



**UNIVERSITEIT VAN STELLENBOSCH  
UNIVERSITY OF STELLENBOSCH**

# NAVORSINGSVERSLAG RESEARCH REPORT

## 1997

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# FOREWORD

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

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

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

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

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

**JP Groenewald**  
**Senior Director: Research**  
**June 1997**

# 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 vakspesialis waarin navorsingsresultate gerapporteer word)

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

## 2. **Verrigtinge internasionaal / Proceedings international:**

Gepubliseerde verrigtinge van internasionale vakkongresse

*Published proceedings of international conferences*

## 3. **Verrigtinge nasionaal / Proceedings national:**

Gepubliseerde verrigtinge van nasionale vakkongresse

*Published proceedings of national conferences*

## 4. **Referate internasionaal / Papers international:**

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

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

## 5. **Referate nasionaal / Papers national:**

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

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

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

Promotor: *Promoter*

Medepromotor: *Co-promoter*

Studieleier: *Supervisor*

Medestudieleier: *Co-supervisor*

# FAKULTEIT LETTERE EN WYSBEGEERTE FACULTY OF ARTS

## AFRIKAANS EN NEDERLANDS / AFRIKAANS AND DUTCH

### Tydskrifartikels/Journal articles

1. FEINAUER I. The microstructural treatment of sublexical lemmas in Afrikaans descriptive dictionaries. *Lexikos* 1997; 7: 25-44.
2. GOUWS RH. Idioms and collocations in bilingual dictionaries and their Afrikaans translation equivalents. *Lexicographica* 1996; 12: 54-88.
3. GOUWS RH. Die tweisprachige Lexikographie Afrikaans-Deutsch/Deutsch-Afrikaans: Ein Überblick unter linguistischem Aspekt. *Studien zur zweisprachigen Lexikographie mit Deutsch, III* 1997: 35-86.
4. GOUWS RH, PRINSLOO DJ. Lemmatisation of adjectives in Sepedi. *Lexikos* 1997; 7: 45-67.
5. HUIGEN S. Michiel Christiaan Vos: de eerste swarte skrywer in Zuid-Afrika. *Tydskrif vir Nederlands en Afrikaans* 1997; 4(2). 162-168.
6. JORDAAN NJ. Die onbenullige skelm: Franciscus Lievens Kersteman. *Mededelingen van de Stichting Jacob Campo Weyerman* 1997; 20(1): 17-23.
7. JORDAAN NJ. PJ Schoeman as etnograaf en romanskrywer. *Tydskrif vir Nederlands en Afrikaans* 1997; 4(1): 28-61.
8. LOUW PA. Resensieartikel: Klein woordeboek. *Lexikos* 1997; 7: 277-287.
9. PONELIS FA. Variëteite van Nederlands in die agtiende eeu aan die Kaap. *Taal en tongval themanummer* 1997; 9: 86-111.
10. SMUTS JP. Die nuwe herinneringsliteratuur in Afrikaans. *Stilet* 1997; 9(2): 1-9.
11. SPIES L. Die bydrae van die Afrikaanse digteres: 'n eie literatuurgeskiedenis. *Stilet* 1997; 9(2): 48-57.
12. VAN DER MERWE GS. Pronominale verwysing na inanimata. *Suid-Afrikaanse Tydskrif vir Taalkunde* 1997; 15(1): 27-34.
13. VAN ZYL DP. Nederlandse en Vlaamse poësie van die afgelope dekades: In't kort. *Ensovoort* 1996; 8(1): 10-14.

### Verrigtinge nasionaal/Proceedings national

1. GOUWS RH. *Linguistische Theorie, lexikographische Praxis und das Woordeboek van die Afrikaanse Taal*. Linguistische Theorie und lexikographische Praxis. Max Niemeyer, Tübingen, 1997: 17-31.
2. HUIGEN S. *Neerlandistiek en Zuid-Afrikaanse studies*. Handelingen van het Colloquium Nederlands in de wereld. Universiteit van Zoeloeland, Itala, 1997: 62-69.
3. VAN ZYL DP. *Estienne Barbier, renegaat en romanfiguur, in die lig van die storie, historie en historiografie*. Referatebundel van die Afrikaanse Letterkunde Vereniging. Bloemfontein, 1997: 288-309.

### Referate internasionaal/Papers international

1. GOUWS RH. *Cross-referencing as a lexicographic device*. African Association for Lexicography: Second International Conference on Lexicography. Durban, 1997.
2. HUIGEN S. *Didactiek van oudere Nederlandse poëzie*. Neerlandistiek tweehonderd jaar later. Dertiende Colloquium Neerlandicum. Leiden, Nederland, 1997.
3. HUIGEN S. *Nederlands als bronnetaal in Zuid-Afrika*. Neerlandistiek tweehonderd jaar later. Dertiende Colloquium Neerlandicum. Leiden, Nederland, 1997.
4. HUIGEN S. *Nederlandstalige swarte skrywers in Zuid-Afrika*. Neerlandistiek tweehonderd jaar later. Dertiende Colloquium Neerlandicum. Leiden, Nederland, 1997.
5. PONELIS FA. *Ons gaan "for a walk" met 'n paar "girls"*. Amsterdams Colloquium Nederlandse Taalkunde: Taal en Taalkunde in Soorten. Amsterdam, Nederland, 1997.

### Referate nasionaal/Papers national

1. DE STADLER LG. *Van makro- na mikrostruktuur: Die titelparagraaf as teksonderdeel*. Eerste Tweejaarlikse Simposium oor Taal en Kommunikasie. Stellenbosch, 1997.
2. FEINAUER AE. *Distorsies tussen Afrikaans en Engels*. Eerste Tweejaarlikse Simposium oor Taal en Kommunikasie. Stellenbosch, 1997.
3. FOSTER PH. *Landskap as geskiedenis - geskiedenis as landskap*. Lettie Viljoen se "Landskap met vroue en slang". Afrikaanse Letterkunde Vereniging - Dagseminaar. Stellenbosch, 1997.
4. FOSTER PH. *Oor digters en derglikes*. Onderwyserssimposium. Stellenbosch, 1997.
5. HUIGEN S. *Die eerste swart skrywer in Suid-Afrika*. Afrikaanse Letterkunde Vereniging – Dagseminaar. Stellenbosch, 1997.
6. VAN DER MERWE GS. *Retoriese vrae*. Jaarkongres van die Linguistevereniging van Suider-Afrika. Durban, 1997.

7. VAN ZYL DP. *Dis my appel en dis my peer in "Die reuk van appels" deur Mark Behr*. Afrikaanse Letterkunde Vereniging - Dagseminaar. Stellenbosch, 1997.
8. VAN ZYL DP. *Kanna hy kô hystoe: Adam Small*. Onderwyserssimposium. Stellenbosch, 1997.
9. VAN ZYL DP. *Strategiese spel by uitnemendheid*. Simposium oor die Afrikaanse kortverhaal. Stellenbosch, 1997.
10. VAN ZYL DP. *Die waarde van die retorika by die bestudering van advertensies*. Eerste Tweejaarlikse Simposium oor Taal en Kommunikasie. Stellenbosch, 1997.
11. VILJOEN L. *'n Bespreking van JM Gilfillan se "Taalles" en tematies verwante tekste*. Onderwyserssimposium. Stellenbosch, 1997.

## Boeke/Books

1. FOSTER R, VILJOEN L. *Poskaarte. Beelde van die Afrikaanse poësie sedert 1960*. Tafelberg, Human en Rousseau, 1997. 641 pp.

## Hoofstukke in boeke/Chapters in books

1. PONELIS FA. Afrikaans. In: Van den Toorn MC, et al, (reds.). *Geschiedenis van de Nederlandse Taalkunde*. Amsterdam University Press, 1997: 597-645.

## Doktoraal afgehandel/Doctoral completed

1. SMIT M. *Die metaleksikografie van HE Wiegand as teoretiese raamwerk vir 'n veeltalige, multikulturele, verklarende musiekwoordeboek vir Suid-Afrika*. D.Litt., 1997. 376 pp. Promotor: Prof RH Gouws.
2. VAN DER COLF A. *Zur Konzeption eines deutschen Lernerwörterbuchs*. D.Litt., 1997. 423 pp. Promotor: Prof RH Gouws.

## Magister afgehandel/Master's completed

1. LE ROUX MC. *Musikale intertekste in Breyten Breytenbach se poësie*. M.A. cum laude, 1997. 274 pp. Studieleier: Dr L Viljoen.
2. MALLO AM. *Die hantering van leksikale gapings in vertalende woordeboeke*. M.A. cum laude, 1997. 117 pp. Studieleier: Prof RH Gouws.
3. MIENIE C. *Die ontgrensing in Breyten Breytenbach se Nege landskappe van ons tye bemaak aan 'n beminde*. M.A., 1997. 95 pp. Studieleier: Prof L Spies.
4. THERON G. *Die opname en bewerking van subleksikale lemmas in Afrikaanse vertalende woordeboeke*. M.A., 1997. 124 pp. Studieleier: Prof RH Gouws.
5. WASSERMAN H. *"Die stoetmeester" deur Etienne van Heerden binne die plaasromantradisie in Afrikaans*. M.A. cum laude, 1997. 211 pp. Studieleier: Dr L Viljoen.

## Doktoraal lopend/Doctoral current

1. BOSMAN HJ. *Meerwoordige leksikale items in Afrikaans*. D.Litt. Promotor: Prof RH Gouws.
2. FOSTER PH. *Postmodernistiese tendensies in die historiografiese (meta-) poësie met spesifieke verwysing na Die heengaanrefrein van Wilma Stockenström*. D.Litt. Promotor: Dr L Viljoen.
3. HOUGH RP. *Beginnels vir 'n Bybelvertaling vir Afrikaanse dowes*. D.Litt. Promotor: Prof RH Gouws.
4. JANSE VAN RENSBURG C. *Die religieuse poësie van Sheila Cussons en TT Cloete: 'n vergelykende studie*. D.Litt. Promotor: Prof L Spies.
5. JOHN P. *Die historiese bewussyn in die kontemporêre Afrikaanse roman met verwysing na enkele tekste*. D.Litt. Promotor: Dr L Viljoen.
6. LÜTHER JGS. *Implikasies van Afrikaanse-Engelse kontak vir die Afrikaanse leksikografie*. D.Litt. Promotor: Prof RH Gouws.
7. MALLO AM. *Ostensiewe adressering in vertalende woordeboeke*. D.Litt. Promotor: Prof RH Gouws.
8. VAN DER MERWE M. *Die gebruiksperspektief in leksikografie*. D.Litt. Promotor: Prof RH Gouws.
9. VAN NIEKERK AE. *Die problematiek van die leksikografiese toepasbaarheid van semantiese teorieë en die weergawe van betekenisinligting met spesiale verwysing na die WAT*. D.Litt. Promotor: Prof RH Gouws.
10. WARD P. *Die konstruksie van die vroulike subjek in die oewres van enkele Afrikaanse vrouedigters sedert 1970*. D.Litt. Promotor: Dr L Viljoen.

## Magister lopend/Master's current

1. BEZUIDENHOUT PHL. *Ekwivalensieverskille tussen praktykvertaling en vertalende woordeboeke*. M.A. Studieleier: Dr AE Feinauer.
2. DUNN P. *Historiese representasie in negentiende-eeuse Nederlandstalige historiese geskiedwerke oor Suid-Afrika*. M.A. Studieleier: Dr S Huigen.
3. FRITZ D. *Fin de siècle - intertekste in die poësie van Johann de Lange*. M.A. Studieleier: Me PH Foster.
4. FRYER CA. *Aspekte van die ontstaansgeskiedenis van Elsa Joubert se roman "Die reise van Isobelle"*. M.A. Studieleier: Dr L Viljoen.
5. JORDAAN M. *Die representasie van slaafskap in Die Kremetartekspedisie deur Wilma Stockenström: Die voorstelling van die onvoorstelbare*. M.A. Studieleier: Dr S Huigen.

- JORDAAN NJ. *P.J. Schoeman as antropoloog en romanskrywer met spesifieke verwysing na sy Boesmanverhale*. M.A. Studieleier: Dr S Huigen.
- KOORTZEN JG. *Die simbiotiese verhouding tussen landskap en natuurbewoners in die regionale poësie van Donald W Riekert*. M.A. Studieleier: Dr DP van Zyl.
- LE ROUX CJ. *Vervreemdingstegnieke in Gert Vlok se digbundel om te lewe is onnatuurlik*. M.A. Studieleier: Me PH Foster.
- LOUW PA. *Kriteria vir 'n standaard vertalende woordeboek*. M.A. Studieleier: Prof RH Gouws.
- MULLER W. *Die passiefkonstruksie as stylmerker in saaklike tekste*. M.A. Studieleier: Prof LG de Stadler.
- PRINS J. *'n Postmodernistiese lesing van Johan Johl se "Roulet"*. M.A. Studieleier: Dr L Viljoen.
- RHEEDER AOI. *Die stripverhaal as sekwensiekuns met spesifieke verwysings na TO Honiball en Bitterkomix*. M.A. Studieleier: Dr DP van Zyl.
- SCHOONHEIM F. *Een studie naar aspecten van de invloed van de Nederlandse lexicografie op Afrikaanse woordenboeke*. M.A. Studieleier: Prof RH Gouws.
- SMITH MC. *Die reise van Elsa Joubert: reise deur 'n eeu Suider-Afrikaanse geskiedenis*. M.A. Studieleier: Dr DP van Zyl.
- STEYN SM. *Die verbeelding van manlike subjektiwiteit in die populêre grensliteratuur*. M.A. Studieleier: Me PH Foster.

## **AFRIKAANSE KULTUURGESKIEDENIS / AFRIKAANS CULTURAL HISTORY**

### **Tydskrifartikels/Journal articles**

- BURDEN M. Remnants of the apartheid era in Afrikaans popular language: An exploratory investigation to illustrate the importance of oral history. *Southern African Journal for Folklore Studies* 1997; **8**(1): 27-38.

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

- BURDEN M. *Die aanpassing van heersende modestyle in streeksvariante van Oud-Kaapse meubels*. Kongres van die Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Prins Albert, 1997.
- VAN DER MERWE H. *Die wamakersbedryf in die Wes-Kaap, 1900-1950: Die einde van 'n era*. Kongres van die Suid-Afrikaanse Vereniging vir Kultuurgeskiedenis. Vereeniging, 1997.

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

- VAN DER LINDE W. *Matriekafskied in die neëntigerjare: 'n Waardebepaling van hedendaagse tendense by Afrikaanse hoërskole in Port Elizabeth*. M.A., 1997. 100 pp. Studieleier: Dr M Burden.
- VILJOEN L. *'n Volkskundige interpretasie van die Versamelde Werke van CJ Langenhoven*. M.A. cum laude, 1997. 180 pp. Studieleier: Dr M Burden.

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

- VAN DER LINDE W. *Die neerslag van Art Deco in Suid-Afrika as manifestasie van 'n internasionale tydgees en styl, met spesifieke verwysing na die argitektuur*. D.Phil. Promotor: Dr M Burden.
- VAN DER MERWE H. *Tydgenootlike volksgebruike by Afrikaanssprekendes*. D.Phil. Promotor: Prof PW Grobbelaar.

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

- ABRAHAMS P. *Die dokumentering, bewaring en waardebeepaling van die volkskultuur van die plaaswerkers in die Hopefield-omgewing*. M.A. Studieleier: Dr M Burden.
- BARNARD E. *Volksboukuns in die Swellendam-omgewing*. M.A. Studieleier: Mnr H van der Merwe.
- BOSHOF A. *Die impak van die Grensoorlog (Suidwes-Afrika – Angola) op die lewe van die soldate, aan die hand van volksvertellings oor die oorlog*. M.A. Studieleier: Dr M Burden.
- DU RAAN L. *Die invloed van eksterne en interne faktore op die vorming van studentekultuur aan die Universiteit van Stellenbosch, 1918-1930*. M.A. Studieleier: Dr M Burden.
- FAUL A. *'n Opname en kultuurhistoriese waardebeepaling van ingenieurs- en ander konstruksies in die Tsitsikammagebied, en die verband tussen die konstruksies en goud- en houtontginning, 1800-1940*. M.A. Studieleier: Dr M Burden.
- FAUL J. *'n Ondersoek na die potensiaal van 'n plaaslike dorpsmuseum om toeganklik te wees vir alle gemeenskappe, in aansluiting by die transformasieproses in Suid-Afrika: Gevallestudie van die Stellenbosch Museum*. M.A. Studieleier: Dr M Burden.
- FERGUSON Y. *'n Ondersoek na die rol van die volksgeneeskunde en die geassosieerde volksgelowe in die Katriviervallei-gemeenskap*. M.A. Studieleier: Dr M Burden.
- FERREIRA L. *'n Ondersoek na en evaluering van die kultuurinhoud van die Agulhasplein, vir die doelwit van die daarstelling van 'n Nasionale Park*. M.A. Studieleier: Dr M Burden.
- GERICKE MF. *Die invloed van die godsdiensbeleving en geloofslewe van die Afrikaanssprekende in die Suid-Kaap (1850-1950) op sy lewensuitkyk en lewenswyse*. M.A. Studieleier: Dr M Burden.

10. KENMUIR I. *Die invloed van isolasie op kultuurvorming, met verwysing na die gemeenskap van Balesgat, Ceres-distrik*. M.A. Studieleier: Dr M Burden.
11. MALHERBE A. *'n Ontleding van gebou en bewoner: Gevallestudies van Avondrust en die Ou Residensie, Graaff-Reinet*. M.A. Studieleier: Dr M Burden.
12. OLIVIER A. *'n Interpretasie van die vryetydsbesteding in Barberton, 1884-1940, om die invloed van 'n Engels-Victoriaanse kultuur in 'n Oos-Transvaalse myn-gemeenskap te bepaal*. M.A. Studieleier: Dr M Burden.
13. SMIT S. *Die aanwending van pikturale Africana as bron vir 'n kultuurhistoriese evaluering van 'n geografiese area, met as model die Paarl-omgewing, 1650-1800*. M.A. Studieleier: Mnr H van der Merwe.
14. STRAUSS E. *'n Kultuurhistoriese en opvoedkundige waardebeoordeling van plaasskole in die Overberg-omgewing, in die lig van 'n uitfaseringsbeleid*. M.A. Studieleier: Dr M Burden.
15. VAN VOLLENHOVEN A. *'n Evaluering van kultuurhulpbronbestuur as museumfunksie en die ontwerp van riglyne vir museums vir die uitvoering daarvan*. M.A. Studieleier: Mnr H van der Merwe.
16. VORSTER L. *Die bydrae van Walter Biersch as stadsklerk tot die argitektoniese nalatenskap van Stellenbosch*. M.A. Studieleier: Dr M Burden.
17. WEIL T. *Die inskakeling van die Jode by die Afrikaanse plattelandse gemeenskap (1850-1950) en hulle bydrae tot die vorming van 'n nuwe kultuur*. M.A. Studieleier: Dr M Burden.

## AFRIKATALE / AFRICAN LANGUAGES

### Tydskrifartikels/Journal articles

1. HERMANSON EA, DU PLESSIS JA. The conceptual metaphor 'People are animals' in Zulu. *SA Journal of African Languages* 1997; **17**(2): 48-56.
2. VISSER M. The thematic structure of event nominals in Xhosa. *SA Journal of African Languages* 1997; **17**(2): 65-74.

### Verrigtinge internasionaal/Proceedings international

1. DU PLESSIS JA. *The semantics of ergative constructions in Zulu and Xhosa*. African Linguistics at the Crossroads, 1997: 341-349.
2. VISSER M. *The thematic structure of event nominals in Xhosa*. African Linguistics at the Crossroads, 1997: 273-295.

### Referate internasionaal/Papers international

1. DU PLESSIS JA. *Verb subcategorization properties: Lexical problems*. 9de Internasionale Kongres van die Afrikatale Vereniging van Suider-Afrika. Durban, Suid-Afrika, 1997.
2. VISSER MW. *Agreement inflection in expletive constructions in Xhosa*. 9de Internasionale Kongres van die Afrikatale Vereniging van Suider-Afrika. Durban, Suid-Afrika, 1997.

### Doktoraal afgehandel/Doctoral completed

1. MADADZHE RN. *The copulative in Venda*. D.Litt., 1996. 574 pp. Promotor: Prof JA du Plessis.
2. RAMONE PM. *The category preposition in Sesotho*. D.Litt., 1996. 582 pp. Promotor: Prof JA du Plessis.

### Magister afgehandel/Master's completed

1. BOYA MS. *Adjunct clauses in Northern Sotho*. M.A., 1997. 115 pp. Studieleier: Prof JA du Plessis.
2. KGOSANA LL. *The potential in Northern Sotho*. M.A., 1997. 98 pp. Studieleier: Prof JA du Plessis.
3. KHOZA K. *The syntactic distribution of clausal adjuncts in Zulu*. M.A., 1997. 95 pp. Studieleier: Prof JA du Plessis.
4. LADZANI KY. *The structural realization of names in Venda*. M.A., 1997. 138 pp. Studieleier: Prof JA du Plessis.
5. LEDWABA TL. *Constructions with verbs of existence in Northern Sotho*. M.A., 1997. 138 pp. Studieleier: Prof JA du Plessis.
6. MANYENYE AJ. *Syntactic properties of adjunct clause constructions in Sesotho*. M.A., 1997. 115 pp. Studieleier: Prof JA du Plessis.
7. MATHALUGA MG. *Resumptive pronominals in Venda relatives*. M.A., 1997. 128 pp. Studieleier: Dr MW Visser.
8. MAUDU NP. *The syntax of predicates denoting change of state in Venda*. M.A., 1997. 135 pp. Studieleier: Prof JA du Plessis.
9. MENDU B. *The argument structure of verbs denoting change of state in Xhosa*. M.A., 1997. 132 pp. Studieleier: Prof JA du Plessis.
10. MOKETE CM. *The syntax of verbs with predicative complements in Sesotho*. M.A., 1997. 128 pp. Studieleier: Prof JA du Plessis.
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3. ELLIS J. *Female friendship in the novels of Charlotte Bronte*. M.A. Studieleier: Prof MW Heyns.
4. RAHL FL. *Author and self in the works of D.H. Lawrence, with special reference to his early writings*. M.A. Studieleier: Dr BK Green.
5. VAN ZYL L. *The representation of reality in Spencer's 'The Faerie Queene'*. M.A. Studieleier: Mrs AH Gagiano.

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6. DU PLOOY L. *Kruiskulturele kommunikasie en interreligieuse dialoog*. M.A. Studieleier: Dr WL van der Merwe.
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3. FORTUIN SD. *Die Wet op Groepsgebiede (No. 41 van 1950), soos gewysig in 1957 met spesiale verwysing na die toepassing daarvan op Bellville en Bonteheuwel tot 1965.* D.Phil. Promotor: Dr C Venter.
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10. SWART BLG. *Die Engelstalige pers in Suid-Afrika se invloed op die politieke loopbaan van genl L Botha, 1902-1910.* D.Phil. Promotor: Dr C Venter.
11. VISSER GE. *Die geskiedenis van die Suid-Afrikaanse Militêre Akademie, 1950-1990.* D.Phil. Promotor: Prof PH Kapp.
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3. BRAND A. *Die bestaansreg van Geskiedenis binne Kurrikulum 2005.* M.A. Studieleier: Prof AE Carl.
4. BURGER P. *Die invloed van die Anglo-Boereoorlog op die burgerlike bevolking van Oudtshoorn, 1899-1902.* M.A. Studieleier: Dr C Venter.
5. ENSLIN R. *Die geskiedenis van die Junior Rapportryer-beweging, 1958-1983.* M.A. Studieleier: Prof PH Kapp.
6. KRIEL ML. *Ekonomiese en etniese probleme as oorsake van die konflik in die voormalige Joegoslavië.* M.A. Studieleier: Prof PH Kapp.
7. LUND H. *Die ontwikkeling van NAVO se struktuur en strategie, 1955-1969.* M.A. Studieleier: Prof PH Kapp.
8. OCTOBER HNN. *Die VSA se veranderde beleid teenoor die Republiek van China (Taiwan), 1969-1979.* M.A. Studieleier: Prof PH Kapp.
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## Magister lopend/Master's current

1. CAFFIN GHM. *Sosiologie van religieuse waardes*. M.A. Studieleier: Prof J Mouton.
2. CHEGO VN. *Sexuality education in the homes of rural black people in the Northern Province: Combining qualitative and quantitative research methods*. M.Phil. Studieleier/medestudieleier: Dr A Kritzinger/prof J Mouton.
3. DAWSON D. *Evaluation of the M.Phil. Values and Policy Studies course*. M.Phil. Studieleier: Prof SB Bekker.
4. DE KOCK FJ. *Behuisingsvoorkeure van plaaswerkers in Stellenbosch*. M.A. Studieleier: Dr JW Ewert.
5. DREYER B. *Changing identities: A comparative study of selected first year students of the University of Stellenbosch and the University of Namibia*. M.Phil. Studieleier: Prof SB Bekker.
6. DU TOIT D. *Workplace forums in the Gauteng health sector*. M.A. Studieleier: Dr JW Ewert.
7. DU TOIT JF. *Rekonsiliasie en die Suid-Afrikaanse Waarheids- en Versoeningskommissie*. M.A. Studieleier/medestudieleier: Prof CJ Groenewald/dr AS Kritzinger.
8. EKSTEEN A. *"Families of choice": An ethnography of gay and lesbian parenting in the Western Cape*. M.Phil. Studieleier/medestudieleier: Dr AS Kritzinger/me. Cathy Payze (UNISA).

9. ESTERHUIZEN LP. *Contextualising "perpetrator": An oral history analysis of the life experiences of a former member of the South African Security Branch*. M.Phil. Studieleier: Prof J Mouton.
10. EVA G. *Telecommunications in Khayelitsha*. M.Phil. Studieleier: Prof SB Bekker.
11. FILANIE MA. *Regstellende aksie in die Departement Korrektiewe Dienste*. M.Phil. Studieleier: Prof CJ Groenewald.
12. GOUSSARD Y. *Die gebruik van gevangene-arbeid in die Kaapse wyn- en vrugtebedryf*. M.Phil. Studieleier: Dr JW Ewert.
13. JACOBZ M. *Knowledge, power and objectivity*. M.A. Studieleier: Prof J Mouton.
14. LAUGKSCH D. *Why first year University of Cape Town students choose Science and Engineering degrees*. M.Phil. Studieleier/medestudieleier: Prof J Mouton/me H Hackmann.
15. MABASA LT. *The role of stakeholders in school governance*. M.Phil. Studieleier: Prof J Mouton.
16. MABOTJA MS. *Urban development in Pietersburg after apartheid: A post-apartheid spatial formation*. M.Phil. Studieleier: Prof SB Bekker.
17. MAGAQA VLL. *The role of the community in caring for the mentally ill: A case study of Fort Beaufort*. M.Phil. Studieleier/medestudieleier: Dr AS Kritzinger/mnr JH Vorster.
18. MANGENA LT. *Impact evaluation on school management and leadership program in Northern Province*. M.Phil. Studieleier: Prof J Mouton.
19. MASEMOLA ST. *A methodological case study of the effects of school administration programmes on school effectiveness in the Northern Province*. M.Phil. Studieleier: Prof J Mouton.
20. MAVHUNGU NJ. *A critical evaluation of local communities' participation in governance of the Greater Thohoyandou Transitional Local Council*. M.Phil. Studieleier: Prof CJ Groenewald.
21. MODIBA AM. *The experience of teenage mothers of Ga-Mothiba*. M.Phil. Studieleier: Dr AS Kritzinger.
22. MPETSHENI YD. *Conducting needs assessment studies*. M.Phil. Studieleier/medestudieleier: Prof J Mouton/prof CJ Groenewald.
23. MULLAGEE F. *National project implementation and management in South African social services. The Thousand Schools Project: A case study*. M.Phil. Studieleier: Prof J Mouton.
24. NEL PJF. *'n Bedryfsosiologiese ondersoek na die doel en funksies van die ontspanningsklub in enkele Suid-Afrikaanse maatskappye*. M.A. Studieleier: Prof CJ Groenewald.
25. NETSWERA FG. *The development of an instrument to determine Gauteng small business operator's perception of their support system*. M.Phil. Studieleier: Prof J Mouton.
26. OLIVER EC. *Developing measures of quality in higher education*. M.Phil. Studieleier/ medestudieleier: Prof J Mouton/prof J Louw (UCT).
27. PROZESKY HE. *The principles and characteristics of participatory action research: A critical evaluation*. M.Phil. Studieleiers: Dr AS Kritzinger en mnr JH Vorster.
28. RAPHOLO JG. *Evaluating a life-skills programme and its impact on students' sexual knowledge, attitudes and practices*. M.Phil. Studieleier/medestudieleier: Prof J Mouton/prof CJ Groenewald.
29. RAVAT E. *The effects of self-disclosure given and received on the intimacy of a relationship*. M.Phil. Studieleier/medestudieleier: Prof J Mouton/prof J Louw (UK).
30. ROSSOUW HM. *The utilisation of land in sustaining rural livelihoods in the Western Cape*. M.A. Studieleier: mnr JH Vorster.
31. SIKHWARI NC. *A naturalistic evaluation of the implementation of housing support centres in the Northern Province*. M.Phil Studieleier/medestudieleier: Prof C Groenewald/prof. J Mouton.
32. SWEMMER T. *The social construction of gender in a Christian congregation*. M.A. Studieleier/medestudieleier: Dr AS Kritzinger/dr DJ Venter.
33. TAMASANE T. *Community empowerment through participation: A small town case study*. M.A. Studieleier/medestudieleier: Prof CJ Groenewald/prof SB Bekker.
34. VAN ASWEGEN WF. *Die gebruik van afhanklikheidsvormende middels onder 'n geselekteerde groep hoërskoolleerlinge in die Stellenbosch-area: 'n Sosiologiese analise*. M.A. Studieleier: Dr AS Kritzinger.
35. VAN WYK A. *Vergelyking van behoeftebepalingstegnieke in gemeenskapsontwikkeling*. M.A. Studieleier: Mnr JH Vorster.
36. VAN WYK CE. *'n Sosio-historiese ontleding van grondbestuur en die ontwikkeling van gemeenskappe in die bruin landelike gebiede van die RSA*. M.A. Studieleier: Prof CJ Groenewald.
37. VAN ZYL DJR. *The implementation of adult education programmes in industry: A case study of the Gindrod group*. M.A. Studieleier: Dr AS Kritzinger.
38. VISSER JJ. *'n Kritiese evaluering van 'n model vir die bestuur en administrasie van gemeenskapsontwikkeling in die primêre kommersiële landbou en die praktiese toepassing van hierdie model*. M.A. Studieleier: Prof CJ Groenewald.

