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PREFACE

This report outlines the extent and quality of our research outputs for 2008. Rhodes possesses an admirable research milieu and culture that provides the space for intellectual development, debate, and the flourishing of ideas. As the smallest university in South Africa, we take special pride in Rhodes University having amongst the highest per capita research outputs. One of the core goals of a university is to produce knowledge, a public responsibility that Rhodes takes very seriously, and we continuously seek new opportunities to do so.

Many of Rhodes University’s academics, departments, institutes, centres, and units are at the leading edge of research and are actively advancing knowledge in a range of disciplines and fields. During 2008, Rhodes launched three new centres. The DST/Mintek Nanotechnology Innovation Centre (Sensors) was founded under the directorship of Professor Tebello Nyokong; the Centre for Higher Education Research, Teaching & Learning, was formed out of a much expanded Academic Development Centre, under the leadership of the Dean of Teaching and Learning, Professor Chrissie Boughey; and the Centre for the Study of Democracy was launched under the leadership of Professor Stephen Friedman as a joint venture of Rhodes and the University of Johannesburg.

A second DST/NRF South African Research Chair was launched in the field of Marine Biology, with Professor Christopher McQuaid as its incumbent. Rhodes’s first DST/NRF Chair, Professor Tebello Nyokong, in the area of Medicinal Chemistry and Nanotechnology, had an outstanding year, with accolades coming from a range of sources. She was officially recognized by the National Research Foundation as one of the most productive researchers in the country with 35 ISI indexed journal papers published during the year, an extraordinary achievement by anyone’s standard, and with a large number of additional accredited outputs by her and her group during the year.

In the area of the creative arts, Mrs Janet Buckland of our Drama Department won special recognition as the recipient of the national Woman of the Year award promoted by Shopright-Checkers and SABC 2, in both the Arts and culture section and as the overall recipient. Professor Fackson Banda of our Journalism Department won the 2008 MISA (Media Institute of Southern Africa) Press Freedom Award. In the Geology Department, Professor Goonie Marsh was awarded the Geological Society of South Africa’s highest scientific award, the Draper Memorial Medal, in recognition of his outstanding contribution to geological sciences in general, and particularly for his research work in the petrology of volcanic rocks and igneous provinces in South Africa.

The Vice-Chancellor's Distinguished Senior Research Award for 2008 went to Professor Peter Vale of the Department of Political and International Studies, for the national and international impact of his scholarly activities over a sustained period. The Vice-Chancellor's Book Award for 2008 went to Professor Dan Wylie of the Department of English, for *Myth of Iron - Shaka in History* (UKZN Press, 2008).

Rhodes postgraduates continue to excel in winning prestigious international and local scholarships, including the Rhodes (Oxford), Mandela Rhodes, Flanagan, Commonwealth, and Fulbright.

A major challenge facing South African Universities is the development of a new generation of teacher-scholars, one that Rhodes University has been engaging with for a number of years. We acknowledge the strong support of the Mellon Foundation, which has assisted us in creating a focused programme aimed at cultivating a new generation of black and women researchers, and in making a contribution towards transforming our academic body in the process. I am pleased to be able to announce that the Kresge Foundation has agreed to fund this initiative for a further four years.

I extend my congratulations and thanks to all of our researchers, collaborators, funders, donors, and partners who contributed to making 2008 a year in which research at Rhodes University flourished. Your expertise, dedication, rigour and generosity make Rhodes University the rich and distinctive intellectual space that it is.

**Dr Saleem Badat**
Vice-Chancellor
INTRODUCTION

Rhodes University maintained and improved its track record of research performance in 2008, in terms of both quality and quantity of outputs. It is particularly satisfying to note that this was achieved against the backdrop of substantial financial constraints and changes in the funding programmes of the National Research Foundation, a primary source of funding for researchers at Rhodes, which produced significant discontinuities in funding for several established researchers.

It is further satisfying to note the substantial year-on-year growth in accredited outputs from 2007 to 2008 of 20.3% at Rhodes University (from 274.38 units to 330.02 units) which is significantly above the 7.8% growth for the sector as a whole in the same period. Growth in research output is seldom linear, so a three year average might be regarded as a more steady state indicator – which for Rhodes shows a 30.6% growth (over the period 2005 to 2008) in relation to the national total growth of 15.5%.

Our journal output, (which accounts for 87% of our total accredited publishing output for higher education subsidy purposes) grew by 11.3% from 2007 to 2008 (from 258.68 units to 287.82 units). Big contributing factors here were a peak in contributions during 2008 by Prof Nyokong’s highly productive group, and heightened productivity from several other prolific researchers.

Our output from accredited conference proceedings, (which in 2008 amounted to 10% of our total accredited publishing output) grew by 202% (from 11 units up to 33.22 units) from 2007 to 2008 – but from a small base where more year-on-year variance can be expected. A small contributing factor here was a slight increase in submissions, and a large contributing factor was a vastly improved rejection rate. The staff responsible for this process in the Research Office, and the researchers who made the submissions, are to be warmly congratulated for this improvement.

The book outputs (which in 2008 amounted to 3% of our total accredited publishing output) increased by 91% – again from a very small base (from 4.7 units up to 8.89 units), which had seen a negative growth in the preceding year, so the figures in this category cannot be taken to represent a trend.

I add my warm thanks and congratulations to all of our researchers, funders, collaborators and partners who contributed to the excellent research results of 2008. I also acknowledge and thank Professor John Duncan who retired early in 2008, for his enormous contributions to growing research at Rhodes University in his ten years as Dean of Research, and for remaining an active research role model during his term of office.

Dr Peter Clayton

Deputy Vice-Chancellor: Research and Development
Rhodes University acknowledges, congratulates, and thanks the following high achievers for their accredited research outputs in the 2008 academic year:

Prof Rose Boswell
Prof Greg Blatch
Prof Rosemary Dorrington
Prof Nigel Barker
Prof Tebello Nyokong
Prof Heila Lotz-Sisitka
Prof Marc Schafer
Prof Dan Wylie
Prof Charlie Shackleton
Prof Kate Rowntree
Dr Andrew Todd
Prof Chris Mann
Prof Laurence Wright
Prof Denis Hughes
Prof Izzy Kanfer
Prof Louise Vincent
Prof Dave Edwards
Prof Christopher McQuaid
Prof Martin Hill
Prof Martin Villet
Prof William Froneman

Anthropology
Biochemistry, Microbiology & Biotechnology
Biochemistry, Microbiology & Biotechnology
Botany
Chemistry
Education
Education
English
Environmental Science
Geography
Human Kinetics & Ergonomics
Institute for the Study of English in Africa
Institute for the Study of English in Africa
Institute for Water Research
Pharmacy
Political & International Studies
Psychology
Zoology & Entomology
Zoology & Entomology
Zoology & Entomology
Zoology & Entomology
ACCOUNTING

The Department of Accounting continued to develop its research profile in 2008. Lilla Stack continues to serve as Extraordinary Professor at the University of Pretoria and acts as supervisor to their staff members pursuing doctoral studies. Lilla is also responsible for the course in research methodology and design and the two research based postgraduate courses in the department. She continues to serve as a member of the Special Consumer Court and also sits on the Advisory Board to the Financial Services Board and the Board and Audit and Finance Committee of the Water Research Commission. Lilla and John Williams co-authored three chapters and John Williams one chapter of the book “Principles of Management Accounting – A South African Perspective”. Lilla and John were contributors to the book “Principles of Management Accounting – The Question Book”.

Matthew Lester continues to lecture on taxation issues to a wide audience around the country and acts as advisor to the Commissioner for Inland Revenue. He continues to write a weekly column for the Business Times. Matthew presents the annual income tax update offered by the South African Institute of Chartered Accountants.

Lilla Stack, John Williams, Jenni Pretorius and Peta Bezuidenhout all presented papers at the Southern African Accounting Association (SAAA) national conference held at Emperor’s Palace, Johannesburg from 25 – 27 June 2008. The eight papers presented by members of the Department represented the largest number of papers presented by one university, despite our department being one of the smallest Departments of Accountancy in South Africa. Peta Bezuidenhout also presented a paper at the 2008 Higher Education Social Scene conference in Grahamstown from 1 -3 December 2008.

Lilla Stack, Kevin Maree, Jonathan Lancaster, John Williams and Jenni Pretorius all served on the East Cape regional committee of the SAAA and Kevin Maree served on the National Committee.

In 2008 the Department graduated the following:
2 Masters in Taxation
23 Postgraduate Diploma in Accounting
23 Postgraduate Diploma in Taxation (5 with distinction)
1 BCom Honours in Financial Accounting

PROFESSOR JOHN WILLIAMS
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Stack, L and Williams, J.


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Bezuidenhout, L.P.

Foster, R and Stack, L.

Pretorius, J.


Stack, L.

Stelloh, M and Stack, L.

Williams, J.

**DISTINGUISHED VISITORS**

Lester, M

<table>
<thead>
<tr>
<th>POSTGRADUATE SUBSIDY UNITS</th>
<th>2008 GRADUATES</th>
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<tbody>
<tr>
<td>SUPERVISOR</td>
<td>STUDENT</td>
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<tr>
<td>Stack</td>
<td>Bunting</td>
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<tr>
<td>Stack</td>
<td>Mtshawulana</td>
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</tbody>
</table>
ANTHROPOLOGY

Professor Robin Palmer, Head of Department, devoted most of his research time in 2008 to two stints of fieldwork and much advisory involvement in a baseline study for the Siyakhula Living Lab project. The SLL is a pathbreaker in its field, an initiative of the Computer Science departments at Rhodes and Fort Hare partly funded by Telkom and the Finnish government. The only output thus far was a paper Palmer read at the annual conference of his professional association, Anthropology Southern Africa, in August to which he escorted three of his department’s postgraduate students who also read papers. The paper was entitled: ‘Addressing the ‘Digital Divide’ at Dwesa: The Anthropologist and the ‘Living Lab.’ A master’s student he supervised, Leigh Hildyard, graduated in April. He continued to be External Examiner for anthropology departments at two universities: University of Pretoria and University of Johannesburg.

Professor Chris de Wet chaired a session and presented a paper at the Society for Applied Anthropology Annual Conference in Memphis, USA, in March. A fuller version of his paper will appear as “The Ambiguities of Using Restitution as a Vehicle for Development: an Eastern Cape Case Study”, in A.Bohlin, R.Hall, T.Kepe, and C.Walker (eds). Land, Memory, Reconstruction and Justice: Perspectives on Land Restitution in South Africa. Athens, Ohio: Ohio University Press. In May he was involved in a Teach In on “Rethinking the African Diaspora”, which was hosted on Rhodes campus by the Anthropology Department and the International Office. Speakers were from India, the USA, Wits and the Rhodes Anthropology Department. De Wet was the principal organiser of the event.

In June, Prof de Wet read a paper at the Monica Wilson Centenary Conference on the Hogsback. Participants came from the UK and the USA, as well as from South Africa. A reworked version of the paper, entitled “Continuity and Change over Sixty Years at Household Level in a Rural South African Village” is in press in Africa Review (Delhi), to appear in June 2009. On sabbatical in the second semester, he represented South Africa at the Second IBSA Academic Seminar in Florianopolis, Brazil, in August making a presentation on Sustainable Development. In the same month, together with Mr Greg Huggins a development consultant, he held a week-long training workshop on “How to Achieve Better Resettlement Outcomes in Development Projects”, which was attended by 22 delegates from southern Africa.

Prof de Wet spent September and October in The Netherlands, based at the University of Wageningen, doing research and working through his field data to develop a framework for a book based on his research in the Keiskammahoek District. In December he went to New Zealand to read a paper at the annual conference of the Association of Anthropologists of the Commonwealth. The paper was entitled “State Interventions and Local Responses: Changing Local Evaluations of Land over Time in a South African Rural Settlement.”

Dr Rose Boswell (promoted during the year to Associate Professor) had one book and five papers published in 2008. Her sole-authored book on heritage management was published by CODESRIA (Dakar) and she had a further three sole-authored papers published in SAPSE accredited journals. Dr Boswell presented papers at two international conferences, one in Mauritius and another in Portugal. She was invited as part of a team of four international experts to present papers on diaspora issues at the Rhodes University African Diaspora Teach-in. In terms of research awards, Boswell was awarded a postdoctoral grant by the Organisation for Social Science Research in Eastern and Southern Africa (OSSREA), to do research on tourism and women’s cultural heritage in Zanzibar and Comoros Islands. She supervised two Masters degree students, one of whom submitted her thesis in January 2009. Beyond these outputs, in 2008 she has: worked as an external examiner for two universities (University of Cape Town and Walter Sisulu University), become the co-editor of the Journal of Contemporary African Studies, completed the Rhodes Certificate in Strategic Management and CASRA’s Monitoring and Evaluation Course for Programme Managers. Boswell wrote a cultural heritage management plan (CHMP) for the Integrated Resorts Scheme at Corniche Bay in Mauritius, represented the Anthropology Department at two university wide meetings, one convened by the American Council of Learned Societies (ACLS) and the other by representatives from Jinan University, China. She spent part of 2008 upgrading and managing the departmental website and setting up in-house art and material culture displays.

Penny Bernard continued to spend most of her time spare from teaching on writing her Ph.D. She had sabbatical leave in the first semester that allowed her to make good progress with the task and by the end of the year the project was almost ready. Otherwise, she published a chapter based on the central concern of her thesis in Deep Blue:

Ms Joy Owen devoted most of her research time to her Ph.D. She presented the paper ‘Suspending disbelief, anxiety and doubt – Engaged, Intuitive and Embodied Teaching in Anthropology’ at the conference ‘Higher Education as a Social Space’, held at Rhodes University in December.


PROFESSOR ROBIN PALMER
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Bernard,PS

Boswell,MJR


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Ainslie,A

Boswell,MJR


De Wet,CJ
Krige,PFD

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

De Wet,CJ

Owen,JN

Palmer,RCG

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Bernard,PS

Boswell,MJR


De Wet,CJ


Krige, PFD

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Boswell, MJR

INTERNATIONAL VISIT

De Wet, CJ
De Wet, CJ. Institute of Social Studies, The Hague, The Netherlands. To discuss own ongoing research with a specialist in the field, particularly as it relates to development ethics. 7 September - 4 November 2008.

De Wet, CJ. Department of Rural Sociology, University of Wageningen, The Netherlands. Theoretical and general reading and discussion with colleagues around own empirical research, conceptualisation and initial writing towards working my material into book form. 7 September - 4 November 2008.

De Wet, CJ. University of the Witwatersrand, Johannesburg, South Africa. Keynote speaker at the 'Teach-in week on rethinking the African diaspora'. May 2008.

De Wet, CJ. Jawaharlal Nehru University, New Delhi, India. Keynote speaker at 'Teach-in week on rethinking the African diaspora'. May 2008.


JOURNAL SUBSIDY UNITS

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<tr>
<td>Ainslie, A</td>
<td>Davis, JK, Ainslie, A and Finca, A. &quot;Coming to grips with 'abandoned arable' land in efforts to enhance communal grazing systems in the Eastern Cape province, South Africa&quot;. African Journal of Range and Forage Science. 2008. 25(2),55-61.</td>
<td>0.34</td>
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<tr>
<td>Boswell, MJR</td>
<td>Boswell, MJR. &quot;Integrating leisure: the case of an integrated resort scheme in Mauritius&quot;. Africa Insight. 2008. 38(1),146-159.</td>
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<td></td>
<td>Boswell, MJR. &quot;Sexual practices and sensual pleasures in Zanzibar&quot;. Anthropology Southern Africa. 2008. 31(1&amp;2),70-84.</td>
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<tr>
<td>De Wet, CJ</td>
<td>De Wet, CJ. &quot;Reconsidering displacement in southern Africa&quot;. Anthropology Southern Africa. 2008. 31(3&amp;4),114-122.</td>
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### POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES

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### CONFERENCE PROCEEDINGS SUBMITTED FOR POSSIBLE SUBSIDY

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<td>World heritage and Sustainable development</td>
<td>Marketing heritage and making memory in Mauritius: a further discussion of the Le Morne case</td>
<td>Boswell R</td>
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### BOOKS SUBMITTED FOR POSSIBLE SUBSIDY

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<tr>
<td>Challenges to identifying and managing intangible cultural heritage in Mauritius and Zanzibar and Seychelles</td>
<td>Whole book</td>
<td>Boswell, MJR</td>
</tr>
<tr>
<td>Deep blue: critical reflections on nature, religion and water</td>
<td>The fertility goddess of the Zulu: reflections on a calling to Inkosaz</td>
<td>Bernard, PS</td>
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BIOCHEMISTRY, MICROBIOLOGY & BIOTECHNOLOGY

The year started on a high note with the department hosting the Bio-08 Conference (21-25 January), with more than 700 delegates from academia, industry and the public sector, the largest national conference of the decade. The meeting involved the South African Society of Biochemistry and Molecular Biology (SASBMB), South African Society of Microbiology (SASM) and Biotech SA. Prof Rosemary Dorrington, Dr Brett Pletschke, Dr Jo Burgess and Dr Jo Dames formed the core of the organizing committee working with colleagues from NMMU and the University of Fort Hare. They hosted this conference in the 1820 Settlers’ Monument. There was a strong contingent of staff and students from the department presenting posters and talks. Fifteen top international scientists presented their research during the conference. Notably, Professor Thomas Wileman was hosted by Dr Caroline Knox, and delivered a plenary lecture at the conference. Professor Wileman holds a Chair of Virology at the University of East Anglia, and during his visit he spent valuable time discussing his collaborative research with Dr Knox.

