-eclampsia.* 3rd Annual Congress of the Society of Midwives of South Africa. Cape Town, 2003.
21. HALL DR. *Suppression of preterm labour with nifedipine.* Symposium on Preterm Labour. Faculty of Health Sciences, Stellenbosch University, Tygerberg, 2003.
22. HALL DR, ODENDAAL HJ, STEYN DW. *Expectant management of severe pre-eclampsia in the mid-trimester.* 22nd Conference on Priorities in Perinatal Care in Southern Africa. Aventura Aldam, Bloemfontein, 2003.
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57. STEYN PS. *Adolescent reproductive health: should we teach in schools?* Pre-SASOG-Conference Workshop. Durban, 2003.
58. STEYN PS. *Cardiovascular effects of combined oral contraception.* The 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
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61. STEYN PS, MOUTON J. *Development and validation of a CD-ROM information package for adolescents on high-risk behaviour.* Joint Population Conference: Urban and Rural Sustainable Development. Potchefstroom, 2003.
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63. STEYN PS, MOUTON J. *Development and validation of a questionnaire and CD-ROM information package on high-risk behaviour and reproductive health education in adolescents.* The 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
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75. TSOI E, GEERTS LTGM, NICOLAIDES KH, ODENDAAL HJ. *Ultrasound assessment of cervical length in threatened preterm labour*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
76. VAN DER MERWE JP, KRUGER TF, HULME VA. *The cumulative pregnancy rate following ablative surgery in patients with endometriomas*. The 28th Congress of the South African Society of Obstetricians and Gynaecologists. Durban, 2003.
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1. DE BRUIJN JM, KRUGER TF. Immunisation during pregnancy. In: Cronje HS, Grobler CJF, (eds). *Obstetrics in Southern Africa*. Van Schaik Publishers, Pretoria, South Africa, 2003: 9.
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8. HALL DR. Prolonged pregnancy. In: Cronje HS, Grobler CJF, (eds). *Obstetrics in Southern Africa*. Van Schaik Publishers, Pretoria, South Africa, 2003: 6.
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15. ODENDAAL HJ. Poor progress during the first stage of labour. In: Cronje HS, Grobler CJF, (eds). *Obstetrics in Southern Africa*. Van Schaik Publishers, Pretoria, South Africa, 2003: 11.
16. ODENDAAL HJ. Pre-pregnancy counselling. In: Van der Spuy ZM, Anthony J, (eds). *Handbook of Obstetrics and Gynaecology*. Oxford University Press, Cape Town, South Africa, 2002: 6.
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### **Doktoraal lopend/Doctoral current**

1. TINNEY GM. *Assisted hatching: zona laser treatment of murine and human embryos*. PhD Promotor: Dr M-L Windt.

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

1. ROETS P. *Induction of labour for severe pre-eclampsia after 34 weeks*. MMed, 2003. 35 pp. Studieleier: Dr PS Steyn.

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

<b>GEMEENSKAPGESONDHEID / COMMUNITY HEALTH</b>
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### **Tydskrifartikels/Journal articles**

1. BARNES JM, PRINSLOO E, RETIEF FW, CALITZ J. Smoking among nursing staff at Tygerberg Hospital, Cape Town. *South African Medical Journal* 2003; **93**(9): 661-663.

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

1. BAWOODIEN A, DE VILLIERS MR, METHAR S, BESTER R. *Experiences of students during first rural rotation at the University of Stellenbosch, South Africa*. The Network Towards Unity for Health (TUFH). Newcastle, Australia, 2003.

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

1. BARNES JM, SLABBERT MM, HAASBROEK PD, HUISAMEN A. *Monitoring Escherichia coli as indicator of faecal pollution of a river below a dense settlement – seasonal variation and correlation with chemistry and weather data*. Annual Congress of the South African Society for Veterinary Epidemiologists. Pretoria, 2003.
2. BARNES JM, SLABBERT MM, LIEBOWITZ L, HAASBROEK PD, HUISAMEN A. *Seasonal variation of faecal pollution in the Plankenbrug River using Escherichia coli as indicator organism – interpretational difficulties when assessing sanitation interventions*. International Water Association Symposium. Cape Town, 2003.