## **STADS- EN STREEKBEPLANNING / TOWN AND REGIONAL PLANNING**

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

1. CLAASSEN PE. *Can the conflict between development and conservation be resolved? A critique of efforts at sustainable development in South Africa*. Proceedings of the Biennial Conference of the Development Society of South Africa. Pretoria. 1997, 319-337.

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

1. CLAASSEN PE. *Planning in the new South Africa*. Canadian Institute of Planners 1997 Conference. St John's, Newfoundland, Canada, 1997.

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

1. TERBLANCHE AS. *Land-use control in South Africa: Its evolution, present impact and future*. D.Phil. Promotor: Dr PE Claassen.
2. THERON BdeW. *A land-use ethic for cultural landscapes in a rural context*. D.Phil. Promotor/medepromotor: Prof C Tod Welch/prof JP Hattingh.
3. VAN DER MERWE D. *'n Ondersoek na die aard van nodusontwikkeling en die formulering van 'n kwalitatiewe stedelike model met spesifieke verwysing na die metropolitaanse gebied van Johannesburg*. D.Phil. Promotor: Dr WP Pienaar.

## Magister lopend/Master's current

1. MORKEL JdeV. *Die ontstaan, groei en stedelike morfologie van vroeë nedersettings in die Wes-Kaap*. M. (S. en S.). Studieleier: Prof C Tod Welch.

## BIBLIOTEEKDIENS / LIBRARY SERVICES

### Tydskrifartikels/Journal articles

1. VILJOEN JH, UNDERWOOD PG. Total quality management in libraries: Fad or fact? *South African Journal of Library and Information Science* 1997; **65**(1): 46-52.

### Referate nasionaal/Papers national

1. TROSKIE C, MARITZ A. *Verwagtinge van die verskillende rolspelers in die nagraadse studieproses*. Vennootskapsmoontlikhede in Hoër Onderwys. Johannesburg, 1997.

## NAVORSINGSEENHEID VIR EKSPERIMENTELE FONOLOGIE / RESEARCH UNIT FOR EXPERIMENTAL PHONOLOGY

### Referate internasionaal/Papers international

1. JONES CCJ. *Methodological aspects of speech perception research: Queclaratives in Xhosa*. 9th International Conference of the African Language Association of Southern Africa. University of Natal, Durban, 1997.
2. ROUX JC. *Phonetic motivation for phonological processes: Labiodental assimilations in Xhosa*. 2nd World Congress of African Linguistics. Universiteit Leipzig, Leipzig, Duitsland, 1997.
3. ROUX JC. *Teaching phonetics and phonology*. 9th International Conference of the African Language Association of Southern Africa. University of Natal, Durban, 1997.
4. ROUX JC, DOGIL G. *On the phonetic representation of clicks: Some experimental phonetic considerations*. 6th International Conference of Linguists. Parys, Frankryk, 1997.
5. SWART P. *Phonetics and phonology in the development of speech technology*. 9th International Conference of the African Language Association of Southern Africa. University of Natal, Durban, 1997.

## SENTRUM VIR INTERDISSIPLINÊRE STUDIE / CENTRE FOR INTERDISCIPLINARY STUDIES

### Verrigtinge nasionaal/Proceedings national

1. CRAIG AP. *Really virtual/Virtually real. W(h)ither the University* 1996: 62-73.

### Boeke/Books

1. CRAIG AP. *Prologue. The question of identity*. Juta & Co. Ltd, Kenwyn, 1997: 15 pp.

### Hoofstukke in boeke/Chapters in books

1. CRAIG AP. The possibilities for personhood in a context of (hitherto unknown) possibilities. In: Pattison G, Shakespeare S, (eds). *Kierkegard: The self in society*. Macmillan, London, 1997: 26 pp.

### Navorsingsverslag/Research report

1. MOUTON J, HACKMANN H. *The national research and technology audit: Report on the survey on scholarship, research and development*. CENIS, U.S., 1997. 240 pp.

## **SENTRUM VIR KONTEKSTUELE HERMENEUTIEK / CENTRE FOR CONTEXTUAL HERMENEUTICS**

### **Tydskrifartikels/Journal articles**

1. KINGHORN J, KOTZE HJ. South African Elites and Christian Ethics (I) - Personal Ethics. *Scriptura* 1997; **62**: 397-403.
2. KINGHORN J, KOTZE HJ. South African Elites and Christian Ethics (II) - Social Ethics. *Scriptura* 1997; **62**: 405-415.

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

1. KINGHORN J. *The rainbow and reconciliation - The role of bridgebuilders in civilizational dialogue*. 3rd International Civilizational Dialogue. University of Malaya, Kuala Lumpur, 1997.
2. KINGHORN J. *Aspects of the role of the white Afrikaans component in the transition in South Africa*. International Symposium on South Africa in transition. University of Hamburg, Duitsland, 1997.

## **SENTRUM VIR STUDENTEVOORLIGTING / CENTRE FOR STUDENT COUNSELLING**

### **Tydskrifartikels/Journal articles**

1. GOOSEN LJ, BRAND HJ. Die verband tussen beroepsbesluitloosheid, vrees vir gebondenheid en beroepsidentiteit. *Tydskrif vir Bedryfsielkunde* 1997; **23**(2): 1-5.

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

1. BRAND HJ, MARSHALL J. *Colour perception and impulsivity*. Eerste Internasionale Kongres oor Voorligtingsielkunde. Die Britse Sielkunde Vereniging, Stratford-upon-Avon, Engeland, 1997.

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

1. BRAND HJ, VITALI L. *The perception of form and colour and its relation to impulsivity in children*. Kongres van die Sielkunde Vereniging van Suid-Afrika. Durban, 1997.
2. SCHEEPERS D. *Peer counselling at the University of Stellenbosch: A training and implementation model*. Kongres van die Sielkunde Vereniging van Suid-Afrika. Durban, 1997.

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

1. LOUW AD. *Die keuring van studente vir die Nasionale Diploma in Omgewingsgesondheid aan die Kaapse Technikon*. D.Phil., 1997. 273 pp. Promotor/medepromotor: Dr JC Meyer/prof DJ van Schalkwyk.

### **Doktoraal lopen/Doctoral current**

1. VLOK LA. *Die ontwikkeling en effektiwiteit van die krisisdienstelsel aan die Universiteit van Stellenbosch*. Ph.D. Promotor: Dr JW Wait.

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

1. ISAACS W. *Die verband tussen beroepsbelangstelling en persoonlikheid soos gemeet by die eerstejaarstudente van die Universiteit van Stellenbosch*. M.A. studieleier: Dr JC Meyer.
2. SMITH LM. *Die insidensie van uitbrandingsindroom by sielkundiges in Suid-Afrika*. M.A. Studieleier: Dr HJ Brand.
3. SWART B. *Die verband tussen stadium van morele ontwikkeling en lokus van kontrole by verskillende groepe Afrikaanssprekende adolessente*. M.A. Studieleier: Dr HJ Brand.

## SENTRUM VIR TEATERNAVORSING / CENTRE FOR THEATRE RESEARCH

### Tydskrifartikels/Journal articles

1. HUTCHISON Y. South African theatre in the context of Africa: A comparative overview. *Journal of Literary Studies* 1996; **12**(4): 470-486.

### Referate internasionaal/Papers international

1. HUTCHISON Y. *Mapping South African theatre history*. Seminar on Southern Africa: The Arts, The Media and Popular Culture. Institute for African Studies, University of Bayreuth, 1997.

### Boeke/Books

1. HAUPTFLEISCH T. *Theatre and society in South Africa: Reflections in a fractured mirror*. J.L. van Schaik, 1997. 197 pp.

## US ARGIEF / US ARCHIVES

### Tydskrifartikels/Journal articles

1. PUNT LF, VISAGIE JC. Die verhouding tussen die Ngqikastam en die Britse owerheid aan die Kaap. *Historia* 1997; **42**(1): 22-30.

### Referate nasionaal/Papers national

1. VISAGIE JC. *Vlaamse immigrante aan die Kaap 1652 - 1662, met spesiale verwysing na die werwing van rekrute deur die VOC*. Bilaterale Kongres van Nederlandse en Suid-Afrikaanse Historici. RAU, Johannesburg, 1997.

### Navorsingsverslag/Research report

1. VISAGIE JC. *Europese herkoms en verhuising van die vroegste Afrikaanse stamvaders na die Kaap*. RGN, 1997. 25 pp.

# FAKULTEIT NATUURWETENSKAPPE FACULTY OF SCIENCE

## BIOCHEMIE / BIOCHEMISTRY

### Tydskrifartikels/Journal articles

1. DAVIDSON JS, ASSEFA D, PAWSON A, DAVIES P, HAPGOOD J, BECKER I, FLANAGAN C, ROESKE, R, MILLAR R. Irreversible activation of the gonadotropin-releasing hormone receptor by photoaffinity cross-linking: Localization of attachment site to Cys residue in N-terminal segment. *Biochemistry* 1997; **36**: 12881-12889.
2. HOFMEYR J-HS, CORNISH-BOWDEN A. The reversible Hill equation: How to incorporate cooperative enzymes into metabolic models. *Computer Applications in the Biosciences* 1997; **13**: 377-385.
3. KAY PV, HAPGOOD J, MILLER RP. Absence of mutations in exon 3 of the GnRH receptor in human gonadotroph adenomas. *Clinical Endocrinology* 1997; **47**(5): 549-554.
4. LOUW A, SWART P, DE KOCK SS, VAN DER MERWE KJ. Mechanism for the stabilization *in vivo* of the aziridine precursor 2-(4-acetoxyphenyl)-2-chloro-N-methyl-ethylammonium chloride by serum proteins. *Biochemical Pharmacology* 1997; **53**(2): 189-190.
5. SYDENHAM EW, SHEPHARD GS, STOCKENSTRÖM S, RHEEDER, JP, MARASAS WFO, VAN DER MERWE MJ. Production of fumonisin B analogues and related compounds by *Fusarium globosum*, a newly described species from corn. *Journal of Agricultural and Food Chemistry* 1997; **45**(10): 4004-4010.

### Verrigtinge internasionaal/Proceedings international

1. MILLAR RP, TROSKIE B, SUN Y-M, OTT T, WAKEFIELD I, MYBURGH D, PAWSON A, DAVIDSON JS, FLANAGAN C, KATZ A, HAPGOOD J, ILLING N, WEINSTEIN H, SEALFON SC, PETER RE, TERASAWA E, KING JA. *Plasticity in the structural and functional evolution of GnRH: a peptide for all seasons*. Proceedings of the XIIIth International Congress of Comparative Endocrinology. Yokohama, Japan, 1997: 1-27.
2. TROSKIE B, HAPGOOD J, MILLAR, R, ILLING N. *The Xenopus laevis gonadotropin releasing hormone receptor: cloning and characterisation*. Proceedings of the XIIIth International Congress of Comparative Endocrinology. Yokohama, Japan, 1997: 747-751.

### Referate internasionaal/Papers international

1. HOFMEYR J-HS. *Cellular economics: Implications of control by demand*. 18th International Conference on Yeast Genetics and Molecular Biology. Stellenbosch, South Africa, 1997.
2. LOUW A. *Report on status of women in science at the University of Stellenbosch*. Workshop on the formation of research networks among women scientists in Southern Africa. Swaziland, 1997.
3. LOUW A, SWART P. *Salsola tuberculiformis Botsch. and a chemical analogue, compound A, causes contraception in female rats by binding to corticosteroid binding globulin (CBG)*. AFMC International Medicinal Chemistry Symposium. Seoul, Korea, 1997.
4. SWART AC, HAMPF M, SWART P. *The sequence of the Cape baboon (Papio ursinus) CYP 17, the gene encoding for cytochrome P450 17 $\alpha$ -hydroxylase*. Tenth International Conference on Cytochrome P450: Biochemistry, Biophysics and Molecular Biology. San Fransisco, USA, 1997.
5. SWART P, ROOS W, RAUTENBACH M, ENGELBRECHT Y. *Properties of sheep cytochrome b5*. 17th International Congress of Biochemistry. San Fransisco, USA, 1997.
6. VAN DER MERWE MJ. *An electrospray mass spectrometry study on interaction of Iturin A analogues with sodium*. 45th American Society of Mass Spectrometry Conference on Mass Spectrometry and Allied Topics. California, USA, 1997.

### Referate nasionaal/Papers national

1. ALLIE F, LOUW A, VAN DER MERWE MJ. *The effect of temperature and pH on the interactions of steroid binding proteins*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
2. ALLIE Z, MAARTENS A, SWART P, JACOBS EP. *The enzymatic cleaning of ultrafiltration membranes fouled in abattoir effluent*. Biotech SA '97. Grahamstad, 1997.
3. ALLIE Z, SWART, P, JACOBS EP, MAARTENS A. *Enzymatic cleaning of ultrafiltration membranes fouled in abattoir effluent*. 2nd WISA-MTD workshop/courses on membrane technology. Badplaas, 1997.
4. APPEL M, MANSVELT EL, HAPGOOD JP, BELLSTEDT DU. *Amplification, cloning and expression of the harpin encoding gene of Pseudomonas Syringae pv Syringae NV*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
5. ARENDS AP, BELLSTEDT DU, SWART P, VILJOEN M. *A biochemical investigation into the compounds involved in pigmentation of apple and pear skins*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.



6. BELLSTEDT DU, HARLEY EH. *A molecular phylogeny of the genus Disa based on sequences of chloroplast t-RNA intervening regions*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
7. BLIGNAUT A, BELLSTEDT DU, BURGER W. *Development of an optimal immunization schedule in young ostriches to Newcastle disease virus*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
8. ENGELBRECHT J, ENGELBRECHT E, SWART WJ, BELLSTEDT DU. *The production of extracellular enzymes by the fungal pathogen Sphaeropsis sapinea*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
9. ENGELBRECHT Y, SWART P, HERSELMANN T. *A comparative study of adrenal microsomal steroidogenesis as observed in the Angora-, Boergoat and Merino sheep*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
10. HAPGOOD J, PHEIFFER C. *Transcriptional regulation of the gonadotropin hormone releasing receptor (GnRHR) gene*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
11. HOFMEYR J-HS, CORNISH-BOWDEN A. *Molecular economy of the cell: who meets the demand?* 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
12. LOUW A, SWART P. *Contraceptive effect of Salsola tuberculiformis Botsch. Mediated by binding to corticosteroid binding globulin*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
13. LOUW A, SWART P, DE KOCK SS, VAN DER MERWE KJ. *A mechanism for the stabilisation of highly reactive labile natural plant products from Salsola tuberculiformis Botsch*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
14. MAARTENS A, SWART P, ALLIE Z, JACOBS EP. *Humic membrane foulants in natural brown water: characterization and removal*. 2nd WISE-MTD Workshop/Courses on membrane technology. Badplaas, 1997.
15. MAARTENS A, SWART P, JACOBS EP. *Characterisation and cleaning of organic membrane foulants in Cape brown water*. Biotech SA '97. Grahamstad, 1997.
16. OLIVIER BG, HOFMEYR J-HS. *How long does a metabolic system take to get from one steady state to another?* 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
17. RAUTENBACH M, VAN DER MERWE MJ. *LC-ESMS investigation of isomeric forms of a synthetic antimicrobial peptide*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
18. RAUTENBACH M, VAN DER MERWE MJ. *Sodium-adducts of a synthetic iturin A analogue as detected with electrospray spectrometry*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
19. ROUX SP, SWART P. *Adrenal and testicular steroidogenesis of the hyrax (Procavia capensis)*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
20. SWART AC, FISCHER P. *The detection of a mutation in porcine ryanodine receptor associated with malignant hyperthermia using PCR*. Biotech SA '97. Grahamstad, 1997.
21. SWART AC, SWART P. *The cloning and sequencing of CYP17, the gene encoding baboon cytochrome P450C17*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
22. SWART P. *Solvent/Column Selection*. SACI-CHROM SA HPLC Course. University of Stellenbosch Medical School, Tygerberg, 1997.
23. SWART P, HAMPF M, SWART AC. *Genomic sequence of the 11 $\beta$ -hydroxylase gene from the Cape Baboon (Papio Ursinus)*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
24. SWART P, KOLAR NW, SWART AC, ROUX SP. *Isolation of the PMAL-C-P450C17 fusion protein from Escherichia coli inclusion bodies*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
25. SWART P, ROOS W, ENGELBRECHT Y. *Physical properties of truncated sheep cytochrome B*. 14de Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie. Grahamstad, 1997.
26. VAN SCHALKWYK C, BRITZ TJ, SWART P. *Characterization of surface layers in food Propionibacteria*. Fourteenth SAAFoST International Congress & Exhibition. Pretoria, 1997.

## Hoofstukke in boeke/Chapters in books

1. APPEL M, MANSVELT EL, BELLSTEDT DU. Production of a harpin elicitor by *Pseudomonas syringae* pv. *syringae* isolated from a nectarine tree. In: Rudolph K, et al, (eds). *Pseudomonas syringae Pathovars and Related Pathogens*. Kluwer Academic Publishers, 1997: 333-338.
2. MANSVELT EL, APPEL M. Hybridization of the HRPZ gene from *Pseudomonas syringae* pv. *syringae* strain 61 with DNA of other bacteria and the polymerase chain reaction-based amplification of this region. In: Rudolph K, et al, (eds). *Pseudomonas Syringae Pathovars and Related Pathogens*. Kluwer Academic Publishers, 1997: 413-416.

## Magister afgehandel/Master's completed

1. ENGELBRECHT E. *A biochemical study of the mechanisms involved in the host-pathogen interaction between Sphaeropsis sapinea and Pinus radiata*. M.Sc., 1997. 77 pp. Studieleier: Prof D Bellstedt.
2. ENGELBRECHT J. *The role of ligninase and cellulase enzymes in host-pathogen interactions between Pinus species and wood rotting fungi and the use of these and other fungal enzymes in membrane cleanup techniques*. M.Sc., 1997. 196 pp. Studieleier: Prof D Bellstedt.
3. ROOS W. *Chemiese en immunologiese eienskappe van skaap lewer sitochroom b5*. M.Sc., 1997. 98 pp. Studieleier: Prof P Swart.

## Doktoraal lopend/Doctoral current

1. APPEL M. A biochemical investigation into the resistance mechanisms of South African commercial stone fruit cultivars against the bacterial canker pathogen *Pseudomonas syringae* pv. *syringae*, with special emphasis on the role of the bacterial elicitor (harpin) in these interactions. Ph.D. Promotor: Prof DU Bellstedt.
2. DE ASCENSAO ARdaC. Cloning, characterization of the polygalacturonase inhibiting protein (PGIP) gene from grapevine. Ph.D. Promotors: Proff IS Pretorius, DU Bellstedt en dr JT Burger.
3. ENGELBRECHT Y. Investigation of hypo-adrenocorticism in Angora goats. Ph.D. Promotor: Prof P Swart.
4. LOUW A. The biological action of aziridines related to adrenalin, nor-adrenalin and dopamine. Ph.D. Promotor: Prof P Swart.
5. MAARTENS A. Application of novel biological cleaning methods for ultrafiltration and microfiltration membranes used in the recycling of industrial waste water with a high organic load. Ph.D. Promotor: Prof P Swart.
6. RAUTENBACH M. The synthesis and biochemical action of antifungal compounds containing 3-amino fatty acids. Ph.D. Promotor: Prof J-HS Hofmeyr.
7. ROUX S. Distribution and activities of adrenal Cytochrome P450-dependent enzymes in the hyrax. Ph.D. Promotor: Prof P Swart.
8. SWART AC. The cloning of a cytochrome P-450 gene from *Papio ursinus* and its expression in COS 1 cells. Ph.D. Promotor: Prof J-HS Hofmeyr.

## Magister lopend/Master's current

1. ALLIE F. Die invloed van biologiese aktiewe verbindings vanaf *Salsola tuberculatiformis* Botsch. op stereoïed proteïen interaksies. M.Sc. Studieleier: Me A Louw.
2. ALLIE Z. The optimisation of biological cleaning techniques for ultrafiltration membranes fouled in abattoir effluent. M.Sc. Studieleier: Prof P Swart.
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## Magister afgehandel/Master's completed

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2. HILLHOUSE GC. *Problems relating to nuclear reactions with polarized proton beams*. Ph.D. Promotor: Prof PR de Kock.
3. MARITZ EJ. *Fabrication and characterization of high temperature superconducting thin films deposited by pulsed laser deposition, and the study of superconductor-isolator superlattices*. Ph.D. Promotor/medepromotors: Prof IP Krylov (UWK)/dr R Pretorius (NVS) en prof PR de Kock.
4. MONCADA A. *BRST quantization and the Gribov problem*. Ph.D. Promotor: Prof FG Scholtz.
5. THERON CC. *Diffusing species and mechanism at interfaces during solid-state interaction*. Ph.D. Promotor/medepromotor: Dr R Pretorius/dr JC Lombaard.
6. VAN DER VENDEL BIS. *Polarization transfer parameters in nuclear reactions*. Ph.D. Promotor: Prof PR de Kock.

## Magister lopen/Master's current

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2. HATTINGH GE. *Ontwikkeling van 'n gerekenariseerde databasis vir atomiese spektroskopie*. M.Sc. Studieleier: Prof K Visser.
3. McDERMOTT LS. *The thermionic diode as detector in the spectroscopic determination of energy states in atoms and molecules*. M.Sc. Studieleier: Prof PE Walters.
4. NEVELING R. *A study of the Pb-208 (p, 2p) Tl-207 reaction with a magnetic spectrometer at an incident energy of 200 MeV*. M.Sc. Studieleier/medestudieleier: Prof AA Cowley/dr GF Steyn.
5. SCHÄFFLER JL. *Investigation into laser beam propagation*. M.Sc. Studieleier: Dr EG Rohwer.
6. WYNGAARDT SM. *Relativistic effects on spin observables for proton knockout reactions*. M.Sc. Studieleier/medestudieleier: Prof AA Cowley/mnr GC Hillhouse.

## GEOLOGIE / GEOLOGY

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2. DE MEIJER RJ, STAPEL C, ROZENDAAL A, MACDONALD WG, DONOGHUE JF. New approaches to radiometry in heavy mineral exploration and processing. *Journal of the South African Institute of Mining and Metallurgy* 1997: 187-196.
3. FAURE K, SCHEEPERS R, ROZENDAAL A. Stable isotope and fluid inclusion study of the Rooiberg Tin Deposits, South Africa. *Bulletin of the Geological Survey of Japan* 1997; **6**: 360-362.
4. HARRIS C, FAURE K, DIAMOND RE, SCHEEPERS R. Oxygen and hydrogen isotope geochemistry of S- and I-type granitoids: The Cape Granite suite, South Africa. *Chemical Geology* 1997; **143**: 95-114.
5. HORSTMANN UE, VERWOERD WJ. Carbon and oxygen isotope variations in Southern African carbonates. *Journal of African Earth Sciences* 1997; **25**(1): 115-136.
6. LE ROUX JP. Comparison of sphericity indices as related to the hydraulic equivalence of settling grains. *Journal of Sedimentary Research* 1997; **67**(3): 527-530.
7. LE ROUX JP. Cycle hierarchy of a Neoproterozoic carbonate - siliciclastic shelf: Matjies River Formation of the Kango Group, South Africa. *South African Journal of Geology* 1997; **100**(1): 1-10.
8. LE ROUX JP. An Excel program for computing the dynamic properties of particles in Newtonian fluids. *Computers & Geosciences* 1997; **23**(6): 671-675.
9. LE ROUX JP. Palaeographic reconstruction using composite maps, with case studies from three continents. *Palaeography, Palaeoclimatology, Palaeoecology* 1997; **131**: 51-63
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11. LE ROUX JP, ELGUETA S. Paralic parasequences associated with Eocene sea-level oscillations in an active margin setting: Trihueco Formation of the Arauco Basin, Chile. *Sedimentary Geology* 1997; **110**: 257-276.
12. MACDONALD WG, ROZENDAAL A, DE MEIJER RJ. Radiometric characteristics of heavy mineral deposits along the west coast of South Africa. *Mineralium Deposita* 1997; **32**: 371-381.
13. PINEDA CA, MARTIN RT, HALLBAUER DK, JACOBSON L, PROZESKY VM, PRZYBYLOWICZ WJ. Geochemical microanalysis of patina layers on rock artifacts from the Central Karoo and Southern Free State, South Africa. *Nuclear Instruments and Methods in Physics Research B* 130 1997: 628-635.
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7. ROZENDAAL A. *Exploring for base metal supergiants: A case study from the Mid-Proterozoic of South Africa*. Fourth Biennial SGA Meeting. Turku, Finland: 571-574.
8. ROZENDAAL A. *Geometry and genesis of the Mid-Proterozoic, Aggeneys - Gamsberg base metal sulphide deposits: deformed and metamorphosed supergiants of the Broken-Hill type in the Namaqua Province, South Africa*. SEG Neves Corvo Field Conference. Lisbon, Portugal, 1997: 60.

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8. SCHEEPERS R. *CO<sub>2</sub>- versus F-enriched A-type granites and their mineralization in the Saldania Mobile Belt, South Africa*. IAVCEI Conference. Puerto Vallarta, Mexico, 1997.
9. SCHEEPERS R, ROZENDAAL A. *Geology, geochemistry, mineralization and petrogenesis of late precambrian S, I and A-type granitoids in the Saldania Mobile Belt, Southwestern Cape Province, South Africa*. IAVCEI Conference. Puerto Vallarta, Mexico, 1997.

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2. SMIT CM. *Die verband tussen kwarts-kalstiet-aar generasies en mineralisasie in die Riviera Pluton*. M.Sc. Studieleier: Dr R Scheepers.

## Doktoraal lopend/Doctoral current

1. SCHEEPERS D. *Metallogenesis and structure of the Neoproterozoic Saldania Belt South Africa*. Ph.D. Promotor: Prof A Rozendaal.
2. SMIT CM. *The relationship between tectonic deformation, hydrothermal alteration and Au-mineralisation in the Witwatersrand Basin*. Ph.D. Promotor: Dr R Scheepers.

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1. BRUWER L. *Petrology of the Neoproterozoic, exo-granitic Kuiperskraal Sn-Zn-As deposit, western Cape Province, South Africa*. M.Sc. Studieleier: Prof A Rozendaal.
2. COUSIN LE. *Mineralogy and mineral chemistry of skarn related to the Riviera W-Mo (REE, Cu) deposit*. M.Sc. Studieleier: Dr R Scheepers.
3. ELFERINK L. *Geology of the heavy mineral paleo placer at Geelwal Karoo, Namaqualand, South Africa*. M.Sc. Studieleier: Prof A Rozendaal.
4. GROBLER L. *Stratigraphy and structure of the Beaufort group in the Moordenaarskaroo*. M.Sc. Studieleier: Prof JP le Roux.
5. HAMMAN H. *Petrology of the Hondekloof Cu-Ni deposit Namaqualand, South Africa*. M.Sc. Studieleier: Prof A Rozendaal.
6. MARAIS C. *Geometry of the Nababeep Mine Complex*. M.Sc. Studieleier: Prof A Rozendaal.
7. MARTIN RM. *A comparative study of the ionic composition of fluid inclusions in quartz using capillary ion analysis*. M.Sc. Studieleier: Prof DK Hallbauer.
8. MOUTON E. *The diamondiferous gravels of the Koeskop palaeochannel in the lower Orange River - an economic evaluation*. M.Sc. Studieleier: Prof JP le Roux.
9. O'BRIEN RM. *Geochemistry and Mineralogy of the Skarns associated with the Riviera Dep., Western Cape*. M.Sc. Studieleier: Prof DK Hallbauer.
10. PHILANDER C. *Mineralogy of the heavy mineral deposits in the Kleinzee area, Namaqualand, South Africa*. M.Sc. Studieleier: Prof A Rozendaal.
11. RIES W. *Geology and geochemistry of the Nigramoep ore deposit*. M.Sc. Studieleier: Dr R Scheepers.
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13. VAN DER MEWE JJ. *Factors affecting grain size determination using the sedigraph*. M.Sc. Studieleier: Prof JP le Roux.
14. WESSELS C. *The geology of the Riviera W-Mo (REE, Cu) deposit*. M.Sc. Studieleier: Dr R Scheepers.