The department made a major impact at graduation when they recorded 17 Honours, 9 Masters and an unprecedented 11 PhD graduates. Furthermore, Dr Jo Burgess was awarded the Vice Chancellor’s Distinguished Research Award at the science graduation. Staff across all three disciplines continue to be actively engaged in research with strengths in agricultural and conservation biotechnology (Dr Dames, and Dr Wilhelmi), nanobiotechnology (Dr Limson), environmental enzymology (Dr Pletschke, and Prof Whiteley) and human and animal health (Prof Blatch, Prof Dorrington, Dr Boshoff, Dr Knox and Dr Wilhelmi).

The department continues to have strong research collaborations with the Department of Chemistry through the National Research Foundation (NRF) Research Niche Area in Biomolecular Interactions (Prof Kaye), the Nanotechnology Innovation Centre (Prof Nyokong) and the Centre for Chemico- and Biomedical Research (Prof Davies-Coleman, Prof Kaye, and Prof Nyokong). There are also ongoing research collaborations with the Environmental Biotechnology Rhodes University Institute (EBRU; Prof Cowan), and staff in the Departments of Zoology and Entomology (Prof Hill), Statistics (Prof Jäger) and Pharmacy (Dr Beukes).

The department hosted Professor Kazuo Sakka and Dr Makiko Sakka from the Graduate School of Bioresources at Mie University, Tsu, Japan. These visits were part of a two-year collaborative NRF-JSPS (Japanese Society for the Promotion of Science) funded programme between Dr Brett Pletschke and Prof Sakka at Mie University. Dr Pletschke and PhD student Ms Susan van Dyk also presented papers at the MIE Bioforum 2008 conference (September, Japan). Dr Pletschke is well established in the field of cellulose and biofuels research, and was successfully rated as a scientist through the NRF system of peer-review. Professor Chris Whiteley was also successfully rated by the NRF, and continued with his research collaboration with South China University of Technology jointly sponsored by the NRF and the Chinese Academy of Sciences. Two Chinese MSc students, Deng Qing Yi and Song Yan from the School of Biosciences and Bioengineering, spent 3 months working with him and Dr Aileen Boshoff. Prof Whiteley was an invited speaker at a training workshop for Environmental Engineers held by the National Taiwan University in Taipei in September. He was also an invited speaker at a specialist meeting on Sulphur Biotechnology, sponsored by the Royal Society of Chemistry and Shell (November, UK).

Professor Blatch’s research laboratory was recognized by Rhodes University as a research unit, and named the Biomedical Biotechnology Research Unit (BioBRU). Members of BioBRU presented their research at international conferences and conducted research visits to international institutions. Notably, Ms Botha (PhD student) was awarded the IUBMB Wood-Whelan Travel Award to spend three months in the laboratory of Prof Jeffrey Brodsky (University of Pittsburgh, USA). Prof Blatch and Dr Addmore Shonhai were invited by the DFG (Germany) to prepare a full DFG project grant for submission to the German-African Cooperation Projects in Infectology Programme. They travelled to Germany to meet and write with their collaborators Prof Klaus Lingelbach and Dr Jude Pryzboraski (University of Marburg). Prof Blatch was awarded the SASBMB Gold Medal for 2008 in recognition for his contribution to the discipline of biochemistry, and he was invited to present a plenary lecture at the Bio-08 conference. He was also elected a Fellow of the Royal Society of South Africa.

As in previous years, a number of workshops were held throughout the year. In particular, Dr Limson ran a regional QCMD Workshop, Prof Dorrington held a number of regional Confocal Microscopy Workshops for beginners and advanced users, and Prof Blatch ran an NBN-funded regional Bioinformatics Workshop. The year ended as it had started, on a high note, when we received the good news of the success of Prof Dorrington’s application to the NRF.
Equipment Programme for an upgrade of the confocal microscope. We can look forward in 2009 to having a confocal microscope with live-imaging capacity, which opens numerous avenues for exciting novel experiments.

PROFESSOR ROSIE DORRINGTON
HEAD OF DEPARTMENT AND DEPUTY DEAN OF SCIENCE

BOOKS/CHAPTERS/MONOGRAPHS

Blatch, GL

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Beukes, N and Pletschke, BI

Blatch, GL and Daniel, S

Blatch, GL and Stephens, LL

Boshoff, A, Stephens, LL and Blatch, GL

Brand, JM

Burgess, JE

Burgess, JE and Pletschke, BI

Dairam, A, Fogel, R and Limson, JL

Daniel, S, Bradley, G, Longshaw, VM and Blatch, GL
Hawley, GL and Dames, JF

Igbine, EE, Atkins, S, van Breugel, Y, van Dyke, S and Rose, PD

Jiwaji, M, Matcher, GF and Dorrington, RA

Mack, CL, Wilhelmi, BS, Duncan, JR and Burgess, JE

Manipura, A and Burgess, JE

Moore, BA, Duncan, JR and Burgess, JE
Moore, BA, Duncan, JR and Burgess, JE. "Fungal bioaccumulation of copper, nickel, gold and platinum". Minerals Engineering. 2008. 21,55-60.

Mutanda, T, Wilhelmi, BS and Whiteley, CG

Pesce, E-R, Nicoll, WS, Shonhai, A and Blatch, GL

Pletschke, BI

Rashamuse, KJ, Mutambanengwe, CCZ and Whiteley, CG

Roman, H, Madikane, M and Rose, PD

Shonhai, A, Botha, M, Boshoff, A and Blatch, GL

Southgate, G and Schubert, M
Strong, PJ and Burgess, JE


Togo, CA and Limson, JL


Togo, CA, Mutambanengwe, CCZ and Whiteley, CG


Walter, CT, Tomasicchio, M, Hodgson, V and Dorrington, RA


Whiteley, CG


OTHER PUBLICATIONS

Pletschke, B, Togo, CA, Wutor, V and Limson, JL


Rose, PD


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Abboo, S and Pletschke, BI


Adeleke, RA and Dames, JF

Beukes, N and Pletschke, BI

Blatch, GL


Blatch, GL, Goble, JL and Stephens, LL

Bodill, TL, Pesce, E-R and Blatch, GL

Botha, M and Blatch, GL

Brand, JM, Bulani, SI, SI, Kgopa, AH and Wilhelmi, BS

Brimecombe, RD and Limson, JL

Bulani, SI, Kgopa, AH, Yasvoin, T, Brand, JM and Wilhelmi, BS

de la Mare, JA, Jiwaji, M, Dorrington, RA and Matcher, GF

Flanagan, SP and Limson, JL

Fogel, R and Limson, JL
Frith,K-A and Limson,JL


Gentz,PM, Blatch,GL and Dorrington,RA

Goble,JL, Shonhai,A, Stephens,LL and Blatch,GL

Govender,Y and Whiteley,CG

Ike-Izundu,N and Dames,JF

Jiwaji,M and Dorrington,RA

Lawson,JC, Pesce,E-R and Blatch,GL

Limson,JL


Longshaw,VM, Setati,MM and Blatch,GL

Louw,CA and Blatch,GL

Mukasa-Mugerwa, TT and Dames, JF

Mutanda, T, Wilhelmi, BS and Whiteley, CG

Nemukula, A and Whiteley, CG

Nikolic, D, Dames, JF and Hawley, GL

Niland, MJ and Limson, JL

Prinsloo, E and Blatch, GL

Riddin, TL and Whiteley, CG

Rose, PD

Seobi, T and Dames, JF

Seobi, T and Dames, JF

Short, JR, Knox, C and Dorrington, RA
Togo, CA and Whiteley, CG

Van Dyk, JS and Pletschke, BI

White, C, Dames, JF and Hawley, GL

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS AND ATTENDANCE)

ii. International Conferences

Botha, M and Blatch, GL


Brimecombe, RD and Limson, JL
Brimecombe, RD and Limson, JL. "Fabrication of a dual purpose whole-cell biosensor for the monitoring and biodegradation of 2,4-dimethylaniline, a recalcitrant and toxic metabolite of the pesticide amitraz". Tenth World Congress on Biosensors. Shanghai International Convention Centre, Shanghai. China. May 2008.

Dames, JF

Fogel, R and Limson, JL

Gentz, PM, Blatch, GL and Dorrington, RA

Goble,JL, Prasad-Vijayan,PR, Stephens,L and Blatch,GL

Limson,JL and Fogel,R

Short,JR, Knox,C and Dorrington,RA

Togo,CA, Wutor,V, Pletschke,BI and Limson,JL

Van Dyk,JS and Pletschke,BI

Walter,CT and Dorrington,RA

**PATENTS (FINAL AND PROVISIONAL)**

Longshaw,VM and Blatch,GL

**CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS**

Blatch,GL

Dames,JF


Edkins,AL
Limson, JL

Whiteley, CG

INTERNATIONAL VISIT
Blatch, GL and Shonhai, A
Blatch, GL and Shonhai, A. University of Marburg, Marburg, Germany. DFG-funded research visit for the purpose of completing the writing and submission of a full DFG grant with German collaborators, Prof Klaus Lingelbach and Dr Jude Pryzborski. 6 - 14 June 2008.

Dorrington, RA

Pletschke, BI and Van Dyk, JS
Pletschke, BI and Van Dyk, JS. Mie University, Tsu, Japan. Collaborative research visit to conduct research on Bacillus multienzyme complexes and their associated cellulases and hemicellulases as part of SA-JAPAN Scientific Cooperation Programme. 1 - 12 September 2008.

Whiteley, CG


Whiteley, CG. National Taiwan University, Taipei, Taiwan. Invited lecturer, international training programme, enzyme biotechnology & sustainable energy. 14 - 19 September 2008.


DISTINGUISHED VISITORS
Bradley, G

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Blatch, GL and Daniel, S
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<td>Gordon, AK, Blatch, GL, Daniel, S and Muller, WJ</td>
<td>&quot;Stress protein responses in South African freshwater invertebrates exposed to detergent surfactant linear alkylbenzene sulfonate (LAS)&quot;</td>
<td>Water Air and Soil Pollution</td>
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<td>&quot;The effects of increased freshwater inflow on metal enrichment in selected Eastern Cape estuaries, South Africa&quot;</td>
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<td>Daniel, S, Bradley, G, Longshaw, VM and Blatch, GL</td>
<td>Daniel, S, Bradley, G, Longshaw, VM, Soti, C, Csermely, P and Blatch, GL</td>
<td>&quot;Nuclear translocation of the phosphoprotein Hop (Hsp70/Hsp90 organizing protein) occurs under heat shock, and its proposed nuclear localization signal is involved in Hsp90 binding&quot;</td>
<td>Biochimica et Biophysica Acta</td>
<td>2008, 1783,1003-1014</td>
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<td>Hawley, GL, Taylor, AFS and Dames, JF</td>
<td>&quot;Ectomycorrhizas in association with Pinus patula in Sabie, South Africa&quot;</td>
<td>South African Journal of Science</td>
<td>2008, 104(7/8),273-283</td>
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<td>Mack, CL, Wilhelmi, BS, Duncan, JR and Burgess, JE</td>
<td>Mack, CL, Wilhelmi, BS, Duncan, JR and Burgess, JE</td>
<td>&quot;A kinetic study of the recovery of platinum ions from an artificial aqueous solution by immobilized Saccharomyces cerevisiae biomass&quot;</td>
<td>Minerals Engineering</td>
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<td>&quot;Biological nitrogenous compound removal and subsequent rhodium recovery from simulated metal refinery wastewater&quot;</td>
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<td>Mutanda, T, Wilhelmi, BS and Whiteley, CG</td>
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<td>&quot;Response surface methodology: synthesis of inulooligosaccharides with an endoinulinase from Aspergillus niger&quot;</td>
<td>Enzyme and Microbial Technology</td>
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Rhodes University Research Report 2008 - 24
The Botany Department had an extremely busy and productive year. 2008 saw the introduction of a new Honours course called “Biodiversity & Conservation”, offered jointly with the Department of Environmental Science. Seven students completed this course and will graduate in 2009. The staff were also very productive, and as a whole the department has published almost 30 papers, with additional offerings in press.

Dr Susi Vetter’s involvement in a project in the Richtersveld continued, with good progress. She and Mr Tony Dold (Schonland Herbarium / Botany) also started a new SANPAD funded research project led by Michelle Cocks (ISER) on "Understanding rural peoples' sense of place and their environment: Implications for bio-cultural diversity conservation". A workshop for this project was held in November 2008 with the Netherlands collaborators and South African researchers planning future research projects that aim to incorporate the findings of this research into formal conservation planning approaches. She was also invited to give the opening keynote talk at a South African National Parks imbizo on linking scientific research to adaptive management.

Prof. Nigel Baker was on sabbatical for the first half of 2008, and attended the Systematics 2008 conference in Goettingen, Germany, presenting a paper and a poster. He hosted Dr Rosa Cerros-Tlatilpa as a postdoctoral researcher from Mexico, who conducted work on the globally important grass genera Aristida and Stipagrostis. A second postdoc Dr Chris Kelly also contributed to Prof Barker’s research group, conducting and publishing work on African snakes. Collectively, Prof Barker’s research group published 11 peer-reviewed papers in 2008, the highlight being the acceptance (and eventual publication in early 2009) of a multi-author paper on the evolution and radiation of the Proteaceae in the prestigious Proceedings of the National Academy of Sciences, USA. He also received funding from the National Geographic Society to support his research on the biodiversity of the southern regions of the Great Escarpment, a very poorly understood and understudied region. This funding allowed for a detailed botanical exploration program to be undertaken by his PhD student, Mr Clark. As a consequence of this work, at least ten plant species new to science have been discovered from the Sneeuberg alone, including a new species of Proteaceae. These species are currently being formally described, illustrated and researched.

Prof. Brad Ripley continued his interests in the ecophysiology of C₃ and C₄ grasses and of coastal sand-dune species, which resulted in the graduation of two MSc students and a PhD student, as well as numerous publications. These document the results of international collaborations with researchers from Sheffield and Wageningen Universities, and from collaborations with researchers at Rhodes University. Findings were presented at local conferences and a highlight of the year was a visit by Prof. Howard Griffiths from Cambridge University who ran an international conference (Plant Induced Resistance for Pests and Disease Control (PIRAC) in Cape Town from 26th to 29th October, 2008. Funding for this very stimulating event was secured from PlantComMistra in Sweden, as well as from the Swedish National Academy of Science and the NRF in Pretoria. Thirty international and southern African delegates enjoyed a busy scientific conference at which attention was given to aphid and pathogen-plant interactions and the effects that these pests have on agricultural productivity. During this time he hosted a collaborating colleague from the CSIRO (Perth, Australia), as part of a new NRF knowledge exchange initiative. 2008 also saw the publication of a text book, “Plant anatomy: an applied approach”, together with an informative CD-ROM, by D.F. Cutler, T. Botha and D.W. Stevenson, published by Wiley-Blackwell. The book has received excellent reviews. Professor Botha has continued to secure research funding for his collaborative research with colleagues in Sweden, Australia and Japan. In December, he was notified by the South African Association of Botanists that he had been awarded the Senior Medal for his many contributions to botany in South Africa and internationally.

In June, Professor Roy Lubke took a party of honour students to the conference of the Grasslands Society of Southern Africa on Rehabilitating Rangelands held in Pietermaritzburg, where the students gained their first insight into conference proceedings. The meeting was followed by an excursion to visit grassland restoration sites in the KZN Midlands. He also attended the International Association of Vegetation Science Symposium held at Stellenbosch in September, where he renewed his contacts with numerous overseas colleagues. During this conference, he led a mid-week excursion to Langebaan and the West Coast Fossil Park where he has been carrying out rehabilitation studies since 1996. He then took some 25 delegates on the post-conference excursion to the
Southern and Eastern Cape for 12 days. Prof Lubke also attended the 3rd International Seminar on Mine Closure in Johannesburg in October where he presented a paper on the studies carried out on the closure of slimes dams at the Umbogintwini Industrial Complex. He was on the Conference organising committee and reviewed many of the papers for the published proceedings.

Mr Tony Dold continued his collaboration with the ISER bio-cultural diversity conservation programme that links bio-diversity to cultural heritage. A paper documenting the cultural value of the indigenous olive (Olea europaea subsp. africana) was published jointly with Dr Michelle Cocks (Institute for Social and Economic Studies) who heads the programme. Mr Dold collaborated with the South African National Biodiversity Institute’s combined threatened species programme and ethnobotanical programme to prioritise conservation strategies for threatened medicinal plant species.

Mr Craig Peter successfully completed his PhD at UKZN, with his thesis receiving glowing comments from the three international examiners. He has gone on to publish a number of chapters of his thesis, and he and his students and collaborators have also published research unrelated to his PhD and presented this work both at local and international conferences.