3. BARNES JM, TAYLOR MB, NADAN S, VAN ZYL WB, VENTER JME, PAVLOV D, POTGIETER N. *Application of integrated-cell culture RT-PCRs to determine the occurrence of enteric viruses in irrigation water and associated minimally processed foods*. International Water Association Symposium. Cape Town, 2003.
4. BARNES JM, WASSERMAN E, SLABBERT MM. *Escherichia coli as an indicator of microbiological water quality in the Plankenbrug river – what other pathogens does it indicate?* Annual Congress of the South African Society for Veterinary Epidemiologists. Pretoria, 2003.

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## HUISARTSKUNDE EN PRIMÊRE SORG / GENERAL PRACTICE AND PRIMARY CARE

### Tydskrifartikels/Journal articles

1. BEKKER D, VAN VELDEN DP. Alcohol misuse in patients attending a defence force general medical clinic. *South African Family Practice* 2003; **45**(2): 10-15.
2. DE KLERK H, DE VILLIERS PJT, ISAACS S. Prevalence and characteristics of erectile dysfunction in black and mixed race primary care populations of the Cape Flats and Helderberg Basin area of the Western Cape, South Africa. *South African Family Practice* 2003; **45**(1): 14-20.
3. DE VILLIERS MR. To CPD or not to CPD. *South African Family Practice* 2003; **45**(3): 3.
4. DE VILLIERS MR. Leading the Academy – a personal journey. *South African Family Practice* 2003; **45**(9): 3.
5. DE VILLIERS MR. SA Academy of Family Practice/Primary Care National Chairperson's Annual Report, November 2002 – October 2003. *South African Family Practice* 2003; **45**(9): 50-52.
6. DE VILLIERS MR. SA Academy of Family Practice/Primary Care, National Chairman's Report, November 2001 – November 2002. *South African Family Practice* 2003; **26**(1): 21.
7. DE VILLIERS MR, BRESICK G, MASH B. The value of small group learning: an evaluation of an innovative CPD programme for primary care medical practitioners. *Medical Education* 2003; **37**: 815-821.
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9. DE VILLIERS PJT. Errors in family practice. *South African Family Practice* 2003; **45**(2): 3.
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11. DE VILLIERS PJT. Focusing on rural health. *South African Family Practice* 2003; **45**(5): 3.
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13. DE VILLIERS PJT, GREEFF D. South African family practice incorporating geneeskunde. *South African Family Practice* 2003; **45**(1): 3.
14. HEYNS CF, MATHEE S, ISAACS A, KHARWA A, DE BEER PM, PRETORIUS MA. Problems with prostate specific antigen screening for prostate cancer in the primary healthcare setting in South Africa. *British Journal of Urology* 2003; **91**(9): 785-788.

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16. KAPP R. Five myths in general practice – a novice's viewpoint. *South African Family Practice* 2003; **45**(3): 8-9.
17. MASH B. Motivating behaviour change in the diabetic patient – diabetes is a chronic, manageable condition which requires major changes in lifestyle to optimise that management. *CME* 2003; **21**(10): 592-598.
18. MASH B, LEVITT N. Improving the quality of diabetic care. *CME* 2003; **21**(10): 562-563.
19. MOODLEY K. To prescribe or not to prescribe. *South African Family Practice* 2003; **45**(1): 4.
20. MOODLEY K, MYER L. Participant remuneration for research – how much is enough? *South African Medical Journal* 2003; **93**(9): 677-678.
21. VAN DEN BERG LP, DE VILLIERS MR. CPD – The learning preferences of general practitioners. *South African Family Practice* 2003; **45**(3): 10-12.
22. VAN VELDEN DP, MANSVELT EPG. South African dietary guidelines. *South African Journal of Clinical Nutrition* 2003; **16**(4): 2.