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1. KING PR, COETZER WA. The effect of treatment with a slow-releasing oxytocin preparation at the onset of oestrus on the ovulation rate of Merino ewes. *Journal of the South African Veterinary Association* 1997; **68**(1): 16-17.

- MEINTJES M, BEZUIDENHOUT C, BARTELS O, VISSER DS, MEINTJES J, LOSKUTOFF NM, FOURIE FL, BARRY DM, GODKE A. In vitro maturation and fertilization of oocytes recovered from free-ranging Burchell's zebra (*Equus burchelli*) and Hartman's zebra (*Equus zebra hartmannae*). *Journal of Zoo and Wildlife Medicine* 1997; **28**(3): 251-259.
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- MYBURGH KH, MOFFIT K, DODD B, LAMBERT V. *Longitudinal study of South African female pre-Olympic gymnasts: growth and energy balance*. Congress: Federation of International Gymnastics and the "Bundesinstitut für Sportwissenschaft". Berlin, Germany, 1997; **A16**: 32-33.
- MYBURGH KH, SPAAN V, BALL-BURNETT M, GRANT S, ST CLAIRE-GIBSON A, RODGER I, BELONJE J, GREEN L. *Supra-maximal interval training in endurance trained cyclists*. 10th International Conference of Biochemistry of Exercise. Sydney, Australia, 1997; **1.2**: 1-1.
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- SCHOOMBEE CJ, COETZER WA, BARRY DM. *The Damara sheep: An appraisal of its reproductive performance*. Proceedings of the 35th Congress of the South African Society of Animal Science. Nelspruit, 1997: 208-209.

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- MYBURGH KH, MOFFIT K, DODD B, LAMBERT V. *Development of gymnastics: The Young Talents*. Federation of International Gymnastics and the "Bundesinstitut für Sportwissenschaft". Berlin, Germany, 1997.
- MYBURGH KH, WESTON A. *The human athlete: heterogeneity and adaptability*. International Conference of Comparative Physiology and Biochemistry. Skukuza, South Africa, 1997.

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- MYBURGH KH. *Creatine supplementation: When and why does it work?* Biannual Congress of the South African Sports Medicine Association. Sun City, 1997.

## Magister afgehandel/Master's completed

- MEINTJES JE. *Faktore wat 'n rol speel tydens in vitro bevrugting by skape en beeste*. M.Sc., 1997. 243 pp. Studieleier: Dr DM Barry.
- STANDER PC. *The incidence of certain physiological and psychological symptoms which contribute to the premenstrual syndrome*. M.Sc., 1997. 240 pp. Studieleier: Dr FE van Niekerk.
- SWART JJ. *Geslagtelike manipulasie in die reënboogforel *Oucorhynchus mykiss**. M.Sc., 1997. 114 pp. Studieleier: Prof JC Morgenthal.

## Doktoraal loped/Doctoral current

1. BARRY DM. *A physiological study on the degeneration of ruminant embryos in vivo and the survival of the embryo in vitro*. Ph.D. Promotor: Prof JC Morgenthal.
2. SCHOOMBEE CJA. *The Damara sheep: An appraisal of its reproductive performance and potential*. Ph.D. Promotor: Prof WA Coetzer.
3. STRAUSS JAdW. *Faktore wat die prestasie van dames atlete kan beïnvloed*. Ph.D. Promotor: Dr KH Myburgh.
4. TICHELAAAR HY. *The effect of N-3 fatty acids supplementation on growth in low birthweight infants*. Ph.D. Promotor: Dr J van Rooyen.

## Magister lopens/Master's current

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2. KLOPPERS Z. *Die effek van verskillende *Gossypium* spesies (katoen) op die histologie van spesifieke weefsel*. M.Sc. Studieleier: Mnr D du Plessis.
3. KOTZE DJ. *In vitro fertilization of bovine oocytes*. M.Sc. Studieleier: Dr DM Barry.
4. MPOYO KR. *Superovulation in goats and cattle*. M.Sc. Studieleier: Dr DM Barry.
5. PRETORIUS WS. *An alternative approach to subfunctional corpora lutea in the superovulated sheep ewe*. M.Sc. Studieleier: Dr DM Barry.
6. SEGADAVAN A. *Ishaemic contracture causes reperfusion arrhythmias*. M.Sc. Studieleier: Dr J van Rooyen.

## MIKROBIOLOGIE / MICROBIOLOGY

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  3. TORRIANI S, VESCOVO M, DICKS LMT. *Streptococcus thermophilus* and *Lactobacillus delbrueckii* subsp. *bulgaricus*: A review. *Annali di Microbiologia ed Enzimologia* 1997; **47**: 29-52.
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4. COERTZEN MA. *Groepbenadering tot musiek-opvoeding met besondere verwysing na klawerbord-onderrig*. D.Ed. Promotor: Prof AE Carl.
5. DODGEN HJ. *Xhosa-speaking pupil's understanding of heat and temperature*. D.Ed. Promotors: Dr AS Jordaan en prof PG Human.
6. DU TOIT AJ. *Riglyne vir probleemgestremde trigometrie-onderwys*. D.Ed. Promotor: Prof PG Human.
7. FRAUENKNECHT R. *High school and early tertiary student's understanding of graphs of motion*. D.Ed. Promotors: Dr AS Jordaan en prof PG Human.
8. GROENEWALD J. *Design criteria for the development of initial and advanced courses in secondary language teacher training*. D.Ed. Promotor: Prof CA Kapp.

9. HANSEN JK. *The English curriculum in multi-cultural education in South Africa*. D.Ed. Promotor: Dr JJ Swartz.
10. JOHANNES D. *Kritiese elemente in die opleiding van onderwysers ten opsigte van opvoeding van vrede*. D.Ed. Promotor: Prof AE Carl.
11. KIM YM. *Didactic strategies for the use of lyrics in Religious education*. Ph.D. Promotor: Dr CD Roux
12. LE ROUX A. *Die invloed van voorkennis op die benutting van probleemgesentreerde leergeleenthede in rekenkunde*. D.Ed. Promotor: Prof PG Human.
13. MURRAY JC. *Die voorkoms van spontane reken-strategieë by junior primêre leerlinge*. D.Ed. Promotor: Prof PG Human.
14. NOWERS RJ. *Omgewingsopvoeding aan landboukolleges: 'n Holistiese kurrikulumbenadering tot omgewingsaangeleenthede*. D.Ed. Promotor: Prof DR Schreuder.
15. PAULSEN ME. *Co-operative learning for children with special educational needs*. Ph.D. Promotor/medepromotor: Prof P Engelbrecht/dr H Menkveld.
16. RODGERS L. *Die ontwikkeling van onderwysers ten opsigte van uitkomsgebaseerde benadering. 'n Kwalitatiewe evaluering*. Ph.D. Promotor: Prof AE Carl.
17. VAN HEERDEN JE. *Junior sekondêre leering se vlak van bewustheid van bewerkingseienskappe*. D.Ed. Promotor: Prof PG Human.
18. VAN JAARSVELD PP. *Knowledge integration in the learning of mathematics at the upper secondary level*. D.Ed. Promotor: Prof PG Human.

## Magister Iopend/Master's current

1. BUSAKWE TL. *A needs assessment for staff development in Colleges of Education with specific references to colleges in the central region of the Eastern Cape*. M.Ed. Studieleier: Prof CA Kapp.
2. CLOETE GM. *Koöperatiewe aanbiedingsmetodes in die onderrig van handelsvakke op skoolvlak*. M.Ed. Studieleiers: Mnr AP de Villiers en prof AE Carl.
3. COETZER A. *Die gesprek (writing conference) tussen onderwyser en leerlinge tydens die skryfproses*. M.Ed. Studieleier: Dr R Smuts.
4. DE VILLIERS JM. *Die evaluering van junior sekondêre leerlinge se beskouing van denkvaardigheidsontwikkeling*. M.Ed. Studieleier: Prof T Park.
5. DE VILLIERS L. *Die implikasies van postmodernisme vir multikulturele kunsonderwys*. M.Ed. Studieleier: Mnr FJ Potgieter.
6. DE WITT E. *Krommepassing as probleem tipe in 'n probleemgesentreerde benadering tot algebra en differensiaalrekenkunde op skoolvlak*. M.Ed. Studieleier: Prof PG Human.
7. DENG A LP. *The supervision of teaching practice in teacher education programmes*. M.Ed. Studieleier: Prof T Park.
8. FERGUSON R. *Strategies for teaching religion in Colleges of Education*. M.Ed. Studieleier: Dr CD Roux.
9. HILLBRUGH T. *Die identifisering van kritiese elemente in die ontwikkeling van primêre skoolhoofde om omgewingsopvoeding in 'n totale skool-benadering te implimenteer*. M.Ed. Studieleier: Prof DR Schreuder.
10. ISAACS A. *Alternative evaluation strategies for geography education in a multicultural classroom*. M.Ed. Studieleier: Dr MJ Smit.
11. ISAACS J. *The development of a student feedback system for Colleges of Vocational Education in the Western Cape*. M.Ed. Studieleier: Prof CA Kapp.
12. JANSEN TWJ. *Die rol van omgewingsopvoeding in die aanspreek van omgewingsprobleme in 'n agtergestelde gemeenskap: 'n aksienavorsings-benadering tot probleemoplossing in die primêre skool*. M.Ed. Studieleier: Prof DR Schreuder.
13. JOHNSON LJ. *Die ontleding van die onderrig-ontwikkelingsbehoefte van onderwysers in die historiesbenadeelde skole*. M.Ed. Studieleier: Prof T Park.
14. KAKAZA NP. *A critical evaluation of the teaching practice programme in the central region of the Eastern Cape province*. M.Ed. Studieleier: Prof CA Kapp.
15. KHUMALO KH. *The effect of co-operative learning on student performance in English as a second language with specific reference to the Madadeni College of Education*. M.Ed. Studieleier: Prof CA Kapp.
16. KIM AE. *Didactic approaches to Religious education in home-schooling*. M.Ed. Studieleier: Dr CD Roux.
17. KROESE EM. *An action research approach to curriculum development: consumerism as a focus in English (Second Language) in a secondary school in a middle class community*. M.Ed. Studieleier: Prof DR Schreuder.
18. LAING MMJ. *Implikasies van alternatiewe wiskunde-kurrikulum in die junior primêre skoolfase vir remediëringsbehoefte en -praktyk*. M.Ed. Studieleier: Prof PG Human.
19. LAMPEN CE. *Die ontwikkeling van junior primêre leerlinge se geometrisering van drie-dimensionele voorwerpe*. M.Ed. Studieleiers: Mnr AI Olivier en mev JC Murray.
20. LAWS R. *Die bydrae van Aardrykskunde-onderrig tot die bevordering van multikulturalisme*. M.Ed. Studieleier: Dr MJ Smit.
21. LOUW AJ. *'n Ontleding van die Aardrykskunde-kurrikula van primêre en junior sekondêre standers in enkele geselekteerde oorsese lande*. M.Ed. Studieleier: Dr MJ Smit.
22. MAASDORP KF. *Die rol van die Skoolvoortligting-onderrig in die onderwyshantering van sosiale omgewingsprobleme*. M.Ed. Studieleier: Prof DR Schreuder.
23. MACHINKA MP. *The utilisation of critical thinking towards the enhancement of teaching and learning, with special reference to the teaching of Sepedi literature*. M.Ed. Studieleier: Prof CA Kapp.
24. MARAIS JF. *Die seinsistiem as waarnemings-formaat in die opleiding van onderwysers*. M.Ed. Studieleier: Prof T Park.
25. MATIWANE S. *Continuous evaluation in History teaching*. M.Ed. Studieleier: Prof AE Carl.
26. MATOLE M. *Communicative language teaching as a means of addressing under-achievement in English as a second language in standard 5 pupils in DET schools*. M.Ed. Studieleier: Dr JJ Swartz.
27. MATSHEKE VV. *A critical evaluation of the curriculum for Teacher Education Colleges in the Eastern Cape*. M.Ed. Studieleier: Prof CA Kapp.
28. MHALAULI AN. *An investigation into the development of an active learning approach to environmental education in black urban junior school situations*. M.Ed. Studieleier: Prof DR Schreuder.
29. NACKERDIEN NF. *Reading development in second language at secondary school level: An integrative model for continuous assessment of reading comprehension*. M.Ed. Studieleier: Dr E Ridge.
30. NEETHLING AD. *Kurrikulumverryking in Aardrykskunde-onderrig op sekondêre skoolvlak*. M.Ed. Studieleier: Dr MJ Smit.

31. NEETHLING SAC. *Die ontwerp van 'n model vir oerbetrokkenheid by die skoolkurrikulum in 'n sosio-ekonomiese gedepriëerde gemeenskap.* M.Ed. Studieleier: Prof AE Carl.
32. NORVAL GM. *The development of a practical component for students on the academic bridging programme at the Durban Technical College.* M.Ed. Studieleier: Prof CA Kapp.
33. PLAATJIES SJ. *Oerbetrokkenheid in die ontwikkeling van 'n leerkuultuur op hoërskoolvlak.* M.Ed. Studieleier: Prof AE Carl.
34. QAGA B. *English syllabus revision as a means of addressing the academic needs of potential tertiary students.* M.Ed. Studieleier: Dr JJ Swartz.
35. SIAS WDN. *'n Ondersoek na die relevansie van Geskiedenis op skoolvlak: 'n Gevallestudie.* M.Ed. Studieleier: Prof AE Carl.
36. SNYDERS A. *Die hantering van 'n mono-religieuse kurrikulum binne multi-religieuse primêre skoolverband.* M.Ed. Studieleier: Dr CD Roux.
37. STEINMETZ M. *The use of teaching skills to enhance English Second Language teaching at the junior secondary school level.* M.Ed. Studieleier: Dr JJ Swartz en dr E Ridge.
38. STUURMAN C. *Die bemagtiging van ouers met betrekking tot effektiewe onderwysleierskap in sekondêre skole in die RSA gedurende 'n tyd van transformasie.* M.Ed. Studieleier: Prof AE Carl.
39. SWART DE. *Die onafhanklikheid van die Natuur- en Skeikunde kurrikulum van die Wiskunde kurrikulum.* M.Ed. Studieleier: Dr AS Jordaan.
40. TAYLOR MJ. *The potential of local networking processes of environmental education within a local context.* M.Ed. 1997. Studieleier: Prof DR Schreuder.
41. VAN DER MESCHT CRD. *The power of pictures: Photographs as stimuli for writing CED essay examinations.* M.Ed. Studieleier: Dr E Ridge.
42. VAN DYK JJ. *Die oorgang van rekenkunde na algebra in 'n probleemgesentreerde benadering.* M.Ed. Studieleier: Prof PG Human.
43. VAN SCHALKWYK C. *The contribution of Geography teaching towards the development of thinking skills of the learner.* M.Ed. Studieleier: Dr MJ Smit.
44. VILJOEN CG. *The role of the primary school English teacher in communicative language teaching.* M.Ed. Studieleier: Dr E Ridge.

## **MENSLIKE BEWEGINGSKUNDE / HUMAN MOVEMENT STUDIES**

### **Tydskrifartikels/Journal articles**

1. VAN DER MERWE FJG. Sport op Robbeneiland: 'n Simbool van die veranderende Suid-Afrikaanse samelewing. *SA Tydskrif vir Navorsing in Sport, Liggaamlike Opvoedkunde en Ontspanning* 1996; **19**(1&2):101-109.
2. VAN DER MERWE FJG. Suid-Afrika en die 1904-Olimpiese Spele: Nuwe feite. *SA Tydskrif vir Navorsing in Sport, Liggaamlike Opvoedkunde en Ontspanning* 1996; **19**(1&2):111-120.
3. VAN DER MERWE FJG. 'n Verkenning van die vryetydsbesteding onder die Maleise slawe aan die Kaap. *Suid-Afrikaanse Tydskrif vir Kultuurgeskiedenis* 1997; **11**(2): 23-29.

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

1. VAN DER MERWE FJG. *Rugby in the prisoner-of-war camps during the Anglo-Boer War, 1899-1902.* Football and Identities: An international conference encompassing research on all football codes. Brisbane, Australië, 1997.
2. VAN DER MERWE FJG. *Sport as a means to secure sanity and health in prisoner-of-war camps during the Anglo-Boer War (1899-1902).* 4th International ISHPES congress for sport history. Lyon, Frankryk, 1997.

### **Navorsingsverslag/Research reports**

1. VAN DER MERWE FJG. *Sport en spel in die Boerekrygsgevangenekampe tydens die Anglo-Boereoorlog, 1899-1902.* Dept Menslike Bewegingskunde, U.S., 1995/1. 103 pp.

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

1. PATERSON GD. *The validation of an instructional model to promote self-esteem through participation in sport.* Ph.D., 1997. 385 pp. Promotor/medepromotor: Dr ES Bressan/prof JR Potgieter.

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

1. BRAUN CR. *The effects of a water activities programme on the motor proficiency of children with developmental coordination disorder.* M. in Menslike Bewegingskunde cum laude, 1997. 122 pp. Studieleier: Dr ES Bressan.
2. DE VILLIERS DB. *'n Leefstyl-leerprogram vir sekondêre skole: 'n simbiose tussen liggaamlike en gesondheidsopvoeding.* M.Ed., 1997. 134 pp. Studieleier: Dr KJ van Deventer.
3. HERBERT B. *Perceptions of the value of competitive sport for persons with disabilities.* M. in Menslike Bewegingskunde, 1997. 108 pp. Studieleier: Dr ES Bressan.
4. RAAFF J. *The programming of a dynamic model for the performance of fundamental skills in selected ball sports.* M. in Menslike Bewegingskunde, 1997. 103 pp. Studieleier: Dr ES Bressan.

## Doktoraal lopend/Doctoral current

1. BAARD ML. *Expressive movement and the development of the perceptual-motor abilities of young children*. Ph.D. Promotor: Dr ES Bressan.
2. BENADE S. *The effect of a strategic management intervention on the performance of a sport club*. Ph.D. Promotor/medepromotor: Dr JH Malan/prof N Terblanche.
3. HERBERT EJ. *Identifying kinesiological predictors for high level underwater performance*. Ph.D. Promotor: Prof JH Blaauw.
4. MAREE GJ. *Die effek van geselekteerde sielkundige intervensies op sportprestasie*. Ph.D. Promotor: Prof JR Potgieter.
5. NEL PdeV. *'n Multidimensionele profielstudie van valskermspringers*. Ph.D. Promotor: Prof JR Potgieter.
6. VAN HEERDEN JC. *Die effek van geselekteerde motiveringstechnieke op sportlui*. Ph.D. Promotor: Prof JR Potgieter.

## Magister lopend/Master's current

1. ALEXANDER LF. *The effects of participation in rhythmic gymnastics on motor skills and self-esteem of girls*. M. in Menslike Bewegingskunde. Studieleier/medestudieleier: Dr ES Bressan/me E Latsky.
2. AZEVEDO-BURTON I. *A situation analysis of sport and recreation for girls and women in selected townships in the Western Cape Province*. M. in Menslike Bewegingskunde. Studieleier: Dr ES Bressan.
3. FURSTENBERG D. *Die invloed van waterterapie tydens swangerskap*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
4. HAGE N. *Die effek van hidroterapie op rheumatoïede artritis*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
5. KEULER F. *Die invloed van 'n pliometriese oefenprogram op beenplofkrag en ratsheid van netbalspelers*. M. in Menslike Bewegingskunde. Studieleier/medestudieleier: Me RE Venter/prof JH Blaauw.
6. KEYSER H. *The effects of an integrated training programme on the sport performance of individuals with quadriplegia*. M. in Menslike Bewegingskunde. Studieleier: Dr ES Bressan.
7. MANDER M. *Cardiac risk factors: A pediatric problem*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
8. PEDERSEN PB. *Attitudes of prospective teachers towards physical activity: A cross-cultural and longitudinal perspective*. M. in Menslike Bewegingskunde. Studieleier: Dr KJ van Deventer.
9. ROUX CJ. *The influence of recreation on the attitude of college students towards multi culturalism*. M. in Menslike Bewegingskunde. Studieleier/medestudieleier: Dr JH Malan/prof JR Potgieter.
10. SURMON SH. *Die bepaling van die wringkragerhouding tussen maksimale konsentriese en eksentriese spierkragerkontraksies (quadriceps en hampese) vir die toepassing in die rehabilitasie proses*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
11. VAN NIEKERK E. *Morfologiese en fisiologiese profiel van elite-ritmiese gimnaste in Suid-Afrika*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
12. VARNDILL J. *Sacro iliac joint malalignment and ilio tibial band syndrome*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
13. VILJOEN GD. *Die invloed van 'n aërobiese waterrehabilitasieprogram op hipertensie*. M. in Menslike Bewegingskunde. Studieleier: Prof JH Blaauw.
14. WHEATON KA. *An inventory for determining the psychological skills of sportspersons*. M. in Menslike Bewegingskunde. Studieleier: Prof JR Potgieter.

## OPVOEDINGSBELEIDSTUDIE / EDUCATION POLICY STUDIES

### Tydskrifartikels/Journal articles

1. DE KLERK J. Die kontradiksies van kompetisie in skole. *Die Unie* 1997; **93**(5): 15-16.
2. DU PLESSIS WS. Die legitimiteit van 'n tegnologiekurrikulum vir algemeen-vormende skoolonderwys. *Tydskrif vir Geesteswetenskappe* 1997; **37**(4): 275-284.
3. DU PLESSIS WS. Opvoeding en opleiding: verwant of vreemdelinge? *Die Unie* 1997; **93**(6): 12.
4. STEYN JC. Opvoedkundig-verantwoordbare onderwys binne Suid-Afrikaanse konteks: 'n Perspektief op demokratiese onderwys. *Die Unie* 1997; **92**(4): 8-12.

### Verrigtinge internasionaal/Proceedings international

1. STEYN JC. *Postmodernism: An alternative perspective on educational theory and practice*. Internasionale Kongres oor Postmodernisme en Onderwys. Potchefstroom, Suid-Afrika, 1997: 154-164.

### Referate nasionaal/Papers national

1. DE KLERK J. *The implications of Covey's principle based philosophy for accountable education*. OVSA-kongres. Amanzimtoti, 1997.
2. PRINSLOO NP. *The appointment of teachers: A nodal point in educational powersharing*. SAELPA-kongres. Stellenbosch, 1997.
3. STEYN JC. *Opvoedkundig-verantwoordbare onderwys binne Suid-Afrikaanse konteks: 'n Perspektief op demokratiese onderwys*. OVSA-kongres. Amanzimtoti, 1997.

4. STEYN JC. *Verantwoordbare beoefening van die Filosofie van die Opvoeding*. OVSA-kongres. Amanzimtoti, 1997.

## Boeke/Books

1. STEYN JC, DU PLESSIS WS, DE KLERK J. *Education for democracy*. Wachwa, 1997. 150 pp.

## Hoofstukke in boeke/Chapters in books

1. DU PLESSIS WS. Die Bedeutung europäischer Schulbildungsreform für die Entwicklungsländer Afrikas. In: Protz S, (red.). *Europa als Bildungsgemeinschaft*. Hain Verlag, 1997: 356-364.
2. DU PLESSIS WS. Current education reform in South Africa. In: Lenhart V, Hörner H, (reds.). *Aspekte internationaler Erziehungswissenschaft*. Deutscher Studien Verlag, 1996: 199-212.
3. DU PLESSIS WS. Schulsport in internationaler Vergleich - Beispiel Südafrika. In: Liedtke M, (red.). *Schule und Sport*. Julius Klinkhardt, 1997: 10 pp.

## Doktoraal afgehandel/Doctoral completed

1. BRAND HA. *Die plek van selfopvoeding in die vestiging van 'n demokratiese kultuur in die skoolmilieu*. D.Ed., 1997. 335 pp. Promotor: Prof JC Steyn.
2. GREYBE L. *Die bestuur van die herstruktureringproses van die nuwe onderwysbedeling in die Wes-Kaap tot einde 1995*. D.Ed., 1997. 231 pp. Promotor/medepromotor: Dr PJ du Toit/dr DJL Taylor.

## Magister afgehandel/Master's completed

1. ABELS C. *'n Eksemplariese studie van die agogiese nood in agterblewe stedelike gebiede*. M.Ed., 1997. 105 pp. Studieleier: Dr WS du Plessis.
2. ANTHONISSEN I. *Die bewegingsopvoedkundige, HI Nel: 'n histories-filosofiese studie*. M.Ed., 1997. 157 pp. Studieleier/medestudieleier: Prof JC Steyn/prof EH Katzenellenbogen.
3. APPOLLIS JG. *Die skoolhoof as fasiliteerder vir organisasie-ontwikkeling*. M.Ed., 1997. 116 pp. Studieleier: Dr LP van Kradenburg.
4. BAADJIES BS. *'n Prinsipiële verantwoording van tegnologie-onderwys in die skoolkurrikulum*. M.Ed., 1997. 107 pp. Studieleier: Dr WS du Plessis.
5. CERFF K. *The establishment and management of a transformative biblical Christian school submitted to local church*. M.Ed. cum laude, 1997. 194 pp. Studieleier: Dr PJ du Toit.
6. FILANDER AL. *Benadering tot die bestuur van diversiteit in sekondêre skole in die Republiek van Suid-Afrika*. M.Ed., 1997. 118 pp. Studieleier: Dr PJ du Toit.
7. GERTSE N. *Werkverrigingbestuur: Strategiese verhoging van werkprestasie en produktiwiteit in die skool*. M.Ed., 1997. 133 pp. Studieleier: Dr LP van Kradenburg.
8. HABELGAARN FC. *Strategiese beplanning vir die optimalisering van oerbetrokkenheid by skole in swak sosio-ekonomiese omstandighede*. M.Ed., 1997. 94 pp. Studieleier: Prof NP Prinsloo.
9. HABELGAARN GJC. *Professionele ontwikkelingspraktyke vir die induksie van beginnerskoolhoofde in Suid-Afrika, met spesiale verwysing na die mentorstelsel*. M.Ed., 1997. 89 pp. Studieleier: Dr PJ du Toit.
10. HOFFMANN SJ. *Die bestuur van oer- en gemeenskapsbetrokkenheid by skole in 'n multikulturele perspektief*. M.Ed., 1997. 124 pp. Studieleier: Dr PJ du Toit.
11. LANDEY VCJJ. *'n Onderwysbestuursperspektief op produktiwiteit in onderwysinstellings*. M.Ed., 1997. 150 pp. Studieleier: Prof NP Prinsloo.
12. PHILLIPUS WAC. *'n Teoretiese verantwoording van opvoedkunde skoling aan volwassenes – 'n eksemplariese studie*. M.Ed., 1997. 109 pp. Studieleier: Dr WS du Plessis.
13. SMITH RS. *Die rol van ouervennootskap in agtergeblewe gemeenskappe ten opsigte van doeltreffende onderwysbestuur*. M.Ed., 1997. 101 pp. Studieleier: Dr LP van Kradenburg.
14. VAN DER WESTHUIZEN AP. *Die rol van informasietegnologie in skooladministrasie en skoolbestuur*. M.Ed., 1997. 104 pp. Studieleier: Prof NP Prinsloo.
15. VISAGIE EF. *'n Ondersoek na landelike onderwys in die Wes-Kaap met spesiale verwysing na die agogiese nood van die mense van die Elgin-Vyeboom-Grabouw gebied*. M.Ed., 1997. 120 pp. Studieleier: Dr WS du Plessis.

## Doktoraal lopend/Doctoral current

1. DE KLERK EC. *Die implementering van onderwysbeleid vir multikulturele onderwys*. D.Ed. Promotor: Dr PJ du Toit.
2. DIEDERICKS AE. *Die moontlike privatisering van enkele onderwysfunksies in sekondêre onderwys*. D.Ed. Promotor: Prof NP Prinsloo.
3. DU PLESSIS SW. *Skoolonderwys in die USSR onder Stalin: 'n Histories-pedagogiese ondersoek en perspektiefstelling*. D.Ed. Promotor: Prof JC Steyn.
4. ELS G. *Personeelontwikkeling aan tegniese kolleges: 'n Onderwysbestuursperspektief*. D.Ed. Promotor: Dr LP van Kradenburg.
5. KLEYNSCHELDT RJ. *'n Kritiese besinning oor die vennootskapskonsep in die Suid-Afrikaanse skoolonderwys*. D.Ed. Promotor: Dr WS du Plessis.
6. LEWIS A. *Past and present perceptions surrounding mission education and the 1953 Bantu Education Act: A historical metabletical overview*. D.Ed. Promotor: Prof JC Steyn.

7. MSENGANA NW. *The significance of the concept "Ubuntu" for Educational Management development*. Ph.D. Promotor: Prof NP Prinsloo.
8. NORTIER W. *Vrye kommunikasie as voorwaarde vir demokratiese opvoeding*. D.Ed. Promotor: Dr WS du Plessis.
9. SCHEUN D. *Skoolbestuur in die lig van die eise vir regstellende aksie*. Ph.D. Promotor: Prof NP Prinsloo.
10. SPENCER ST. *The history of education in Malawi with a focus on the role of specific mission agencies*. D.Ed. Promotor/medepromotor: Prof JC Steyn/prof CM Pauw.
11. VAN SCHALWYK PL. *Die ontwerp en ontwikkeling van 'n rekenaargesteelde opleidingsprogram in kommunikasie as bestuursvaardigheid vir vakhooftede in skole*. D.Ed. Promotor/medepromotor: Dr PJ du Toit/dr MM Malan.
12. WYNGAARD AT. *Filosofies-opvoedkundige perspektiewe op 'n alternatiewe funksionele model vir onderwysvoorsiening*. D.Ed. Promotor/medepromotor: Dr WS du Plessis/prof JC Steyn.