PROFESSOR BRAD RIPLEY
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Botha,CEJ

Dold,AP

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Barker,NP


Behenna,M and Vetter,S

Botha,CEJ
Ade-Ademilua,OE and Botha,CEJ. "The level of wall ingrowths protusion in transfer cells is a function of the sink/source state of the leaf”. American Journal of Plant Physiology. 2008. 3(2),67-72.
Botha, CEJ and Liu, L

de Wet, L-AR, Barker, NP and Peter, CI
de Wet, L-AR, Barker, NP and Peter, CI. "The long and the short of gene flow and reproductive isolation: Inter Simple Sequence Repeat (ISSR) markers support the recognition of two floral forms in Pelargonium reniforme (Geraniaceae)". Biochemical Systematics and Ecology. 2008. 36(9), 684-690.

Dold, AP

Gilbert, M and Ripley, BS

Ibrahim, D, Gilbert, M, Ripley, BS and Osborne, CP. "Seasonal differences in photosynthesis between the C3 and C4 subspecies of Allotropis semialata are offset by frost and drought". Plant Cell and Environment. 2008. 31, 1031-1050.


Gilbert, ME and Ripley, BS

Kelly, CMR and Barker, NP

McKenzie, RJ


McKenzie, RJ and Barker, NP


Peter, C1
Peter, CI and Johnson, SD. "Mimics and magnets: the importance of color and ecological facilitation in floral deception". Ecology. 2008. 89(6),1583-1595.

Ramdhani, S and Barker, NP

Ripley, BS


Ripley, BS and Abraham, TI

Teske, PR and Barker, NP

Teske, PR, Papadopoulos, I and Barker, NP

White, AG and Ripley, BS

OTHER PUBLICATIONS

Dold, T

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Barker, NP


Clark, VR and Barker, NP

Coombs, G and Peter, CI

Dold, AP


Duncan, IM, Vetter, S and Dold, AP


Gilbert, ME and Ripley, BS
Kelly, CMR and Barker, NP

Konje, MM and Vetter, S

Peter, CI

Ramdhani, S, Behenna, M and Barker, NP

Ripley, BS and Gilbert, ME

Vetter, S

Barker, NP


Barker, NP and McKenzie, RJ


Botha, CEJ, Saheed, SA and Jimoh, MA


Cerros-Tlatilpa, R and Barker, NP


Coombs, G, Dold, AP and Peter, CI


Kaehler, S


Kelly, CMR and Barker, NP


Lubke, RA


Mahboob, J and Botha, CEJ


Peter, CI

Ramdhani,S and Barker,NP

Vetter,S

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Botha,CEJ

DISTINGUISHED VISITORS

Griffiths,H

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<td>Bownes,S, Barker,NP and McQuaid,CD. &quot;Morphological identification of primary settlers and post-larvae of three mussel species from the coast of South Africa&quot;. African Journal of Marine Science. 2008. 30(2),233-240.</td>
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<td>Bownes,S, Barker,NP and McQuaid,CD. &quot;Morphological identification of primary settlers and post-larvae of three mussel species from the coast of South Africa&quot;. African Journal of Marine Science. 2008. 30(2),233-240.</td>
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<td>de Wet,L-AR, Barker,NP and Peter,CI. &quot;The long and the short of gene flow and reproductive isolation: Inter Simple Sequence Repeat (ISSR) markers support the recognition of two floral forms in Pelargonium reniforme (Geraniaceae)&quot;. Biochemical Systematics and Ecology. 2008. 36(9),684- 690.</td>
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<td>Cocks,ML and Dold,AP. &quot;The cultural use of the wild olive tree by the amaXhosa people in the Eastern Cape province of South Africa &quot;. Journal for The Study of Religion, Nature and Culture. 2008. 2(3),292-308.</td>
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Gilbert, M and Ripley, BS
Osborne, CP, Wythe, EL, Gilbert, M and Ripley, BS. "Low temperature effects on leaf physiology and survivorship in the C3 and C4 subspecies of Alloteropsis semialata". Journal of Experimental Botany. 2008. 59(7), 1743-1754. 0.50


Ibrahim, D, Gilbert, M, Ripley, BS and Osborne, CP. "Seasonal differences in photosynthesis between the C3 and C4 subspecies of Alloteropsis semialata are offset by frost and drought". Plant Cell and Environment. 2008. 31, 1031-1050. 0.50

Gilbert, ME and Ripley, BS
Gilbert, ME and Ripley, BS. "Biomass reallocation and the mobilisation of leaf resources support dune plant growth after sand burial". Physiologia Plantarum. 2008. 134, 464-472. 1.00

Kelly, CMR and Barker, NP

McKenzie, RJ

McKenzie, RJ and Barker, NP

McKenzie, RJ, Hjertson, M and Barker, NP. "Typification of the name Arctotis lanata and those of some southern African Haplocarpha species (Asteraceae, Arctotideae)". Taxon. 2008. 57(2), 612-614. 0.67

McKenzie, RJ, Hjertson, M and Barker, NP. "Typification of the name Arctotis plantaginea and names in the Arctotis semipapposa species complex (Asteraceae, Arctotideae)". Taxon. 2008. 57(4), 1341-1346. 0.67

Peter, CI
Larsen, M, Peter, CI, Johnson, SD and Olesen, JM. "Comparative biology of pollination systems in the African-Malagasy genus Brownleea (Brownleeinae: Orchidaceae)". Botanical Journal of the Linnean Society. 2008. 156(1), 65-78. 0.25

Peter, CI and Johnson, SD. "Mimics and magnets: the importance of color and ecological facilitation in floral deception". Ecology. 2008. 89(6), 1583-1595. 0.50

Ramdhani, S and Barker, NP

Ripley, BS

van Grunsven, RHA, Bos, E, Ripley, BS, Suehs, CM and Veenendaal, E. "Release from soil pathogens plays an important role in the success of invasive Carpobrotus in the Mediterranean". South African Journal of Botany. 2008. 75(1), 172-175. 0.20

Ripley, BS and Abraham, TI

Ripley, BS and DeWet, L
Ripley, BS, DeWet, L and Hill, MP. "Herbivory-induced reduction in photosynthetic productivity of water hyacinth, Eichhornia crassipes (Martius) Solms-Laubach (Pontederiaceae), is not directly related to reduction in photosynthetic leaf area". African Entomology. 2008. 16(1), 140-142. 0.67
Teske, PR and Barker, NP

Nicastro, KR, Zardi, GI, McQuaid, CD, Teske, PR and Barker, NP. "Coastal topography drives genetic structure in marine mussels." Marine Ecology-Progress Series. 2008. 368, 189-195. 0.40

Teske, PR, Papadopoulos, I and Barker, NP

Teske, PR, Papadopoulos, I, Newman, BK, Dworschak, PC, McQuaid, CD and Barker, NP. "Oceanic dispersal barriers, adaptation and larval retention: an interdisciplinary assessment of potential factors maintaining a phylogeographic break between sister lineages of an African prawn". Bmc Evolutionary Biology. 2008. 8(341), 1-14. 0.50

White, AG and Ripley, BS

White, AG, Davies-Coleman, MT and Ripley, BS. "Measuring and optimising umckalin concentration in wild-harvested and cultivated Pelargonium sidoides (Geraniacea)”. South African Journal of Botany. 2008. 74, 260-267. 0.67

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CENTRE FOR HIGHER EDUCATION RESEARCH, TEACHING AND LEARNING (CHERTL)

This year staff from the CHERTL presented sixteen papers at national and international conferences. The topics of the papers covered a range of issues related to higher education including student learning, ICTs in teaching & learning, academic staff development, quality assurance, curriculum development and service learning. Chrissie Boughey and Judith Reynolds published articles in international journals and Dina Belluigi published a book chapter on the evaluation of teaching and courses in higher education. As in previous years, the Centre continues to enjoy success of postgraduate students. At the 2008 graduation ceremony the following qualifications were awarded to students supervised by staff of CHERTL: Postgraduate Diploma in Higher Education (13), Postgraduate Diploma in Education (1), MEd (1), and PhD (1).

2008 also marked a new development for the Centre in the award of contracts to conduct research. In the course of the year, two contracts were awarded, one was for research on Third Stream Income by the Kresge Foundation and another for a meta-analysis of teaching and learning at five research intensive South African universities by the Higher Education Quality Committee.

PROFESSOR CHRISSIE BOUGHEY
DEAN AND HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Belluigi,DZ

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Boughey,C


Reynolds,J

Stephenson,S

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Chibaya,C


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences


Hlengwa, A

Mostert, M

Quinn, L

Reynolds, J

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<td>Boughey, C. &quot;Educational Development in South Africa: From Social Reproduction to Capitalist Expansion?&quot;. Higher Education Policy. 2007. 20,5-18.</td>
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<td>Reynolds, J. &quot;Changing from a separate to a semi-integrated foundation programme: curriculum implications&quot;. Education as Change. 2008. 12(1),81-93.</td>
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CHEMISTRY

Undoubtedly the highlight for the Department of Chemistry in 2008 was news of the award of the 2009 L’ORÉAL-UNESCO Award for Women in Science to Professor Tebello Nyokong. This is an outstanding achievement as each year only one laureate is selected from each of five world regions by a panel of former Nobel prize-winners. Professor Nyokong is the laureate for Africa and the Arab states for 2009. The new Professor of Analytical Chemistry, Professor Nelson Torto, joined the Department in July, 2008. After his arrival Professor Torto also learned that he was to be a recipient of the 2008 American Chemical Society Division of Analytical Chemistry Award for Young Investigators in Separation Science and this news provided yet another highlight for the Department. Both Professor Nyokong and Professor Torto received their awards in March 2009 at functions in Paris and Chicago respectively. Professor Mike Davies-Coleman was also elected a Fellow of the Royal Society of South Africa.

The DST-Mintek Nanotechnology Innovation Centre (Sensors), under the direction of Professor Tebello Nyokong, continues to flourish and was visited by the NRF board in 2008. New research equipment including an elemental analyser and a Raman spectrophotometer were commissioned in the DST-Mintek Nanotechnology Innovation Centre in 2008. Other visitors to the Centre and Department in 2008 included: Dr Stephen Ashworth from the University of East Anglia; Dr Fethi Bedioui from the CNRS (France); Professor Nagao Kobayashi from Tohoku University; Dr Larry Shaibu from the University of Lagos; Dr Boitumelo Kgarebe and Ambassador Kalima Mworia from the Organisation for the Prohibition of Chemical Weapons, and Dr Josiah Ouma from Egerton University in Kenya. The 2008 Barker Lecture was delivered by chemistry education specialist Professor Bette Davidowitz from the University of Cape Town.

Postgraduate research remained the mainstay of our Department in 2008 with a large cohort of 47 post-doctoral, PhD, MSc and Honours students working in a variety of fields including electrochemistry, photochemistry, nanotechnology, inorganic and organic synthesis, thermal analysis and natural product chemistry. A record number of PhD (7) and MSc (5) chemistry graduands received their degrees at the April graduation ceremony. The Department continued to celebrate the diversity of its post-graduate student body which originates from all corners of our continent including Lesotho, Namibia, Nigeria and Zimbabwe and even further afield, namely Turkey and New Zealand. Eight of our post-graduate students had the opportunity to carry out collaborative research in laboratories in France, United Kingdom, Germany and Japan. During 2008 staff and post graduate students also attended and contributed to the proceedings at numerous national and international conferences.

PROFESSOR MICHAEL DAVIES-COLEMAN
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Antunes,E and Nyokong,T

Chauke,V and Nyokong,T

Chidawanyika,W, Antunes,E and Nyokong,T

Davies-Coleman,MT


Durmus,M and Nyokong,T

Durmus,M, Zhao,ZX and Nyokong,T

Galwey,AK

Geraldo,DA and Nyokong,T

Idowu,M and Nyokong,T


Idowu,M, Lamprecht,E and Nyokong,T

Kaye,PT and Watkins,GM


Sehlotho,N and Nyokong,T

Sehlotho,N, Durmus,M and Nyokong,T

Siswana,M and Nyokong,T

van Wyk,AWW, Gray,CA and Davies-Coleman,MT

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)
i. Local Conferences

Adendorff,MR, van Wyk,AWW, Lobb,KA and Davies-Coleman,MT

Akinbulu,IA and Nyokong,T

Brown,ME, Duggan,AR, Ganto,MM, Kaye,PT, Klein,RA, Lobb,KA, Mciteka,M, Molefe,DM and Nyoni,D

Chauke,V and Nyokong,T

Conibear,A, Gxoyiya,B, Kaye,PT, Klein,R, Lobb,KA, Mutorwa,M, Salisu,S and Truscott,B

Davies-Coleman,MT


Kaye, PT


Kaye, PT, Klein, RA, Lee, Y-C, Lobb, KA, Molefe, DM, Rashamuse, TJ and Tukulula, M

Khene, S and Nyokong, T

Matemadombo, F, Durmus, M and Nyokong, T

Mugadza, T and Nyokong, T

Nombona, N and Nyokong, T

Nyokong, T


Ogunbayo, BT and Nyokong, T

Sunassee, S, Van Wyk, AWW, Bromley, CL and Davies-Coleman, MT
van Wyk, AWW, Young, RM, Lobb, KA and Davies-Coleman, MT

Watkins, GM, Lobb, KA and Abel, S


Wellington, KW, Kaye, PT, Nyokong, T and Watkins, GM

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Antunes, E and Nyokong, T

Chidawanyika, W and Nyokong, T

Davies-Coleman, MT

Durmus, M and Nyokong, T


Gxoyiya, B, Lobb, KA, Molefe, DM, Mutorwa, M, Nchinda, AT, Rashamuse, TJ, Rose, N, Salisu, S, Klein, RA and Kaye, PT
Idowu,M and Nyokong,T

Lamprecht,E, Watkins,GM and Young,RM

Mashazi,P, Tshikudo,RT and Nyokong,T

Moeno,S and Nyokong,T

Nyokong,T


Tshentu,ZR

INTERNATIONAL VISIT

Davies-Coleman,MT
Davies-Coleman,MT. Department of Chemistry, Bristol University, Bristol, United Kingdom. Chemistry outreach collaboration and presentation of research lecture. 1 - 4 July 2008.

Davies-Coleman,MT. Department of Chemistry, York University, York, United Kingdom. Presentation of research lecture. 8 July 2008.

Idowu,M

Khene,S and Britton,J

Khene,S and Chauke,V

Masilela,N

Mbambisa,G
Mbambisa,G. Tohoku University, Sendai, Japan. Bilateral agreement. 1 November - 30 April 2007.
Nyokong, T

Nyokong, T. Prof Nagao Kobayashi, Tohoku University, Sendai, Japan. Research Collaboration. 7-11 March 2008.


Nyokong, T. Tohoku University, Sendai, Japan. Collaboration. 5 - 13 October 2008.

Tshentu, ZR

DISTINGUISHED VISITORS

Nyokong, T

Shaibu, RO

JOURNAL SUBSIDY UNITS

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**Nyokong, T**


**Ogunsipe, O, Durmus, M and Nyokong, T**


**Sehlotho, N and Nyokong, T**


**Sehlotho, N, Durmus, M and Nyokong, T**


**Siswana, M and Nyokong, T**


**van Wyk, AWW, Gray, CA and Davies-Coleman, MT**


**POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES**

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2008 was a year of sweeping change in the research profile of the Department of Computer Science.

Dr Peter Clayton was appointed from the Department into the prestigious new post of Deputy Vice-Chancellor: Research and Development at Rhodes University, beginning his new role in April 2008. While we celebrated this distinguished achievement, it also left us with substantial gaps, and some new opportunities. Professor Shaun Bangay was appointed to the vacant post after a comprehensive selection process that highlighted the strength of our internal applications relative to external applicants. Professor Alfredo Terzoli moved from his previous contract position in the Telkom Centre of Excellence into full-time academic ranks, and was appointed as the Head of the Centre at Rhodes, taking over from Dr Peter Clayton. The Centre of Excellence (CoE) in Distributed Multimedia continues to be the umbrella for the bulk of our research activity. Dr Hannah Thinyane (previously Slay) who was a postdoctoral fellow was appointed to the departmental academic staff, and shortly thereafter obtained an NRF Y category rating.

Professor Richard Foss continued his term as International Chairman of the Audio Engineering Society’s (AES) subcommittee tasked with defining standards for audio transmission over high speed firewire IEEE1394 networks. PhD candidate Philip Foulkes strengthened our involvement with the IEEE, by contributing to a two-week work group on protocol standardisation in Colorado in July 2008. The audio network product from our research group gained front page coverage in the magazine "Pro-Sound News” after demonstration at the Musik Messe in Frankfurt – the largest pro-audio/lighting convention in Europe. The industry ties with UMAN Networks saw their Chief Technical Officer, Mr Robby Gurdan, and members of their technical team visiting our lab for a series of three week-long visits during 2008.