### Referate internasionaal/Papers international

1. BAWOODIEN A, DE VILLIERS MR, METHAR S, BESTER R. *Experiences of students during first rural rotation at the University of Stellenbosch, South Africa*. The Network Towards Unity for Health (TUFH). Newcastle, Australia, 2003.
2. DE VILLIERS PJT, GREYLING M, TAYLOR C M, DE VILLIERS C T, BREEDT H, ASPINALL S. *Efficacy of a live, attenuated, influenza virus vaccine in South African adults aged 60 years or older against community-acquired culture-confirmed influenza*. Options for control of Influenza V. Bankoku-Shinryokan, Okinawa, Japan, 2003.
3. HILL P. *Diabetes mellitus, more than just glucose*. 6th Wonca Rural Health Conference. Santiago, Spain, 2003.
4. MASH B. *The development of distance education for general practitioners on common mental disorders through PAR*. ALARPM 6TH and PAR 10th World Congress. Pretoria, South Africa, 2003.
5. VAN VELDEN DP, MANSVELT EPG, WOLMARANS P, FOURIE E, NEL DG, MARAIS AD, BLACKHURST DM. *The influence of a Mediterranean-like diet with and without red wine on the criteria related to the metabolic syndrom*. International Conference on Health Benefits of Mediterranean Diet Highlights on Cancer and Cardiovascular Diseases. Heraklion, Crete, Greece, 2003.

### Referate nasionaal/Papers national

1. BLACKHURST DM, VAN VELDEN DP, MANSVELT EPG, MARAIS AD, FOURIE E, WOLMARANS P, LEVEY MJ. *The lipid peroxidation status of LDL after a Mediterranean-like diet with and without red wine*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
2. COUPER I, CONRADIE H. *Role of private GP in rural areas*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
3. DE KLERK H, DE VILLIERS PJT. *Erectile dysfunction in urban mixed race and black males*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
4. DE VILLIERS MR. *Doctors' views of working conditions in rural hospitals*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
5. DE VILLIERS MR. *The role of the district hospital in the district health system*. Public Health 2003 Conference. Cape Town, 2003.
6. DE VILLIERS MR, BRESICK G, MASH B. *The value of small group learning: an evaluation of an innovative programme for primary care medical practitioners*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
7. DE VILLIERS MR, KHARWA A. *The post diagnosis management of cancer patients at primary care level*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

8. DE VILLIERS PJT. *The publication output of the Departments of Family Medicine in South Africa 1998-2002*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
9. HILL P. *General approach to the emergency patient*. 7th Annual Rudasa Conference. Worcester, 2003.
10. HILL P. *Skin repair and minor plastic surgery*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
11. ISAACS A. *The psychological aspects of an unsuccessful resuscitation*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
12. ISAACS A, PATHER MK. *The psychological aspects of an unsuccessful resuscitation - the families and doctors' experience of the unexpected death of a patient*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
13. MADIKIZA F, MOODLEY K. *HIV/AIDS awareness and behavioural practices amongst black South African patients attending a general practice in Guguletu, Western Cape, South Africa*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
14. MANSVELT EPG, VAN VELDEN DP, FOURIE E, ROSSOUW MH, WOLMARANS P, VAN RENSBURG SJ, SMUTS CM, NEL DG. *Platelet and haemostatic changes after a Mediterranean-like diet complemented with red wine*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
15. MASH B. *Student evaluation of postgraduate education in family medicine by web-based distance education*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
16. NIZAMI T. *Compliance with inhaled steroids in adult asthmatics: experience at a primary health care centre*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
17. NIZAMI T, MASH B. *Compliance with inhaled steroids in adult asthmatics: experience at a primary health care centre*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.
18. VAN VELDEN DP. *Wine and health/relation with insulin resistance syndrome*. 12th National Family Practitioners Congress. Stellenbosch, 2003.
19. VAN VELDEN DP, MANSVELT EPG, WOLMARANS P, FOURIE E, NEL DG, MARAIS AD, BLACKHURST DM. *The influence of a Mediterranean-like diet with and without red wine on the criteria related to the metabolic syndrome*. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

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

1. DE VILLIERS MR. *The development of content and methods for maintenance of competence of generalist medical practitioners delivering district hospital services*. PhD, 2003. 300 pp. Promotor: Prof PJT de Villiers.

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

1. GOEDHALS C. *Evaluation of referrals to and appropriate use of the West Coast Hospice, Cape Town*. MFamMed, 2003. 28 pp. Studieleier: Prof B Mash.
2. KHARWA A. *The post-diagnosis management of cancer patients at primary care level*. MFamMed, 2003. 40 pp. Studieleier: Prof MR de Villiers.
3. LIPINSKI S. *A critical evaluation of West African hypertensive patients – experience of an inner city practice in London, United Kingdom*. MFamMed, 2003. 32 pp. Studieleier: Dr MK Pather.
4. MADIKIZA F. *HIV/AIDS awareness and behavioural practices amongst black South African patients attending a general practice in Guguletu, Western Cape, South Africa*. MFamMed, 2003. 34 pp. Studieleier: Dr K Moodley.
5. NIZAMI T. *Compliance with inhaled steroids in adult asthmatics: experience at a Primary Health Care Centre*. MFamMed, 2003. 54 pp. Studieleier: Prof B Mash.
6. VAN ROOYEN S. *Survey of nutritional knowledge of general practitioners in private practice in Windhoek*. MFamMed, 2003. 63 pp. Studieleier: Dr J Barnes.