## Magister Iopend/Master's current

1. ADAMS RA. *Die funksie van die primêre skool in die vestiging van lewensvaardighede*. M.Ed. Studieleier: Dr J de Klerk.
2. ADONIS B. *The empowerment of South African women through education*. M.Ed. Studieleier: Dr J de Klerk.
3. ALIDZULWI TA. *The role of parents in values education with special reference to the situation in Venda/Northern Province*. M.Ed. Studieleier: Prof JC Steyn.
4. BLAAUW WA. *Strategic planning for the implementation of a culture of learning and teaching in a school*. M.Ed. Studieleier: Prof NP Prinsloo.
5. DAVIS MV. *Skoolbeleid tydens politieke transformasie: 'n Studie van geselekteerde skole in Kimberley*. M.Ed. Studieleier: Dr DJL Taylor.
6. DODGEN NA. *A partnership approach to training ABET practitioners in the Western Cape Province*. M.Ed. Studieleier: Dr DJL Taylor.
7. ENGLE GC. *Parental involvement in the promotion of a culture of learning*. M.Ed. Studieleier: Dr DJL Taylor.
8. ESTERHUIZEN RCJ. *Selfvernuwing vir skoolvernuwing: 'n Aksienavorsingsondersoek na die rol van die prinsipaal*. M.Ed. Studieleier: Dr DJL Taylor.
9. FOX M. *Die kind se opvoedingsregte binne die Suid-Afrikaanse skoolverband en kultuurkonteks*. M.Ed. Studieleier: Prof JC Steyn.
10. HENDRICKS M. *School governing bodies: Their significance in the democratic transformation of society*. M.Ed. Studieleier: Dr DJL Taylor.
11. ISAACS UC. *Vroueregte in onderwysbestuur*. M.Ed. Studieleier: Prof NP Prinsloo.
12. JAFFER N. *The accommodation of industry and commerce in the training of technology teachers for secondary schools*. M.Ed. Studieleier: Dr WS du Plessis.
13. JOSEPH KD. *Die aanpassing en vordering van die plaaskind in dorpskole in die Worcester-streek*. M.Ed. Studieleier: Dr J de Klerk.
14. KESTEN EE. *Die rol van beheerliggame tydens die herstrukturingsproses in die Suid-Afrikaanse onderwysstelsel*. M.Ed. Studieleier: Dr DJL Taylor.
15. MANJEZI X. *Some aspects of women leaders in education - a multicultural perspective*. M.Ed. Studieleier: Dr J de Klerk.
16. MANUEL AC. *Skoolbeleid in die vestiging van 'n leerkuultuur*. M.Ed. Studieleier: Dr DJL Taylor.
17. MERCKEL BD. *Persoonlike vryheid as hoeksteen van liberale demokrasie: Implikasies vir skoolonderwys*. M.Ed. Studieleier: Dr DJL Taylor.
18. MOLEKO SDR. *Role of teams in effective educational management*. M.Ed. Studieleier: Dr LP van Kradenburg.
19. PILLAY DT. *Discipline through dialogue: A strategy to develop a culture of learning in the Western Cape*. M.Ed. Studieleier: Prof JC Steyn.
20. SCHEEPERS ID. *Die verband tussen die onderwyser-leerling vennootskap en die onderrig- en leerkuultuur*. M.Ed. Studieleier: Dr J de Klerk.
21. SONN E. *Bendevorming onder sekondêre leerlinge: 'n filosofies-kontekstuele studie*. M.Ed. Studieleier: Dr J de Klerk.
22. VAN TONDER D. *Community upliftment through education: The role of community colleges*. M.Ed. Studieleier: Dr DJL Taylor.

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

## Tydskrifartikels/Journal articles

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2. ACKERMANN CJ, BOTHA M. The relation between career maturity and career identity among a group of Xhosa-speaking adolescents. *South African Journal of Education* 1997; **17**(4): 180-185.
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4. CILLIERS CD, KILPIN EM. Integrating study and thinking skills in a bridging programme for disadvantaged freshmen at a South African university. *International Journal of Special Education* 1997; **12**(1): 56-63.
5. ENGELBRECHT P, ELOFF I. The role of the educational psychologist in inclusive education in South Africa. *International Journal of Special Education* 1997; **12**(1): 31-36.
6. ENGELBRECHT P, ELOFF I, NEWMARK R, KACHELHOFFER A. Support in inclusive education: the Down's syndrome projects. *Suid-Afrikaanse Tydskrif vir Opvoedkunde* 1997; **17**(2): 81-84.



7. ENGELBRECHT P, NATZEL SG. Cultural variations in cognitive style: field dependence vs field independence. *School Psychology International* 1997; **18**: 155-164.
8. VAN ROOYEN AE, ENGELBRECHT P. Die effektiwiteit van enkele skoolgereedheidstoetse vir die voorspelling van skolastiese prestasie by die skoolbeginner. *Suid-Afrikaanse Tydskrif vir Opvoedkunde* 1997; **17**(1): 7-10.

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2. CILLIERS CD, VAN DER VYVER DH. *UPTRAIL's Keys to Thinking for primary school pupils and teachers in Africa: why and how?* Sixth Conference of the International Association for Cognitive Education. Stellenbosch, South Africa, 1997.
3. ENGELBRECHT P, ELOFF I. *A cognitive control therapy programme for learners with Down's syndrome*. Sixth biennial Down's syndrome conference. Madrid, Spain, 1997.
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5. ENGELBRECHT P, ELOFF I, NEWMARK R, KACHELHOFFER A. *Support in inclusive education*. Fifth biennial conference of the International Association of Special Education. Bellville, South Africa, 1997.
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10. HAVENGA EHM. *A non-standardised cognitive neuropsychological screening battery for initial reading*. Fifth Biennial Conference of the International Association of Special Education. Bellville, South Africa, 1997.
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4. KRUGER MJ, ENGELBRECHT P. *Die verband tussen kindertekeninge en skoolprestasie van plattelandse Tswana-skooltoetreders*. Third Annual Congress, Psychological Society of South Africa. Durban, 1997.
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2. DOURANS F. *Assertive behaviour of a group of English speaking secondary school learners*. M.Ed., 1997. 101 pp. Studieleier: Dr AE van Heerden.
3. HEINE MC. *Die Algemene Skolastiese Aanlegtoets (ASAT) as voorspeller van wiskundeprestasie in graad twaalf*. M.Ed., 1997. 98 pp. Studieleier: Dr CJ Ackermann.
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1. BUNDING MG. *Identifying reading problems: an inservice training programme for junior primary teachers*. Ph.D. Promotor: Prof P Engelbrecht.
2. HALL MM. *Die rol van spesiale skole in inklusiewe onderwys*. Ph.D. Promotor: Prof P Engelbrecht.
3. HAVENGA EHM. *'n Informele kognitief-neuropsigologiese siftingsbatterij vir leesprobleme*. D.Ed. Promotor: Prof P Engelbrecht.
4. LAAUWEN MG. *Learners with special educational needs: assessment for inclusion*. Ph.D. Promotor: Prof P Engelbrecht.
5. MAMA SN. *An educational psychological model for school clinics in the Western Cape*. Ph.D. Promotor: Prof CD Cilliers.
6. NEWMARK R. *'n Ekosistemiese benadering tot die plasing van kinders met Downsindroom in die hoofstroom: Die rol van die opvoedkundige-sielkundige*. Ph.D. Promotor: Prof P Engelbrecht.
7. PAULSEN ME. *Cooperative learning for children with special educational needs*. Ph.D. Promotor: Prof P Engelbrecht.
8. ROSSOUW MW. *'n Kognitiewe benadering ten opsigte van leergestremtheid binne transdissiplinêre spanverband*. Ph.D. Promotor: Prof P Engelbrecht.

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2. EALES LC. *Volwasse basiese onderwys en spesifieke leerprobleme van die volwasse leerder met besondere verwysing na die etiologie van eksterne faktore wat tot hierdie leerprobleme aanleiding gee*. M.Ed. Studieleier: Me EHM Havenga.
3. JANSEN EH. *'n Ondersoek na aandklasonderwys vir sekondêre skole in die eks-raad van verteenwoordigers en moontlike voorstelle vir 'n verbeterde stelsel vir volwasse basiese onderwys*. M.Ed. Studieleier: Me EHM Havenga.
4. KILPIN EM. *Reflection in problem solving: empowering historically disadvantaged freshmen at a South African university*. M.Ed. Studieleier: Prof CD Cilliers.
5. LIGTHART R. *'n Tuisonderrigprogram vir 'n leerder met aandagafleidbaarheid – hiperaktiwiteit*. M.Ed. Studieleier: Prof P Engelbrecht.
6. MALAN MM. *Learning styles: implications for optimising teaching and learning*. M.Ed. Studieleier: Prof CD Cilliers.
7. MEYER AR. *Riglyne om biologie as lewensvaardigheid by volwasse basiese onderwys te benut*. M.Ed. Studieleier: Me EHM Havenga.
8. NELL WL. *'n Ondersoek na die persoonlikheidstipes van 'n groep standaard nege seuns, met spesifieke verwysing na besluitneming*. M.Ed. Studieleier: Dr AE van Heerden.
9. PAULSE DP. *Riglyne vir die keuse van geskikte leesstukke vir volwasse basiese onderwys op aanvangsvlak*. M.Ed. Studieleier: Me EHM Havenga.
10. SAGOR JK. *Cultivating metacognitive approaches in the classroom: The role of teachers*. M.Ed. Studieleier: Prof P Engelbrecht.
11. SENDIN LT. *Riglyne om Aardrykskunde as lewensvaardigheid by volwasse basiese onderwys te benut*. M.Ed. Studieleier: Me EHM Havenga.
12. VAN DER MERWE MC. *Effektiwiteit van 'n informele skoolgereedmakingsprogram vir hoë-risiko kinders*. M.Ed. Studieleier: Prof P Engelbrecht.

# FAKULTEIT LANDBOUWETENSKAPPE FACULTY OF AGRICULTURAL SCIENCES

## AKKERBOU EN WEIDING / AGRONOMY AND PASTURES

### Tydskrifartikels/Journal articles

1. DE LANGE AJ, COMBRINK NJJ. Mikroklimaat onder plant- en grondbedekkers by die verbouing van saadlose waatlemoen (*Citrullus vulgaris*). *Applied Plant Science* 1997; **11**(1): 1–6.
2. DE VILLIERS OT, BOSMAN M. Analysis of the HMW glutenin subunit composition of wheat cultivars by SDS-Page. *South African Journal of Plant and Soil* 1996; **13**(1): 1-4.
3. PIETERSE PJ, BOUCHER C. ACACIA (A Case Against Controlling Introduced Acacias) – 19 years later. *South African Forestry Journal* 1997; **180**: 37-44.
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5. RAATH NC, AGENBAG GA. Invloed van grondbewerkingsmetode en N-bemesting op opbrengs, korrelproteïëinhoud en die voorkoms van 'yellow berry' by koring (*Triticum aestivum* L.). *Applied Plant Science* 1997; **11**(1): 16-19.
6. WOUTERS K, VLASSAK K, COMBRINK NJJ, MESJAZ PRZYBLOWICZ J, PRZYBLOWICZ WJ. Invloed van molibdeen saadbehandeling op *Lupinus angustifolius*. *Applied Plant Science* 1997; **11**(2): 49-52.

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1. AGENBAG GA. *Effect of stubble management, method of soil tillage and N fertilization on growth, yield and quality of spring wheat (Triticum aestivum L.)*. 1st All Africa Crop Science Congress. Pretoria, 1997.
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1. CONRADIE GWDR. *Chemiese beheer van Bromus diandrus Roth in Triticum aestivum L. met verskillende sulfoniël-ureas, dosisse, tye van toediening, asook die gebruik van naftaleen anhidried, 'n chemiese beveiligiger*. M.Sc.Agric., 1997. 188 pp. Studieleier: Prof GA Agenbag.
2. LECUONA AI. *Influence of a coal derived potassium humate on the yield and nutrient content of tomato (Lycopersicon esculentum L.) under field conditions*. M.Sc.Agric., 1997. 74 pp. Studieleier: Dr NJJ Combrink.
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### Doktoraal lopend/Doctoral current

1. FOURIE JC. *Evaluasie van dekgewasse vir vestiging in wingerd*. Ph.D. Promotor: Prof GA Agenbag.
2. KOTZE TN. *Hervestiging van eenjarige Medicago spp. in kleingraan-weidingwisselboustelsels*. Ph.D. Promotor: Prof GA Agenbag.
3. STRAUSS JA. *Droogteverdraagsaamheid van Suid-Afrikaanse lentekoring kultivars*. Ph.D. Promotor: Prof GA Agenbag.

### Magister lopend/Master's current

1. BRÖNN WJ. *Chemiese beheer van Bromus diandrus Roth. met Mon: 37532*. M.Sc. Agric. Studieleier: Prof GA Agenbag.
2. HANKOM D. *Die invloed van N, Ca en B voedingsvlakke op die fenoliese ontwikkeling en B-konsentrasies van verskillende plantdele van die oliesaad (Brassica napus)*. M.Sc.Agric. Studieleier: Dr NJJ Combrink.
3. KÖNIG R. *Witloof as groentegewas in Suid-Afrika*. M.Sc.Agric. Studieleier: Dr NJJ Combrink.
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5. NEL MM. *Stability and quality characteristics of South African spring wheat cultivars*. M.Sc.Agric. Studieleier: Prof GA Agenbag.
6. OBERHOLZER JA. *The use of dissolved inorganic carbon for the production of tomatoes*. M.Sc.Agric. Studieleier: Dr NJJ Combrink.
7. SCHREUDER HA. *Stikstofbemesting by aartappels*. M.Sc.Agric. Studieleier: Prof GA Agenbag.

## **ENTOMOLOGIE EN NEMATOLOGIE / ENTOMOLOGY AND NEMATOLOGY**

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4. MALAN AP, SWART A, MEYER AJ, HEYNS J. Description of two new *Xiphinema* species (Nematoda: Dorylaimida) from South Africa. *African Plant Protection* 1997; **3**(1): 39-46.

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1. BRINK T, GILIOEMEE JH, PRINGLE KL. *The occurrence of citrus thrips, Scirtothrips aurantii Faure in mango orchards in South Africa and the resulting implications for pest management*. Verrigtinge van die Gesamentlike Kongres van die Entomologiese Vereniging van Suidelike Afrika en die African Association of Insect Scientists. Stellenbosch, 1997: 104-105.
2. MEYER AJ. *Nematode problems of small farmers in the Western Cape Province*. *African Plant Protection* 1997: 114.
3. MTAMBO CC, GEERTSEMA H, GILIOEMEE JH. *The large cabbage white, Pieris brassicae (L.), a serious pest of cruciferous crops, newly established in South Africa*. Verrigtinge van die Gesamentlike Kongres van die Entomologiese Vereniging van Suidelike Afrika en die African Association of Insect Scientists. Stellenbosch, 1997: 78.
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3. MOUTON PleFN, GEERTSEMA H, FLEMMING AF. *The armadillo lizard, Cordylus cataphractus: The consequences of staying indoors*. American Society of Ichthyologists and Herpetologists. Seattle, VSA, 1997.

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

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1. BLOMEFIELD T. *Bionomics, behaviour and control of the codling moth Cydia pomonella in apple orchards*. Ph.D. (Agric.). Promotor/medepromotor: Prof JH Giliomee/dr KL Pringle.
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3. GROVE T. *Ecology of the citrus thrips, Scirtothrips aurantii Faure in South African mango orchards*. Ph.D. Promotor/medepromotor: Prof JH Giliomee/dr KL Pringle.

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3. MOORE T. *Biologiese beheer van die bloekomboorder Phoracantha semipunctata F.* M.Sc. Studieleier: Prof JH Giliomee.
4. STADLER H. *Die natuurlike vyande van vlieë geassosieer met pluimveeproduksie*. M.Sc. Studieleier: Prof JH Giliomee.

## GENETIKA / GENETICS

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2. VAN STADEN D, RETIEF AE. *DNA markers for Tomato Spotted Wilt Virus resistance gene (Sw-5)*. XIII Meeting of the Eucarpia Tomato Working Group. Jerusalem, Israel, 1997.

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1. BRINK D, DE WIT AH. *The improvement of growth rate in rainbow trout (Oncorhynchus mykiss) after four generations of artificial selection*. Fourth Congress of the Aquaculture Association of Southern Africa. Stellenbosch, 1997.
2. CEULEMANS S, BRINK D. *Comparative analysis of pigmentation in rainbow trout through the use of synthetic Astaxanthin and Canthaxanthin*. Fourth Congress of the Aquaculture Association of Southern Africa. Stellenbosch, 1997.
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6. GROENEWALD JZ, WARNICH L, LIEBENBERG J, GROENEWALD IM. *A molecular investigation into the founder hypothesis for variegated porphyria in South African families*. 7th Biennial Congress of the Southern African Society of Human Genetics. Kwa Maritane, 1997.
7. HINRICHSEN E, BRINK D. *The potential and implications of utilising grass carp as a biological control method for weed infestation of water systems in the Western Cape*. Fourth Congress of the Aquaculture Association of Southern Africa. Stellenbosch, 1997.
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11. RANDALL JH. *Judging judges*. Annual Conference of the South African Statistical Association. Brits, 1997.
12. SCHOLTZ CL, PEETERS AV, KOTZE MJ. *Mutation causing mild hyperhomocysteinemia: association with increased cardiovascular risk in FH patients*. 7th Biennial Congress of the Southern African Society of Human Genetics. Kwa Maritane, 1997.
13. SWART J, BRINK D. *The potential for the establishment of aquaculture small farmers in the Western Cape Province, South Africa*. Fourth Congress of the Aquaculture Association of Southern Africa. Stellenbosch, 1997.

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- VERSTRAETE L, BRINK D. *Genetic variation in astaxanthin deposition in rainbow trout (Oncorhynchus mykiss)*. Fourth Congress of the Aquaculture Association of Southern Africa. Stellenbosch, 1997.
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## Doktoraal afgehandel/Doctoral completed

- PRINS R. *Characterisation of original and modified forms of the Lr19 translocation of wheat*. Ph.D., 1997. 209 pp. Promotor: Prof GF Marais.

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- GROENEWALD JZ. *A molecular investigation into the founder hypothesis for variegated porphyria in South African families*. M.Sc. cum laude, 1997. 120 pp. Studieleier: Dr L Warnich.
- HORN M. *Transfer of genetic resistance to the Russian wheat aphid from rye to wheat*. M.Sc.Agric., 1997. 78 pp. Studieleier: Prof GF Marais.
- JOHANNSMIEIER GH. *The identification of DNA markers for the Pto bacterial resistance locus in tomato*. M.Sc., 1997. 84 pp. Studieleier: Prof AE Retief.
- LESCH AJG. *Production of doubled haploids in the wheat cultivar SST5*. M.Sc.Agric., 1997. 87 pp. Studieleier/medestudieleier: Dr JH Louw/prof R de V Pienaar.
- MULLER H. *Investigation of the tagging of tissue-specific plant transcriptional control regions with the firefly luciferase gene*. M.Sc., 1997. 100 pp. Studieleier: Prof AE Retief.
- WASO HFJ. *PCR-based markers for maize chromosome 10S*. M.Sc., 1997. 118 pp. Studieleier/medestudieleier: Dr L Warnich/prof AE Retief.
- WESSELS WG. *Mapping genes for stem rust and Russian wheat aphid resistance in bread wheat (Triticum aestivum)*. M.Sc.Agric., 1997. 118 pp. Studieleier: Prof GF Marais.

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- BRINK D. *Genetic improvement of growth rate in rainbow trout*. Ph.D. Promotor: Dr JH Louw.
- ESTERHUIZEN AM. *Genetic markers for grey leaf spot resistance in maize*. Ph.D. Promotor: Prof AE Retief.
- GROENEWALD JZ. *Identification of polymorphic molecular markers for prominent structural genes on chromosome 7DL of common wheat*. Ph.D. Promotor: Prof GF Marais.
- LABUSCHAGNÉ IF. *Investigation of genetic variation in apple seedling chilling requirement*. Ph.D. Promotor/medepromotor: Dr JH Louw/prof G Jacobs.
- SIMONIC I. *A genome wide search for the association of Gilles de la Tourette syndrome with genetic markers in the South African population*. Ph.D. Promotor/medepromotor: Prof AE Retief/dr G Gericke.
- VAN STADEN D. *Molecular genetic analysis of the Helminthosporium turcicum resistance gene (Htu1) in maize*. Ph.D. Promotor: Prof AE Retief.

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- BARKHUIZEN JW. *Identification of molecular markers for the Lr19 translocation and a recombined form*. M.Sc. Studieleier: Prof GF Marais.
- DE WIT AH. *A genetic analysis of body traits (length, width and weight) in rainbow trout (Oncorhynchus mykiss) at different stages of the growth cycle, with reference to husbandry practices and selection programmes*. M.Sc.Agric. Studieleier: Mnr D Brink.
- GLYNN-WOODS T. *Regeneration and transformation studies in stone fruit*. M.Sc. Studieleier/medestudieleier: Dr L Mansfeldt/prof AE Retief.
- LAMBERT C-A. *Comparison of different techniques for the effective identification of potato cultivars*. M.Sc. Studieleier: Dr L Warnich.
- LIEBENBERG J. *Construction and characterization of cDNA libraries of Solanum tuberosum*. M.Sc. Studieleier/medestudieleier: Dr L Warnich/dr AV Peeters.
- MARAIS P. *The genetic evaluation of Tilapia strains and the identification of an applicable selection criteria and system to optimise the use of additive genetic variance to improve growth rate of various strains*. M.Sc.Agric. Studieleier: Mnr D Brink.
- MIDDLETON FL. *A study of segregation distortion and disease resistance loci that were transferred to wheat from Triticum tauschii*. M.Sc.Agric. Studieleier: Prof GF Marais.
- MORRIS MI. *Development of a molecular marker assisted screening technique for the Vf gene (Venturia inaequalis) using AFLPs and RAPDS*. M.Sc. Studieleier/medestudieleiers: Dr L Warnich/mnr IF Labuschagné en mev MG Fouche.
- SWART JM. *Die versameling en evaluering van inheemse Medicago polymorpha populasies en die bepaling van hul agronomiese- en teelwaarde*. M.Sc.Agric. Studieleier: Prof GF Marais.
- VAN DER MERWE AS. *Die identifisering van witroesweerstandsgene of genetiese merkers vir witroesbestandheid in Vitis vinifera*. M.Sc.Agric. Studieleier: Dr JT Burger.
- VERMAAK C. *The genetic stability of a recombined form of the Lr19 translocation of wheat*. M.Sc.Agric. Studieleier: Prof GF Marais.

# GROND- EN LANDBOUWATERKUNDE / SOIL AND AGRICULTURAL WATER SCIENCE

## Tydskrifartikels/Journal articles

1. VAN HUYSTEEN CW, ELLIS, F. The relationship between subsoil colour and degree of wetness in a suite of soils in the Grabouw district, Western Cape. I. Characteristics of colour-defined horizons. *South African Journal of Plant and Soil* 1997; **14**(4): 149-153.
2. VAN HUYSTEEN CW, ELLIS F, LAMBRECHTS JJN. The relationship between subsoil colour and degree of wetness in a suite of soils in the Grabouw district, Western Cape. II. Predicting duration of water saturation and evaluation of colour definitions for colour-defined horizons. *South African Journal of Plant and Soil* 1997; **14**(4): 154-157.

## Doktoraal afgehandel/Doctoral completed

1. EIGENHUIS B. *Modelling the attenuation capacity of sandy soils in the vadose zone*. Ph.D., 1997. 225 pp. Promotor/medepromotor: Prof JH Moolman/prof AHM Görgens.

## Magister afgehandel/Master's completed

1. VAN ZYL E. *Seasonal distribution of salts in the plant organs of Vitis vinifera (L.)*. M.Sc.Agric., 1997. 72 pp. Studieleier/medestudieleier: Prof JH Moolman/mnr D Saayman.

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1. MYBURGH PA. *Die ontwikkeling van 'n waterverbruikmodel vir wingerd*. Ph.D. Promotor: Dr L van Huyssteen.
2. SAAYMAN D. *Kwantifisering en bevrediging van die voedingsbehoefte van Vitis vinifera cv. Barlinka*. Ph.D. Promotor: Mnr JJN Lambrechts.
3. VOLSCHENK T. *The effect of saline irrigation water on the vegetative growth and yield of Palsteyn apricots*. Ph.D. Promotor: Dr WAG Kotze.

## Magister lopend/Master's current

1. DE CLERCQ WP. *'n Ondersoek na nie-destruktiwe tegnieke om die tydsruimtelike verandering in die blaaroppervlakte-indeks van wingerd te kwantifiseer*. M.Sc.Agric. Studieleier: Prof VE Smith.
2. FERGUSON MCD. *Pollutive implications of chemical contamination in the soil/aquifer system under selected edaphic and climatic conditions*. M.Sc.Agric. Studieleiers: Prof JH Moolman en mnr JJN Lambrechts.
3. SMUTS MN. *Kalkbehoefte van organies- en magnesiumryke gronde*. M.Sc.Agric. Studieleier: Mnr JJN Lambrechts.
4. VAN HUYSTEEN N. *Die effek van grondeienskappe en fosfaatbron op die prestasie van die eenjarige medic cultivar, Santiago*. M.Sc.Agric. Studieleier: Mnr D Saayman.
5. VAN SCHOOR LH. *Kwantifisering van die invloed van geologie en kleimineralogie op wynkwaliteit en karakter met die oog op wetenskaplike gebiedskarakterisering*. M.Sc. Agric. Studieleier: Mnr JJN Lambrechts.

# HORTOLOGIE / HORTICULTURAL SCIENCE

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3. COOK NC. Plums: The unheaded route. *Deciduous Fruit Grower* 1997; **47**(1): 24-25.
4. HONEYBORNE GE. Chemical thinning of Royal Gala. *Proceedings of the Cape Pomological Association* 1997: 160-167.
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6. HONEYBORNE GE. Successful replanting without Methyl Bromide. *Proceedings of the Cape Pomological Association* 1997: 219-225.
7. HUYSAMER M. The challenge of bi-coloured pear production. *Proceedings of the Cape Pomological Association* 1997: 168-173.
8. HUYSAMER M, GREVE LC, LABAVITCH JM. Cell wall metabolism in ripening fruit. VIII. Cell wall composition and synthetic capacity of two regions of the outer pericarp of mature green and red ripe cv. Jackpot tomatoes. *Physiologia Plantarum* 1997; **101**: 314-322.
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12. OOSTHUYSE SA, JACOBS G. Flowering synchronization of "Sensation" mango trees by winter pruning. *Acta Horticulturae* 1997; **455**(1): 422-430.
13. THERON KI. The use of CCC on pears. *Proceedings of the Cape Pomological Association* 1997: 174-179.
14. TIBSHRAENY C, THERON KI, RABE E. Yield estimation of mandarin trees by the "Bavendorf"- and frame count methods. *Journal of the Southern African Society for Horticultural Sciences* 1997; **7**(1): 20-22.

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5. COETZEE H, HUYSAMER M, RABE E, GRIESSEL H. *Fruit size responses of plums and nectarines to Corasil E treatment*. Abstracts of the 7th Congress of the Southern African Society for Horticultural Sciences. Nelspruit, 1997: 25.
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19. RABE E, HOBSON E. *Preliminary results of citrus nursery-related trials: Enhancement of stem elongation, inhibition and enhancement of lateral sprouting*. Abstracts of the 7th Congress of the Southern African Society for Horticultural Sciences. Nelspruit, 1997: 27.
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2. RABE E. *Nursery-related research: (i) effect of degree of bench-rooting and amount of media removal on early field establishment, (ii) studies to reduce labour input and production time in the nursery*. 5th Congress of the International Society of Citrus Nurserymen. Montpellier, France, 1997.



3. RABE E. *Proposed profile of the future citrus orchard. Adaptations also in the nursery?* 5th Congress of the International Society of Citrus Nurserymen. Montpellier, France, 1997.
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## Magister afgehandel/Master's completed

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1. COOK NC. *A study of the correlative growth effects present during a vegetative growth cycle of deciduous fruit tree crops.* Ph.D. Promotor: Prof G Jacobs.
2. GERBER AI. *Factors that influence flower initiation and development in selected Protea cultivars.* Ph.D. Promotor: Prof G Jacobs.
3. MILLER JE. *Iron stress responses of Citrus rootstocks.* Ph.D. Promotor: Prof E Rabe.