Other 2008 highlights included

- Dr Hannah Thinyane and PhD student Mamello Thinyane were selected to represent Rhodes University in the finals of an international competition: SIMagine 2008 — the Worldwide Mobile Communication and Java Card developer contest (9th Edition). In 2007 participants submitted proposals for software to be deployed on cell phone “smart cards”. The top 50 competitors were shortlisted and required to design and develop their solution. The Rhodes duo were selected for the final eight and travelled to Barcelona for the final round of judging. Although they did not win the competition, they came back from the finals with the Telecom Italia Mobile operators’ award and a cheque for five thousand Euros.
- Masters student Amon Magadza won the best poster award at SAICSIT 2008 in Wilderness.
- Honours student Alastair Nottingham's software project won second prize in the interactive category at Microsoft's Imagine Cup Competition, held in December at the Champagne Sports Resort in the Drakensburg. An international panel of software experts adjudicated the entries.

The funding grant from the South Africa Norway Tertiary Education Development Programme (SANTED) kicked into its first year of capacity-building between the Computer Science Departments at Rhodes University and at the University of Namibia. Four honours-level modules were offered to UNAM participants using a “Virtual Classroom” technology, together with a series of short 2-4 day visits by each of the facilitators from Rhodes. A Namibian delegation also visited Rhodes for a joint meeting with representatives of SANTED. The programme will continue with its capacity-building first stage during 2009, and some refinement of the Virtual Classroom concepts and technology.

Further contributions to International standards and regulating bodies involved CoE interactions with the ITU, facilitated by Mr Paul Ingleby of Telkom. The CoE was at the South African ITU-R Feedback Session on WRC-07 (World Radiocommunication Conference), which included planning for WRC-11 (1st and 2nd of October). The CoE was also present at the 2008 ITU-T World Telecommunications Standardisation Assembly (WTSA-08). The CoE is actively working towards further contributions to the next ITU-T conference (Kaleidoscope) in 2009, with Prof Terzoli part of the organizing committee and track chair for Track 2. Two PhD students, Mosioua Tsietsi and Zelalem Shibeshi, were invited to take part in the works of the WTSA-08, held in Johannesburg in October, with full...
financial support from the Department of Communication. Zelalem Shibeshi was subsequently invited to take part in work on standardization to help people with disabilities.

Ties to local and overseas researchers and research institutions were strengthened. International visitors and hosts included Dr. Patrizia Hongisto of the Helsinki School of Economics; Dr Thomas Magedanz of the Fraunhofer FOKUS Institute at TU Berlin; Dr Jameson Mbane of the University of Namibia; Prof Denis Riordan from Dalhousie University, Canada; Dr. Lauri Kuukasjarvi of COFISA; Prof Fabrizio Luccio and Prof Maurizio Bonuccelli of the University of Pisa, Prof Angiolino Stella, Vice-Chancellor of the University of Pavia; and Dr Jose Quenum, from Makerere University in Kampala. Locally, cooperations with the Nelson Mandela Institute for Education and Rural Development at the University of Fort Hare (Brian Ramadiro), the Meraka Institute (Dr. Kobus Roux), and the Joint Initiative on Priority Skills Acquisition (Dr. Claudia Reinhardt-Beck) were among some of the new forces we joined with this year.

The arrival and initiation of a PhD by candidate Zelalem Shibeshi cements the CoE relationship with the ETC Postgraduate School in IT in Ethiopia and represents the activation of a new African connection of the Centre. We now have strong academic ties with several Sub-Saharan countries, namely Namibia, Ethiopia, Uganda and Lesotho and will expand our presence in further countries (especially SADC) in 2009.

Siyakhula Living Lab

The rural field trial at Dwesa (formerly called the Dwesa Project or the Dwesa-Siyakhula Project) has been renamed the Siyakhula Living Lab. This reflects the central role that the community plays in the effort, as this name (“Siyakhula”) was chosen by the community, and it includes a metaphor of a laboratory in which innovation is generated and tested via the continuous interaction of researchers and users (“Living Lab”). The living lab methodology is currently used to very good effect by telecommunication manufacturers such as Nokia in Finland but is still relatively unknown in South Africa.

In November 2008 the Siyakhula Living Lab was accepted into the European Network of Living Labs (EnoLL). Their goal is to develop best practice for specific scenarios, leading to excellent, reproducible results. The unique Living Lab context at Siyakhula and the new connections that we are making through the network – which is very active – bode well for the future of our rural testbed. The trial has matured to the extent that we are now able to leverage new projects even in times of economic downswing. This is demonstrated by the interest shown by the Department of Science and Technology, the participation by COFISA, the involvement of Nokia-Siemens Networks in testing their new hardware, overseas contacts such as the Calabar Foundation, as well as interest shown from the Eastern Cape government.

Mr Derek Hanekom, the Deputy Minister of Science and Technology, paid a visit to the Siyakhula Living Lab in November. He was very impressed by the work of the CoE and praised the support of the industries partners, suggesting that the model may be put to the test in 2009/2010 in terms of an extension of the project scale.

PROFESSOR GEORGE WELLS
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bangay, S


49 - Rhodes University Research Report 2008
Glass, K and Bangay, S

Slay, H and Sieborger, I


**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS AND ATTENDANCE)**

i. **Local Conferences**

Bangay, S

Barnett, R J and Irwin, B


Duff, K and Terzoli, A

Halse, M

Irwin, B V and Friedman, B

Kerr, S and Slay, H
Kerr,SB

Koller,A and Wright,M

Maema,M


Maema,M and Terzoli,A


Mulumba,P Wells,G and Clayton,P


Pilkington,NVC and Irwin,B

Slay,H

Slay,H and Mukadah,E
Terzoli, A


Tsietsi, M, Terzoli, A and Wells, G

van Schalkwyk, D and Wright, M

Wells, D, Sieborger, I and Irwin, B


Wright, M

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Barnett, R and Irwin, B

Chibaya, C and Bangay, S

Foulkes, P and Foss, R
Glass, K and Bangay, S

Halse, M

Irwin, B and van Riel, J-P

Irwin, BV and Pilkington, N

Maema, M and Slay, H

Pilkington, NCV and Irwin, B

Richter, JPF and Irwin, B


Sieborger, I and Terzoli, A

Slay, H

Slay, H and Sieborger, I

Terzoli, A


Thinyane, M, Terzoli, A and Clayton, P


Tsietsei, M, Terzoli, A and Wells, GC

Tsietsei, M and Terzoli, A

Wells, G

Wertlen, RRR

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Tsietsei, M

INTERNATIONAL VISIT

Foss, R
Foss, R. CAMCO, Wenden, Germany. Demonstrate research. 11 - 15 February 2008.
Foss, R. Musik Messe, Frankfort, Germany. Demostrate research. 4 - 8 March 2008.

Foss, R. Fremont, United States of America. Attended and contributed to the IEEE1722 working group meeting on AVB networking. July 2008.


Foulkes, P

Wells, G.C

### JOURNAL SUBSIDY UNITS

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<tr>
<td>Bangay, S</td>
<td><em>Rivers</em>, Moore, NA, Bangay, S and Palmer, RW. &quot;Optimisation of Bacillus thuringiensis var. israelensis (Vectobac®) applications for the blackfly control programme on the Orange River, South Africa&quot;. Water SA. 2008. 34(2),193-198.</td>
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55 - Rhodes University Research Report 2008
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<td>Red or blue? The importance of digital literacy in African rural communities</td>
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<td>Proceedings: UKSim Tenth international conference on computer modelling and simulation EUROSIM/UKSim2008</td>
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<td>Chibaya C, Bangay S</td>
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<td>Slay H, Sieborger I, Hodgkinson-Williams C</td>
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<td>Proceedings of computer graphics and visualization 2008 and gaming 2008: design for engaging experience and social interaction 2008</td>
<td>Automating the creation of 3D animation from annotated fiction text</td>
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<td>Sixth annual IEEE international conference on pervasive computing and communications</td>
<td>Prototyping a P2P SIP user agent with support for multiple overlays</td>
<td>Tsietsi M, Terzoli A, Wells G</td>
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<td>Proceedings of the ISSA 2008 Innovative Minds Conference</td>
<td>A canonical implementation of the advanced encryption standard on the graphics processing unit</td>
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<td>Location and Mapping of 2.4 GHZ RF transmitters</td>
<td>Wells D, Sieborger I, Irwin B</td>
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<td>Towards a taxonomy of network scanning techniques</td>
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<td>The relationship between emergence of the shortest path and information value using ant-like agents</td>
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<td>Finger based tracking for mobile phones</td>
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<td>Investigating the viability of scroll-wheel interfaced mobile phones for text entry</td>
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<td>Proceedings of the 10th Annual Conference on World Wide Web Applications</td>
<td>Challenge place and time: put a web server on your mobile phone</td>
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<td>Mapping the location of 2.4 GHz transmitters to achieve optimal usage of an IEEE 802.11 network</td>
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<td>An example of a simple cache system for a video streaming implementation within a network simulation</td>
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<td>Bridging the gap between peer-to-peer and conventional SIP networks</td>
<td>Tsietsi M, Terzoli A, Wells G</td>
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<td>Southern Africa Telecommunication Networks and Applications Conference (SATNAC) 2008</td>
<td>An analysis of network scanning traffic as it relates to scan-detection in network intrusion detection systems</td>
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<td>Southern Africa Telecommunication Networks and Applications Conference (SATNAC) 2008</td>
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<td>An open service delivery platform for adding value to softswitch-based telephony environments</td>
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<td>VizSec 2007 Proceedings of the workshop on visualisation for computer security</td>
<td>High level internet scale traffic visualisation using hilbert curve mapping</td>
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<td>VizSec 2007 Proceedings of the workshop on visualisation for computer security</td>
<td>Using InetVis to evaluate snort and bro scan detection on a network telescope</td>
<td>Irwin B, van Riel J-P</td>
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<td>Novel algorithms and techniques in telecommunications, automation and industrial electronics</td>
<td>Guidelines for constructing robust discrete-time computer network simulations</td>
<td>Richter J, Irwin B</td>
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<td>Advances in Computer and Information Sciences and Engineering</td>
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<td>WEBIST 2008 Fourth international conference on web information systems and technologies</td>
<td>A tuple space web service for distributed programming</td>
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DRAMA

A highlight of the year was the enrolment of eight Masters by Course work (part 1) candidates who together with the Masters Part 2 candidates numbered eleven Drama Masters students. This marks an incredible growth in the Masters programme. External examiners praised the work of the students, commenting that “the Rhodes Drama Department displayed an authoritative voice in performance research and theatre investigation”. As a result of their theoretical and practical investigations, five Masters students presented academic papers at National Drama conferences. Awelani Moyo distinguished herself as an outstanding scholar by winning a National student essay competition, resulting in her paper being published in the *South African Theatre Journal*. She was also awarded the prestigious Gordon Institute of the Performing and Creative Arts Fellowship for 2009.

The Masters course was further enhanced by a visiting lecturer from Tulane University (USA), Professor John Allan. Prof. Allan contributed to the MA course and collaborated with Professor Gordon on *Ozymandias*, a collaborative dance-play presented on the main programme of the National Arts Festival. This was a unique opportunity for our senior students to work with a range of professional choreographers, performers, visual artists, writers and musicians at national level. A critic commented that this production had the “final say on trans-continental collaboration”.

Academic staff presented papers at 3 conferences – Ms Sutherland presented a paper on post-colonial performance at the *Performing Heritage* conference in Manchester, and Dr Krueger and Ms Sutherland presented papers at the *Dramatic Learning Spaces* conference at UKZN.

The performance based investigations of the department have been diverse and extensive. Professor Andrew Buckland was granted a one year contract as a lead performer at the internationally acclaimed *Cirque du Soleil* based in the USA. Dr Anton Krueger has established himself as a writer, a film and theatre director, writing and producing *Chatter* for the National Arts Festival, directing a short film, and being selected to participate in the prestigious poetry Africa event at UKZN. Ms Heike Gehring conceptualised, directed and performed in an acclaimed multi-media performance *Expedisies* at the KKNK festival, and the National Arts Festival. Ms Juanita Finestone-Praeg was on academic leave in Canada, where she undertook research on choreography and dance, initiated an exchange with *Lecole de Dance de Quebec*, and will use this experience to produce the first text on contemporary dance and choreography in South Africa.

The department has extended its creative endeavour to the wider University community: Professor Buckland and Ms Sutherland created *The Amazing ‘Other’ Show* for the Dean of Students Office, which played to approximately 1500 first year students during Orientation Week. Both *Ubom!* and *The First Physical Theatre Company* created works for the SHARC concert in August.

Both these professional companies continue to promote the performing arts through successful education and development programmes. *Ubom!* won several prestigious awards: the company was a winner of an Impumelelo Gold Award for innovative work in poverty reduction and community development; Janet Buckland was the overall winner of the Shoprite/Checkers Woman of the Year award, as well as Grahamstown’s citizen of the year. *First Physical* performer, and Rhodes graduate, Tshego Tlholoe was winner of the Best Female Newcomer at the Gauteng MEC Awards.

PROFESSOR GARY GORDON
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Krueger, AR
Krueger, AR

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Moyo, AL

OTHER PUBLICATIONS

Krueger, AR

Sutherland, AEM

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Barnard, J

de Boer, KD

Elliott, N

Krueger, AR

Moyo, AL

Parker, A

Sutherland, AEM

Sutherland, AEM
ii. International Conferences

Sutherland, AEM

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Buckland, AF


Gehring, H


Gordon, GE


Tang, CWA. Lecturer. "You don't have to know what's going on, but how it goes on". National Schools Festival. Rhodes University. Grahamstown, South Africa. 9 July 2008.


INTERNATIONAL VISIT

Praeg, J
Praeg, J. Lecole de dance de Quebec, Quebec City, Canada. Research for book and for possible exchanges with Rhodes University. 24 - 28 November 2008.

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<td>Moyo, AL. &quot;Negotiating migrant identities: foreign bodies, symbolic journeys and (sub)liminal landscapes in Composition Z - The house of stone&quot;. South African Theatre Journal. 2008. 22.84-101.</td>
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ECONOMICS

The research activity of the department resulted in twelve journal publications, one other publication, fifteen conference papers, four workshops and one international visit. Several journal articles have resulted from the joint efforts of supervisors and masters students in the Financial Markets Programme. These papers, when added to similar recent ones in the same field have now compounded to a significant body of literature in financial market studies, which clearly constitutes a local niche for the department.

The other pockets of staff expertise from which research papers have emanated this year include Regional Economic Integration, Water Resources, Cultural Economics and Teaching in Economics, particularly focused on the issues around large numbers of students.

A highlight of the year was the now established and growing annual postgraduate conference with staff and students from the Universities of Fort Hare and Nelson Mandela Metropolitan also participating. The Economics Society of South Africa and the National Treasury provided sponsorship for the conference. The department was also chosen to host and organise an Economic Research Southern Africa (ERSA) workshop.

Dr X.P. Guma, the Deputy Governor of the South African Reserve Bank and Visiting Professor in Economics, addressed students and staff at a public seminar during his lecturing visit in October.

PROFESSOR HUGO NEL
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Aziakpono,MJ

Juana,JS

Matsaseng,KF

Mbatha,CN

Mbatha,CN and Antrobus,GG
Mbatha,CN and Antrobus,GG. "Institutions and economic research: a case of location externalities on agricultural resource allocation in the Kat River basin, South Africa". Agrekon. 2008. 47(4),470-491.

Mutambbara,TE
Mutambbara,TE. "Asymmetric tariff reduction within the SADC protocol on trade and its implications for industrial development within member states". Journal of Development Perspectives. 2007. 3(1),54-73.

Snowball,JD
Snowball, JD and Jeurissen, C

Snowball, JD and Webb, ACM

OTHER PUBLICATIONS

Karoro, T, Aziakpono, MJ and Cattaneo, NS

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES

(RECORDS, BOOKLETS AND ATTENDANCE)

i. Local Conferences

Aziakpono, MJ

Cattaneo, NS

Chinzara, Z and Aziakpono, MJ


Howarth, G, Mhlanga, G and Aziakpono, MJ

Kwangware, D, van Rooyen, J and Aziakpono, MJ


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Aziakpono, MJ


Cattaneo, NS

Chinzara, Z and Aziakpono, MJ

Snowball, JD

Snowball, JD and Antrobus, GG

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Aziakpono, MJ


65 - Rhodes University Research Report 2008
Chinzara,Z and Aziakpono,MJ

Matsaseng,KF

INTERNATIONAL VISIT
Snowball,JD
Snowball,JD. University of Newcastle, Newcastle-upon-Tyne, United Kingdom. Visiting fellow, research funded by the Arts and Humanities Research Council (AHRC) and Arts Council England (ACE), under their Fellowship on the economic impact of arts and humanities. 1 - 10 May 2008.