**Magister Iopend/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. BILA NCD. *An investigation into the level of knowledge about scabies among women living in Grahamstown area and its effects in the community.* MFamMed Studieleier: Prof PJT de Villiers.
3. CHANGWA C. *The evaluation of risk factors for ischemic heart disease in Community Health Centres in the Cape Town Metropole.* MFamMed Studieleier: Dr MK Pather.
4. CHIBILITI S. *Why are women having termination of pregnancy? Is it failed contraception, HIV, lack of support from partner, economic hardship or other reasons.* MFamMed Studieleier: Dr A Bawoodien.
5. CONRADIE H. *Die gebruik van alternatiewe geneeskunde deur pasiente in die algemene praktyk in die Wellington area.* MFamMed Studieleier: Dr DP van Velden.
6. 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: Prof PJT de Villiers.
7. ESTERHUIZEN Z. *The evaluation of advantages of goats milk in children in a Worcester squatter camp.* MFamMed Studieleier: Dr P van der Merwe.
8. GROBBELAAR N. *Beskik en behou staats hospitale mediese beamptes met vaardighede om die kernpakket van dienste suksesvol te implimenteer.* MFamMed Studieleier: Prof MR de Villiers.
9. HAGEMANN J. *Sal 'n asmvoorligtingsprogram soos aangebied deur 'n verpleegkundige "asma spesialis" in 'n buite-pasiente afdeling van 'n distrik (sekondêre) hospitaal van waarde wees in terme van koste effektiwiteit en akute opnames.* MFamMed Studieleier: Dr DP van Velden.
10. 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 PJT de Villiers.
11. JASCHINSKI J. *Are students adequately trained at medical school to deal with work requirements at district hospitals.* MFamMed Studieleier: Prof MR de Villiers.
12. JOSIAS J. *The evaluation of breast lumps in patients presenting at community health centres in the Cape Metropole.* MFamMed Studieleier: Dr MK Pather.
13. KROMBEIN IW. *Breast cancer, early detection and screening in South African coloured women in the Western Cape: knowledge, attitudes and practices.* MFamMed Studieleier: Prof PJT de Villiers.
14. 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.
15. 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: Prof B Mash.
16. MARSZALEK J. *Morbidity profile of patients admitted to GF Jooste Hospital, Manenberg, Cape Town. The aim of research is to identify changes in morbidity for last three years.* MFamMed Studieleier: Prof PJT de Villiers.
17. MPHATSOE D. *Increased rate of missed opportunities for cervical screening.* MFamMed Studieleier: Dr MK Pather.
18. MUGERGWA A. *Teenage pregnancy and predisposing factors in the rural community of Peddie and what intervention programmes are most likely to alleviate the problem.* MFamMed Studieleier: Dr A Klop.
19. MYINT TM. *How do people react to the bad news of a HIV positive result in primary care.* MFamMed Studieleier: Prof B Mash.
20. NICOLAAI N. *How can I prevent the spread of the human papillomavirus (HPV) as the main cause for abnormal cervical smears results and how can I manage it effectively if a young female present with a abnormal smear?* MFamMed Studieleier: Dr MK Pather.

21. PETERS I. *Lifestyle habits and perceived quality of life in a convenience sample of an Eerste River GP population.* MFamMed Studieleier: Dr DP van Velden.
22. PRETORIUS LW. *What is the spectrum of activity at my surgery. "Activity" will be defined as both diagnostic and therapeutic interventions.* MFamMed Studieleier: Prof PJT de Villiers.
23. SCHOEMAN S. *The clinical spectrum and financial burden of HIV infected children in a regional hospital in South Africa.* MFamMed Studieleier: Dr MK Pather.
24. 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 PJT de Villiers.
25. SMIT T. *To do a research project on the epidemiology of the practice that I am working at.* MFamMed Studieleier: Prof PJT de Villiers.
26. 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 MR de Villiers.
27. STEYN F. *Die impak van psoriase op die lewenskwaliteit van pasiënte.* MFamMed Studieleier: Prof J Cilliers.
28. VAN NIEKERK P. *Morbiditeitsprofiel van praktyk.* MFamMed Studieleier: Prof PJT de Villiers.
29. 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 internasionaal/Papers international