## Magister lopend/Master's current

1. BEUKES MD. *The effect of chlormequat on bud differentiation and development in pears.* M.Sc.Agric. Studieleier: Prof KI Theron.
2. BEYLEVELD BF. *Effect of pre-bloom urea sprays on yield parameters and tree health of citrus.* M.Sc.Agric. Studieleier: Prof E Rabe.
3. BIRD PW. *Compatibility relationships (anatomical and physiological) of "Eureka" lemon scions and various rootstocks.* M.Sc.Agric. Studieleier: Prof E Rabe.
4. BRINK JE. *'n Studie van die groei en ontwikkeling van Rubus.* M.Sc.Agric. Studieleier: Prof G Jacobs.
5. COETZEE H. *Vruggrootte-verbetering by steenvrugte.* M.Sc.Agric. Studieleier: Prof E Rabe.
6. COETZEE JH. *Fruit size improvement in stone fruit using flower thinning.* M.Sc.Agric. Studieleier: Prof KI Theron.
7. ERWEE SA. *Rind constituents relative to rind maturity and aging in navel orange.* M.Sc.Agric. Studieleier: Prof E Rabe.
8. HETTASCH HB. *The manipulation of the plagiotropic growth habit of Leucospermum.* M.Sc.Agric. Studieleier: Prof G Jacobs.
9. LOMBARD C. *Fruit size improvement of Royal Gala apples.* Studieleier: Prof KI Theron.
10. MAVUNDLA M. *Postharvest studies in deciduous fruit.* Studieleier: Dr M Huysamer.
11. POOLE CJ. *Studies on the growth and development of Berzelia and Brunia.* M.Sc. Agric. Studieleier: Prof G Jacobs.
12. PUNT HF. *Tree and fruit quality manipulations in Citrus.* M.Sc.Agric. Studieleier: Prof E Rabe.
13. STEYN WJ. *Effect of apple nursery tree quality on tree performance in the orchard.* M.Sc.Agric. Studieleier: Prof KI Theron.
14. TUWANA SW. *Fruit size studies in citrus species.* M.Sc.Agric. Studieleier: Prof E Rabe.
15. VAN ZYL AJJ. *Wortelgroeisiklusse by sitrus onder verskillende besproeiingsstelsels.* M.Sc.Agric. Studieleier: Prof E Rabe.

## LANDBOU-EKONOMIE / AGRICULTURAL ECONOMICS

### Tydskrifartikels/Journal articles

1. OOSTVOGELS MMJ, SMIT CT, KLEYNHANS TE. *Managers' attitudes towards environmental care in two South African deciduous fruit producing areas.* *Journal of the Southern African Society for Horticultural Sciences* 1997; **7**(1): 23-25.
2. VAN ZYL J, TOWNSEND R, KIRSTEN J, VINK N. *Economic effects of market and trade liberalisation on agriculture in the Western Cape Province of South Africa.* *Agrekon* 1997; **36**(4): 461-472.
3. VINK N, VAN ZYL J. *The effects of water price policies on the farm sector in the Western Cape.* *Agrekon* 1997; **36**(4): 573-584.

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1. MYBURGH AS, TROSKIE DP. *Die rol van institusies in die landbou: Lesse uit Nieu-Seeland en Australië.* Verrigtinge van die Nasionale Konferensie van die Boerdery Bestuursvereniging van Suidelike Afrika. Potchefstroom, 1997: 179-189.
2. TROSKIE DP, MYBURGH AS. *Landbou in 'n veranderende omgewing: Waarnemings uit Nieu-Seeland en Australië.* Verrigtinge van die Nasionale Konferensie van die Boerdery Bestuursvereniging van Suidelike Afrika. Potchefstroom, 1997: 190-210.

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1. TOWNSEND R, KIRSTEN J, VINK N. *Farm size, productivity and returns to scale in agriculture revisited: A case study of wine producers in South Africa*. International Conference of Agricultural Economists. Sacramento, California, 1997.
2. VAN ZYL J, VINK N, TOWNSEND R, KIRSTEN J. *Economic effects of market liberalisation in Southern Africa: The case of the Western Cape Province in South Africa*. ESRC Development Economics Study Group Conference. Whiteknights Hall, University of Reading, 1997.

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1. MYBURGH AS. *Afskaling van owerheidsbetrokkenheid in die landbou in Nieu-Seeland en Australië – 'n Makro perspektief*. Werkswinkel van die Boerdery Bestuursvereniging van Suidelike Afrika: Wes-Kaaptak. Elsenburg, 1997.
2. MYBURGH AS. *Landbou in 'n gedereguleerde bemarkingsomgewing: 'n Suid-Afrikaanse situasiestelling*. Werkswinkel van die Boerdery Bestuursvereniging van Suidelike Afrika: Wes-Kaaptak. Elsenburg, 1997.
3. MYBURGH AS. *Tendense, institusionele verandering, wetswysigings en navorsing in landbou-bemarking en die rol van landbou-ekonomie*. Jaarlikse Byeenkoms van die Landbou-ekonomie Vereniging van Suid-Afrika: Wes-Kaap. Stellenbosch, 1997.
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5. VINK N, VAN ZYL J. *The effects of water policies on the farm sector in the Western Cape*. Jaarkonferensie van die Landbou-ekonomie Vereniging van Suid-Afrika. Oos-Londen, 1997.

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2. KARAAN ASM. *A human development profile of farmworkers in the Western Cape*. Rural Foundation, 1997. 120 pp.
3. KARAAN ASM, TREGURTHA N. *An assessment of the feasibility of establishing a Karoo lamb processing and marketing initiative in the Cape Ladismith district*. Dept Landbou-ekonomie, U.S., 1997. 78 pp.
4. KARAAN ASM, TREGURTHA N. *Food gardens: A development strategy. An evaluation of Abalimi Bezekhaya*. Abalimi Bezekhaya, 1996. 53 pp.
5. MYBURGH AS, TROSKIE DP, BOSMAN FW, BALIE G. *Afskaling van owerheidsbetrokkenheid in die landbou van Nieu-Seeland en Australië*. Dept van Landbou: Wes-Kaap, 1996. 92 pp.
6. RWELAMIRA JK, KLEYNHANS TE. *SADC Agricultural potential assessment: Country profiles*. Development Bank of Southern Africa: Development Paper 124. 1996. 261 pp.

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1. ROUX AW. *The effects of trade liberalisation on the Namibian beef industry*. Ph.D Promotor: Prof N Vink.
2. VILJOEN HC. *Landelike ontwikkelingskommunikasie met spesifieke verwysing na die klein- en bestaansboere as teikengroep*. Ph.D. Promotor: Prof J Laubscher.

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2. DU TOIT CvdM. *Die internasionale mededingendheid van die Suid-Afrikaanse appel- en peerbedryf*. M.Sc.Agric. Studieleier: Prof J Laubscher.
3. GROBBELAAR M. *'n Ondersoek na die watergebruikspatrone vir die landbou in die Wes-Kaap met projeksies vir toekomstige gebruikspatrone*. M.Agric.Admin. Studieleier: Dr JP Lombard.
4. HORSTHELMKE O. *Namibia meat exports: A regional perspective*. M.Comm. Studieleier: Prof N Vink.
5. KIRSTEN JF. *Bemarkingsinligting en besluitneming deur die sagtevrugteprodusent in 'n gedereguleerde bemarkingsomgewing*. M.Agric.Admin. Studieleier: Dr AS Myburgh.
6. MORGAN J. *A measurement of the returns to agricultural research, on a programme level, in the wine industry*. M.Sc.Agric. Studieleier: Prof N Vink.
7. PRETORIUS CE. *Optimization of agricultural resource use in a regional spatial context*. M.Sc.Agric. Studieleier: Dr TE Kleynhans.
8. VAN DER SPUY AL. *Die ontwikkeling van 'n volhoubare suiwelstelsel binne die boerderystelsels van die Swartland*. Studieleier: Prof J Laubscher.
9. VAN ZYL PL. *'n Ekonomiese evaluering van verskillende produksiestelsels by volstruisboerdery in die Oudtshoorn-omgewing*. M.Sc.Agric. Studieleier: Dr JP Lombard.
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1. CROUS PW, ALFENAS AC, BARRETO RW. Cercosporoid fungi from Brazil. 1. *Mycotaxon* 1997; **64**(1): 405-430.

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9. DE COCK C, HENNEBERT GL, CROUS PW. *Nectria serpens* sp. nov. and its hyphomycetous anamorph *Xenocylindrocladium* gen. nov. *Mycological Research* 1997; **101**(7): 786-790.
10. SUTTON BC, CROUS PW. *Lecanostictopsis* gen. nov. and similar fungi from *Syzygium* species. *Mycological Research* 1997; **101**(2): 215-225.
11. VICTOR D, CROUS PW, JANSE BJH, WINGFIELD MJ. Genetic variation in *Cylindrocladium floridanum* and other morphologically similar *Cylindrocladium* species. *Systematic and Applied Microbiology* 1997; **20**(2): 268-285.
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1. CAMPBELL GF. *Confirmation of recombination between net- and spot-type isolates of Pyrenophora teres using AFLPs*. Long Ashton Research Station, UK, 1997.
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15. VOLKMANN A, HOLZ G, FERREIRA JHS. *Suppression of Botrytis cinerea in senescing and dead grapevine tissue by antagonistic microorganisms*. International Table & Raisin Grape Symposium. Cape Town, 1997.
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1. BOTES WM, SWART WJ, CROUS PW. *Distribution of fungal endophytes in needles of Pinus radiata*. SA Society for Plant Pathology. Badplaas, 1997.
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4. CROUS PW. *Mycosphaerella spp. and their anamorphs occurring on Eucalyptus leaves*. SA Society for Plant Pathology. Badplaas, 1997.
5. CROUS PW, MCHAU GRA, WINGFIELD MJ, VAN ZYL WH. *Two new species of Calonectria isolated from soil in South America*. SA Society for Plant Pathology. Badplaas, 1997.
6. DENMAN S. *Morphological characterisation of Phytophthora cinnamomi isolates from disease Proteaceae in the Western Cape Province of South Africa*. SA Society for Plant Pathology. Badplaas, 1997.

7. DENMAN S. *Phythium: A versatile pathogen causing damping-off*. Seedling Growers Association of South Africa Symposium. Elsenburg College, Stellenbosch, 1997.
8. FOURIE PH, HOLZ G. *Frequency of dicarboximide- and benzimidazole resistant strains of Botrytis cinerea in Western Cape table grape vineyards and influence of spray schedules on dicarboximide resistant populations*. SA Society for Plant Pathology. Badplaas, 1997.
9. FOURIE PH, HOLZ G. *Infection of nectarine flowers and colonization of green fruit by Monilinia laxa and Botrytis cinerea*. SA Society for Plant Pathology. Badplaas, 1997.
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11. HALLEEN F, HOLZ G. *Occurrence and viability of Uncinula necator cleistothecia on grapevine in South Africa*. SA Society for Plant Pathology. Badplaas, 1997.
12. LENNOX CL, SPOTTS RA, HOLZ G. *Establishment of a collaborative USA/SA research programme aimed at investigating postharvest decay in pears caused by Botrytis cinerea*. SA Society for Plant Pathology. Badplaas, 1997.
13. MCHAU GRA. *Molecular techniques in diagnosis of soil phytopathogens*. Soil-borne Disease Workshop, Plant Protection Research Institute. Stellenbosch, 1997.
14. MCHAU GRA, CROUS PW, PHILLIPS AJL. *Molecular characterisation of Elsinoë isolates from leguminous hosts*. SA Society for Plant Pathology. Badplaas, 1997.
15. McLEOD A, DENNER FDN, DENMAN S. *Mating type composition and phenylamide sensitivity of P. infestans populations on potatoes and tomatoes in South Africa*. SA Society for Plant Pathology. Badplaas, 1997.
16. McLEOD A, DENNER FDN, DENMAN S. *A study of P. infestans populations in South Africa*. Triennial Congress of the African Potato Association. Pretoria, 1997.
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18. SERDANI M, CROUS PW, HOLZ G. *Endophytic fungi associated with core rot of apple, with specific reference to Alternaria spp.* SA Society for Plant Pathology. Badplaas, 1997.
19. SOUTHWOOD MJ, HOLZ G. *Integrated control of cucurbit powdery mildew*. Association for Vegetables under Protection. Stellenbosch, 1997.
20. VAN DER BANK J, CROUS PW, ROBBERTSE B. *Fungicide sensitivity of Stagonospora nodorum and Septoria tritici isolates from the Western Cape Province of South Africa*. SA Society for Plant Pathology. Badplaas, 1997.
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## Magister afgehandel/Master's completed

1. VERMEULEN AK. *Phoma glomerata endophytic on blackthorn (Acacia mellifera spp. detinens) in Namibia*. M.Sc.Agric., 1997. 82 pp. Studieleier: Prof G Holz.
2. WILLIAMSON L. *Biocontrol of Botrytis cinerea of table grapes*. M.Sc.Agric., 1997. 88 pp. Studieleier: Prof G Holz.

## Doktoraal lopend/Doctoral current

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

## Magister lopend/Master's current

1. COERTZE S. *The behaviour of Botrytis cinerea on grape berries under different epidemiological conditions*. M.Sc. Studieleier: Prof G Holz.
2. HALLEEN F. *Resistance in Oidium tuckeri to triazole fungicides*. M.Sc. Studieleier/ medestudieleier: Prof G Holz/mnr JHS Ferreira.
3. KHOZA PK. *Genetic diversity of Xanthomonas campestris pathovar pruni causing bacterial spot of stone fruit*. M.Sc. Studieleier/medestudieleier: Dr EL Mansvelt/prof G Holz.
4. McLEOD A. *Population studies of Phytophthora infestans on potatoes in South Africa*. M.Sc. Studieleier: Me S Denman.
5. MOSTERT L. *The characterization and control of Phomopsis cane and leaf spot on vine*. M.Sc. Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
6. NTUSHELO K. *Comparative studies on genetic variability and fungicide resistance in Tapesia yallundae*. M.Sc. Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
7. SERDANI M. *Preharvest colonization of apple fruit by fungi, with special reference to Alternaria species*. M.Sc. Studieleier/medestudieleier: Prof PW Crous/prof G Holz.
8. SOUTHWOOD MJ. *Integrated disease control of powdery mildew on cucurbits*. M.Sc. Studieleier/medestudieleier: Prof G Holz/prof PW Crous.
9. VAN DER BANK J. *Characterization of the Phaeosphaeria nodorum and Mycosphaerella graminicola populations of wheat in South Africa*. M.Sc. Studieleier/medestudieleier: Prof PW Crous/prof ZA Pretorius.
10. VAN DER MERWE E. *The ecology and epidemiology of Xylophilus ampelinus on grapevine*. M.Sc. Studieleier/medestudieleier: Dr EL Mansvelt/prof G Holz.

11. VOLKMANN A. *Suppression of Botrytis cinerea in senescing and dead grapevine tissue by antagonistic microorganisms*. M.Sc. Studieleier: Prof G Holz.

## VEEKUNDIGE WETENSAPPE / ANIMAL SCIENCES

### Tydskrifartikels/Journal articles

1. CILLIERS SC, HAYES JP, CHWALIBOG A, DU PREEZ JJ, SALES J. A comparative study between mature ostriches (*Struthio camelus*) and adult cockerels with regard to the true and apparent digestibilities of amino acids. *British Poultry Science* 1997; **38**: 311-313.
2. CILLIERS SC, HAYES JP, CHWALIBOG A, DU PREEZ JJ, SALES J. A comparative study between mature ostriches (*Struthio camelus*) and adult cockerels with respect to true and apparent metabolisable energy values for maize, barley, oats and triticale. *British Poultry Science* 1997; **38**: 96-100.
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1. FISHER P. *Processing properties of pork derived from different halothane genotypes*. Ph.D. Promotor: Dr LC Hoffman.
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### Magister lopend/Master's current

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2. BOTES A. *Manipulation of broiler carcass composition by feeding regime*. M.Sc. Studieleier: Prof JP Hayes.
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4. BRANDT D. *Die gebruik van NIR spektroskopie in die voorspelling van voedingswaarde van die grondstowwe vir veevoere*. M.Sc. Studieleier: Dr CW Cruywagen.
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6. DU PLESSIS JJP. *Effect of energy intake on egg production of broiler breeders*. M.Sc. Studieleier: Prof JP Hayes.
7. LATSKY R. *Faktore wat die absorpsie van immunoglobulie by kalwers beïnvloed*. M.Sc. Studieleier: Dr CW Cruywagen.
8. MOELICH EI. *Meat quality characteristics of selected pork cuts: Effect of three halothane genotypes and different cooking methods*. M.Sc. Medestudieleier: Dr LC Hoffman.
9. UPTON E. *Die doeltreffende benutting van nie-proteïen stikstof deur herkouers*. M.Sc. Studieleier: Dr CW Cruywagen.
10. VAN DER RIJST DJ. *Voorkoming van hipokalsemie asook geboorte- en verwante probleme by weidende ooie wat graanaanvulling ontvang*. M.Sc. Studieleier: Dr CW Cruywagen.
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## VOEDSELWETENSAPPE / FOOD SCIENCE

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4. MATTHEE PC, BOTHA PL, BRITZ TJ, CHALKEY LJ. Epidemiological surveillance of *Neisseria meningitidis*: Comparisons of molecular typing methods, randomly amplified DNA and gene restriction fragment length polymorphism. *Southern African Journal of Epidemiology and Infection* 1997; **12**: 7-15.
5. STRYDOM JP, BRITZ TJ, MOSTERT JF. Two-phase anaerobic digestion of three different dairy effluents using a hybrid bioreactor. *Water SA* 1997; **23**(2): 73-89.
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1. BRITZ TJ, ROOS P. *Enhancement of granule growth during the inducement of unbalanced environmental conditions in batch systems operating on canning industry effluents*. 14th National Congress for Food Science and Technology. Pretoria, 1997.
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5. SIGGE G, HANSMANN CF, JOUBERT E. *Effect of packaging material and storage conditions on the colour retention of dehydrated green peppers (Capsicum annuum)*. 14th National Congress for Food Science and Technology. Pretoria, 1997.
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1. FOURIE PC. *The controlled application of sulphur dioxide to apricots, peaches and pears prior to drying*. Ph.D. (Voedselwet.), 1997. 126 pp. Promotor/medepromotor: Dr E Joubert/prof TJ Britz.
2. HANSMANN CF. *Dehydration of peaches and pears without sulphur dioxide*. Ph.D. (Voedselwet.), 1997. 134 pp. Promotor/medepromotor: Dr E Joubert/prof TJ Britz.

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1. BASSON DS. *Vergelyking van die eetgehalte van duroc-, grootwit- en landrasvarkvleis*. Ph.D. (Voedselwet.). Promotor: Dr FD Mellet.
2. DOLLY L. *Evaluation of bacteriocin activity in the genus Propionibacterium*. Ph.D. Promotor/medepromotor: Prof TJ Britz/dr LTJ Dicks.
3. OPPERMAN WO. *Packaging technology for export grapes*. Ph.D. (Voedselwet.). Promotor/medepromotor: Dr RD Sanderson/prof TJ Britz.
4. SIGGE GO. *Treatment and recovery of lye solutions from the canning industry*. Ph.D. (Voedselwet.). Promotor/medepromotor: Prof TJ Britz/dr PC Fourie.
5. VAN WYK GG. *Probiotic effects by Propionibacterium cultures used as starters in fermented foods*. Ph.D. Promoter: Prof TJ Britz.

## Magister lopend/Master's current

1. ARENDESE G. *Population ecology of diacetyl producing starter cultures*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
2. CALEFATO J. *Fermentation optimization of selected dairy products*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Prof TJ Britz/dr JF Mostert.
3. HUMAN ME. *Manufacturing and aroma optimization of traditional maas*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
4. KRITZINGER M. *Drying of pineapple, mango and banana slices*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Prof TJ Britz/dr H Botha.
5. LLOYD R. *Biological treatment of gelatine factory effluents*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Dr M van der Merwe/prof TJ Britz.
6. MAPSTONE SJ. *Proteolytic enzymes involved in the muscle gaping of rainbow trout (Oncorhynchus mykiss)*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Mnr DS Basson/prof TJ Britz.
7. NEL MM. *Use of low protein wheat flour for production of Dodogoyi*. M.Sc. in Voedselwet. Studieleier/medestudieleiers: Prof GE Agenbach/dr M Manley en prof TJ Britz.
8. RONQUEST L-C. *Enhancement of microbial granulation during fermentation*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
9. ROOS P. *Detection of naturally occurring aggregate producing microbial strains from granules formed under stressed conditions*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
10. RÜGHEIMER S. *Potential oil crops in Namibia*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Mnr DS Basson/dr C Wibbelmann.
11. STANDLEY L. *Evaluation of antimutagenic activity in foods using the ames, chromic and toxic-chrome tests*. M.Sc. in Voedselwet. Studieleier/medestudieleiers: Prof TJ Britz/dr E Joubert en M Manley.
12. TRNOVEC W. *Characterization of classical Propionibacterial strains from the microbial community of anaerobic granules*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
13. UYS RCB. *The benefits of the Hazard Analysis Critical Control Point (HACCP) system in the fishing industry*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Mnr DS Basson/prof TJ Britz.
14. VAN SCHALKWYK C. *Characterization of the S-layers produced by Propionibacterium thoenii strain 425*. M.Sc. in Voedselwet. Studieleier: Prof TJ Britz.
15. VISAGIE H. *Study of the optimum processing of rainbow trout during the process of value adding*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Mnr DS Basson/mnr D Brink.
16. WINTERTON P. *Development of methods to evaluate antimutagenic activity in fermented foods*. M.Sc. in Voedselwet. Studieleier/medestudieleier: Dr E Joubert/prof TJ Britz.

## WINGERD- EN WYNKUNDE / VITICULTURE AND OENOLOGY

### Referate internasionaal/Papers international

1. VAN DER MERWE GG, VAN ZYL JHM, GOUSSARD PG. *Optimum maturity standards for South African table grapes*. Internasionale Tafel- en Droogdruifsimposium. Kaapstad, 1997.

### Referate nasionaal/Papers national

1. BUCHOLZ MT, ELLIS LP. *Meganismes betrokke by Chardonnay oksidasie en swaweldioksied stabiliteit*. Kongres van die Suid-Afrikaanse Wingerd- en Wynkondevereniging. Kaapstad, 1997.
2. ELLIS LP. *Slepende gisting by rooiwynbereiding: Oorsake en moontlike oplossings vir die probleem*. Kongres van die Suid-Afrikaanse Wingerd- en Wynkondevereniging. Kaapstad, 1997.
3. VAN WYK CJ. *Mylpale van wynkunige navorsing*. Kongres van die Suid-Afrikaanse Wingerd- en Wynkondevereniging. Kaapstad, 1997.

## Doktoraal lopend/Doctoral current

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

## Magister Iopend/Master's current

1. CAREY VA. *Die effek van waterstres op wingerdfisiologie*. M.Sc. Studieleier: Prof E Archer.
2. RABIE IM. *Characteristic aroma constituents in grapes and wine of Vitis vinifera L. cv Chardonnay*. M.Sc. Studieleier: Prof CJ van Wyk.
3. VAN DER MERWE GG. *Effect of maturity and environment on taste characteristics of selected table grape cultivars*. M.Sc. Studieleier: Prof PG Goussard.

## INSTITUUT VIR WYNBIOTEGNOLOGIE / INSTITUTE FOR WINE BIOTECHNOLOGY

## Tydskrifartikels/Journal articles

1. LA GRANGE DC, PRETORIUS IS, VAN ZYL WH. Cloning of the *Bacillus pumilus*  $\beta$ -xylosidase gene (*xynB*) and its expression in *Saccharomyces cerevisiae*. *Applied Microbiology and Biotechnology* 1997; **47**: 262-266.
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3. VAN RENSBERG P, VAN ZYL WH, PRETORIUS IS. Over-expression of the *Saccharomyces cerevisiae* exo- $\beta$ -1,3-glucanase gene together with the *Bacillus subtilis* endo- $\beta$ -1,3-1,4-glucanase gene in the *Butyrivibrio fibrisolvens* endo- $\beta$ -1,4-glucanase gene in yeast. *Journal of Biotechnology* 1997; **55**: 43-53.
4. VIVIER MA, LAMBRECHTS MG, PRETORIUS IS. Co-regulation of starch-degradation and dimorphism in the yeast *Saccharomyces cerevisiae*. *Critical Reviews in Biochemistry and Molecular Biology* 1997; **32**(5): 405-435.
5. WEBBER AL, LAMBRECHTS MG, PRETORIUS IS. *MSS11*, a novel yeast gene involved in the regulation of starch metabolism. *Current Genetics* 1997; **32**(4): 260-266.

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1. GAGIANO M, SOLLITTI P, LAMBRECHTS MG, PRETORIUS IS. *Identification of cis-acting elements in the promoters of the STA2 and MUC1 genes in Saccharomyces cerevisiae*. Eighteenth International Congress on Yeast Genetics and Molecular Biology. Stellenbosch, 1997.
2. LAMBRECHTS MG, PRETORIUS IS. *Invasive growth of yeasts*. Eighteenth International Specialized Symposium on Yeasts. Bled, Slovenia, 1997.
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### **Magister lopend/Master's current**

1. TRACEY BL. *Separate and independent representation of children*. LL.M. Studieleier: Prof MG Erasmus.

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2. WIESE T. *Worker participation and South African law: A comparative evaluation*. LL.D. Promotor/medepromotor: Prof HA Jordaan/prof DW Butler.

### Magister lopend/Master's current

1. KRAMMIG A. *The supervision of banks: A comparison between the Federal Republic of Germany and the Republic of South Africa*. LL.M. Studieleier: Prof CF Hugo.
2. ÖZTÜRK I. *The basic features in the German and South African Legislation regarding strikes*. LL.M. Studieleier: Mnr O Dupper.
3. SCHMIDT R. *Piercing the corporate veil: A comparative analysis between German and South African law*. LL.M. Studieleier: Mnr P Kloppers.
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## Doktoraal lopend/Doctoral current

1. BUCKINGHAM J. *Interpreting Freedom of Religion in the New South Africa. Lessons from Canada*. LL.D. Promotor: Prof LM du Plessis.
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1. TRACEY BL. *Separate and independent representation of children*. LL.M. Studieleier: Prof MG Erasmus.

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1. VAN DER MERWE MAV. *Priesters en Godsbeeld: 'n Retoriese lees van Maleagi 1:6-2:9*. D.Th., 1997. 296 pp. Promotor: Prof HL Bosman.

### Magister afgehandel/Master's completed

1. DE WET D. *Modelle van gehoorsaamheid in Deuteronomium en die wysheidsliteratuur*. M.Th., 1997. 92 pp. Studieleier: Prof HL Bosman.
2. RATHBONE M. *Postmoderniteit en outoriteit: leser-responsteorie en retoriese hermeneutiek vir 'n multi-dimensionele verstaan van die Ou Testament*. M.Th. cum laude, 1997. 127 pp. Studieleiers: Proff HL Bosman en JPJ Olivier.

### Doktoraal lopend/Doctoral current

1. BOHNEN J. 'n Literêr-teologiese studie van die metafoer in die evangelie volgens Johannes. D.Th. Promotor: Prof HJB Combrink.
2. KAWALE WR. *God and nature in Genesis 1:1 — 2:4a and Chewa cosmogony*. D.Th. Promotor: Prof HL Bosman.
3. KIM JS-H. *The interaction of koinonia and zoe in 1 John — a linguistic-rhetorical reading*. D. Th. Promotors: Proff HJB Combrink en prof JP Louw.
4. KRUGER LH. *The reference to women of the Old Testament in the demonstrations of Aphrahat the Persian sage*. D.Th. Promotor: Prof HL Bosman.
5. LEE H. *A cosmological perspective on "ruach" in Ezechiel 37*. D.Th. Promotor: Prof HL Bosman.
6. LEE S-N. *The interpretation of the "imago Dei" in Korean Bible translations*. D.Th. Promotor: Prof HL Bosman.
7. MANDA WJC. *"Battling with words only." A narratological interpretation of Old Testament and African proverbs*. D.Th. Promotor: Prof HL Bosman.
8. NA K-S. *The mission perspective of the Sermon on the mount (Mt 5-7)*. D.Th. Promotor/medepromotor: Prof CM Pauw/prof HJB Combrink.
9. NEL MJ. *Vergifnis en versoening by Paulus en Matteus*. D.Th. Promotor: Prof HJB Combrink.
10. OOSTHUIZEN RdeW. *Argeologie en die interpretasie van die slawe-wetgewing in die Ou Testament*. D.Th. Promotor: Prof JPJ Olivier.
11. PUNT J. *Paul on freedom: Implications for theological reflection*. D.Th. Promotor: Prof BC Lategan.
12. RINQUEST L. *Amos and his audience: A socio-rhetorical analysis*. D.Th. Promotor: Prof HL Bosman.
13. RO J. *The function of prophecy in the Corinthian community*. D.Th. Promotor: Prof HJB Combrink.
14. SUH SI. *The significance of the recent outpouring of the Holy Spirit in Acts: A literary and socio-historical study*. D.Th. Promotor/medepromotor: Prof HJB Combrink/dr BA du Toit.
15. TURNER EA. *Reconciliation amidst a socio-economical crisis: a rhetorical critical reading of Nehemiah 5 against the background of the socio-economic situation in Judah during the reign of the Achaemenids*. D.Th. Promotor: Prof JPJ Olivier.
16. ZULU E. *A theological critique of the role of ancestors within Israelite world view and religion*. D.Th. Promotor: Prof HL Bosman.