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<tr>
<td>Aziakpono,MJ, &quot;Financial and monetary autonomy and interdependence between South Africa and the other SACU countries&quot;. South African Journal of Economics. 2008. 76(2),189-211.</td>
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<td>Juana,JS, Strzepek,KM and Kirsten,JF. &quot;Households' welfare analyses of the impact of global change on water resources in South Africa&quot;. Agrekon. 2008. 47(3),309-326.</td>
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<td>Matsaseng,KF, &quot;Price flexibility in the common monetary area&quot;. South African Journal of Economics. 2008. 76(2),176-188.</td>
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<td>Mbatha,CN, Mbatha,CN and Charalambides,N. &quot;What is really in the economic partnership agreements for the Southern African region? A perspective from Botswana's beef export markets&quot;. Agrekon. 2008. 47(4),410-432.</td>
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<td>Mbatha,CN and Antrobus,GG, Mbatha,CN and Antrobus,GG. &quot;Institutions and economic research: a case of location externalities on agricultural resource allocation in the Kat River basin, South Africa&quot;. Agrekon. 2008. 47(4),470-491.</td>
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## POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES

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## BOOKS SUBMITTED FOR POSSIBLE SUBSIDY

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<td>Bulletin of comparative labour relations 65: the Global Labour Market: from globalization to flexicurity</td>
<td>Global capitalism and the rise of non-standard employment: challenges</td>
<td>Oladeinde, O</td>
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EDUCATION

The Education Department has sustained a healthy and productive research trajectory. Our return for 2008 reveals a good spread of contributions from most members of the Department. The 2008 profile is similar to previous years reflecting active participation in national and international conferences. Numerous conference presentations were converted to journal publications. A recurrent theme in our research activities is the notion of quality in education, both at a conceptual/policy and practice/pedagogical level. In order to strengthen the external impact of our work it is important that we disseminate our findings beyond journal articles and academic publications. Many of our staff drive teacher professional development programmes in fields such as literacy, numeracy, environmental education, assessment and leadership.

This report needs to be read against a backdrop of an extensive post-graduate supervision programme. Our numerous Masters programmes attract students from all over Africa. We have well in excess of 100 Master’s students, many of them engaged in structured coursework programmes that run at regular intervals in Grahamstown and Namibia. Our scholars are reaping the benefits of our three PhD weeks. These contact sessions facilitate robust academic and intellectual debate. They encourage our students to present their work in an environment that is both supportive and constructively critical. We currently have 28 PhD scholars from a rich variety of educational fields.

A very encouraging trend that is emerging is joint publications of staff and students and a practice of co-supervision both of which are enhancing research supervision capacity building and staff productivity. Our supportive model of mentoring by senior and experienced academics is further enabling our research productivity. The 2008 combined return of published papers and post-graduate supervision reflects an energetic and robust research climate in the Department.

PROFESSOR MARC SCHÄFER
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Irwin, PR


Lotz-Sisitka, H and O'Donoghue, R

Lotz-Sisitka, H and Olvitt, L.L

Lotz-Sisitka, H and Raven, G

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Atebe, HU and Schäfer, M
"As soon as the four sides are all equal, then the angles must be 90° each". children’s misconceptions in geometry”. African Journal of Research in Science, Mathematics and Technology Education. 2008. 12(2),53-74.

Dalvit,L


Euvrard,GJ


Hodgkinson-Williams,C


Hogan,R


Lotz-Sisitka,H


Lupele,J


Nsibungu,Y


Rau,A


Rosenberg,E

Schudel,I, Lotz-Sisitka,H and O'Donoghue,RB

Togo,M

van der Mescht,H

van der Mescht,H and Tyala,Z

OTHER PUBLICATIONS

Lotz-Sisitka,H, O'Donoghue,R, O'Donoghue,R and Wilmot,D

Togo,M and Lotz-Sisitka,H

Togo,M, Shava,S and Olvitt,LL

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Dalvit,L


Lotz-Sisitka, H.


Lotz-Sisitka, H., Motsa, E., Mukute, M. and Olvitt, L.

Lotz-Sisitka, H., Mutizwa, M., Olvitt, L. and Motsa, E.

Motsa, E.
Nsubuga, Y

O'Donoghue, RB and O'Donoghue, RB

Olvitt, LL


Shava, S, O'Donoghue, R, O'Donoghue, R and Mukute, M

Shava, S, O'Donoghue, R, Zazu, C and Mukute, M

Thokwe, T and Schäfer, M

Togo, M


Wilmot, D


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Atebe, H.U and Schäfer, M
Atebe, H.U and Schäfer, M. "As soon as the four sides are all equal then the angles must be 90 degrees each: children’s misconceptions in geometry". 16th Annual Congress of the Southern African Association for Research in Mathematics, Science and Technology Education (SAARMSTE). University of Lesotho, Maseru. Lesotho. January 2008. 80-93.

Dalvit, L


Dalvit, L and Gunzo, F


Gunzo, F


Hodgkinson-Williams, C

Murray, S


Nyangbe, J and Wilmot, D

O'Donoghue, RB


Schaefer, M and Atebe, H.U.

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Lotz-Sisitka, H


Lotz-Sisitka, H, Ketlohiwe, M, Namafe, C and Shumba, O

Makute, M

Nsubuga, Y

Olvitt, L.L


Schudel, I
Schudel, I. Invited presentation.  "How can EE officers design programmes to support the implementation of the environmental focus in the current curriculum?". Limpopo Provincial Environmental Education Seminar. Not known. Limpopo Province, South Africa. 23 - 24 July 2008.

Togo, M

Wilmot, D

DISTINGUISHED VISITORS

Tedrow, B
Professor B Tedrow. Fulbright Senior Specialist: Georgia State University, Atlanta, United States of America. Collaboration and workshops. May - Jun 2008.
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<td>Slay, H., Sieborger, I. and Hodgkinson-Williams, C. &quot;Interactive whiteboards: real beauty or just ‘lipstick’?&quot;. Computers &amp; Education. 2008. 51,1321-1341.</td>
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<td>Van Hiele levels of geometric thinking of Nigerian and South African mathematics learners</td>
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<td>Proceedings of the 16th Annual Conference of the Southern African Association for Research in Mathematics, Science and Technology Education</td>
<td>“As soon as the four sides are all equal, then the angles must be 90 each”. Children's misconceptions in geometry</td>
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### BOOKS SUBMITTED FOR POSSIBLE SUBSIDY

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<td>Participation and Learning: perspectives on education and the environment health and sustainability</td>
<td>Participation, situated culture, and practical reason</td>
<td>Lotz-Sisitka, H, O'Donoghue R</td>
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ENGLISH

Professors Dan Wylie and Mike Marais head the productivity list for 2008: Wylie published one book, edited another, and contributed a chapter to a third, while Marais, continuing (in addition) as Editor of English in Africa, published an article and two chapters in a book of critical perspectives on J M Coetzee. An earlier book of Wylie’s, Shaka: Myth of Iron, won the Vice-Chancellor’s Book Award for 2008. Dr Deborah Seddon was not far behind Wylie and Marais, with two articles and two conference papers, while Jamie McGregor scooped something of a coup by being awarded the Thomas Pringle Prize for the first journal article he has published. Jayne Glover, Bridget Grogan and Paul Walters also helped to maintain the Department’s conference presence. Much of the published work shows a pleasing engagement with ethical and ecological issues of our time and place.

The Department benefitted from the presence of our first Andrew Mellon Foundation Post-Doctoral Fellow, Dr Travis Mason from Canada, whose original concern with birds in Canadian poetry was considerably broadened by his exposure to the Karoo and collegial interaction with Dan Wylie. We look forward to a South African “turn” in Dr Mason’s forthcoming publications. Colleagues and senior students enjoyed almost daily informal interaction with Dr Mason.

PROFESSOR PAUL WALTERS
ACTING HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Maclennan,D


Wylie,D


Wylie,D, Morison,T and Springer,M


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Beard,M

Beard,M. "'She travels alone and unattended': the visit to the Eastern Cape of the botanical artist Marianne North". De Arte. 2007. (76),33-48.

Cornwell,G


Marais,M


McGregor,J

Seddon, D


Van Wyk Smith, M
Van Wyk Smith, M. "Notes from an "Inner Emigre": reflections on teaching the poetry of Seamus Heaney in the struggle years in South Africa". *British and Irish Contemporary Poetry*. 2008. 1(1),49-61.

Walters, P

Wylie, D

OTHER PUBLICATIONS

Marais, M


Wylie, D

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Glover, J

Grogan, J

Seddon, D

Walters, P
ii. International Conferences

**Seddon, D**

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<td>McGregor, J. &quot;&quot;The sea, music and death&quot;: the shadow of Wagner in Woolf's <em>Mrs Dalloway</em>&quot;. English Studies in Africa. 2006. 49(2),83-108.</td>
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<td>Seddon, D. &quot;Unsettling South Africa's inert past: Denis Hirson's <em>White scars: on reading and rites of passage</em>&quot;. Scrutiny2. 2008. 13(1),82-91.</td>
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<td>Toxic belonging: identity and ecology in southern Africa</td>
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<td>Ecological Sensitivities in Menan du Plessi' A State of Fear</td>
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ENGLISH LANGUAGE AND LINGUISTICS

During 2008 the Department continued its strategy of consolidating its undergraduate programme by conducting an extensive review of the curriculum and updating the study manuals. The alignment of the courses into strands of study will now enable the department to offer a more coherent undergraduate programme. Plans are also afoot to consolidate the postgraduate programme by providing distinct course work offerings for Honours and Masters-by-coursework. Two PhD students continued working on their theses, one had her doctoral proposal approved by the Higher Degrees Committee, and two masters students submitted their theses while four others worked towards completing theirs.

Staff also remained active in their research activities and produced 4 publications in highly reputed peer-reviewed journals. At the same time, six papers plus two posters were presented at conferences nationally and one paper and one exhibition were presented at international conferences (Italy and New Zealand). The Department continued its collaboration with Stellenboch University in carrying out research on Educated mother-tongue South African English. At the beginning of the year, three postgraduate students presented posters and papers to an international audience in Cape Town. At home the Department continued with its programme of holding fortnightly research seminars. Mr. Bekker completed and submitted his PhD thesis on the acoustic analysis of South African English accent. Dr de Vos embarked on the SANPAD-funded project titled Morphosyntactic variation in varieties of Afrikaans. In addition, the Department established an exchange agreement with the Department of English Language and Culture at Vrije Universiteit Amsterdam. Dr Simango continued his participation in the CASAS project on harmonization and standardization of the orthographies of African languages by conducting workshops in Windhoek (Namibia), Lusaka (Zambia) and Juba (Sudan).

Prof Adendorff and Dr Simango are members of the Academy of Science of South Africa; Dr de Vos, Ms Pienaar and Dr Simango serve on the executive board of the Linguistic Society of Southern Africa. Dr Simango is also a member of the editorial board for the journal Southern African Linguistics and Applied Language Studies as well as the journal The Open Applied Linguistics Journal (Bentham Science Publishers) for which he is also a reviewer.

DR RON SIMANGO
ACTING HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

De Vos,MA


Hunt,S

Pienaar,KM and Marshall,C

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences
Adendorff,RD


Aziakpono,P

De Vos,MA

Hunt,S and La Rose,C

MacFarlane,D

Marshall,C

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

De Vos,MA

Pienaar,KM

Simango,SR

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<td>De Vos,MA &quot;Deriving Narrow Syntax through constraints on information structure: a parallel between linguistic models of displacement and database theory&quot;. Lingua. 2008. 118,1864-1899.</td>
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ENVIRONMENTAL SCIENCE

The Department of Environmental Science had a good year in terms of research completed and outputs, although a little down on the previous couple of years. This year we have 12 papers in refereed journals, 5 book chapters, and 16 conference presentations, which, although lower than previously, is still well above the university and national norms on a per capita basis. Particularly pleasing is the high number of conference presentations led by postgraduate students. The dip in subsidy-earning publications is balanced by a good output of postgraduates, with four Masters (Dylan McGarry, Collins Nsor, Jim Saunders and Melita Steele) and one PhD (Kelly Scheepers) graduating in April 2008. Kelly was the first PhD graduate from the department who started as an undergraduate with us and progressed through to the PhD level – a significant landmark for our young department. By the end of 2008 we have had six postgraduates submitting theses for examination, four Masters (Nic Davenport, Shafick Hoosain, Claire Martens, Mike Powell) and two PhDs (Georgina Cundill and Sarah Kaschula), and will hopefully graduate in April 2009. During 2008 we had the largest ever Honours and joint Honours class, which should bode well for publication output in the next year or so. Mr Matt McConnachie’s application to upgrade his Masters degree to a PhD was successful.

This year saw two new academic staff join the department. In March Professor Fred Ellery joined the team (following the resignation of Professor Christo Fabricius in late 2007) and fills a much needed niche in promoting research and teaching around wetland systems. He has already published his first peer-reviewed journal paper under Rhodes’ affiliation. In July Dr Sheona Shackleton was formally appointed in the department after having spent a number of years as a self-funded Research Associate. Her expertise and research productivity in rural livelihoods and natural resources formalises this niche area of the department to which she has already contributed for a number of years. Dr James Gambiza continued working on his thesis for a Masters in Education, which should be complete in early 2009.

We were hugely pleased when a paper published by Nigel Chalmers and Prof Christo Fabricius (formerly of the department) was selected for the Ralf Yorque Memorial Prize as the most novel paper published in 2007 in the journal *Ecology and Society* that integrates different streams of science to assess fundamental questions in the ecological, political, and social foundations for sustainable social-ecological systems.

In January the department hosted a four day international policy dialogue on the contribution of African indigenous vegetables to urban agriculture in African cities. It was the culmination of a two-year European Commission funded project exploring the same topic. The primary aims of the workshop to (i) summarise and highlight the key scientific messages, (ii) translate the scientific messages into policy lessons and language, and (iii) deliver the policy lessons to a selection of invited policy makers. It was attended by 85 policy makers and scientists, mostly from other African countries. A book will published in 2009.

Since it was the 10th year of Environmental Science at Rhodes, we had many distinguished visitors to the department, who shared their thoughts and experiences in a variety of thought provoking lectures. These included:

(i) Dr Bob Smith (Durrell Institute of Conservation & Ecology at the University of Kent, Canterbury, UK) on “Marketing and conservation: how to lose friends and influence people”;
(ii) Professor Kevin McSweeney (Dept Soil Science and Environmental Studies, University of Wisconsin, Madison USA) on “The University of Wisconsin Arboretum: the history and emerging challenges for restoration ecology in an urban setting”;
(iii) Ms Britt Coles (Dept of Interdisciplinary Ecology, University of Florida, USA) on “A woman’s work is never done: a spatio-temporal comparison of the wild harvesting movements of women and girls on the Wild Coast.”;
(iv) Professor James Blignaut (Dept of Economics, University of Pretoria) on “Making markets work for people and the environment” and
(v) A panel discussion on the “the next ten years of Environmental Science” with four national speakers comprised of Tanya Abrahamse (CEO of the South African Biodiversity Institute) Dr Bob Scholes (CSIR), Prof. Coleen Vogel (University of the Witwatersrand) and Dr Rachel Wynberg, (University of Cape Town).

PROFESSOR CHARLIE SHACKLETON
HEAD OF DEPARTMENT
BOOKS/CHAPTERS/MONOGRAPHS

Cundill,G and Fabricius,C

Shackleton,C.M

Shackleton,CM

Shackleton,SE


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Ellery,W.N

Ellery,WN

Fourie,S


Gambiza,J

Kaschula,SA
Knight, AT

McConnachie, M and Shackleton, CM

Shackleton, CM


Shackleton, CM and Gambiza, J

Shackleton, CM and Paumgarten, F

Shackleton, SE and Shackleton, CM

OTHER PUBLICATIONS

Kaschula, SA

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Davenport, N

Fourie, S

Knight, A.T


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences


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<td>Grenfell, M.C., Ellery, W.N and Grenfell, S.E. &quot;Tributary valley impoundment by trunk river floodplain development: a case study from the KwaZulu-Natal Drakensberg foothills, eastern South Africa&quot;. Earth Surface Processes and Landforms. 2008. 33, 2029-2044.</td>
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<td>Beyond timber: certification of non-timber forest products</td>
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FINE ART

A particular highlight of the Fine Art Department’s various outputs for 2008 is Maureen de Jager’s one-person exhibition, In Sepia, which was part of the main programme of the National Arts Festival and travelled to Johannesburg towards the end of the year. Along with numerous group exhibitions by the Studio Practice staff, there were also very important one-person exhibitions by Christine Dixie, Mark Hipper and Brent Meistre.

Departmental outputs also include articles in accredited journals by Pamela Allara, Maureen de Jager, Ruth Simbao, postdoctoral fellow Kylie Thomas, Dominic Thorburn and one co-authored by Brenda Schmahmann and postgraduate John Walters. Ruth Simbao produced a chapter for a book and Brenda Schmahmann produced catalogue essays for shows by De Jager and Dixie.

Staff members often couple work on articles, essays and books with the production of exhibition or book reviews. While reviews are less frequently undertaken by postgraduates, a notable exception was one published by postgraduate Nomusa Makhubu. Not only staff but also postgraduate students have been very active in their conference participation, and there were no less than six departmental offerings at the annual conference of the South African Visual Arts Historians in Stellenbosch in September.

Last, but certainly not least, Ruth Simbao completed her PhD degree from Harvard University and graduated midway through the year.

PROFESSOR BRENDA SCHMAHMANN
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Simbao, R

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Allara, P
Allara, P. "Leora Farber's A Room of Her Own: feminist performance as class play". De Arte. 2008. 77,52-57.

de Jager, M

Schmahmann, B and Walters, J

Simbao, R
Simbao, R. "Afri thing is not what it seems". Art South Africa. 2008. 7(1),58-63.