1. BESTER ME. *Preparing our nurses for a computerized world – is it possible?* International Nursing Conference. University of Technology, Brisbane, Australia, 2003.
2. WELMANN EB. *Nursing education in South Africa: where are we heading?* International Nursing Conference. University of Technology, Brisbane, Australia, 2003.

### Magister afgehandel/Master's completed

1. BARLOW H. *An evaluation of neonatal nursing care in selected hospitals in the Western Cape.* MCur, 2003. 117 pp. Studieleier: Dr ME Bester.
2. DIKLOTLA NJ. *An evaluation of the nursing component of a selected primary health care service.* MCur, 2003. 158 pp. Studieleier: Prof EB Welmann.
3. DLAMINI TP. *Evaluation of intrapartum care in referral hospitals in Swaziland.* MCur, 2003. 154 pp. Studieleier: Dr ME Bester.
4. ENGEL AA. *Afbakening van die rol en funksies van die forensiese psigiatriese verpleegkundige in 'n geselekteerde eenheid in die Wes-Kaap.* MCur, 2003. 225 pp. Studieleier: Dr ME Bester.
5. JANSE VAN RENSBURG N. *'n Evaluasie van voorgeboortesorg in die Overbergstreek: 'n verpleegperspektief.* MCur, 2003. 182 pp. Studieleier: Dr ME Bester.
6. NKUTU TN. *Perceptions of student nurses regarding teaching in a selected institution in the Eastern Cape.* MCur, 2003. 136 pp. Studieleier: Dr ME Bester.
7. SMIT I. *'n Evaluering van die voorkoms van perineale trauma tydens verlossings in openbare gesondheidsinstellings in die Wes-Kaap: 'n verpleegkundige perspektief.* MCur, 2003. 258 pp. Studieleier: Dr ME Bester.

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

1. ASIA I. *Tiener en seksualiteit*. MCur Studieleier: Prof EB Welmann.
2. BELL JD. *Scope of practice of registered nurses in intensive care units*. MCur Studieleier: Prof EB Welmann.
3. BEYERS EE. *Formulation of guidelines on MRSA infection in an intensive care unit*. MCur Studieleier: Dr ME Bester.
4. CLAYTON SP. *Evaluation of a PMCT programme in selected communities*. MCur Studieleier: Dr ME Bester.
5. DAMONS A. *Evaluasie van verpleegsorg van pasiënte met eindstadium nierversaking*. MCur Studieleier: Dr ME Bester.
6. GELDENHUYES EA. *Evaluering van professionele gedragsake van verpleegkundiges*. MCur Studieleier: Prof EB Welmann.
7. GRANGER G. *Evaluation of a Kangaroo mother programme in a hospital in the Emirates*. MCur Studieleier: Dr ME Bester.
8. KLEYNHANS I. *Implementation of a protocol for extubation of post-coronary bypass patients in a selected hospital in Ireland*. MCur Studieleier: Dr ME Bester.
9. NDUNGANE BP. *Support of student nurses completing the bridging course in selected institutions in the Western Cape*. MCur Studieleier: Dr ME Bester.
10. SONTYALE UK. *Evaluation of care in selected prisons: a nursing perspective*. MCur Studieleier: Prof EB Welmann.
11. THEO SP. *Ondersoek na dienstevredenheid van geregistreerde verpleegkundiges by selektiewe hospitale*. MCur Studieleier: Dr ME Bester.
12. VAN REENEN R. *Die invloed van opleiding aan tradisionele gesondheidswerkers op borsvoedingpraktyke van kliënte in geselekteerde plattelandse gemeenskappe in die Wes-Kaap*. MCur Studieleier: Dr ME Bester.
13. VOLLENHOVEN SM. *Evaluation of nursing care in a primary health care setting*. MCur Studieleier: Prof EB Welmann.
14. WICHERS MG. *Transkulturele verpleging in geselekteerde hospitale in die Wes-Kaap*. MCur Studieleier: Prof EB Welmann.
15. ZULU NP. *Evaluation of nursing students performance*. MCur Studieleier: Dr ME Bester.