## Magister Iopend/Master's current

1. BEKKER V. *Die Jubeljaar in Levitikus 25*. M.Th. Studieleier: Prof HL Bosman.
2. DU TOIT PlaG. *Die semantiese valensie en retoriese en teologiese belang van die "beklee"-tekste in briewe van Paulus as belangrike komponent in sy parenese*. M.Th. Studieleier: Prof HJB Combrink.
3. ESTERHUIZEN F. *Die "vrees van die Here" in die boek Spreuke*. M.Th. Studieleier: Prof HL Bosman.
4. JARDINE G. *The interpretation of the book of Jonah and the sign of Jonah*. M.Th. Studieleier: Prof HL Bosman.
5. KOTZE Z. *Argeologie en die interpretasie van die Merneptah-stele*. M.Th. Studieleier: Prof JPJ Olivier.
6. KUNDISHORA S. *Institutional and charismatic female leaders in the Old Testament*. M.Th. Studieleier: Prof HL Bosman.
7. LOUW S. *Lofprysing in die psalms van Korag*. M.Th. Studieleier: Prof HL Bosman.
8. NGUGI P. *Messianic expectations in the Old Testament — an Old Testament perspective*. M.Th. Studieleier: Prof JPJ Olivier.
9. SKINNER I. *Die dialoog tussen Ou-Testamentiese navorsing en die kerklike gehoor*. M.Th. Studieleier: Prof HL Bosman.
10. SMIT M. *Die betekenis van die Annales-skool vir die beoefening van Siro-Palestynse argeologie*. M.Th. Studieleier: Prof JPJ Olivier.

## PRAKTIESE TEOLOGIE EN MISSIOLOGIE / PRACTICAL THEOLOGY AND MISSIOLOGY

### Tydskrifartikels/Journal articles

1. CARROLL JW. New wineskins: Tradition, freedom and the challenge of post traditional society. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(3): 284-292.
2. DU PREEZ J. Interpreting Psalm 47. *Missionalia* 1997; **25**(3): 308-323.
3. DU RAAN CJ, LOUW DJ. Skepsel as mede(her)skepper? Pastoraat binne die konteks van hedendaagse geenteologie. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(1&2): 115-125.
4. GREYLING C. Die verlore stamme van Israel - 'n studie in vergelykende mitologie. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(3): 244-255.
5. HENDRIKS HJ. Kerklike "megatrends": Bedieningsimplikasies. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(1&2): 27-38.
6. JANSE VAN RENSBURG E, PRINS JMG. Drama as medium vir jeugprediking - 'n teoretiese begronding. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(3): 293-301.
7. LOUW DJ. Diakonaat in skeppingsperspektief: Die ekologiese aspek van pastorale sorg. *Praktiese Teologie in Suid-Afrika* 1997; **12**(1): 52-63.
8. LOUW DJ. 'n Diagnostiese model vir die assessering van spiritualiteit met die oog op geloofsontwikkeling in die pastorale bediening. *Praktiese Teologie in Suid-Afrika* 1997; **12**(2): 11-25.
9. LOUW DJ. Normativity and social change as a challenge to Practical Theology: Towards a reconstruction model for Southern Africa. *Journal of Theology for Southern Africa* 1997; **97**: 16-29.
10. LOUW DJ. Pastoral care in an African context: A systemic model and contextual approach. *Missionalia* 1997; **25**(3): 392-407.
11. LOUW DJ. Die rol van Godsbeelde/voorstelling in die ontwikkeling van lidmate se geloof - 'n Pastoraal-diagnostiese model. *Praktiese Teologie in Suid-Afrika* 1997; **12**(1): 64-79.
12. LOUW DJ. Vergeven maar ook vergeten? Over de helende kracht van vergiffenis. *Het Teken* 1997; **70**(3): 71-74.
13. MÜLLER BA. Prediking in die oorgangstyd - 'n kritiese analise (1). *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(1&2): 126-135.

- PAUW CM. Called to one hope: The Gospel in diverse cultures (Report on the CWME Consultation). *Mission Bulletin* 1997; **17**(1): 3-25.
- PRINS JMG. The need for relevant teaching of the catechism in catechesis. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997; **38**(1&2): 16-26.
- PRINS JMG. Post moderniteit en jeugbediening - Enkele aspekte van 'n paradigmaterskuiwing en die implikasies daarvan vir die kerklike jeugbediening. *Praktiese Teologie in Suid-Afrika* 1997; **12**(2): 38-47.

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- LOUW DJ. *Diagnostic criteria for an assessment of God-images in pastoral counselling*. 25th LAUD-Symposium. Gerhard Mercator Universiteit van Duisburg, Schloss Krickenbeck, Nettetal, Duitsland, 1997.
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- PRINS JMG. *Postmodernity and youth ministry*. The Second Conference on Youth Ministry. Oxford, Groot Brittanje, 1997.

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- LOUW DJ. *Pastoraat as vertolking en ontmoeting: Teologiese ontwerp vir 'n basisteorie, antropologie, metode en terapie*. Lux Verbi, 1997. 571 pp.

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- PAUW CM. Strategiese perspektief op die sending. In: Becker RC, (red.). *Studiegids 2:2*. Hugenote Bybelinstituut, 1997: 104-171.

## Doktoraal afgehandel/Doctoral completed

- DU TOIT BWG. *Die verband tussen Godsvoorstelling en geloofsbeleving binne 'n pastorale hermeneutiek*. D.Th., 1997. 421 pp. Promotor: Prof DJ Louw.

## Magister afgehandel/Master's completed

- DU TOIT PA. *Die kleuters van die Nederduitse Gereformeerde Kerk Stellenbosch Sentraal se persepsies van lidmaatwees*. M.Th., 1997. 234 pp. Studieleier: Dr JMG Prins.
- GREYLING C. *Die verband tussen psigoterapie en spiritualiteit*. M.Th., 1997. 60 pp. Studieleier: Prof DJ Louw.
- MUSEMBI BM. *The impact of Western missionary enterprise on the development of an African church - A case study involving the Akamba people of Kenya*. M.Th., 1997. 185 pp. Studieleier: Prof CM Pauw.
- PARKER A. *Towards heterogeneous faith communities: Transitional processes in Harare*. M.Th. cum laude, 1997. 49 pp. Studieleier: Dr. HJ Hendriks.
- VAN DER MERWE DCL. *Die funksie van rasioneel emotiewe terapie (RET) vir die hantering van huwelikskonflik in huweliksberaad*. M.Th., 1997. 74 pp. Studieleier: Prof DJ Louw.
- VAN GREUNEN AJ. *Pastorale diagnose en hipotese-formulering in die pastorale gesprek: 'n Kritiese bespreking*. M.Th., 1997. 40 pp. Studieleier: Prof DJ Louw.
- VAN ROOYEN JT. *Die ontwikkeling van 'n gemeentespiritualiteit as korporatiewe aangeleentheid in die pastorale bediening*. M.Th., 1997. 71 pp. Studieleier: Prof DJ Louw.

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- BRAND M. *Die invloed van 'n Bybelse perspektief van liefde op 'n etiese model in die ontwikkeling van lewensvaardighede by die hoërskoolkind*. D.Th. Promotor: Prof DJ Louw.
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9. JANSE R. *Diversiteit in die musiekbediening as sleutel tot lidmaatbetrokkenheid*. D.Th. Promotor: Dr HJ Hendriks.
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12. KAMWANA JJK. *The spirituality of JS Mwale, minister of the Church of Central Africa Presbyterian Nkhoma Synod*. D.Th. Promotor/medepromotor: Prof E Brown/prof CM Pauw.
13. KIM CH. *Prophetic preaching in Korean context*. D.Th. Promotor: Prof BA Müller.
14. KIM NS. *The witness and growth of the Korean Presbyterian Church under Japanese colonial rule*. D.Th. Promotor: Prof CM Pauw.
15. KIM SS. *Preaching in a marginal situation of change*. D.Th. Promotor: Prof BA Müller.
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19. MOROFF Y. *The position of women in African culture and its effect on their Christian identity and spirituality*. D.Th. Promotor: Prof DJ Louw.
20. MUSEMBI B. *Christian mission in a changing society - an evaluative study of the church in Kenya*. D.Th. Promotor: Prof CM Pauw.
21. MUTUMBURANZOU AR. *The growth of the Reformed Church in Zimbabwe from 1974-1994*. D.Th. Promotor/medepromotor: Prof P Coertzen/prof CM Pauw.
22. MUUNGANI KV. *The doctrine of the justification of faith from an African perspective*. D.Th. Promotor/medepromotor: Prof PF Theron/prof CM Pauw.
23. NA K-S. *The mission perspective of the Sermon on the Mount (Mt 5-7)*. D.Th. Promotor/medepromotor: Prof CM Pauw/prof HJB Combrink.
24. NOPECE ND. *The interface between Pauline Theology and Xhosa Traditional Religion amongst the Amaqwathi with reference to baptism and confirmation*. D.Th. Promotor: Prof CM Pauw.
25. POTGIETER WD. *Geloofsleiding aan die homoseksuele man in koinoniale verband*. D.Th. Promotor: Prof DJ Louw.
26. RABE NG. *Geen tegnologie in skeppingsperspektief: 'n Pastoraal-etiese beoordeling*. D.Th. Promotor: Prof DJ Louw.
27. SHIM YK. *Pastoral care and counselling to children within the cultural context of the Korean church*. D.Th. Promotor: Prof DJ Louw.
28. SIMPSON NW. *'n Teorie oor die proses van Christelike godsdienstige geloofsvorming binne die geloofsgemeenskap*. D.Th. Promotor: Dr HJ Hendriks.
29. SPENCER ST. *The history of education in Malawi with a focus on the role of specific mission agencies*. D.Ed. Promotor/medepromotor: Prof JC Steyn/prof CM Pauw.
30. TAYLOR J-A. *Incarnational spirituality as counselling method related to individuals with eating disorders*. D.Th. Promotor: Prof DJ Louw.
31. THESNAAR CH. *Pastorale terapie binne die transformasieprosesse van die Suider-Afrikaanse lewensbestel*. D.Th. Promotor: Prof DJ Louw.
32. VAN DER MERWE PWA. *Gemeentelike konflikhantering, 'n prakties-teologiese ondersoek*. D.Th. Promotor: Dr HJ Hendriks.
33. VAN DEVENTER GJ. *Die funksie van die "huisgesin van God"-metafoor vir 'n prakties-teologiese ekklesiologie*. D.Th. Promotor: Dr HJ Hendriks.
34. VAN HEERDEN HJG. *The healing power of positive thinking in pastoral care*. D.Th. Promotor: Prof DJ Louw.
35. VAN WYK SW. *Narratiewe poëtik in die prediking van Brueggemann*. D.Th. Promotor: Prof BA Müller.
36. XAPILE SP. *The quest for unity between the Bantu Presbyterian Church and the Presbyterian Church of South Africa since 1959*. D.Th. Promotor/medepromotor: Prof E Brown/prof CM Pauw.

## Magister lepend/Master's current

1. BRUINTJIES AJ. *Konflikhantering in huwelikspastoraat binne 'n multikulturele samelewingsverband*. M.Th. Studieleier: Prof DJ Louw.
2. DIAOSONAMA B. *Pastoral counselling in an African context*. M.Th. Studieleier: Prof DJ Louw.
3. DU PREEZ JP. *Die groeibeginsel in huweliksverrykingsmodelle*. M.Th. Studieleier: Prof DJ Louw.
4. KLOPPERS JS. *'n Evaluering van die antropologie grondliggend aan "The divine plumbline"-kursus met die oog op "innerlike genesing" by lidmate*. M.Th. Studieleier: Prof DJ Louw.
5. KOO P. *Practical Theology within the context of Taiwanese culture*. M.Th. Studieleier: Prof DJ Louw.
6. KOTZE H. *'n Spiritualliteit van medemenslikheid as basis vir die ontwikkeling van femininiteit binne 'n Suider-Afrikaanse konteks*. M.Th. Studieleier: Prof DJ Louw.
7. LEE SH. *Preaching in the Korean situation of change*. M.Th. Studieleier: Prof BA Müller.
8. LEE SJ. *Christocentric preaching in the mode of selfconfession*. M.Th. Studieleier: Prof BA Müller.
9. McMASTER L. *Werkloosheid as 'n pastorale vraagstuk*. M.Th. Studieleier: Prof DJ Louw.
10. MIN S-Y. *Theology in pastoral care and counselling*. M.Th. Studieleier: Prof DJ Louw.
11. MOUTON J. *'n Vergelykende ondersoek na die opleidingsmodel en praktyk van verskillende selkerk-bedieningsstrukture*. M.Th. Studieleier: Dr HJ Hendriks.



12. MOUTON JC. 'n Ondersoek na lidmate se beleving van die selkerk bedieningstruktuur. M.Th. Studieleier: Dr HJ Hendriks.
13. NEL RW. Van sendingobjek tot missionêre gemeente - 'n ondersoek na die selfverstaan van die Rynse Sendinggemeente, Stellenbosch binne 'n veranderende missionêre paradigma. M.Th. Studieleier: Prof CM Pauw.
14. REINECKE CJ. Paradigmaverskuiwings in die plaaslike gemeente: Die invloed van 'n veranderende heilsbegrip op die missionêre motivering van lidmate. M.Th. Studieleier: Prof CM Pauw.
15. ROGERS S. *Health, the neglected aspect of pastoral care*. M.Th. Studieleier: Prof DJ Louw.
16. SEOCK KO. *A model for an integrated Korean Urban Harbour Mission*. M.Th. Studieleier: Prof CM Pauw.
17. SLABBERT N. 'n Prakties-teologiese rekonstruksieteorie vir transformatiewe handeling binne die sameleving. M.Th. Studieleier: Prof DJ Louw.
18. SON CM. *Empirical research within a hermeneutical approach in practical theology*. M.Th. Studieleier: Prof DJ Louw.
19. SWANEPOEL PA. *Die invloed van postmodernisme op die teorievorming in die pastorale teologie*. M.Th. Studieleier: Prof DJ Louw.
20. TEN HAAF W. 'n Ondersoek na die eiesoortige spiritualiteit grondliggend aan die sogenaamde "doodsverlange" binne die reformatoriese tradisie met besondere verwysing na M Luther se "Tessaradecas consolatoria pro laborantibus et oneratis" van 1520 en 1535/6 en J Calvyn se *Psychopannychia* van 1534. M.Th. Studieleier: Prof DJ Louw.
21. TRUTER D. *The quest for a dispositional ethics in pastoral care*. M.Th. Studieleier: Prof DJ Louw.
22. VAN DER MERWE GB. *Jeugprediking en die opbou van waardes*. M.Th. Studieleier: Prof BA Müller.
23. VAN RENSBURG J. *Die gesekulariseerde stadsjeug as sendinguitdaging*. M.Th. Studieleier: Prof CM Pauw.
24. YOO BC. *Narrative preaching in Asian culture*. M.Th. Studieleier: Prof BA Müller.

## **SISTEMATIESE TEOLOGIE EN EKKLESIOLOGIE / SYSTEMATIC THEOLOGY AND ECCLESIOLOGY**

### **Tydskrifartikels/Journal articles**

1. SPIES JH, COERTZEN P. Wie behoort as lidmate van die gemeente aanvaar te word? *Nederduitse Gereformeerde Teologiese Tydskrif* 1997: 302-310.
2. THERON PF. The church as a poroika and "higher critical" theological training. *Nederduitse Gereformeerde Teologiese Tydskrif* 1997: 256-267.

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

1. THERON PF. *The church as a poroika and "higher critical" theological training*. 2de Internasionale Kongres van IRTI. Stellenbosch, Suid-Afrika, 1997.

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

1. COERTZEN P. *Spiritualiteit en Teologie: Toenadering of vervreemding*. SA Kerkhistoriese Werkgemeenskap. Pretoria, 1997.

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

1. COERTZEN P. Gereformeerde Kerkreg en Demokrasie/Menseregte in die Kerk. In: Neuser WH, Selderhuis HJ, (reds.). *Ordentlich und fruchtbar. Festschrift für Willem van't Spijker*. Calvin's Books, 1997: 129-140.
2. COERTZEN P. Spiritualiteit en Teologie: Eenheid of vervreemding. Die posisie van Calvyn. In: Neuser WH, Selderhuis HJ, Van't Spijker W, (reds.). *Festschrift dedicated to Peter de Klerk on the occasion of his seventieth birthday*. Calvin's Books, 1997: 223-234.

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1. BRINK G. *Daniel Francois Malan (1874-1959). His theology and its influence. An ecclesiological study*. D.Th., 1997. 471 pp. Promotor: Prof P Coertzen.
2. KIM HS. *The relationship between Church History and Mission History, with reference to the Presbyterian Church in Korea*. D.Th., 1997. Promotor: Prof E Brown.
3. SPIES JH. *Kerkgeregte en kerklike orde*. D.Th., 1997. 270 pp. Promotor: Prof P Coertzen.
4. VAN DER WALT PJ. *Openbaring en ervaring. 'n Ondersoek na H.M. Kuitert se verantwoording van die geloof in die Christelike tradisie*. Ph.D., 1997. 220 pp. Promotor: Prof PF Theron.

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

1. BRANDT AA. *The historical development of the doctrine of sanctification within the Africa Evangelistic Band*. D.Th. Promotor: Prof E Brown.
2. CHEONG IT. *Christian ethics in Modern Korea*. D.Th. Promotor: Prof DA du Toit.

3. CILLIERS AP. *Die wisselwerking tussen Godsbeskouing en die sosio-ekonomiese konteks in Suid-Afrika*. D.Th. Promotor: Prof PF Theron.
4. DICKS NS. *Gereformeerde Kerkreg en die Gemeentelike bediening van die leraar*. D.Th. Promotor: Prof P Coertzen.
5. FRANKEN MC. *Die kerkhistoriese ontwikkeling van "opwekking" as 'n bedieningswyse in die Nederduitse Gereformeerde Kerk*. D.Th. Promotor: Prof E Brown.
6. GAVERA JP. *The theology of Hendrikus Berkhof - an analysis of a design of a modern theology of mediation*. D.Th. Promotor: Prof PF Theron.
7. HODNETT GD. *Ontology and New Being: a study of the relationship between creation and redemption in the theology of AA van Ruler and Paul Tillich*. D.Th. Promotor: Prof PF Theron.
8. KAMWANA JJK. *The spirituality of Rev JS Mwale, Minister in the Nkhoma Synod of the Church of Central Africa, Presbyterian*. D.Th. Promotor: Prof E Brown.
9. KIM HK. *The uniqueness of Presbyterian spirituality within the context of the Korean church (1920-1960)*. D.Th. Promotor: Prof E Brown.
10. KUYLER DA. *Die predikant in sinodale diens in die Ned. Geref. Kerk in Suid-Afrika - 'n Kerkhistoriese en Kerkregtelike studie*. D.Th. Promotor: Prof E Brown.
11. MOUTON JF. *Herlewings in die Nederduitse Gereformeerde Kerk 1849-1863. 'n Ekklesiologiese ondersoek na die aard, omvang en invloed daarvan*. D.Th. Promotor: Prof E Brown.
12. MUTUMBURANZOU AR. *The growth of the Reformed Church in Zimbabwe from 1975-1994*. D.Th. Promotor: Prof P Coertzen.
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14. SWART FJ. *Kerk en onderwys. 'n Kerkregtelike studie van artikel 69 van die Kerkorde (1982) van die Nederduitse Gereformeerde Kerk*. D.Th. Promotor: Prof P Coertzen.
15. TYLER C. *The recovery of the Reformed Faith in the English speaking churches in South Africa*. D.Th. Promotor: Prof E Brown.
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17. VAN TONDER DF. *Die verhouding tussen staat en kerk in die Gereformeerde Teologie*. D.Th. Promotor: Prof DA du Toit.
18. VISSER JB. *Eerwaarde Andries Dryers as kerkhistorikus en argivaris*. D.Th. Promotor: Prof E Brown.
19. XAPILE SP. *The quest for unity between the Bantu Presbyterian Church and the Presbyterian Church of South Africa since 1959*. D.Th. Promotor: Prof E Brown.

## Magister Iopend/Master's current

1. BRINK MR. *Die etiese aspekte van genetiese manipulasie*. M.Th. Studieleier: Prof DA du Toit.
2. DE VILLIERS JS. *Die Nederduitse Gereformeerde Kerk en Ventersdorp in 'n tyd van verandering*. M.Th. Studieleier: Prof P Coertzen.

## BURO VIR VOORTGESETTE TEOLOGIESE OPLEIDING EN NAVORSING / BUREAU FOR CONTINUING THEOLOGICAL TRAINING AND RESEARCH

## Referate internasionaal/Papers international

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# FAKULTEIT EKONOMIESE EN BESTUURSWETENSKAPPE FACULTY OF ECONOMIC AND MANAGEMENT SCIENCES

## BEDRYFSIELKUNDE / INDUSTRIAL PSYCHOLOGY

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3. KOTZE E. *Graadstudie as kruispunt in die loopbaanontwikkeling van beroepsoffisiere*. Ph.D. Promotor: Dr A Duvenage.
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2. LIEBENBERG KA. *Value added and industrial policy in South Africa*. Ph.D. Promotor/ medepromotors: Prof WD Hamman/prof E van der M Smit en dr A Roux.
3. LOUBSER SS. *The effect of market orientation on the characteristics, behaviour and profitability of South African companies*. Ph.D. Promotor/medepromotor: Prof TJ de Coning/prof H Oosthuizen.
4. MULLER PRJ. *The relevance of factors precipitating failure in the timeshare industry*. Ph.D. Promotor/medepromotor: Prof PG du Plessis/prof AA Archer.
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# FAKULTEIT INGENIEURSWESE FACULTY OF ENGINEERING

## BEDRYFSINGENIEURSWESE (Waarby ingesluit die Instituut vir Bedryfsingenieurswese) INDUSTRIAL ENGINEERING (Including the Institute for Industrial Engineering)

### Tydskrifartikels/Journal articles

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11. DAVIES AN. *The development and use of routing functionality within Spoornet*. M.Ing. Studieleier: Mnr M Michau.
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18. GILDENHUYLS GB. *Diesel depot workflow analysis*. M.Ing. Studieleier: Mnr J Heese.
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28. MINNAAR PD. *ED QM Project*. M.Ing. Studieleier: Prof WP van Ryneveld.
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30. MULLER RC. *Benchmarking framework*. M.Ing. Studieleier: Mnr M Michau.
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32. NAGEL HJ. *Developing an ISO9000-based Quality System for implementation in a large service organisation*. M.Ing. Studieleier: Prof WP van Ryneveld.
33. NEL AJ. *The design and construction of a mobile robot for material handling*. M.Ing. Studieleier: Mnr CJ Fourie.
34. NEL PA. *A methodology for multi-level maintenance management - a critical approach to the application of new technology to maintenance management*. M.Ing. Studieleier: Prof ND du Preez.
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36. OLIVIER M. *Investigation of the application of integrated software and enterprise modelling in a project driven enterprise*. M.Ing. Studieleier: Prof ND du Preez.
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2. BOTHA KE. *The recovery of high value components from plant matter by means of supercritical extraction*. M.Ing. Studieleier: Dr I Nieuwoudt.
3. CLOETE JC. *Gasvloeiverspreiding in die verkoelingstoring van 'n sementaanleg*. M.Ing. Studieleier: Prof JH Knoetze.
4. CRAUSE JC. *The development of a fundamental mass transfer model for structured packing*. M.Ing. Studieleier: Dr I Nieuwoudt.
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## ELEKTRIESE EN ELEKTRONIESE INGENIEURSWESE (waarby ingesluit die Sentrum vir Elektriese en Elektroniese Ingenieurswese) ELECTRICAL AND ELECTRONIC ENGINEERING (including the Centre for Electrical and Electronic Engineering)

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3. JENKINS KJ. *A design methodology for using marginal and recycled materials for asphalt paving*. Ph.D. Promotor: Prof MFC van de Ven.
4. JEWITT G. *Skaalprobleme in die modellering van riviere van die Kruger Wildtuin*. Ph.D. Promotor: Prof AHM Görgens.
5. MARITZ G. *Mass housing digest for South Africa*. Ph.D. Promotor: Prof JV Retief.

6. MEYER WE. *A genetic algorithm approach to the dynamic fleet assignment problem*. Ph.D. Promotor: Prof CJ Bester.
7. MILNE TI. *Towards a performance related seal design method for bitumen and modified bitumen seal binders*. Ph.D. Promotor: Prof MFC van de Ven.
8. PIENAAR WJ. *The economic evaluation of public transport terminals and transfer facilities*. Ph.D. Promotor: Prof CJ Bester.
9. QUIBELL G. *Decision support system for ecological management of Lake St Lucia*. Ph.D. Promotor: Prof AHM Görgens.
10. ROSSOUW M. *Golf-modelling*. Ph.D. Promotor: Dr J Rossouw.
11. SMIT Adef. *An improved South African mix design approach to enhance the long term performance of asphalt bases*. Ph.D. Promotors: Proff MFC van de Ven en F Hugo.
12. TER HAAR TR. *A rational approach towards the design criteria for serviceability limit state design of industrial steel structures*. Ph.D. Promotor: Prof PE Dunaiski.
13. VAN ZYL NJW. *Land use transport strategies to cope with suburbanisation*. Ph.D. Promotor: Prof CJ Bester.
14. VERHAEGHE B. *Development and implementation of a product performance guarantee system (PPGS) in South Africa*. Ph.D. Promotor: Prof MFC van de Ven.

## Magister lopend/Master's current

1. BESTER A. *Meting van groot vloeie in riviere*. M.Ing. Studieleier: Prof A Rooseboom.
2. BESTER JW. *Transition losses in water tunnels due to non-alignment of precast panels*. M.Ing. Studieleier: Prof A Rooseboom.
3. BOUWER SM. *Field evaluation of concrete durability index tests*. M.Ing. Studieleier: Mnr G Maritz.
4. BRAND WW. *Reliability of a prestressed concrete beam designed according to SABS 0160 (1989) and SABS 0100 (1992)*. M.Ing. Studieleier: Prof JV Retief.
5. BREDEHANN S. *Simulation as a method of predicting pavement performance using a mathematical model and taking into consideration the vehicle pavement interaction, dynamic effect of loads and variability of loads and pavement materials*. M.Ing. Studieleiers: Proff MFC van de Ven en F Hugo.
6. CONRADIE RV. *Assessment of the proof load concept in pre-cast RC portal culvert design*. M.Ing. Studieleier: Mnr G Maritz.
7. DUFF-RIDDELL WR. *Strategic logistics management in urban public transport*. M.Ing. Studieleier: Prof CJ Bester.
8. GOODEY GM. *Secondary energy head losses in segmentally lined water tunnels*. M.Ing. Studieleier: Prof A Rooseboom.
9. GRIESEL EJ. *The influence of environmental factors on the potential durability of reinforced concrete*. M.Ing. Studieleier: Mnr G Maritz.
10. KER-FOX GM. *Reliability based tender estimating*. M.Ing. Studieleier: Prof JV Retief.
11. MARTHEZE J. *Design guidelines for public transport interchanges*. M.Ing. Studieleier: Prof CJ Bester.
12. MATJI P. *Modelling van fosfate in opvanggebiede*. M.Ing. Studieleier: Prof AHM Görgens.
13. MOLLETT CJ. *A road safety model for rural roads in South Africa*. M.Ing. Studieleier: Prof CJ Bester.
14. MOSCA FJ. *Variation in truck traffic*. M.Ing. Studieleier: Prof CJ Bester.
15. MOSTERT G. *An experimental and theoretical investigation into the non-linear moment - rotation response of column footplate-foundation connections in single storey steel portal frames*. M.Ing. Studieleier: Prof PE Dunaiski.
16. POOLMAN P. *Towards a new approach for the alignment design of highways and railways*. M.Ing. Studieleier: Prof WB Cronjé.
17. RENNIE MP. *Advanced analysis of plane frame structures*. M.Ing. Studieleier: Prof WW Bird.
18. ROSSOUW C. *Ontleding van golfpatrone*. M.Ing. Studieleier: Dr J Rossouw.
19. THERON AK. *Die sediment balans by Oos-Londen*. M.Ing. Studieleier: Dr J Rossouw.
20. THIART JA. *Bemagtiging van mense in die konstruksiebedryf*. M.Ing. Studieleier: Mnr JAvB Strasheim.
21. TYLCOAT C. *Operasionele model vir GrootVis-stelsel*. M.Ing. Studieleier: Prof AHM Görgens.
22. SINSKE S. *Toepassing van geografiese inligtingstelsels vir die ontwerp en die bestuur van rioolnetwerke*. M.Ing. Studieleier: Mnr JAvB Strasheim.
23. ZIETSMAN B. *Golftransformasie modellering*. M.Ing. Studieleier: Dr J Rossouw.

## TOEGEPASTE WISKUNDE / APPLIED MATHEMATICS

### Tydskrifartikels/Journal articles

1. DIEDERICKS GPJ, DU PLESSIS JP. Modelling of flow through homogeneous foams. *Mathematical Engineering in Industry* 1997; **6**(2): 133-154.
2. HARMS TM, VON BACKSTRÖM TW, DU PLESSIS JP. Comparison of three finite-volume interpolation schemes. *R & D Journal* 1997; **13**(1): 20-30.
3. SMIT GJF, DU PLESSIS JP. Pressure drop prediction of power law fluid through granular media. *Journal of Non-Newtonian Fluid Mechanics* 1997; **72**: 319-323.