Thomas, K

Thorburn, D
Thorburn, D. "Political/Poetical". Art South Africa. 2008. 06(03),34-36.

OTHER PUBLICATIONS
Makhubu,N

Schmahmann,B


Simbao,R


Thorburn,D

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

De Jager,MS

Lowe,S

Makhubu,N

Schmahmann,B and Walters,J

Simbao, R

Stirling, S

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Simbao, R


CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

De Jager, MS


Dixie, C.B.

Hipper, M.B.

Meistre, B.A.


Thorburn, D

DISTINGUISHED VISITORS

Allara, P

Carman, J

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<td>Allara, P. &quot;Leora Farber's A Room of Her Own: feminist performance as class play&quot;. De Arte. 2008. 77,52-57.</td>
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<td>Thomas, K. &quot;Selling sorrow: testimony, representation and images of HIV-positive women&quot;. Social Dynamics. 2008. 34(2),216-226.</td>
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POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES

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BOOKS SUBMITTED FOR POSSIBLE SUBSIDY

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<tr>
<td>Sacred waters: arts for Mami Wata and other water divinities in Africa</td>
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GEOGRAPHY

2008 has been a busy and productive year for staff in the Geography Department. We are particularly pleased that our international linkages have been extended and strengthened, resulting in collaborative research and an increased publication output. While our most senior colleague, Emeritus Professor Lewis, has been busy consolidating his research output, younger staff members and postgraduate students have also made an effective contribution.

For Prof. Roddy Fox 2008 was a year of continuing research into educational simulations and scenario building. The research was undertaken in Sweden (Högskolan Väst, University of Linköping), Finland (Turku School of Economics) and South Africa during summer schools and as components of degree curricula. He was accompanied in Finland by Professor Rowntree and Ms Linda Fraenkel, who has developed the water management component of the African Catchment Game as her Masters programme. Her research outcomes were presented in a paper at the conference “Higher Education as a Social Space” held at Rhodes University in December 2008. In August 2008 Professor Fox attended the Tunis IGU conference and co-presented a paper with Prof Per Assmo ‘Teaching the Difficulties of African Development through Role Playing.’ A new trend for Professor Fox was to develop a collaboration with colleagues Prof Elin Wihlborg and Dr David Lawrence of the University of Linköping. They are undertaking a comparative study of the impact of Open Access Research in South Africa and Sweden and will be presenting the results at two conferences in 2009.

This year Prof Kate Rowntree secured a three-year KISC grant from the NRF to work with Prof Ian Foster from Coventry University. They are investigating land degradation and sediment dynamics in the Karoo, using magnetic susceptibility and radionuclide analysis to date sediments that have accumulated in farm dams and match dam sediments to potential catchment sources. This work builds on that of Ian Foster and John Boardman (Oxford University) in the Compassberg area. Associated research has included monitoring soil erosion rates, an investigation of the development of discontinuous gullies with postdoctoral fellow Dr Suzanne Grenfell and Mr Mike Grenfell, and collation and analysis of long-term rainfall records for Karoo farms. Papers on the Karoo research were presented at the SAAG conference in Pretoria (September 2008), the British Geomorphological Society in Exeter UK, (July 2008), and the IAHS conference in Christchurch, New Zealand, (December 2008).

Professor Rowntree's WRC project on Developing a Stakeholder Driven Catchment Management Plan is drawing to a close with the final report nearing completion. Through this project, the research team determined the ecological Reserve for the river and has worked closely with the Kat River Water User Association to negotiate water allocation principles aimed at achieving a more equitable distribution of water to all potential users in the catchment. As a result of this project the Kat River is likely to be one of the first South African rivers for which the Reserve, the water required for basic human needs and ecosystem function, will be implemented. Ms Sharon Birokholz, a Masters student working on this project, presented a paper to the International Conference on Exploring Transdisciplinary Discourses: Water, Society and the Environment, Africa. 20-24 April 2008, The Nest Hotel, Drakensberg, hosted by North-West University, Vaal-triangle Campus. Her paper was voted as second best student presentation.

Professor Rowntree is also collaborating with R3G, based in the Department of Environmental Science, on a rehabilitation project in the Kouga catchment, Eastern Cape, with funding from World Wildlife Fund and the Department of Water Affairs and Forestry through Working for Water. Two Masters students are undertaking MSc research on the impact of the invasive species *Acacia mearnsii* (Black Wattle) on geomorphological processes and soil properties, and the long-term effects of clearing on the potential for rehabilitation of the indigenous vegetation. We look forward to continued research collaboration with Environmental Science.

Ms Gillian McGregor has been active in the Eastern Cape through her research at Cape St Francis/ Oyster Bay and as chairperson of the Thicket Forum. The headland bypass dunefield between Oyster Bay and Cape St Francis is a unique wetland system with potential for RAMSAR status that is threatened by development, alien vegetation invasion and a nuclear power station development. The project has involved interaction with landowners of the St Francis Conservancy as interested and affected parties. It is a collaborative effort with Prof. Richard Cowling of NMMU and Prof Fred Ellery of the Department of Environmental Science. Two field visits with a group of interested experts in May and June have led to a commitment to undertake further research to establish the nature of this unique system. A Masters research student is currently mapping the system and establishing the nature of the geomorphological processes that drive it. A second research Masters student plans to undertake a historic landcover
change survey in 2009. An open day and educational guided walk in the dunefield organised by the St Francis Conservancy and supported by interested experts was held in November for interested parties from the community.

As Thicket Forum chairperson, Ms McGregor and secretary, Ms Bronwyn Palmer (MSc student in the Dept. of Geography), organised the annual Thicket Forum for 2008 which was held in August at the Thomas Baines Nature Reserve. It was attended by 70 delegates from a diverse range of backgrounds: government officials, scientists, consultants, reserve managers, farmers and students. The Forum continues to provide a platform for discussion of a range of topics related to the Thicket Biome on a relatively informal level, covering issues such as policy, research, conservation, traditional livelihoods and development. Keynote speakers included Prof. Graeme Kerley of NMMU and Prof James Blignaut, Resource Economist from the University of Pretoria. An extremely informative and stimulating discussion on biofuels in the Eastern Cape was led by a panel of experts who clarified many misconceptions about the nature of the biofuels industry in South Africa. The field exercise took the form of alien vegetation clearing in the reserve led by a team of Working for Water contractors.

Ms Leanne Du Preez spent three months in the UK on a British Council exchange grant, spending time in Liverpool, Oxford and Coventry. The main aim of the trip was networking with experts in her research field (geomorphology and land degradation, SA landscape history and the policy). She had the opportunity to interact with Prof. Ian Foster of Coventry, Prof. Janet Hooke of Liverpool, and Prof. John Boardman of Oxford. There is potential for future working relationships with all three of these people.

Back home, Ms Du Preez presented a paper at the SAAG conference in Pretoria in September entitled “Puppets or Puppeteers, Scientists or Seers? The Role of Fluvial Geomorphologists in SA river Management”. The paper was well-received and has led to further discussion in the secondary education community. There is a chance that she will be invited to present a similar paper at an education conference in early 2009.

In 2008 Gijsbert Hoogendoorn was appointed as lecturer in the Department of Geography at Rhodes University on a two-year contract. During 2008 he was involved in the co-authoring of four book chapters in an edited collection by Prof Lochner Marais and Prof Gustav Visser called "Spatialities of Urban Change: Selected themes from Bloemfontein at the beginning of the 21st century". In addition to this he also published two articles in accredited journals. Furthermore, Mr Hoogendoorn presented papers at two international conferences, one at the 24th Annual New Zealand Geographical Society Conference at the Victoria University of Wellington, and the second at the ENHR Working Group – Homeownership and globalisation conference at the Delft University of Technology in the Netherlands. Moreover, he was a visiting research student at the Department of Tourism at the University of Otago in New Zealand where he presented a seminar on second home development.

Our Honours students all presented at the Geography Students Conference held at UCT in September. Mr Ryan O'Connor and Ms Fatema Morbi was both placed in the top three presentations. Mr Stuckenburg presented his Honours work at the annual Thicket Forum, held in August at Thomas Baines. Masters student Ms Palmer presented her work at the 5th International Conference on Geographic Information Systems in Turkey and Mr Adrian Pietersen and Mr Bennie van der Waal presented to the "Interfaces" Fynbos Forum August 2008

We are pleased to report that the department now has two visiting professors - Professor Ian Foster from Coventry University (reappointment) and Professor Per Assmo from Högskolan Väst, Sweden. Both scholars have contributed to our publication record and actively engaged in our teaching programme. Their experience complements our young staff members who have joined us recently.

PROFESSOR KATE ROWNTREE
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Foster,IDL
Foster,IDL, Boardman,J and Gates,JB. "Reconstructing historical sediment yields from the infilling of farm reservoirs, Eastern Cape, South Africa". In: Sediment Dynamics in Changing Environments. International
Fox, RC and Rowntree, KM


Lewis, CA


Rowntree, KM


Rowntree, KM and Du Preez, L


Rowntree, KM, Foster, IDL and Du Preez, L


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Foster, IDL


Fox, RC and Assmo, P

Hoogendoorn, G


Lewis, CA
Lewis, CA. "Late quaternary climatic change, and associated human responses, during the last 45 000 years in the Eastern and adjoining Western Cape". *Earth Science Reviews*. 2008. 88,167-187.


McGregor, GK

Rowntree, KM and Fox, RC

**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES**

(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

du Preez, L

Fraenkel, L, Fox, RC and Rowntree, KM

Fraenkel, LA and Fox, RC

Pietersen, A
Rowntree, KM and Foster, IDL

van der Waal, BW

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Foster, IDL, Rowntree, KM and Du Preez, L

Foster, IDL, Rowntree, KM, Du Preez, L and Van der Waal, B

Fox, RC and Assmo, P

Hoogendoorn, G


McGregor, GK

Nel, E


Nel,E and Taylor,B  

Ngcofe,L and McGregor,GK  

Palmer,B and McGregor,GK  

INTERNATIONAL VISIT

du Preez,L  
du Preez,L. Oxford University, Oxford, United Kingdom. Link with Professor John Boardman to discuss approaches to assessing land degradation. 24 April - 19 May 2008.

du Preez,L. Coventry University, Coventry, United Kingdom. Instruction in sediment tracing techniques. 21 June - 15 July 2008.

Fox,RC  


Fox,RC, Rowntree,KM and Fraenkel,LA  

Hoogendoorn,G  

DISTINGUISHED VISITORS

Assmo,P  

### JOURNAL SUBSIDY UNITS

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<td>Foster, IDL</td>
<td>Oldfield, F, Flower, RJ and Keatings, K. &quot;Mineral magnetic signatures in a long core from Lake Qarun, Middle Egypt&quot;. Journal of Paleolimnology. 2008. 40(3), 835-849.</td>
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<td>Foster, IDL</td>
<td>Pittam, NJ and Mighall, TM. &quot;An integrated lake-catchment approach for determining sediment source changes at Aqualate Mere, Central England&quot;. Journal of Paleolimnology. 2008. 0-0.</td>
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<td>Boardman, J and Foster, IDL. &quot;Badland and gully erosion in the Karoo, South Africa&quot;. Journal of Soil and Water Conservation. 2008. 63(4),121-125.</td>
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<td>Lewis, CA</td>
<td>Lewis, CA, Reimer, PJ and Reimer, PW. &quot;Marine reservoir corrections, St Helena, South Atlantic Ocean&quot;. Radiocarbon. 2008. 50,275-280.</td>
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<td>Lewis, CA</td>
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<td>Rowntree, KM and Fox, RC</td>
<td>Rowntree, KM and Fox, RC. &quot;Active learning for understanding land degradation: african catchment game and riskmap&quot;. Geographical Research. 2008. 46(1),39-50.</td>
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<td>Sediment Dynamics in Changing Environments</td>
<td>Post-European settlement impacts on erosion and land degradation; a case study using farm reservoir sedimentation in the Eastern Cape, South Africa</td>
<td>Rowntree K, Foster IDL, Du Preez L (Mighall T, Boardman J)</td>
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<td>Sediment Dynamics in Changing Environments</td>
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<td>Game Theory and Policy Making in Natural Resources and the Environment</td>
<td>To negotiate or to game theorize: evaluating water allocation mechanisms</td>
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<td>Geomorphology of the Eastern Cape, South Africa</td>
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<td>River Futures: an Integrative Scientific Approach to River Repair</td>
<td>Application of integrative river science in the management of South Africa</td>
<td>Rowntree KM, Du Preez L</td>
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GEOLOGY
The peak in the mineral commodities “megaboom” occurred in 2008 (cut short by the ongoing global economic crisis), which meant that the mining and exploration industries were particularly zealous in recruiting undergraduate and postgraduate geologists for well-remunerated jobs in industry. One consequence was that our postgraduate research suffered in 2008, when most of our research postgraduates left the research community for “greener” pastures. Nonetheless, Geology faculty continued to develop new research programs through the NRF and international funding sources, whilst developing prospective research students, and the Department’s research output did not suffer in comparison with previous years. Eleven subsidy-earning refereed journal articles were produced, along with thirteen conference abstracts.

The Department’s research continued to be heavily invested in international collaborations, many of which are beginning to bear fruit in terms of research students and publications. The Xstrata Research Fellow, Dr Alexandre Cabral, continued to work closely with colleagues in Germany and Brazil on a broad range of projects from southern Africa and South America. Prof. Marsh continued his ongoing collaboration with scientists from the Institut de Physique du Globe de Paris, as the Principal South African investigator in one of the projects of the joint South African-French “!Khure Africa” program. Dr Emese Bordy’s participation as a principal investigator on a joint Hungarian-South African co-operation program continued to the end of 2008, and she continued to be involved in collaborative research between South Africa and Botswana. Dr Steve Prevec’s research facilitated by the Finnish Academy of Science was in the “writing-up” phase, and a new NRF-funded international collaborative project between South African and China was initiated at the end of 2008 to study mineralised rocks in China. Dr Hari Tsikos continued to collaborate with European-based colleagues investigating biogeochemical cycles in the near surface environment using novel isotope systems.

The EDS analytical system acquired through DAAD (German) funds in late 2007 by Geology Dept staff was installed early in 2008 in the Electron Microscopy Unit, and Dr Steffen Büttner was and is heavily involved in the development of this equipment as a viable analytical tool at Rhodes. The Electron Microprobe facility in Geology also became “reoperational” in 2008, courtesy of Dr Barbara Kuhn, and has provided the basis for several new research projects.

Geology at Rhodes is still in a transitional growth and development phase, having seen the replacement of most of the academic staff that were present before 2002. It is also strongly affected by the economic vagaries of the minerals industry. The progress that was made in 2008 looks encouraging as the foundation for new research opportunities and deliverables in future.

DR STEPHEN PREVEC
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Marsh,JS

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bordy,EM

Cabral, AR, Galbiatti, HF, Kwitko-Ribeiro, R and Lehmann, B. "Platinum enrichment at low temperatures and related microstructures, with examples of hongshiite (PtCu) and empirical 'Pt2HgSe3' from Itabira, Minas Gerais, Brazil". Terra Nova. 2008. 20, 32-37.


Marsh, JS


Moore, A

Skinner, EMW

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Bordy, EM

Kuhn, BK

Prevec, R

Prevec, R and Prevec, SA

**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)**

**ii. International Conferences**

**Bordy, EM**

**Bordy, EM and Prevec, R**

**Marsh, JS**

**Prevec, R**

**Prevec, SA, Kuhn, BK and Büttner, SH**

**Segwabe, T and Bordy, EM**

**Tsikos, H and Moore, JM**


**INTERNATIONAL VISIT**

**Tsikos, H**
Tsikos, H. Oxford University, Oxford, United Kingdom. Laboratory Work with Dr Hugh Jenkyns. 1 - 9 December 2008.
### DISTINGUISHED VISITORS

**Courtillot, V**  

**Ferré, E**  

**Fluteau, F**  

**Gerard, M**  

### JOURNAL SUBSIDY UNITS

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<td>Bordy, EM</td>
<td><em>Bordy, EM. &quot;Enigmatic trace fossils from the Lower Jurassic Clarens Formation, Southern Africa&quot;</em>. Palaeontologia Electronica. 2008. 11(3),16-16.</td>
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<td>Cabral, AR</td>
<td><em>Cabral, AR, Rocha Filho, OG and Jones, RD. &quot;Mercury in itabirite-hosted soft hematite ore in the Quadrilátero Ferrífero of Minas Gerais&quot;</em>. Journal of Geochemical Exploration. 2008. 96,69-76.</td>
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<td><em>Cabral, AR, Galbiatti, HF, Kwikto-Ribeiro, R and Lehmann, B. &quot;Platinum enrichment at low temperatures and related microstructures, with examples of hongshiite (PtCu) and empirical ‘Pt2HgSe3’ from Itabira, Minas Gerais, Brazil&quot;</em>. Terra Nova. 2008. 20,32-37.</td>
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<td>Marsh, JS</td>
<td><em>McClintock, M, Marsh, JS and White, JDL. &quot;Compositionally diverse magma types erupted close together in space and time within a Karoo flood basalt crater complex&quot;</em>. Bulletin of Volcanology. 2008. 70,923-946.</td>
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HISTORY

Professor Gary Baines has had a particularly productive year. His book of essays on South Africa’s border war, co-edited with Professor Peter Vale, was published by UNISA Press and launched at the Grahamstown Festival. Gary has continued his work in the field of memory studies, publishing articles or giving conference papers on a range of topics, including a comparison of the My Lai and Cassinga massacres, and an article on the commemoration of the 1976 Soweto uprising. He is also moving into the field of trauma studies, giving a paper on the subject at a conference in Australia.