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

<p><b>SENTRUM VIR GESTREMDE SORG EN REHABILITASIE / CENTRE FOR DISABLED CARE AND REHABILITATION</b></p>
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### **Referate internasionaal/Papers international**

1. MJI G. *Community-based rehabilitation – a fashion or future*. 14th World WCPT Congress. Barcelona, Spain, 2003.

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

1. MJI G. *Building community partnerships for student learning – experiences gained and lessons learnt by the UCT Faculty of Health Sciences*. RUDASA. Worcester Technikon, Worcester, 2003.
2. MJI G. *Disability prevention*. Social Development and Disability Conference. Cape Town, 2003.



3. MJI G. The implementation of an integrated national disability strategy in an institution of higher learning. 47th Academic Year Day, Faculty of Health Sciences, Stellenbosch University. Tygerberg, 2003.

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

1. COETZEE C. *Motoriese ontwikkeling en selfkonsep – 'n intervesiestudie*. MPhil, 2003. 95 pp. Studieleier: Me JA Hendry.

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

1. BANDA M. *Community-based rehabilitation – a Zambian perspective*. MSc Studieleier: Me JA Hendry.
2. DE BRUYN D. *Review of the rehabilitation process of 13 to 16 year old youth in conflict with the law, assessed at the Macassar arrest, assessment and referral centre*. MPhil (Rehabilitasie) Studieleier: Me JA Hendry.
3. GOVENDER P. The insight (attitudes, knowledge and beliefs) that Mitchells Plain teachers have with regard to learning disabilities of grade 1, 2, 3, and 4 learners. MPhil (Rehabilitasie) Studieleier: Me G Mji.
4. HASSAN AM. The impact of stroke on the primary caregiver. MPhil (Rehabilitasie) Studieleier: Me G Mji.
5. HENN R. Comparison of the FIM motor score and the needs assessment checklist during the rehabilitation of complete paraplegics. MPhil (Rehabilitasie) Studieleier: Me G Mji.
6. HLONGWANE NM. *The incidence of pressure sores in the acute phase of rehabilitation in patients with traumatic spinal cord injuries admitted to the Conradie Hospital Spinal Unit, between 1 January 1999 and 31 December 2001*. MPhil (Rehabilitasie) Studieleier: Me G Mji.
7. JORDAAN DN. *The knowledge of registered nurses regarding skin integrity, foot care and nutrition of a diabetic client with a stroke*. MPhil (Rehabilitasie) Studieleier: Me G Mji.
8. LEICHTFUSS U. *Stroke rehabilitation: a study of the decisions involved in determining choice of post stroke care facility*. MPhil (Rehabilitasie) Studieleier: Me G Mji.
9. MELLING-WILLIAMS NM. *The parental compliance with therapy home programmes within a school for learners with special educational needs – an exploratory study*. MSc Studieleier: Me G Mji.
10. MNTWANA N. *To explore the health seeking behaviour of clients presenting with minor ailments attending community health centers Khayelitsha site B, Michael Mapongwana and Phillipi*. MSc Studieleier: Me G Mji.
11. PARBHOO A. *Parents/primary caregivers views of the Burns Rehabilitation Program at the Red Cross Children's Hospital – a descriptive study*. MSc Studieleier: Me G Mji.
12. PARKER S. *The impact of emotional support during rehabilitation on satisfaction with living and quality of life of the spinal cord injured individual – an exploratory study*. MSc Studieleier: Me G Mji.
13. VOSLOO S. *The functioning of primary school learners with paraplegia in mainstream schools – an exploratory study*. MPhil (Rehabilitasie) Studieleier: Me G Mji.
14. ZONKE M. *The indigenous knowledge (and attitudes) of older persons living in Khayelitsha and Phillipi regarding the management of minor health ailments*. MSc Studieleier: Me G Mji.

# SKOOL VIR MONDHEELKUNDE / SCHOOL OF DENTISTRY

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

## **Tydskrifartikels/Journal articles**

1. SHIPTON EA, ROELOFSE JA, BLIGNAUT RJ. An evaluation of analgesic efficacy and clinical acceptability of intravenous tramadol as an adjunct to propofol sedation for third molar surgery. *Anesthesia Progress* 2003: 121-128.