### Referate nasionaal/Papers national

1. BOSHOFF L, DIEDERICKS GPJ, DU PLESSIS JP. *Porous medium tortuosity*. Joint Mathematics Conference of the South African Mathematics Society and the American Mathematical Society. Universiteit van Pretoria, Pretoria, 1997.
2. DE KOCK HC, VISAGIE SE. *'n Rekenaarprogram vir die bepaling van optimale Wisselbou stelsels*. Die Swartland Nasionale Kongres van Operasionele Navorsing. Swartland, 1997.
3. GELDENHUYIS G, CONRADIE T. *Eksperimente met wiskundige programmeringsmodelle vir treinskedulering*. Jaarkongres van die Operasionele Navorsingsvereniging van Suid-Afrika. Karridene, 1997.



4. VAN VUUREN JH. *A comparison theorem for weakly competitive reaction-diffusion systems*. Joint Mathematics Conference of the South African Mathematics Society and the American Mathematical Society. Universiteit van Pretoria, Pretoria, 1997.
5. VAN VUUREN JH, HUDDLESTONE GE. *An optimal control strategy for the production of fruit juice concentrates*. Nasionale Kongres van die Operasionele Navorsingsvereniging van Suid-Afrika. Illovo, KwaZulu-Natal, 1997.

## Hoofstukke in boeke/Chapters in books

1. DU PLESSIS JP, DIEDERICKS GPJ. Pore-scale modelling of interstitial transport phenomena. In: Du Plessis JP, (ed.). *Advances in Fluid Mechanics (Series). Fluid Transport in Porous Media*. Computational Mechanics Publications, Southampton, 1997: 61-104.

## Doktoraal afgehandel/Doctoral completed

1. SMIT GJF. *Mathematical modelling of non-newton flow through isotropic porous media*. Ph.D., 1997. 189 pp. Promotor: Prof JP du Plessis.

## Magister afgehandel/Master's completed

1. VISAGIE S. *Wisselbou-praktyke in die kleingraangebiede*. M.Sc., 1997. 155 pp. Studieleier: Dr HC de Kock.

## Doktoraal lopend/Doctoral current

1. CROUS PH. *Ship motion in irregular seas leading to capsize*. Ph.D. Promotor: Prof M Gerber.
2. DIEDERICKS GPJ. *Contaminant transport in porous media*. Ph.D. Promotor: Prof JP du Plessis.
3. DU PLESSIS SA. *'n Rekenaargesteuende onderrigstelsel vir Linêere Programming*. Ph.D. Promotor: Dr HC de Kock.
4. DU TOIT E. *A quantitative bio-economic investigation of inshore fisheries*. Ph.D. Promotor: Dr GC Cruywagen.
5. FOURIE JG. *Heat transfer in porous media*. Ph.D. in Ing.wet. Promotor: Prof JP du Plessis.
6. VAN DER WESTHUIZEN J. *Phase average Navier-Stokes solution to porous flow associated with resin transfer moulding processes*. Ph.D. Promotor: Prof JP du Plessis.

## Magister lopend/Master's current

1. BOSHOFF L. *Modelling of isotropic porous media tortuosity*. M.Sc. Studieleier. Prof JP du Plessis.
2. DE GOEDE DW. *The dynamical behaviour of the coupled nonlinear and bilinear oscillator*. M.Sc. Studieleier Prof M Gerber.
3. DIPPENAAR CY. *Operasionele navorsing oor vervroegde aftrede*. M.Sc. Studieleier: Prof G Geldenhuys.
4. PIENAAR PRdV. *Radiotherapy planning system for electron and photon radiation, based on "pencil beam" models*. M.Sc. Studieleier: Mnr WFD Theron.
5. SCOTT EC. *Kleuring van grafieke met taboesoektogte en die stortvloedalgoritme*. M.Sc. Studieleier: Prof G Geldenhuys.

# FAKULTEIT GENEESKUNDE FACULTY OF MEDICINE

## ANATOMIE EN HISTOLOGIE / ANATOMY AND HISTOLOGY

### Tydskrifartikels/Journal articles

1. DU TOIT DF, MOUTON YM, MULLER CJF. The morphology of peri- and intragraft white adipose tissue (WAT) ingrowth following foetal rat pancreatic transplantation. *European Journal of Anatomy* 1997; **1**(3): 129-136.
2. DU TOIT DF, SCHNEIDER JW, MOUTON YM, MULLER CJF. Malignant Schwannoma of the lumbosacral plexus following Streptozotocin (STZ) Therapy in a substrain of Wistar Rat. *Laboratory Animal Science* 1997; **37**(2): 91-93.

### Verrigtinge nasionaal/Proceedings national

1. CHASE CC, BEZUIDENHOUT J, VAN DE WAL BW, WALZL G, WYSER CP. *Quantitative cytology of pleural effusions, BAL and pleural biopsies from patients with tuberculosis*. 27ste Kongres van die Anatomiese Vereniging van Suidelike Afrika. Kaapstad, 1997.
2. MATHEY B, LABUSCHAGNE BCJ. *Cadaver profile at University of Stellenbosch Medical School*. Verrigtinge van die 27ste Kongres van die Anatomiese Vereniging van Suidelike Afrika. Kaapstad, 1997.
3. MOUTON YM, DU TOIT DF, LYNNERS RFC, MULLER CJF. *Proliferation of peripancreatic white adipose tissue (WAT) following renal sub-capsular allogeneic foetal pancreas transplants in rats*. Verrigtinge van die 27ste Kongres van die Anatomiese Vereniging van Suidelike Afrika. Kaapstad, 1997.
4. MULLER CJF, DU TOIT DF, MOUTON YM, MULLER N, BEYERS AD. *Characterization of the intragraft mononuclear cell infiltrate after subcapsular allogeneic foetal pancreas transplants in rats*. Verrigtinge van die 27ste Kongres van die Anatomiese Vereniging van Suidelike Afrika. Kaapstad, 1997.

### Referate internasionaal/Papers international

1. BEZUIDENHOUT J, DU PLESSIS DG, MULLER CJF, PRETORIUS MS, WALZL G, BARDIN PG. *Cytokine immunoreactivity in human tuberculous granulomas*. 14de Jaarlikse Kongres van die Pulmonologie Vereniging van Suidelike Afrika. Windhoek, Namibië, 1997.

### Referate nasionaal/Papers national

1. BEZUIDENHOUT J, DU PLESSIS DG, MULLER CJF, PRETORIUS MS, WALZL G, BARDIN PG. *Cytokine immunoreactivity in human tuberculous granulomas*. 37ste Jaarlikse Kongres van die Federasie van Suid-Afrikaanse Vereniging van Patologie. Kaapstad, 1997.
2. CHASE CC, BEZUIDENHOUT J, VAN DE WAL BW, WALZL G, WYSER CP. *Tuberculous pleural effusions: cytological studies*. 37ste Jaarlikse Kongres van die Federasie van Suid-Afrikaanse Verenigings van Patoloë. Kaapstad, 1997.
3. DE WET PE. *Teaching of anatomy and the internet*. 27ste Kongres van die Anatomiese Vereniging van Suidelike Afrika. Kaapstad, 1997.
4. DU TOIT DF, MULLER CJF, MOUTON YM, LYNNERS RFC, MULLER N, WESSELS J, FOURIE PR, BEYERS AD, STINSON RL. *Effect of ultraviolet-B-irradiated donor-specific bloodtransfusions (DST) and pretransplant immunosuppression with Cyclosporine (CsA) on foetal rat pancreatic allograft survival*. XVII Kongres van die Oorplantings Vereniging van Suidelike Afrika. Stellenbosch, 1997.
5. DU TOIT DF, MULLER CJF, MOUTON YM, LYNNERS RFC, MULLER N, WESSELS J, FOURIE PR, BEYERS AD, WOODROOF C. *Does the endocrine component of the foetal rat islet change following syngeneic and allogeneic transplantation and suppression with combinations of anti-CD4 mAb, CsA and sDST?* XVII Kongres van die Oorplantings Vereniging van Suidelike Afrika. Stellenbosch, 1997.
6. DU TOIT DF, MULLER CJF, MOUTON YM, MATTYSEN J, LYNNERS RFC. *Prolongation of foetal rat pancreatic allograft survival with Tacrolimus (FK506) and Cyclosporine (CsA)*. Kongres van die Chirurgiese Navorsings Vereniging van Suidelike Afrika. Stellenbosch, 1997.
7. DU TOIT DF, MULLER CJF, MOUTON YM, MULLER N, WESSELS J, FOURIE PR, BEYERS AD. *Suppression of foetal rat pancreatic allograft rejection by a non depleting anti-rat CD4 monoclonal antibody W3/25 and peritransplant cyclosporine (CsA)*. XVII Kongres van die Oorplantings Vereniging van Suidelike Afrika. Stellenbosch, 1997.
8. DU TOIT DF, MULLER CJF, MOUTON YM, WOODROOF C, BEYERS AD. *Histopathology of syngeneic and allogeneic foetal rat pancreatic transplantation (FRP) and immunosuppression with Tacrolimus (FK506) and Cyclosporine*. 7de Jaarlikse Kongres van die Federasie van Suid-Afrikaanse Vereniging van Patologie. Kaapstad, 1997.

- MULLER CJF, DU TOIT DF, BEYERS AD, MOUTON YM, MULLER N, LYNERS RFC, MATTYSSEN J. *Prolongation of rat foetal pancreatic allograft survival using a novel non-depleting rat anti-CD4 monoclonal antibody W3/25*. Kongres van die Chirurgiese Navorsings Vereniging van Suidelike Afrika. Stellenbosch, 1997.
- MULLER CJF, DU TOIT DF, MOUTON YM, BEYERS AD. *A comparison of foetal pancreas allograft immunomodulation in rats, using a non-depleting anti-CD4 monoclonal antibody (W3/25) to Cyclosporin*. 37ste Jaarlikse Kongres van die Federasie van Suid-Afrikaanse Vereniging van Patologie. Kaapstad, 1997.
- MULLER CJF, DU TOIT DF, MOUTON YM, MULLER N, BEYERS AD. *Characterization of the intragraft mononuclear cell infiltrate after subcapsular allogeneic foetal pancreas transplants in rats*. XVII Kongres van die Oorplantings Vereniging van Suidelike Afrika. Stellenbosch, 1997.

## Doktoraal lopend/Doctoral current

- MOUTON YM. *Singiniëse en allogeniëse fetale rot pankreasoorplanting*. Ph.D. Promotor: Prof DF du Toit.
- PAGE BJ. *A comparative study into the proliferation and differentiation of pancreatic duct cells using in-vivo pancreas ligation and duct cell culture*. Ph.D. Promotor: Prof DF du Toit.

## Magister lopend/Master's current

- LESCH KM. *Molekulêre karakterisering van genoomveranderinge in limfome*. M.Sc. Studieleier/medestudieleier: Dr M Marx/prof PAB Wranz.

# ANATOMIESE PATOLOGIE / ANATOMICAL PATHOLOGY

## Tydskrifartikels/Journal articles

- BEZUIDENHOUT J, SCHNEIDER JW, HUGO FJ, WESSELS G. Teratomas in infancy and childhood at Tygerberg Hospital, South Africa, 1973 to 1992. *Archives of Pathology & Laboratory Medicine* 1997; **121**: 499-502.
- CHETTY R, DADA MA, BOSHOFF CH, COMLEY MA, BIDDOLPH SC, SCHNEIDER JW, MASON DY, PULFORD KA, GATTER KC. TAL-1 protein expression in vascular lesions. *Journal of Pathology* 1997; **181**: 311-315.
- DU TOIT GC, SCHAETZING AE, WRANZ PAB. Age-specific cervical cytology abnormalities at Tygerberg Hospital. *South African Medical Journal* 1997; **87**: 1429-1432.
- ENGELBRECHT S, TREURNICHT FK, SCHNEIDER JW, JORDAAN HF, STEYTLER JG, WRANZ PAB, VAN RENSBURG EJ. Detection of human herpes virus 8 DNA and sequence polymorphism in classical, epidemic and iatrogenic Kaposi's sarcoma in South Africa. *Journal of Medical Virology* 1997; **52**:168-172.
- FRANKEN DR, BASTIAAN HS, KIDSON A, WRANZ PAB, HABENICHT U-F. Zona pellucida mediated acrosome reaction and sperm morphology. *Andrologia* 1997; **29**: 311-317.
- HEYNS CF, VAN VOLLENHOVEN P, STEENKAMP JW, ALLEN FJ, VAN VELDEN DJJ. Carcinoma of the penis - appraisal of a modified tumour-staging system. *British Journal of Urology* 1997; **80**: 307-312.
- JORDAAN HF, SCHNEIDER JW. Papular urticaria: A histopathologic study of 30 patients. *American Journal of Dermatopathology* 1997; **19**(2): 119-126.
- LOTZ J, BENINGFIELD S, HURRIBANCE A, MATHEWS L, SERFONTEIN P, RUTHERFOORD GS, WYNCHANK S. Telemedicine in South Africa. *South African Medical Journal* 1997, **87**(2): 130-131.
- MOORE SW, HESSELING PB, WESSELS G, SCHNEIDER JW. Hepatocellular carcinoma in children. *Pediatric Surgery International* 1997; **12**: 266-270.
- SCHNEIDER JW, JORDAAN HF. The histopathological spectrum of Erythema Induratum of Bazin (EIB). *American Journal of Dermatopathology* 1997; **19**(4): 323-333.
- SPRUYT LL, WRANZ PAB. The allergic response in perspective. *Continuing Medical Education Journal* 1997; **15**(6): 737-742.

## Referate internasionaal/Papers international

- BATES WD, DAVIES DR, WELSH K, GRAY DR, FUGGLE S, DUNNILL MS, MORRIS PJ. *An evaluation of the BANFF classification of renal allograft biopsies*. Joint Congress: African Association of Nephrology, South African Renal Society, Renal Care Society of South Africa. Durban, 1997.
- BATES WD, GRAY DWR, DADA MA, CHETTY R, DAVIES DR, GATTER KC, MORRIS PJ. *Post renal transplant lymphoproliferative disorders*. XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
- BEZUIDENHOUT J, DU PLESSIS DG, MULLER CJF, PRETORIUS MS, WALZL G, BARDIN PG. *Cytokine immunoreactivity in human tuberculous granulomas*. 14th Southern African Pulmonology Society Congress. Windhoek, 1997.
- CHASE CC, BEZUIDENHOUT J, VAN DE WAL BW, WALZL G, WYSER CP. *Quantitative cytology of pleural effusions: BAL and pleural biopsies from patients with tuberculosis*. 27th Annual Congress of the Anatomical Society of Southern Africa. Cape Town, 1997.
- DAVIDS MR, JORDAAN HF, SCHNEIDER JW, MOOSA MR. *Systemic calciphylaxis in patients on renal replacement therapy*. XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
- DU PLESSIS DG, BEZUIDENHOUT J, LOUW V, BATES WD, MOOSA MR. *Major post-mortem findings in renal transplant recipients. A study of 79 autopsies from 1977 to 1996*. XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
- DU TOIT DF, HEYDENRYCH JJ, FOURIE PR, BRUCE L, COLESKY F, COOPER R, ZUURMOND T, CHASE C, WRANZ PAB. *Immunomodulation by UVB-light, donor specific blood transfusion (DST). Experimental renal allotransplantation studies*. XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
- DU TOIT DF, MULLER CJF, MOUTON YM, LYNERS RFC, MULLER N, WESSELS J, FOURIE PR, BEYERS AD, WOODROOF C. *Does the endocrine component of the foetal rat islet change following syngeneic and allogeneic*

- transplantation and suppression with combinations of anti-CD4 mAb, CsA and sDST?* XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
9. DU TOIT DF, MULLER CJF, MOUTON YM, MULLER N, WESSELS J, FOURIE PR, BEYERS AD. *Suppression of foetal rat pancreatic allograft rejection by a non-depleting anti-rat CD4+ monoclonal antibody W3/25 and peritransplant cyclosporine (CSA)*. XVII Congress, Southern African Transplantation Society. Stellenbosch, 1997.
  10. FRANKEN DR, BASTIAAN HS, KIDSON A, WRANZ PAB, HABENICHT U-F. *Zona pellucida mediated acrosome reaction and sperm morphology*. Workshop Molecular Andrology: Sperm maturation and function. Giessen, Germany, 1997.
  11. MULLER CJF, DU TOIT DF, BEYERS AD, MOUTON YM, MULLER N, LYNERS RFC, MATTYSEN J. *Prolongation of rat foetal pancreas allograft survival using a novel non-depleting rat anti-CD4 monoclonal antibody W3/25*. Surgical Research Society of Southern Africa Congress. Stellenbosch, 1997.
  12. MULLER CJF, DU TOIT DF, MOUTON YM, MULLER N, BEYERS AD, LYNERS RFC, MATTYSEN J. *Characterization of the intra-graft mononuclear cell infiltrate following allogeneic foetal pancreas transplantation in rats*. 27th Congress of the Anatomical Society of Southern Africa. Cape Town, 1997.
  13. NEL ED, SCHNEIDER JW. *Severe tuberculous hepatitis early in infancy*. 1st European Southern African Paediatric Congress (ESAPEC). Johannesburg, 1997.
  14. VAN RENSBURG EJ, TREURNICHT FK, MOOSA MR, SCHNEIDER JW, JORDAAN HF, ENGELBRECHT S. *Detection of HHV-8 in PBMCs and tissue samples taken at different time periods from renal transplant patients*. Inaugural meeting of the European Society for Clinical Virology. Bologna, Italy, 1997.
  15. VAN SCHALKWYK EM, BEZUIDENHOUT J, WYSER CP, BARDIN PG, JOUBERT JR. *Comparison of bronchoalveolar lavage, open lung biopsy and lung function in sarcoidosis*. 14th Southern African Pulmonology Society Congress. Windhoek, 1997.
  16. WALELE AA, BATES WD, MOOSA MR. *The clinico-pathological manifestations of renal disease in HIV positive patients, Tygerberg Hospital*. Joint Congress: African Association of Nephrology, South African Renal Society, Renal Care Society of South Africa. Durban, 1997.

## Referate nasionaal/Papers national

1. BASTIAAN HS, FRANKEN DR, KIDSON A, WRANZ P, HABENICHT U-F. *Zona pellucida mediated acrosome reaction and sperm morphology*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
2. BATES WD, DAVIES DR, WELSH K, GRAY DWR, FUGGLE S, DUNNILL MS, MORRIS PJ. *An evaluation of the BANFF classification of renal allograft biopsies*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
3. BATES WD, GRAY DWR, DADA MA, CHETTY R, DAVIES DR, GATTER KC, MORRIS PJ. *Post renal transplant lymphoproliferative disorders*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
4. BATES WD, MULLER N, VAN DE WAL BW, JACOBS JC. *HIV associated nephropathy - An initial presentation in an HIV positive patient*. 17de SMLSTA Kongres. Bloemfontein, 1997.
5. BEZUIDENHOUT J, DU PLESSIS DG, MULLER CJF, PRETORIUS MS, WALZL G, BARDIN PG. *Cytokine immunoreactivity in human tuberculous granulomas*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
6. BEZUIDENHOUT J, DU PLESSIS DG, SCHNEIDER JW. *p53 Expression in hyperplastic and pre-neoplastic lesions of the heterotopic pancreas*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
7. CHASE CC, BEZUIDENHOUT J, VAN DE WAL BW, WALZL G, WYSER CP. *Tuberculous pleural effusions: cytological studies*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
8. CILLIERS JC, VAN DER WESTHUIZEN FD, VAN DER MERWE A, SCHNEIDER JW. *A 12 year overview of tumours of the auricular area (1982 - 1994)*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
9. DU PLESSIS DG, BEZUIDENHOUT J, LOUW V, BATES WD, MOOSA MR. *Causes of death in renal transplant recipients: A post mortem study*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
10. DU PLESSIS L, SCHNEIDER JW, HESSELING PB, MARX MP. *Tumour DNA ploidy, chromosome 1p deletion and gene amplification: Prognostic significance in neuroblastoma*. South African Children's Cancer Study Group, Workshop on Supportive Care in Paediatric Oncology. Durban, 1997.
11. DU TOIT GC, SCHAEZING AE, WRANZ PAB. *Age-specific cervical cytology abnormalities at Tygerberg Hospital*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
12. GEIGER DH, GELDERBLUM W, VICTOR T, GAMIELDIEN W, HENRICO B, MUGWANYA D, STEPIEN A, VAN HELDEN PD, MARASAS WFO. *p53 Gene alterations and accumulation of p53 protein in oesophageal carcinoma in a population from the Eastern Cape*. 37th Annual Congress of the Federation of South African Societies of Pathology. Cape Town, 1997.
13. HEWLETT RH, RUTHERFOORD GS, LOTZ J. *Correlative imaging & pathology of CNS granulomatous mass lesions*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
14. KNAPPE MV, LOUW M, GREGOR RT. *Ultrasound-guided fine needle aspiration (US-FNA) for the assessment of cervical lymph nodal metastases in head and neck cancer*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
15. LESCH KM, BEZUIDENHOUT J, WRANZ PAB, OOSTHUIZEN CJJ. *Epstein Barr virus in Burkitt's lymphoma*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
16. MULLER CJF, DU TOIT DF, BEYERS AD, MOUTON YM, MULLER N, LYNERS RFC, MATTYSEN J. *Prolongation of rat foetal pancreas allograft survival using a novel non-depleting rat anti-CD4 monoclonal antibody W3/25*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
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18. MULLER CJF, DU TOIT DF, MOUTON YM, MULLER N, BEYERS AD, LYNERS RFC, MATTYSEN J. *Characterization of the intra-graft mononuclear cell infiltrate following allogeneic foetal pancreas transplantation in rats*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
19. PRETORIUS MS, MACGREGOR PM. *Single cell processing for electron microscopy*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
20. REUTER H, BURGESS L, LOUW H, PRETORIUS J, WRANZ PAB, DOUBELL AF. *Etiology of clinically significant pericardial effusions*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
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3. JAMES RWJ. *Histological features of the lungs of surfactant deficient rabbits: Intratracheal reconstituted surfactant replacement therapy versus placebo*. M.Med. Studieleier: Dr J Bezuidenhout.
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1. BASSON E. *Lung resection and the cardiopulmonary reserve*. Ph.D., 1997. 340 pp. Promotor/medepromotor: Prof AR Coetzee/dr RI Stewart.

## Magister afgehandel/Master's completed

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2. SLABBERT WA. *Die voorspelling van kardiaale omset met behulp van 'n neurale netwerk.* M.Med., 1997. 30 pp. Studieleier: Prof JF Coetzee.
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2. LEVIN AI. *A study of right ventricular performance during one lung anesthesia.* Ph.D. Promotor: Prof AR Coetzee.
3. VAN DER MERWE WL. *Renale disfunksie na intrarenale klemming van die aorta gedurende vasculêre chirurgie.* M.D. Promotor: Prof AR Coetzee.

## ARBEIDSTERAPIE / OCCUPATIONAL THERAPY

### Hoofstukke in boeke/Chapters in books

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2. KEMP R. *Die bepaling van die stressore en behartigingstrategieë by arbeidsterapie studente aan die Universiteit van Stellenbosch.* M. in Arbeidsterapie. Studieleier: Mev A van Greunen.

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- ABDULLA EAK. *Die dermatologie van VIGS. (The dermatology of HIV)*. M.Med. Studieleier: Dr HF Jordaan.
- SWART Z. *'n Dubbelblinde terapieproef om die effektiwiteit van Linotar<sup>R</sup> in pasiënte met plaket psoriasis te evalueer. (A double blind therapy evaluation to evaluate the effectivity of Linotar<sup>R</sup> in patients with plaque psoriasis)*. M.Med. Studieleier: Prof J Cilliers.

## FARMAKOLOGIE / PHARMACOLOGY

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- DONALD PR, PARKIN DP, SEIFART HI, SCHOEMAN JF, VAN ZYL LE. Tuberculosis Meningitis in children. *Journal of Paediatrics, Obstetrics and Gynaecology* 1997; **Jan/Feb**: 11-14.



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- MÜLLER GJ. *An update on Scorpionism. A comparison of the efficacy of intravenous versus intramuscular routes of administration of scorpion antivenom in the treatment of severe Parabuthus granulatus scorpionism*. Venom Interest Group First Meeting. Johannesburg, 1997.
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## FISIOTERAPIE / PHYSIOTHERAPY

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2. IRWIN-CARRUTHERS SH. *A longitudinal study of foetal movement and neonatal competency*. International Congress of the South African Society of Physiotherapy. Cape Town, South Africa, 1997.
3. IRWIN-CARRUTHERS SH. *Outcomes in adult hemiplegia and related conditions*. 1st World Congress of the Neuro-Developmental Treatment Concept. Ljubljana, Slovenia, 1997.
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2. UYS MS. *Post-surgical rehabilitation of patients after lumbar spine surgery - Is it necessary?* South African Orthopaedic Association Conference on Spinal Problems. Cape Town, South Africa, 1997.
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## Navorsingsverslae/Research reports

1. VAN ZYL AL, UYS MS, TRUTER EH, LOCHNER RY, LE ROUX SE, KOTZE DJ, GREEN S, FOURIE E. *Interdisciplinary assessment of clients with physical disabilities: An outreach strategy*. Dept of Physiotherapy, University of Stellenbosch, 1997.

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## GEMEENSKAPSGESONDHEID / COMMUNITY HEALTH

### Referate internasionaal/Papers international

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1. DE VILLIERS PJT, BARNES JM. *SASPREN: 1996*. Family Practitioner Primary Health Care Surveillance Project, 1997.

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1. PIEPER CH. *An epidemiological evaluation of the Clinical Risk Index for Babies (CRIB) at the Tygerberg Neonatal Intensive Care Unit*. M.Sc. in Geneesk. Wet. cum laude, 1997. 145 pp. Studieleier/medestudieleier: Prof B de Villiers/mev JM Barnes.

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1. DE VILLIERS B. *A generic co-ordination programme for the management of health care for radiation casualties*. M.D. Promotor: Prof BJ Smit.
2. DE VILLIERS PJT. *The development and evaluation of the methodology of a passive health surveillance system through a sentinel network of general/family practitioners in South Africa*. Ph.D. Promotor: Prof B de Villiers.

# GENEESKUNDIGE BIOCHEMIE (Waarby ingesluit die Sentrum vir Molekulêre en Sellulêre Biologie) / MEDICAL BIOCHEMISTRY (Including the Centre for Molecular and Cellular Biology)

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5. BRINK PA, CORFIELD VA. *The mis- and missed diagnosis of sudden unexpected death*. 41ste Akademiese Jaardag van die Fakulteit Geneeskunde, Universiteit van Stellenbosch. Tygerberg, 1997.
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## Hoofstukke in boeke/Chapters in books

1. WARREN RM, SHAH SS, ALLAND D. Multiple drug resistance: A world-wide threat. In: Malin A, McAdam KPWJ, (eds). *Bailliere's Clinical Infectious Diseases*. Bailliere Tindall, 1997: 77-96.

## Doktoraal afgehandel/Doctoral completed

1. BRINK PA. *A molecular genetic approach to the aetiology of cardiovascular disease in South Africa with reference to progressive familial heart block*. Ph.D., 1997. 172 pp. Promotor: Dr VA Corfield.

## Magister afgehandel/Master's completed

1. CHRISTOFFELS A. *Identification of novel Ca repeat markers for use in fine mapping of the PFHB1 gene and screening of the HRC candidate gene*. M.Sc., 1997. Studieleier: Dr VA Corfield.
2. RHODA DJ. *Molecular interactions of the protein tyrosine kinase ZAP-70 in T-cells*. M.Sc., 1997. 96 pp. Studieleier: Prof AD Beyers.

3. SAMPSON S. *The characterization of mechanisms leading to Mycobacterium tuberculosis strain diversity*. M.Sc., 1997. 250 pp. Studieleier/medestudieleier: Dr RM Warren/prof PD van Helden.

## Doktoraal lopend/Doctoral current

1. BOTHA T. *Structural and functional analysis of stat proteins*. Ph.D. Promotor: Prof AD Beyers.
2. DENNEHY KM. *Interactions of the SH2 domains of phosphatidylinositol 3-kinase during T cell activation*. Ph.D. Promotor: Prof AD Beyers.
3. MOOLMAN-SMOOK JC. *The molecular causes of hypertrophic cardiomyopathy in South Africa*. Ph.D. Promotor: Dr VA Corfield.

## Magister lopend/Master's current

1. ADAMS JFA. *Immune regulation in children and adults in a community with a high incidence of tuberculosis*. M.Sc. Promotor: Prof AD Beyers.
2. MAKUBALO Z. *Mutation screening of candidate genes on chromosome 19q 13.3, the targeted search area for the progressive familial heart block I (PFHB1)-causative gene*. M.Sc. Promotor: Dr VA Corfield.
3. NGUMBELA K. *Molecular causes of a complex disease with a high prevalence in South African populations, non-insulin dependent diabetes mellitus, and a rarer, monogenic, genetically-heterogenous disease, hypertrophic cardiomyopathy*. M.Sc. Promotor: Dr VA Corfield.
4. SHORT S. *A search for non-insulin dependent diabetes mellitus (NIDDM) susceptibility genes in South African population groups*. M.Sc. Promotor: Dr VA Corfield.
5. THOMAS S. *The use of genetic markers in the differential diagnosis of episodic loss of consciousness in a family setting*. M.Sc. Promotor: Dr VA Corfield.
6. VOS M. *Genetic diversity of Helicobacter pylori in the Western Cape*. M.Sc. Promotor: Dr RM Warren.