Dr Alan Kirkaldy was the chief organiser of the biennial conference of the Historical Association of Southern Africa, held at Rhodes in July. He also gave a paper on homophobia at Rhodes at the conference. His chapter on the Venda landscape in the late 19th century was published in an edited collection of essays.

Carla Tsampiras continued work on her Ph.D thesis which is examining early reactions to HIV/AIDS in South Africa in the 1980s. One chapter was published as an article in the South African Historical Journal. Enocent Msindo gave a paper on Ndebele ethnicity at the CODESRIA conference in Kampala. Richard Marshall completed his MA thesis, with distinction, on the early history of Grahamstown.

PROFESSOR PAUL MAYLAM
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Baines,G


Kirkaldy,A

Maylam,PR

Wells,J

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Baines,G
Baines,G. "Blame, shame or reaffirmation: white conscripts reassess the meaning of the "Border War" in post-apartheid South Africa". Interculture. 2008. 5(3), http://dih.fsu.edu/interculture/volume 5 3

Tsampiras,C

OTHER PUBLICATIONS

Baines,G


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Baines,G

Maylam,PR

Tsampiras,C

ii. International Conferences

Baines,G

Kirkaldy, A

Msindo, E

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Baines, G

Kirkaldy, A

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<td>History and memory: present reflections on the past to build our future</td>
<td>Representing and remembering the Soweto uprising: constructing the narrative of South Africa's liberation struggle</td>
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<td>Beyond the Border War: new perspectives on Southern Africa's late-cold war conflicts</td>
<td>Introduction: challenging the boundaries, breaking the silences</td>
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<td>Popular music and negotiating whiteness in apartheid South Africa</td>
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<td>Composing apartheid: music for and against apartheid</td>
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<td>Toxic belonging: identity and</td>
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<td>ecology in southern Africa</td>
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HUMAN KINETICS AND ERGONOMICS

The Department of Human Kinetics and Ergonomics published in peer reviewed journals and books, further contributed to top international and national conferences. In total 21 peer reviewed contributions were published.

Three papers were written by students as first authors, demonstrating the quality of student projects and the competency acquired. The topics of the published papers were widely spread across the whole range of activities in the field of Human Kinetics and Ergonomics, reflecting research in manual materials handling, agricultural ergonomics, multiple task performance, visual performance, ergonomics design, ergonomics in quality management and the role of ergonomics for supporting sustainable development.

Besides the written papers the HKE department presented at conferences in South Africa and the USA, Brasil and Australia.

PROFESSOR MATTHIAS GOEBEL
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Christie,CJ

Goebel,M, Ngcamu,N and Zschernack,S

Scott,PA

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bennett,Al, Desai,SD, Todd,Al and Freeland,H

Christie,CJ
Christie,CJ. "Relationship between energy intake and expenditure during harvesting tasks". Occupational Ergonomics. 2008. 8(1),1-10.

Christie,CJ and King,GA

Christie,CJ, Todd,Al and King,GA

Christie,CJ, Todd,Al, Hutchings,J and Elliott,AB
Scott,PA

Todd,Al

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Davy,JP and Zschernack,S

Desai,SD and Todd,Al

Mattison,MC

Todd,Al

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Christie,CJ, Todd,Al and Brock,R

Goebel,M

Kelly,JA and Christie,CJ

Scott,PA
Scott,PA. "Practical ergonomics can, and must, play a more dynamic role in developing countries ". First International Conference on Ergonomics: ergonomics is necessity, not choice. Olympic Hotel, Tehran. Iran. May 2008.
Todd, AI and Joiner, A

Zschernack, S and Goebel, M

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<td>Human factors in organisational design and management IX</td>
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ICHTHYOLOGY AND FISHERIES SCIENCE

The Department of Ichthyology and Fisheries Science (DIFS) plays a key role in the region by providing capacity to undertake specialist research in collaboration with various partners and stakeholders. Tony Booth spent two months of his sabbatical in Juneau, Alaska collaborating with NOAA scientists on an assessment of the sablefish resource. The sablefish fishery is valued at $100 million annually. Preliminary results show that population abundance is driven by cyclical recruitment, which in turn, is decreasing steadily due to global warming.

Prof Horst Kaiser’s fish health research programme is seen as vital for the growth of the aquaculture industry. He delivered a specialist Fish Health Management course for State Veterinarians. Dr Olaf Weyl’s freshwater fish group undertook research for SANParks in its effort to understand and manage the fish fauna of the Greater Addo National Park. Warwick Sauer and post-doc Warren Potts launched their NRF funded Angola Artisanal Fisheries collaborative research project with Agostino Neto University and the Angolan Artisinal Fisheries Institute.

A multi-disciplinary research project for Marine and Coastal Management on the problem of abalone poaching was completed by Prof Peter Britz and PhD student, Serge Raemaekers. The DIFS continued to work closely with the aquaculture industry, with Dr Cliff Jones leading four industry/THRIP funded aquaculture projects on abalone and sole culture. Emeritus Professor Tom Hecht led research on the changes in the catch composition and socio-economics of the Port Alfred line fishery. Prof’s Tony Booth and Warwick Sauer are playing coordinating roles in the Agulhas Somali Current Large Marine Ecosystem Programme (ASLME) research and training components respectively.

As a result of the DIFS’ close working relationships with stakeholders, and the relevance of the research undertaken, the post-graduate students employed in the various projects find ready employment.

PROFESSOR PETER BRITZ
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Kaiser,H

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bernatzeder,AK and Hecht,T

Booth,AJ and Weyl,OLF

Childs,AR, Booth,AJ and Potts,WM


Childs, AR and Potts, WM

Collett, P, Vine, NG and Kaiser, H


James, N, Cowley, PD, Whitfield, AK and Kaiser, H. "Choice chamber experiments to test the attraction of postflexion *Rhabdosargus holubi* larvae to water of estuarine and riverine origin". *Estuarine Coastal and Shelf Science*. 2008. 77,143-149.

Dicken, ML and Booth, AJ
Dicken, ML, Booth, AJ and Smale, MJ. "Estimates of juvenile and adult raggedtooth shark (*Carcharias taurus*) abundance along the east coast of South Africa". *Canadian Journal of Fisheries and Aquatic Sciences*. 2008. 65,621-632.

Ellender, BR, Weyl, OLF and Shanyengange, MK

Götz, A

Götz, A and Sauer, HH

Götz, A, Kerwath, SE and Sauer, WHH

Hecht, T

Hecht, T and Booth, AJ

Huchzermeyer, KDA and Andrew, TG
James, N. and Kaiser, H. "Choice chamber experiments to test the attraction of postflexion Rhabdosargus holubi larvae to water of estuarine and riverine origin". Estuarine Coastal and Shelf Science. 2008. 77,143-149.


Yearsley, RD, Jones, CLW and Britz, PJ

Yearsley, RD, Jones, CLW and Britz, PJ. "Effect of settled sludge on dissolved ammonia concentration in tanks used to grow abalone (Haliotis midae L.) fed a formulated diet". *Aquaculture Research*. 2008. 40(2),166-171.

**OTHER PUBLICATIONS**

Weyl, OLF


**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)**

i. Local Conferences

Bennett, RH, Sauer, WHH, Gotz, A and Palmer, RM


Bernatzeder, AK and Hecht, T


Booth, AJ


Booth, AJ, Weyl, OLF and Traas, GRL


Chalmers, R, Gotz, A and Sauer, WHH


Cowley, PD


Ellender, BR, Weyl, OLF and Shanyengange, MK

Ellender, BR, Weyl, OLF and Winker, H

Ellender, BR, Weyl, OLF, Winker, H and Booth, AJ

Escobar-Porras, J and Sauer, WHH

Green, AJ, Jones, CLW and Britz, PJ


James, NC

Jones, CLW, Yearsley, RD and Britz, PJ

Kemp, JOG, Paulet, G and Britz, PJ

Mthombeni, V and Weyl, OLF

Potts, WM, Sauer WHH, Childs


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences


Gotz,A


Jones,CLW, Woolley,LD and Britz,PJ

Kahwa,D, Kaiser,H and Rutaisire,J

Naigaga,I and Kaiser,H

Raemaekers,S and Britz,PJ

Sauer,WHH

Vine,NG, Collett,P and Kaiser,H

Weyl,OLF, Winker,H, Ellender,BR and Booth,AJ

Winker,H, Weyl,OLF, Booth,AJ and Ellender,BR

INTERNATIONAL VISIT

Booth,AJ
Booth,AJ. National Marine Fisheries Service, Juneau, United States of America. Research was conducted on the development of an alternative population dynamics model for the Alaskan sablefish resource. 1 July - 15 August 2008.
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<td>Naesje,TF, Childs,AR, Potts,W, Thorstad,EB and Okland,F. &quot;Movements of undersized spotted grunter (<em>Pomadasys commersonii</em>) in the Great Fish Estuary, South Africa: implications for fisheries management&quot;. Hydrobiologia. 2007. 582,25-34.</td>
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<td>James,N, Cowley,PD, Whitfield,AK and Kaiser,H. &quot;Choice chamber experiments to test the attraction of postflexion <em>Rhodosargus holabii</em> larvae to water of estuarine and riverine origin&quot;. Estuarine Coastal and Shelf Science. 2008. 77,143-149.</td>
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<td>Hecht, T</td>
<td>Kriet, J and Hecht, T. &quot;A review of early gadiform evolution and diversification: first record of a rattail fish skull (Gadiformes, Macrouridae) from the Eocene of Antarctica, with otoliths preserved in situ&quot;</td>
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<td>Huchzermeyer, KDA and Andrew, TG</td>
<td>Huchzermeyer, KDA, Mbeha, BC, Nengu, SM and Andrew, TG. &quot;Epizootic ulcerative syndrome affecting fish in the Zambezi river system in southern Africa&quot;</td>
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<td>James, N and Kaiser, H</td>
<td>James, N, Cowley, PD, Whitfield, AK and Kaiser, H. &quot;Choice chamber experiments to test the attraction of postflexion Rhabdosargus holubi larvae to water of estuarine and riverine origin&quot;</td>
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<td>James, NC</td>
<td>James, NC, Whitfield, AK and Cowley, PD. &quot;Long-term stability of the fish assemblages in a warm-temperate South African estuary&quot;</td>
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<td>Kemp, JOG and Britz, PJ</td>
<td>Kemp, JOG and Britz, PJ. &quot;The effect of temperature on the growth, survival and food consumption of the east coast rock lobster Panulirus homarus rubellus&quot;</td>
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<td>Potts, W, Hecht, T and Andrew, T</td>
<td>Potts, W, Hecht, T and Andrew, T. &quot;Does reservoir trophic status influence the feeding and growth of the sharptooth catfish, Clarias gariepinus (Teleostei: Clariidae)&quot;</td>
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<td>Potts, WM, Childs, AR and Sauer, WHH</td>
<td>Potts, WM, Childs, AR, Sauer, WHH and Duarte, A. &quot;Using baseline biological and ecological information to design a traffic light precautionary management framework for the leerfish Lichia amia (Linnaeus 1758) in southern Angola&quot;</td>
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<td>Weyl, OLF</td>
<td>Weyl, OLF. &quot;Rapid invasion of a subtropical lake fishery in central Mozambique by Nile tilapia, Oreochromis niloticus (Pisces: Cichlidae)&quot;</td>
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<td>Weyl, OLF and Booth, AJ</td>
<td>Weyl, OLF and Booth, AJ. &quot;Validation of annulus formation in otoliths of a temperate population of adult African sharptooth catfish Clarias gariepinus using fluorochrome marking of wild fish&quot;</td>
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Yearsley,RD, Jones,CLW and Britz,PJ

Yearsley,RD, Jones,CLW and Britz,PJ. "Effect of settled sludge on dissolved ammonia concentration in tanks used to grow abalone (Haliotis midae L.) fed a formulated diet". Aquaculture Research. 2008. 40(2),166-171.

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| Participatory approaches to reservoir fisheries management: issues, challenges & policies | Lessons learnt from 10-years of co-management in Lake Malombe, Malawi, Africa and their applicability to Sri Lanka's perennial reservoirs | Weyl OLF |
INFORMATION SYSTEMS

A total of 34 post-graduate honours (27), masters (4) and doctoral (3) students engaged in a variety of research projects during the year. Areas of research included: advanced learning technologies, data warehousing, global software development, requirements management, veterinary informatics, mobile useability, social networking sites, ICT studies enrolment patterns, women in ICT, SOA, Software Testing, ICT for sustainable development, alignment of business and IT strategy, ICT Service management, ICT sustainability reporting.


Ms Brenda Mallinson and Mr Norman Nyawo were rewarded for their research efforts at IADIS by being awarded the Best Paper Award in the ‘Position Paper’ category. Mr Amon Magadza and Prof Greg Foster were awarded the Best Poster Presentation at SAICSIT-Post-Graduate Symposium. Mr Kevin Rafferty, Dr Kevin Whittington-Jones and Prof David Sewry were nominated for the Best Paper Award at the International Business Conference.

A number of journal articles were written by staff and published in international journals. Prof David Sewry and Mr Mathew Charlesworth published a chapter entitled “Ethical Theories and Computer Ethics” in the Handbook of Research on Technoethics. Ms Brenda Mallinson, Ms Lindsay Vos, Ms Caroline Pade and Prof David Sewry also published two chapters (entitled “A Theoretical Investigation of the Synergy Between Enterprise E-Learning and Knowledge Management” and “An Exploration of the Critical Success Factors for the Sustainability of Rural ICT Projects – The Dwesa Case Study”) in the prestigious Springer publication of Information Systems Development - Challenges in Practice, Theory, and Education.

Standard Bank, through their long-standing membership of the Department’s industry Advisory Board, funded access to the prestigious Gartner Reports. The Reports are a valuable source of information for research at all levels.

Ms Brenda Mallinson was appointed as a Research Associate. This appointment bolsters considerably the Department’s research capacity especially in the area of eLearning. Prof Malcolm Sainsbury, Visiting Professor, spent valuable time in the Department working and collaborating with staff and students in the area of Information Systems Management.

PROFESSOR DAVE SEWRY
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Sewry,D

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Pade,C, Mallinson,B and Sewry,D
Palmer, L

OTHER PUBLICATIONS

Schlenkrich, L

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS AND ATTENDANCE)

i. Local Conferences

Benyon, R


Dorrington, P, Rafferty, K and Foster, G

Foster, G


Magazda, A and Foster, G

Rhodes University Research Report 2008 - 128
Mallinson, B and Madondo, F

Mallinson, B

Palmer, L

Schenkrich, L and Sewry, D

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Benyon, R

Benyon, R and Sewry, D

Finn, S and Benyon, R

Mallinson, B and Vos, L

Mallinson, B and Nyawo, N

Pade, C, Mallinson, B and Sewry, D

Pade, C, Mallinson, B and Sewry, D
Rafferty, K and Sewry, D

Schlenkrich, L and Upfold, C

Sewry, D, Benyon, R and Johnston, R

Von Urff Kaufeld, N, Chari, V and Freeme, D

DISTINGUISHED VISITORS
Sainsbury, M

INFORMATION TECHNOLOGY DIVISION

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(PROCEEDINGS, BOOKLETS and ATTENDANCE)
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<td>e-merge Online conference proceedings</td>
<td>Investigating popular internet applications as supporting e-learning technologies for teaching and learning with generation Y</td>
<td>Halse M, Mallinson BJ</td>
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<td>2nd European conference on information management and evaluation</td>
<td>An investigation of the effective management of communication for successful distributed software development teams</td>
<td>Finn S, Benyon R</td>
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<td>2nd European conference on information management and evaluation</td>
<td>Project management practice for rural ICT project sustainability in developing countries</td>
<td>Pade C, Mallinson BJ, Sewry D</td>
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<td>2nd European conference on information management and evaluation</td>
<td>A guideline for virtual team managers: the key to effective social interaction and communication</td>
<td>Schlenkrich L, Upfold C</td>
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<td>2nd European conference on information management and evaluation</td>
<td>Critical success factors for effective IT leadership</td>
<td>von Urff Kaufeld N, Chari V, Freeme D</td>
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<td>The 2008 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT)</td>
<td>Investigating the viability of scroll-wheel interfaced mobile phones for text entry”.</td>
<td>Slay H, Foster G, Mukadah E</td>
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<td>10th Annual Conference on World Wide Web Applications</td>
<td>Backbase ajax framework and Adobe flex for rich internet application development: a comparative study</td>
<td>Maema M, Foster G</td>
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<tr>
<td>Proceedings of 2008 International Conference on Information Resource Management</td>
<td>15F. An investigation of a framework for the implementation of service management in the information and communication technology sector</td>
<td>Benyon RV, Sewry D</td>
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<td>Information Systems Development: challenges in practice, theory and education</td>
<td>A theoretical investigation of the synergy between enterprise e-learning and knowledge management</td>
<td>Mallinson B, Vos L</td>
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<td>Information Systems Development: challenges in practice, theory and education</td>
<td>An exploration of the critical success factors for the sustainability of rural ICT - The Dwesa case study</td>
<td>Pade C, Mallinson BJ, Sewry D</td>
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<td>Proceedings of e-Learning 2008</td>
<td>A proposed theoretical model for evaluating e-learning</td>
<td>Mallinson B, Nyawo N</td>
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<td>IBC second international business</td>
<td>Corporate sustainable development and</td>
<td>*Rafferty K,</td>
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conference: leadership and sustainable business development  
Proceedings of SAICSIT 2012  
| environmental sustainability reporting in the South African JSE sector entities in 2005 | Whittington-Jones K, Sewry D |
| Work in progress: investigation and decision of a prototype cell phone enabled surveillance system of zoonotic disease outbreaks | Magadza A, Foster G, Slay H |

**BOOKS SUBMITTED FOR POSSIBLE SUBSIDY**

<table>
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<tr>
<th>TITLE OF BOOK</th>
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<th>AUTHOR(S)</th>
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<tbody>
<tr>
<td>Handbook of Research on Technoethics</td>
<td>Ethical theories and computer ethics</td>
<td>Charlesworth, M, Sewry D</td>
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</table>
INSTITUTE FOR THE STUDY OF ENGLISH IN AFRICA

The Institute enjoyed a productive and successful year, which included substantial progress on the research front.