## **PROSTODONSIE / PROSTODONTICS**

## **Tydskrifartikels/Journal articles**

1. OBERHOLZER TG. Management of microleakage in dental compomers. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(2): 74.
2. OBERHOLZER TG. The reduction of postoperative pain after amalgam fillings. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(2): 74-75.

## **Referate nasionaal/Papers national**

1. GEERTS GAVM, STUHLINGER M, BASSON NJ. *Effect of antifungal denture liners on saliva yeast count: Preliminary Results*. XXXVII Scientific Congress of the South African Division of the IADR. Cape Town, 2003.

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

1. ADAM RZ. *Do complete dentures improve the quality of life of patients?* MSc Studieleier: Prof GAVM Geerts.

## **TOEGEPASTE MONDHEELKUNDE / APPLIED ORAL SCIENCES**

## **Tydskrifartikels/Journal articles**

1. OBERHOLZER TG, GROBLER SR, PAMEIJER CH, HUDSON APG. The effects of light intensity and method of exposure on the hardness of four light-cured dental restorative materials. *International Dental Journal* 2003; **53**: 211-215.
2. OBERHOLZER TG, PAMEIJER CH, GROBLER SR, ROSSOUW RJ. Effect of power density on shrinkage of dental resin materials. *Operative Dentistry* 2003; **28**(5): 624-629.

- OBERHOLZER TG, PAMEIJER CH, GROBLER SR, ROSSOUW RJ. The effect of different power densities and method of exposure on the marginal adaptation of four light-cured dental restorative materials. *Biomaterials* 2003; **24**(20): 3593-3598.

### Referate nasionaal/Papers national

- OLIVIER A, GROBLER SR, OBERHOLZER TG. *Growth of 3T3 and Human pulp cell-lines and the effect of a dentine bonding agent thereon*. XXXVII Scientific Congress of the South African Division of the IADR. Cape Town, 2003.

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

### Tydskrifartikels/Journal articles

- CHIKTE UME, GROBLER SR, KOTZE TJvW. *In vitro* human dental enamel erosion by three different wine samples. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(9): 360-362.
- MOODLEY D, GROBLER SR. Compomers: adhesion and setting reactions. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(1): 21-28.
- OBERHOLZER TG, GROBLER SR, PAMEIJER CH, HUDSON APG. The effects of light intensity and method of exposure on the hardness of four light-cured dental restorative materials. *International Dental Journal* 2003; **53**: 211-215.
- OBERHOLZER TG, GROBLER SR, ROSSOUW RJ, KOTZE TJvW. The effect of an additional flowable compomer layer on microleakage of Class V compomer restorations. *South African Dental Journal (formerly: Journal of the Dental Association of SA)* 2003; **58**(2): 48-53.
- OBERHOLZER TG, PAMEIJER CH, GROBLER SR, ROSSOUW RJ. Effect of power density on shrinkage of dental resin materials. *Operative Dentistry* 2003; **28**(5): 624-629.
- OBERHOLZER TG, PAMEIJER CH, GROBLER SR, ROSSOUW RJ. The effect of different power densities and method of exposure on the marginal adaptation of four light-cured dental restorative materials. *Biomaterials* 2003; **24**(20): 3593-3598.

### Referate nasionaal/Papers national

- GEERTS GAVM, STUHLINGER M, BASSON NJ. *Effect of antifungal denture liners on saliva yeast count: preliminary results*. XXXVII Scientific Congress of the South African Division of the IADR. Cape Town, 2003.
- OLIVIER A, GROBLER SR, OBERHOLZER TG. *Growth of 3T3 and human pulp cell-lines and the effect of a dentine bonding agent thereon*. XXXVII Scientific Congress of the South African Division of the IADR. Cape Town, 2003.

### Doktoraal lopend/Doctoral current

- CHIKTE UME. *The effect of wine on tooth erosion*. PhD Promotor: Prof SR Grobler.
- LOUW AJ. *Analise van fluoried in die dieet en biobeskikbaarheid daarvan*. PhD Promotor: Prof SR Grobler.
- MOODLEY D. *An in vitro study of the biocompatibility of dental restorative materials*. PhD Promotor: Prof SR Grobler

### Magister afgehandel/Master's completed

- HASSAN F. *In vivo evaluation of the antibacterial activities of chlorhexidine, calcium hydroxide and iodine/potassium iodide as intracanal medicaments*. MScTandelkWet, 2003. 97 pp. Studieleier: Mnr NJ Basson.