## GENEESKUNDIGE FISIOLOGIE / MEDICAL PHYSIOLOGY

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## **HEMATOLOGIESE PATOLOGIE / HAEMATOLOGICAL PATHOLOGY**

### **Tydskrifartikels/Journal articles**

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2. THIART R. *Comparative analysis of familial hyperlipidemia in different populations*. Ph.D. Promotor/medepromotor: Dr MJ Kotze/dr G de Jong.

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2. FORTUIN R. *Molecular investigation into flat adenomas of the colon*. M.Sc. Studieleier: Dr MJ Kotze.
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2. KASKAR K. *Sperm motion characteristics and its importance in an assisted reproduction programme*. Ph.D. Promotor/medepromotor: Prof DR Franken/prof R Roland (Konong Fahad Hospitaal, Verenigde Arabiese Koninkryk).
3. WINDT M-L. *Human gamete micromanipulation and intracytoplasmic sperm injection (ICSI): Its impact on severe male factor infertility*. Ph.D. Promotor: Prof TF Kruger.

## Magister lopend/Master's current

1. BASTIAAN HS. *Physiological factors influencing human sperm acrosome reaction*. Studieleier/medestudieleier: Prof DR Franken/prof PAB Wranz.

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

## Navorsingsverslag/Research report

1. VAN ZYL AL, UYS MS, TRUTER EH, LOCHNER RY, LE ROUX SE, KOTZE DJ, GREEN S, FOURIE E. *Interdisciplinary assessment of clients with physical disabilities: An outreach strategy*. Sentrum vir Gestremdesorg en Rehabilitasie, U.S., 1997. 121 pp.

## Magister lopend/Master's current

1. BAKKES ES. *Kriteria vir prostetiese rehabilitasie in persone met onder-been amputasie*. M.Sc. in Geneesk. Wet. Studieleier: Mej JA Hendry.
2. GROENEWALD SJ. *Die gebruiksfrekwensie van onderbeen prosteses post-ontslag na rehabilitasie*. M.Sc. in Geneesk. Wet. Studieleier: Mej JA Hendry.

# FAKULTEIT BOSBOU FACULTY OF FORESTRY

## BOSKUNDE / FOREST SCIENCE

### Tydskrifartikels/Journal articles

1. GOUS SF. Season of application affects herbicide efficacy in *Pinus radiata* plantations in the Southern Cape region of South Africa. *Southern African Forestry Journal* 1997; **179**: 1-5.
2. JANSE VAN RENSBURG R, BREDENKAMP BV. Optimising nursery operation schedules with multiperiod linear programming. *Southern African Forestry Journal* 1997; **179**: 7-11.
3. KÄTSCH C, BREDENKAMP BV. Towards an information system for forestry. *Southern African Forestry Journal* 1997; **178**: 73-78.
4. UYS HJE. The effect of real price changes on the valuation of timber plantations. *Southern African Forestry Journal* 1997; **179**: 21-24.
5. VAN ECK H, HAM C, VAN WYK G. Survey of indigenous tree uses and preferences in the Eastern Cape Province. *Southern African Forestry Journal* 1997; **180**: 61-64.
6. VAN HUYSTEEN CW, ELLIS F. The relationship between subsoil colour and degree of wetness in a suite of soils in the Grabouw district, Western Cape – I. Characterization of colour-defined horizons. *Southern African Journal of Plant and Soil* 1997; **14**(4): 149-153.
7. VAN HUYSTEEN CW, ELLIS F, LAMBRECHTS JJN. The relationship between subsoil colour and degree of wetness in a suite of soils in the Grabouw district, Western Cape – II. Predicting duration of water saturation and evaluation of colour definitions for colour-defined horizons. *Southern African Journal of Plant and Soil* 1997; **14**(4): 154-157.

### Referate nasionaal/Papers national

1. BEUKES P, ELLIS F. *Soil changes around Karoo watering points*. Congress of the Grassland Society of Southern Africa (Congress 32). Port Elizabeth, 1997.
2. ELLIS F. *Soil moisture regimes of drought affected Eucalyptus trees in a semi-arid region – a case study*. IUFRO Workshop on Forests at the limit. Skukuza, Kruger National Park, 1997.

### Boeke/Books

1. VAN LAAR A, AKCA A. *Forest mensuration*. Cuvillier Verlag, 1997. 418 pp.

### Magister afgehandel/Master's completed

1. CONTEH AAF. *Woodfuel demand and strategy for supply in the Western Area of Sierra Leone*. M.Sc. in Bosbou, 1997. 120 pp. Studieleier: Dr HJE Uys.
2. HOWARD MD. *A study of the measurement of bark thickness, diameter at breast height, merchantable height and total tree height*. M.Sc. in Bosbou, 1997. 129 pp. Studieleier: Prof BV Bredenkamp.
3. KONNEH C. *Proposals for the management of Bumbuna water catchment in Sierra Leone*. M.Sc. In Bosbou, 1997. 117 pp. Studieleier: Dr JM Theron.

### Doktoraal lopend/Doctoral current

1. RAMACHELA K. *Studies on the propagation and establishment of the wild loquat*. Ph.D. in Bosbouwetenskappe. Promotor: Dr JM Theron.

### Magister lopend/Master's current

1. DLAMINI CS. *Provenance and family variation in germination, early seedling growth and fruit quality of Sclerocarya birrea*. M.Sc. in Bosbouwetenskappe. Studieleier: Prof G van Wyk.
2. GWAITTA-MAGUMBA DA. *Water use and water relations of selected Eucalyptus camaldulensis provenances growing at Pampoenvlei, Western Cape Province*. M.Sc. in Bosbou. Studieleier: Dr F Ellis.
3. HANGULA RJK. *Genetic variation in early growth and the effect of inoculum on the growth of Colophospermum mopane families grown in different soil types*. M.Sc. in Bosbouwetenskappe. Studieleier: Prof G van Wyk.
4. ISSUFO AAK. *The influence of different soils on the growth of Eucalyptus grandis clones in a nursery environment*. M.Sc. in Bosbou. Studieleier: Prof G van Wyk.
5. KASUMU EC. *Provenance response of Pterocarpus angolensis to different soil types*. M.Sc. in Bosbou. Studieleier: Prof G van Wyk.
6. KIMANI N. *Use of densitometry to evaluate provenance studies for pulpwood*. M.Sc. in Bosbou. Studieleier: Prof BV Bredenkamp.

7. LUSEPANI NE. *Reproductive biology of Berchemia discolor*. M.Sc. in Bosbouwetenskappe. Studieleier: Dr C Boucher.
8. MEKE GS. *Insects associated with flowers, fruit and seed of Uapaca kirkiana*. M.Sc. in Bosbouwetenskappe. Studieleier: Dr H Geertsema.
9. MÖNNIG NH. *Applications of satellite imagery in forestry*. M.Sc. in Bosbou. Studieleier: Prof BV Bredenkamp.
10. MOTOMA LM. *Effect of nursery treatments on the growth of Acacia galpinii, Acacia karroo and Bolosanthus speciosus*. M.Sc. in Bosbouwetenskappe. Studieleier: Dr JM Theron.
11. RUNGO CM. *Effect of smoke pre-germination treatment on germination of forest margin species*. M.Sc. in Bosbou. Studieleier: Dr C Boucher.
12. SABONE K. *A study of the reproductive biology of Strychnos cocculoides*. M.Sc. in Bosbou. Studieleier: Dr C Boucher.
13. TERBLANCHE AL. *Factors causing abnormal root development in Pinus patula plantations*. M.Sc. Bosbou. Studieleier: Dr JM Theron.
14. VAN ECK H. *Veredelings van inheemse vrugtesoorte*. M.Sc. in Bosbouwetenskappe. Studieleier: Prof G van Wyk.
15. VERMAAK JA. *Abnormal wood in Pinus taeda*. M.Sc. in Bosbou. Studieleier: Prof G van Wyk.
16. VOGT HKH. *An investigation on the feasibility of forest inventory by means of satellite imagery using digital photogrammetry technology*. M.Sc. Bosbou. Studieleier: Prof BV Bredenkamp.

## **BOSINGENIEURSTEGNOLOGIE / FOREST ENGINEERING TECHNOLOGY**

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

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

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

1. GROBBELAAR FJ. *Harvesting, transport and roads interaction*. M.Sc. Studieleier: Mnr MP Brink.

## **HOUTKUNDE / WOOD SCIENCE**

### **Tydskrifartikels/Journal articles**

1. YSBRANDY RE, GERISCHER GFR, SANDERSON RD. *Preparation of moulding resins from inexpensive by-products. II Properties of mouldings made with various catalyzed phenolated and unmodified pitch/lignin systems*. *Cellulose Chemistry and Technology* 1997; 31(3-4): 213-226.

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

1. CRAFTFORD J, GERISCHER GFR. *Fire-resistant mineral bonded composite made from de-inking sludge*. 7th Symposium Processing of Secondary Fibre. Stellenbosch, 1997.
2. FAUL A, GERISCHER GFR. *Ink Jet Printability*. 7th Symposium Processing of Secondary Fibre. Stellenbosch, 1997.

### **Patente/Patents**

1. YSBRANDY RE, GERISCHER GFR. *Processing of paper mill sludge*. SA Patent No. 96/9195, 1997.

### **Navorsingsverslae/Research reports**

1. GERISCHER GFR, VAN WYK WJ. *Evaluation of Wood and TMP-pulping properties of older Pine stands for Mondi North East Cape Forests*. 1997. 20 pp.
2. GERISCHER GFR, VAN WYK WJ. *Soda pulping of Cotton Linters for Polifin Ltd*. 1997. 7 pp.
3. VAN WYK WJ. *Determination of the physical and mechanical properties of Keruing (Dipterocarpus speciosus) for Sachal & Stevens (Pty) Ltd*. 1997. 1-3 pp
4. VAN WYK WJ, GERISCHER GFR. *Composition of imported Kraft liner samples for Sappi Research*. 1997. 1 p.
5. VAN WYK WJ, GERISCHER GFR. *Testing of Victory Directory Book Covers for Sappi Adamas Mill*. 1997. 4 pp.

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

1. CRAFTFORD JG. *"The Sludge Panel" a wood fibre-cement composite from paper mill de-inking sludge*. M.Sc. Houtkunde cum laude, 1997. 153 pp. Studieleier: Prof GFR Gerischer.
2. HSIEH CH. *Plasticization of Bagasse residue*. M.Sc. Houtkunde, 1997. 56 pp. Studieleier: Prof GFR Gerischer.

3. KAPP SB. *A Feasibility Study on the Development of an Integrated Manufacturing, Planning and Control System for the South African Sawmilling Industry*. M.Sc. Houtkunde cum laude, 1997. 234 pp. Studieleier: Prof HF Vermaas.
4. WESSELS CB. *Sawmill Performance Analysis: A case study at the Mondi Timber Cape Sawmill*. M.Sc. Houtkunde cum laude, 1997. 166 pp. Studieleier: Prof HF Vermaas.

## Doktoraal lopend/Doctoral current

1. DOMMISSE EJ. *Biomechanical and biochemical pulping of various S.A. grown wood species with a consortium of white-rot fungi*. Ph.D. Promoter: Prof GFR Gerischer.

## Magister lopend/Master's current

1. CERFF CB. *Pre-treatment of wood chips with selected lignin specific fungal strains and its effect on pulp yield and properties as well as chemical consumption of pulping liquors*. Studieleier: Prof GFR Gerischer.
2. ELOFF PJH. *Development of a surface finish classification scheme for South Africa*. Studieleier: Dr T Rypstra.
3. GREENWAY A. *Development and refinement of domestic and industrial absorbents from local paper mill sludges and other industrial by-products*. Studieleier: Prof GFR Gerischer.
4. MOSTERT F. *The physical and thermal properties of sludge/cement composites containing silicates*. Studieleier: Prof GFR Gerischer.
5. MULLER-STEYN M. *Sticky Control with image analysis*. Studieleier: Prof GFR Gerischer.
6. RETIEF JR. *The variation and association of wood properties of Eucalyptus grandis*. Studieleier: Dr. T. Rypstra.
7. SCHEEPERS G. *Fungal pre-treatment as a method to decrease extractive content of Eucalyptus wood*. Studieleier/medestudieleier: Dr B Janse/dr T Rypstra.
8. SEMNARAYAN P. *Implementation of on-line process control of chemicals at the wet-end of a paper machine*. Studieleier: Prof GFR Gerischer.

## NATUURBEWARING / NATURE CONSERVATION

### Tydskrifartikels/Journal articles

1. ARMSTRONG AJ, VAN HENBERGEN HJ. Evaluation of afforestable montane grasslands for wildlife conservation in the north-eastern Cape, South Africa. *Biology Conservation* 1997; **81**: 179-190.
2. ARMSTRONG AJ, VAN HENBERGEN HJ. A Protocol for Wildlife Conservation Planning in an Afforestable Montane Grassland Region. *South African Forestry Journal* 1997; **179**: 29-34.
3. ARMSTRONG AJ, VAN HENBERGEN HJ. A test of the applicability of a wildlife conservation evaluation method to an afforestable region of Mpumalanga. *South African Journal of Wildlife Research* 1997; **27**(2): 75-78.
4. ARMSTRONG AJ, VAN HENBERGEN HJ. Wildlife conservation planning in an afforestation grassland region. *Wood Southern Africa* 1997: 26-28.
5. VAN HENBERGEN HJ. Have first world ecologists contributed to the breakdown of African agricultural systems? *Ecology* 1997; **78**(6): 1936.

### Verrigtinge internasionaal/Proceedings international

1. ARMSTRONG AJ, VAN HENBERGEN HJ. Terrestrial small-mammal communities of the northern Eastern Cape grasslands, South Africa. *Mammalia* 1996; **60**(4): 793-794.
2. VAN WYK E. A pilot study: small mammals in renosterveld vegetation and crop fields of the South African south coast. *Mammalia* 1997; **60**(4): 794-795.

### Referate internasionaal/Papers international

1. ARMSTRONG AJ, VAN HENBERGEN HJ. A protocol for wildlife conservation planning in an afforestable montane grassland region. XXXIII International Union of Game Biologists. Lyon, France, 1997.
2. MARAIS C, VAN HENBERGEN HJ, ECKERT J, BOND W. An economic evaluation of invasive alien eradication in the South Western Cape of South Africa. MEDECOS, San Diego, USA, 1997.
3. PEPLER D. Anthropogenic impacts on Eurasian Hobby Falcons (*Falco subbuteo*) overwintering in Africa. Ecology and protection of Falco subbuteo in modern landscapes in special consideration of the Brandenburg Region. Naturschutzstation Woblitz, Himmelfort, Duitsland, 1997.
4. PEPLER D. Hobby Falcon (*Falco subbuteo*) diet and hunting behaviour in Africa. Ecology and protection of Falco subbuteo in modern landscapes in special consideration of the Brandenburg Region. Naturschutzstation Woblitz, Himmelfort, Duitsland, 1997.
5. VAN HENBERGEN HJ, BERRY MPS. Fifteen years experience of aerial population estimation on a semi-arid game reserve. XXXIII International Union of Game Biologists. Lyon, France, 1997.
6. VAN HENBERGEN HJ, BERRY MPS. Precision and bias of distance-based estimators of African antelope populations. XXXIII International Union of Game Biologists. Lyon, France, 1997.

### Referate nasionaal/Papers national

1. EMSLIE RH. "Rhino" mark-recapture population estimation, an evaluation of its utility after six years of use. South African Statistical Association Annual Conference. Dikhololo, 1997.
2. REILLY BK. Precision, power and the real value of gamecounts in wildlife management. South African Statistical Association Annual Conference. Dikhololo, 1997
3. VAN HENBERGEN HJ. Fifteen years experience of aerial population estimation on a semi arid game reserve. South African Statistical Association Annual Conference. Dikhololo, 1997.
4. VAN WYK E, VAN HENBERGEN HJ. The use of MGA for contraception in *Rhabdomys pumilio* and *Otomys irroratus*. Zoological Society of Southern Africa. Annual Meeting. Cape Town, 1997.

## Magister afgehandel/Master's completed

1. VAN WYK E. *Testing the effects of an oral contraceptive on two plantation rodent pests, the striped mouse (*Rhabdomys pumilio*) and the vlei rat (*Otomys irroratus*) : A laboratory study*. M.Sc (Natuurbeewaring), 1997. 195 pp. Studieleier/medestudieleier: Dr HJ van Hensbergen/prof RC Bigalke.

## Doktoraal lopend/Doctoral current

1. BODBIJL T. *Conservation evaluation of plantation forests*. Ph.D. Promotor: Dr HJ van Hensbergen.
2. EMSLIE RH. *Ecology and Management of the Black Rhinoceros*. Ph.D. Promotor: Dr HJ van Hensbergen.
3. LEE AS. *Community forestry and the Mopane resource*. Ph.D. Promotor: Dr HJ van Hensbergen.
4. MARAIS C. *An economic evaluation of alien eradication in the Western Cape catchments*. Ph.D. Promotor: Dr HJ van Hensbergen.
5. REILLY BK. *Power analysis of helicopter based population estimates*. Ph.D. Promotor: Dr HJ van Hensbergen.

## Magister lopend/Master's current

1. VAN ZYL WJ. *Conservation on Private Land*. M.Sc. Studieleier: Dr HJ van Hensbergen.
2. CUMMING T. *Environmental and social carrying capacity for canoe based tourism on the lower Orange River*. M.Sc. Studieleier: Dr HJ van Hensbergen.
3. LAUBSCHER SJ. *Developing a monitoring system for commercial wildlife population management*. M.Sc. Studieleier: Dr HJ van Hensbergen.
4. HINRICHSSEN E. *An investigation into the use of grass carp for weed control in inland waters*. M.Sc. Studieleiers: Dr HJ van Hensbergen en mnr D Brink.
5. KOTZE JDF. *Using satellite images to monitor vegetation change at the De Hoop Nature Reserve*. M.Sc. Studieleier: Dr N Fairall.

# FAKULTEIT KRYGSKUNDE FACULTY OF MILITARY SCIENCE

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

### Tydskrifartikels/Journal articles

1. BOOYSEN FLeR. Economic development and christianity: The responsibility for basic needs fulfillment. *Tydskrif vir Christelike Wetenskap* 1997; **33**(3&4): 143-149.

### Referate nasionaal/Papers national

1. BLIGNAUT L. *Financial development and reform: Implications for South African financial and monetary policy*. EBM-Navorsingskonferensie. Pretoria, 1997.

### Magister lopens/Master's current

1. OLIVIER A. *Demobilisasie en integrasie van afgelede SANW-lede*. M.Comm. Studieleier: Dr A Roux.
2. OTTO JT. *Die fasiliteringsrol van die militêr tydens die regionale integrasieproses*. M.Comm. Studieleier: Dr A Roux.

## KRYGSGESKIEDENIS / MILITARY HISTORY

### Vaktydskrifartikels/Research articles

1. VISSER GE. Militêre professionalisme en die onderrig van krygsgeskiedenis in die Suid-Afrikaanse Nasionale Weermag: 'n Historiese perspektief. *Scientiae Militaria* 1997; **27**: 15-36.

### Referate internasionaal/Papers international

1. VAN DER WAAG IJ. *Major JGW Leipoldt: A portrait of a South African surveyor and intelligence officer*. Conference of International Federation of Surveyors (FIG). Durban, 1997.

### Hoofstukke in boeke/Chapters in books

1. VAN DER WAAG IJ. The writing of military history in South Africa. In: Nöthling CJ, (ed.). *South African Military Yearbook 1997*. Pretoria, 1997: 5-32.

## MILITÊRE STRATEGIE / MILITARY STRATEGY

### Magister lopens/Master's current

1. RUDMAN L. *Relevance of Special Operations Forces for South Africa into the Twenty First Century*. M.Mil. Studieleier: Prof JS Kotze.

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

### Referate internasionaal/Papers international

1. BEZUIDENHOUT JGH, HUMAN P. *Some misconceptions underlying first-year students' images of basic calculus concepts*. Joint Mathematics Conference by SAMS (South African Mathematical Society), AMS (American Mathematical Society) and SAMSA (Southern African Mathematical Science Foundation). Pretoria, South Africa, 1997.
2. BOUCKAERT HJM. *Transfer distributions of non-linear smoothers*. Joint Mathematics Conference by SAMS (South African Mathematical Society), AMS (American Mathematical Society) and SAMSA (Southern African Mathematical Science Foundation). Pretoria, South Africa, 1997.



# SENTRUM VIR MILITÊRE STUDIE / CENTRE FOR MILITARY STUDIES

## Vaktydskrifartikels/Journal articles

1. HEINECKEN L. 1997. No unions, we're the SANDF! But what's the alternative? *African Security Review* 1997; **6**(6): 19-27.
2. HEINECKEN L. Soldiers in unions: A democratic imperative or threat to national security? *Strategiese Oorsig vir Suider-Afrika/Strategic Review for Southern Africa* 1997; **19**(1): 57-86.
3. HEINECKEN L, CILLIERS J, SCHUTTE C, LIEBENBERG I, SASS B. Public attitudes regarding women and language usage in the SANDF. *African Security Review* 1997; (3): 3-14.
4. HEINECKEN L, LIEBENBERG I, MALAN M, CILLIERS J, SASS B. South African public attitudes on participation in peacekeeping, personnel issues and labour relations in the military. *African Security Review* 1997; **6**(6): 3-18.
5. KHANYILE MB. Espionage and democracy: Reflections on South Africa. *Strategiese Oorsig vir Suider-Afrika/Strategic Review for Southern Africa* 1997; **19**(1): 87-113.
6. KHANYILE MB. The ethnic factor in the South African National Defence Force: Recruitment strategies revisited. *Politeia* 1997; **16**(1): 78-98.
7. MATTHEE H. Theoretical reflections on Africanisation and civilian control of the military. *Strategiese Oorsig vir Suider-Afrika/Strategic Review for Southern Africa* 1997; **19**(2): 35-51.
8. NEETHLING TG. Scientific research and its relevance in the public sector: A basic framework. *SANW Bulletin vir Opvoedkundige Tegnologie* 1997: 149-155.
9. NEETHLING TG. The South African military and the agenda for regional peace. *RUSI Journal* 1997; **October**: 51-55.
10. NEETHLING TG. The South African military and peace support operations. *Indicator South Africa: Crime and Conflict* 1997; **10**(Spring): 15-17.
11. NEETHLING TG. Supporting peace in Africa. *Salut* 1997; **4**(10): 34-35.

## Referate internasionaal/Papers international

1. HEINECKEN L. *Is selfless service becoming a misplaced service ethic? Attitudes of officers serving in the South African National Defence Force.* Congress of Inter-University Seminar for Armed Forces and Society. Baltimore, Maryland, 1997.

## Referate nasionaal/Papers national

1. DU PLESSIS L. *Historical roles of sub-Saharan armed forces.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.
2. HAEFELE B. *The role of the SANDF in internal security.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.
3. HEINECKEN L. *No unions we're the SANDF. But what's the alternative?* Congress of South African Sociological Association. Umtata, 1997.
4. HEINECKEN L, VAN DYK G. *Coping with integration: A socio-psychological toolkit for armed forces in Southern Africa.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.
5. KHANYILE MB. *Accountability and oversight of the new South African intelligence community: A preliminary assessment.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.
6. KHANYILE MB. *The ethnic factor in the South African National Defence Force: Recruitment strategies revisited.* Conference on Identity?: Theory, Politics and History, organised by the French Institute of South Africa, the Foundation for Global Dialogue and the Human Sciences Research Council. Pretoria, 1997.
7. KHANYILE MB. *Towards co-operation of intelligence communities in Southern Africa: Prospects and obstacles.* Congress of South African Sociological Association. Umtata, 1997.
8. MATTHEE H. *Civilian control of the military in South Africa.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.
9. NEETHLING TG. *The prospects of South African involvement in peace support operations in Africa: Challenges and considerations.* Kongres van die Suid-Afrikaanse Vereniging vir Politieke Studies. Mmabatho, 1997.

## Navorsingsverslae/Research reports

1. DU PLESSIS L. *The internal and external functions of sub-Saharan armed forces during the first decades of independence.* Semis en Issup, 1997. 35 pp.
2. DU PLESSIS L. *A model for evaluating the operational capabilities of sub-Saharan armed forces.* Semis en Issup, 1997. 34 pp.
3. DU PLESSIS L. *Protecting sub-Saharan Africa: The challenge of effective maritime defence.* Semis en Issup, 1997. 39 pp.
4. HAEFELE B. *The role of the South African National Defence Force in internal security.* Semis en Issup, 1997. 18 pp.
5. HEINECKEN L. *Gender equality in the South African National Defence Force: Issues and views.* Semis and Defence Management Programme, University of Witwatersrand, 1997. 10 pp.
6. HEINECKEN L. *The socio-political force field of military unionism: The pressures and challenges upon the SANDF.* Semis en Afrika Instituut, 1997. 18 pp.
7. HEINECKEN LPT, CILLIERS J. *Post-modernism and the South African National Defence Force.* Semis en IVB, 1997. 45 pp.

8. NEETHLING TG. *Scientific inquiry and research methodology: A basic framework*. Semis en SALMK SBS, 1997. 12 pp.

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

1. HEINECKEN LPT. *The soldier as an employee - The compatibility of employee rights with military service*. M.Mil., 1997. Studieleiers: Proff A Seegers en J Maree (UK).

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

1. KHANYILE MB. *The intelligence community in South Africa: Structures and political accountability*. M.Mil. Studieleier: Prof HJ Kotzé.

# FAKULTEIT TANDHEELKUNDE FACULTY OF DENTISTRY

## AFDELING DIAGNOSTIEK EN KLINIESE OPLEIDING (waarby ingesluit die Afdeling Mondhigiëne en die Afdeling Maksillofasiale Anesthesiologie) / DIVISION OF DIAGNOSIS AND CLINICAL EDUCATION (including the Division of Oral Hygiene and the Division of Maxillo-facial Anaesthesiology)

### Tydskrifartikels/Journal articles

1. ROELOFSE JA. Accidental oesophageal intubation in a child with Treacher-Collins syndrome: Report of a case. *Geneeskunde* 1997; **39**(4): 26-29.
2. ROELOFSE JA, ROELOFSE PGR. Oxygen desaturation in a child receiving a combination of ketamine and midazolam for dental extractions. *Anesthesia Progress* 1997; **44**(2): 68-70.
3. ROELOFSE JA, VAN DER WESTHUIJZEN AJ. Anesthetic management of a patient with Barter's syndrome undergoing orthognatic surgery. *Anesthesia Progress* 1997; **44**(2): 71-75.

### Verrigtinge internasionaal/Proceedings international

1. ROELOFSE JA, LOUW LR, ROELOFSE PGR. *A double-blind randomised comparison of oral trimeprazine/methadone and oral ketamine/midazolam for sedation of paediatric dental patients.* European Society of Anaesthesiologists Annual Congress. Lausanne, Switzerland, 1997; *British Journal of Anaesthesia* 1997; (Suppl. 78): 101.

### Referate nasionaal/Papers national

1. ROELOFSE JA. *Conscious sedation in medical and dental practice.* Congress: Association of General Practitioners. East London, 1997.

### Magister lopend/Master's current

1. THEOLOGIDES M. *A double-blind, randomised, placebo-controlled clinical study to investigate the efficacy and safety of Trama<sup>R</sup> drops and midazolam in children undergoing dental extractions under general anaesthesia.* M.Sc. in Tandheelk. Wet. Studieleier: Prof JA Roelofse.

## GEMEENSKAPSTANDHEELKUNDE / COMMUNITY DENTISTRY

### Tydskrifartikels/Journal articles

1. BRAND AA, CHIKTE UME. Student attitudes to dentistry in South African dental schools. *Journal of the Dental Association of South Africa* 1997; **52**: 713-720.
2. CHIKTE UME. Promoting oral health in South Africa: Public perceptions of water fluoridation. *Journal of the Dental Association of South Africa* 1997; **52**: 665-671.

### Verrigtinge internasionaal/Proceedings international

1. BRAND AA, CHIKTE UME. *Social sciences and dental education.* 6th World Congress on Preventive Dentistry. Cape Town, South Africa, 1997: 49.
2. CHIKTE UME. *Water fluoridation - the South African perspective.* 6th World Congress on Preventive Dentistry. Cape Town, South Africa, 1997: 28.
3. CHIKTE UME, JOSIE-PEREZ AM. *Industrial dental erosion: a cross-sectional, comparative study.* *Journal of Dental Research* 1997; (76): 430.
4. LEWIS HA, CHIKTE UME, VILJOEN E, RUDOLPH MJ. *Improvement of gingival health through scaling and polishing and tooth-brushing.* 6th World Congress on Preventive Dentistry. Cape Town, South Africa, 1997: 115.

## Verrigtinge nasionaal/Proceedings national

1. DREYER WP, ROSSOUW LM, CHIKTE UME. *Clinical oral health personnel planning for South Africa, 2010*. XXXI Scientific Session of the SA Division. South African Division of the International Association of Dental Research. Cape Town, 1997: 95.
2. LEWIS HA, CHIKTE UME, VILJOEN E, RUDOLPH MJ. *Indicator teeth and disease status in sextant using the CPITN*. XXXI Scientific Session of the SA Division. South African Division of the International Association of Dental Research. Cape Town, 1997: 81.
3. LOUW AJ, CHIKTE UME. *Perceptions of fluorosis in the Northern Cape Province, South Africa*. XXXI Scientific Session of the SA Division. South African Division of the International Association of Dental Research. Cape Town, 1997: 65.

## Referate internasionaal/Papers international

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