**FAKULTEIT  
KRYGSKUNDE**

**FACULTY OF  
MILITARY SCIENCE**

# SKOOL VIR WETENSKAP EN TEGNOLOGIE / SCHOOL FOR SCIENCE AND TECHNOLOGY

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

### Tydskrifartikels/Journal articles

1. BENNETT GB. Transient discrimination using a subspace method. *IEEE Journal of Oceanic Engineering* 2003; **28**(4): 2.

### Referate nasionaal/Papers national

1. BEZUIDENHOUT J. *Teaching physics to students in the management and human sciences*. SAIP. Stellenbosch University, Stellenbosch, 2003.

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

### Tydskrifartikels/Journal articles

1. NKOSI ZT. Viscous cosmological models with a variable cosmological term. *Global Journal of Pure and Applied Science* 2003; **9**(4): 7.

### Verrigtinge internasionaal/Proceedings international

1. BEZUIDENHOUT JGH. *How can students' ability to deal effectively with calculus symbolism be enhanced?* The 27th Conference of the International Group for the Psychology of Mathematics Education held jointly with the 25th Conference of PME-NA. Center for Research and Development Group, University of Hawaii, Honolulu, USA, 2003: 1.

### Referate internasionaal/Papers international

1. NEETHLING A. *Integrated weighting estimators in household surveys*. 54th International Statistical Institute (ISI) Session. Berlin, Germany, 2003.

### Referate nasionaal/Papers national

1. NEETHLING A. *Calibration and Integrated weighting – techniques based on auxiliary information with a view to improving estimates*. Seminar program, Department of Statistics and Actuarial Sciences, University of Stellenbosch. Stellenbosch, 2003.
2. NEETHLING A. *Incorporating auxiliary information to improve estimation*. 50th Anniversary Conference of the SA Statistical Association. Kempton Park, 2003.

# SKOOL VIR GEORUIMTELIKE STUDIES EN INLIGTINGSTELSELS / SCHOOL FOR GEOSPATIAL STUDIES AND INFORMATION SYSTEMS

## MILITÊRE GEOGRAFIE / MILITARY GEOGRAPHY

### Verrigtinge internasionaal/Proceedings international

1. JACOBS JA, SMIT HAP. *Education for sustainable living: perceptions of Military Academy students towards the environment*. Regional Conference of the International Geographical Union. Commission on Geographical Education, International Geographical Union, Durban, South Africa, 2003: 1 pp. (CD-ROM).
2. SMIT HAP, JACOBS JA. *Teaching green soldiering in the South African Department of Defence: the geography connection*. Regional Conference of the International Geographical Union. Commission on Geographical Education, International Geographical Union, Durban, South Africa, 2003: 5 pp. (CD-ROM).

### Verrigtinge nasionaal/Proceedings national

1. JACOBS JA. *20th Century South African military topographical mapping*. Symposium on the History of Cartography of Africa, ICA Commission on the History of Cartography. National Library of South Africa, Cape Town, 2003: 12.

### Referate internasionaal/Papers international

1. JACOBS JA, SMIT HAP. *The effect of military activities on erosion: General De Wet training area*. International Conference on Military Integrated Environmental Management. Kwalata, Pretoria, South Africa, 2003.
2. SMIT HAP. *Pollution, prevention and waste management issues*. International Conference on Military Integrated Environmental Management. Kwalata, Pretoria, South Africa, 2003.
3. SMIT HAP, JACOBS JA. *Changing attitudes through environmental education*. International Conference on Military Integrated Environmental Management. Kwalata, Pretoria, South Africa, 2003.

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**KRYGSGESKIEDENIS / MILITARY HISTORY**

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# ALGEMEEN / GENERAL

**SENTRUM VIR MILITÊRE STUDIE (SEMIS) /  
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3. BRAND HJ. *Counselling student with disabilities*. 24th Annual Conference of the Society for Student Counselling in Southern Africa (SSCSA). Stellenbosch, 2003.
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### **Magister lopend/Master's current**

1. LOUBSER H. *Erotiek, geweld en die dood in die bundel 'n Gelyke Kans van Jean Goosen*. MA Studieleier: Prof M van Niekerk.