The Director Professor Laurence Wright continues his research into the reception of Shakespeare in South Africa. He published two articles on the mid-nineteenth century Shakespeare lectures of Nathaniel Merriman, including one which supports indirectly the identification of the Xhosa Prophet Mhlakaza as the first Xhosa Anglican convert, Wilhelm Goliat, and prepared annotated editions of the lectures. He also heads the international collaborative ‘Southern Hemisphere Spread of Shakespeare’ research and publication programme, which coordinates work by more than thirty researchers in South Africa, Australasia and the United Kingdom. A collection of essays entitled *Australasian Shakespeare in the Twentieth Century* is in preparation for the Fairleigh Dickinson University Press; while a similar compilation, *South African Shakespeare in the Twentieth Century*, will appear in *The Shakespearean International Yearbook* in 2009. Two chapters on J.M. Coetzee were published this year in separate essay collections, and a further will appear in 2009. In addition, he produced *Stimela: Railway Poems of South Africa* (Echoing Green press, 2008), a contribution a fresh field of South African literary, industrial and social history.

Dr Hendricks contributes to the ABLE (Additive Bilingual Education) project, based at the Sosebenza School in Tarkastad. Her research into the literacy and writing ability in English of Intermediate Phase learners enabled her to participate in the *Ulwimi Lwenkobe Ngundoqo* and the Bilingualism Symposium held in association with this research project.

Chris Mann, Honorary Professor of Poetry, continues to publish prolifically and to perform his work country-wide through travelling multi-media presentations, often in collaboration with his wife, Julia Skeen. This year he undertook an extensive international tour of the United Kingdom and the United States. Highlights of the tour included a keynote address at the conference on ‘The Poetics of Conflict’ held at Bridgewater, Virginia, and performances at St John’s College, Oxford, at SOAS (University of London), and for the Institute for Literature and Theology, Glasgow University.

Deyi Mbelani, who joined the Institute this year, has published two research articles describing recently-completed classroom-based action research into the teaching of visual literacy and its assessment in rural schools.

Research into the impact of the ISEA’s ACE (ELT) teacher education programme continues. The HSRC benchmark post-test has been conducted with the Grade 11 learners in the districts of Fort Beaufort and King Williams Town. The results have to be analysed in relation to the pre-test results of the Grade 10 learners collected in 2007. Initial indications are that a modest level of improvement has been achieved even at this early stage.

Dr Chris Thurman was appointed as the new editor of *Shakespeare in Southern Africa* in succession to Dr Brian Pearce, and Ms Crystal Warren succeeds Ms Joan Metelerkamp as editor of *New Coin Poetry*. Professor Mike Marais continues as editor of *English in Africa*.

PROFESSOR LAURENCE WRIGHT
DIRECTOR OF INSTITUTE

BOOKS/CHAPTERS/MONOGRAPHS

*Berold,R*

*Butler,G*
Mann, CM


Wright, L


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Hendricks, M


Mann, CM

"Seeing the cosmos in a grain of sand". Current Writing. 2008. 66(6),66-76.

"In praise of good administrators". English Academy Review. 2008. 25(1),144-145.


"Getting the boot". Literator. 2008. 29(1),308.

"Blood in the night". Literator. 2008. 29(1),309.


Mann, CM. "Real cricket". Scrutiny 2. 2008. 13(2),94.


Mbelani, M

Wright, L.S


OTHER PUBLICATIONS

Koch E, Hendricks, Jackson MJ, Foli CM

Leff, C


Mann, CM


Wright, LS

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Hendricks, M

Hendricks, M and Lekena, T

Wright, LS
ii. International Conferences

Mann, CM


CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Mann, CM


Mann, CM. Performance of poems on TV. “To - in a supermarket, the doves of South Africa “. SATV1 Morning Live. DSG Hall. Grahamstown, South Africa. 2 July - 2 January 2008.


Mann, CM. Multimedia Poetry Participation. “May you still see the rainbow through the sky”. May you still see the rainbow through the sky. Rhodes University. Grahamstown, South Africa. 9 October 2008.


Mann, CM. Writer of text of Multimedia DVD. "Epiphanies (DVD)". National Arts Festival Fringe. n/a. Grahamstown, South Africa. 1 June - 31 December 2008.


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<tr>
<td>Hendricks, M. &quot;Capitalising on the dullness of the data: a linguistic analysis of a grade 7 learners' writing&quot;. Southern African Linguistics and Applied Language Studies. 2008. 26(1), 27-42.</td>
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<td>Mann, CM. &quot;Seeing the cosmos in a grain of sand&quot;. Current Writing. 2008. 66(6), 66-76.</td>
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<td>Wright, LS. &quot;Something rotten in this age of hope: review of The Hamlet Machine&quot;. Shakespeare in Southern Africa. 2008. 66-68.</td>
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<td>Stimela: Railway Poems of South Africa</td>
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<td>Toxic belonging: identity and ecology in southern Africa</td>
<td>Ecological thinking: Schopenhauer, J.M. Coetzee and who we are in the World</td>
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<td>Renaissance Poetry and Drama in Context : Essays for Christopher Wortham</td>
<td>Disgrace as J.M. Coetzee's Tempest</td>
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INSTITUTE FOR WATER RESEARCH

This report covers research highlights that are not covered by the submission of published journal articles and chapters in books.

Book Chapter

Scientific reports
The IWR generated 6 scientific reports to its various research funders during 2008. Most of these were interim deliverable reports while two were final reports at the conclusion of projects.

Conferences attended during 2008
- British Hydrological Society symposium held in Exeter, UK during September 2008 (Prof Hughes) partly supported by Rhodes University. A paper was presented and appeared in the proceedings.
- Annual WATERNET conference held in Johannesburg during October 2008 (Prof Hughes and Mr Sawunyama). Prof Hughes presented an invited paper.
- IASTED AfricaWRM conference held in Gaberone, Botswana during September 2008 (Dr Mantel, Ms Gola and Mr Zuma). Three presentations were made at this conference.
- Training workshop on adaptive management in Integrated Water Resource Management held in Lesotho during March 2008 (Dr Mantel and Mrs Haigh).

Post-graduate and post-doctoral students
1 MSc (Hydrology) student graduated during 2008. The Institute has 8 registered PhD and 3 MSc students (in either Hydrology or Water Resource Sciences) as well as assists with supervision of 1 PhD and 1 MSc students in Ichthyology. The Institute hosted 3 post-doctoral students during 2008.

Other highlights
Prof Hughes acted as the facilitator for chapter 2 (‘State of the Resource’) of the UNESCO Third World Water Development Report. This is a global report on the state of global water resources that is published by UNESCO every three years. He was also remains as a vice-president of the IAHS commission on surface water. Prof Hughes is the regional coordinator for the Southern Africa FRIEND project (a UNESCO IHP initiative), serves on the South African Committee for the UNESCO IHP and remains chairperson of SANCIAHS (South African Committee for the International Association of Hydrological Sciences).

Dr Muller continues to serve on the Board of Amatole Water.

The IWR was successful in their bid for funds from the Carnegie Foundation to establish the Southern Africa Water Resources Network under the Carnegie RISE (Regional Initiative in Science and Education). The network consists of Rhodes, the University of Botswana, Eduardo Mondlane University in Mozambique, Makerere University in Uganda and the University of Zimbabwe. The total value of the grant is $800 000 over two years and is mostly designed for the development of postgraduate students. Through this programme, 4 PhD, 2 MSc and 1 postdoctoral fellow will be joining the IWR during 2009.

PROFESSOR DENIS HUGHES
DIRECTOR OF INSTITUTE
PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Gordon, AK and Muller, WJ

Hughes, DA

Kapangaziwiri, E and Hughes, DA

Muller, N

Rivers-Moore, NA


Rivers-Moore, NA and Hughes, DA
Rivers-Moore, NA, Hughes, DA and de Moor, FC. "A model to predict outbreak periods of the pest blackfly Simulium chutteri Lewis (Simuliidae, Diptera) in the Great Fish river, Eastern Cape Province, South Africa". River Research and Applications. 2008. 24, 132-147.

Rivers-Moore, NA, Hughes, DA and Mantel, S

Sawunyama, T and Hughes, DA

Slaughter, A.R, Palmer, C.G and Muller, W.J.

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences
Gola, NP and Muller, WJ

Muller, N

Zuma, B.M

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<tr>
<th>JOURNAL SUBSIDY UNITS</th>
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<tr>
<td>Gordon, AK and Muller, WJ</td>
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<tr>
<td>Gordon, AK, Blatch, GL, Daniel, S and Muller, WJ. &quot;Stress protein responses in South African freshwater invertebrates exposed to detergent surfactant linear alkylbenzene sulfonate (LAS)&quot;. Water Air and Soil Pollution. 2008. 193,123-130.</td>
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<td>Hughes, DA</td>
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<td>Hughes, DA and Mallory, S.J.L. &quot;Including environmental flow requirements as part of real-time water resource management&quot;. River Research and Applications. 2008. 23,1-10.</td>
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<td>Kapangaziwiri, E and Hughes, DA</td>
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<td>Kapangaziwiri, E and Hughes, DA. &quot;Towards revised physically- based parameter estimation methods for the Pitman monthly rainfall-runoff model&quot;. Water SA. 2008. 34(2),183-191.</td>
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<tr>
<td>Muller, N</td>
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<td>Muller, N, Chakona, A, Phiri, C and Chinamaringa, T. &quot;Changes in biota along a dry-land river in northwestern Zimbabwe: declines and improvements in river health related to land use&quot;. Aquatic Ecology. 2008. 0-0.</td>
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<td>Rivers-Moore, NA</td>
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<td>Rivers-Moore, NA and de Moor, F.C. &quot;Impact of winter flow regulation on pest-level populations of blackfly (Diptera: Simuliidae) and non-target faunal communities in a South African river&quot;. African Journal of Aquatic Science. 2008. 33(2),125-134.</td>
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<td>Rivers-Moore, NA, Bangay, S and Palmer, R.W. &quot;Optimisation of Bacillus thuringiensis var. israelensis (Vectobac®) applications for the blackfly control programme on the Orange River, South Africa&quot;. Water SA. 2008. 34(2),193-198.</td>
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<td>Rivers-Moore, NA, Hughes, DA and de Moor, F.C. &quot;A model to predict outbreak periods of the pest blackfly Simulium claterrius Lewis (Simuliidae, Diptera) in the Great Fish river, Eastern Cape Province, South Africa&quot;. River Research and Applications. 2008. 24,132-147.</td>
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<td>Rivers-Moore, NA, Hughes, DA, Mantel, S and Hill, T.R. &quot;First steps in the development of a water temperature model framework for refining the ecological reserve in South African rivers&quot;. Water SA. 2008. 34(5),585-596.</td>
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<td>Sawunyama, T and Hughes, DA</td>
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<td>Sawunyama, T and Hughes, DA. &quot;Application of satellite-derived rainfall estimates to extend water resource simulation modelling in South Africa&quot;. Water SA. 2008. 34(1),1-9.</td>
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<td>Slaughter, A.R, Palmer, C.G and Muller, W.J</td>
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## CONFERENCE PROCEEDINGS SUBMITTED FOR POSSIBLE SUBSIDY

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<tr>
<td>Proceedings of the second IASTED Africa Conference on Water Resource Management: science and technology innovation for sustainable development</td>
<td>Acute effects of the synthetic pyrethroid deltamethrin on the freshwater shrimp <em>Caridina Nilotica</em> (Roux)</td>
<td>Gola NP, Muller WJ</td>
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## POSTGRADUATE SUBSIDY UNITS  2008 GRADUATES

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The ISER successfully hosted the Rosa Luxemburg Annual Seminar in March. It was attended by over 100 guests including representatives from various government departments, NGO’s, CBO’s and academics from various Universities from all over the Eastern Cape and nationally. We also had international guests from Canada and Germany.

The ISER hosted our second Summer School in September attended by 35 grassroots activists from unions, NGO’s and CBO’s from around the Eastern Cape. This three and a half day School was funded by the Rosa Luxemburg Foundation. Presentations were made by ISER staff, Rhodes University academics and the Eastern Cape Socio Economic Consultative Council.

ISER hosted the Rhodes University/ISER Equity Seminar Series. Three workshops/seminars were held. The first one held in April was presented by Dr Avinash Govindjee who lectures in the Faculty of Law at the Nelson Mandela Metropolitan University. The second workshop held in August was presented by Prof Martin Hall, Deputy Vice Chancellor of the University of Cape Town. The third one held in November was presented by Prof Margaret Orr, Director of the Centre for Learning, Teaching, and Development at the University of the Witwatersrand.

As part of our community engagement contribution we conducted a representative survey of households in Rhini. The survey results on living conditions in Rhini, conducted by Prof Valerie Møller of the Quality of Life Studies is available in hard copy and online.

Our Researcher Dr Michelle Cocks was promoted to Senior Researcher at the Institute after successfully defending her PhD thesis at Wageningen University in The Netherlands.

We have seven Masters and five Doctoral students supervised/co-supervised/consulted by staff at the Institute.

PROFESSOR JEFF PEIRES
ACTING DIRECTOR OF INSTITUTE

BOOKS/CHAPTERS/MONOGRAPHS

Cocks, ML

Cocks, ML, Husselman, M and Sizani, N

Farrington, K


Huschka, D

Møller, V and Huschka, D  

Ruiters, G  

Ruiters, G D  

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Cocks, M L  


Kelly, K  

Møller, V and Erstad, I  

Peires, J  
Peires, J. "'At the entrance to science, as at the entrance to hell': historical priorities for South Africa in an age of deconstruction". African Historical Review. 2008. 40(1),58-76.

Peires, J B  

OTHER PUBLICATIONS

Cocks, M  

Hamer, N G  
Møller,V

Peires,J, Mqingwana,V and Farrington,K


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Husselman,M

Ruiters,G


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Husselman,M and Cocks,ML

Møller,V


Ruiters, G


DISTINGUISHED VISITORS

Knight, A

Dr A Knight. Department of conservation ecology and entomology, University of Stellenbosch, Stellenbosch, South Africa. Overview ISER biocultural diversity research programme, including cooperation with Wageningen University, progress of cultural landscapes research project, discussion on scientific concepts and issues, discussion on options for future cooperation in upscaling project. Nov - Jan 2008.

Phillip, T

Mr T Phillip. Fort Cox College of Agriculture and Forestry, Fort Beaufort, South Africa. Overview ISER biocultural diversity research programme, including cooperation with Wageningen University, progress of cultural landscapes research project, discussion on scientific concepts and issues, discussion on options for future cooperation in upscaling project. Nov - Jan 2008.

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<td>Shackleton, CM, Paumgarten, F and Cocks, ML. &quot;Household attributes promote diversity of tree holdings in rural areas, South Africa&quot;. Agroforestry Systems. 2008. 72(3),221-230.</td>
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<td>Cocks, ML and Dold, AP. &quot;The cultural use of the wild olive tree by the amaXhosa people in the Eastern Cape province of South Africa&quot;. Journal for the Study of Religion, Nature and Culture. 2008. 2(3),292-308.</td>
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<td>Kelly, K</td>
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<td>Nkomo, N, Kelly, K and Freeman, M. &quot;Factors associated with prevalence of mental disorder in people living with HIV/AIDS in South Africa&quot;. AIDS Care. 2007. 19(10),1201-1209.</td>
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<td>Peires, JB. &quot;Cry havoc! Thoughts on the deconstruction of Mhlakaza&quot;. African Studies. 2008. 67(2),233-255.</td>
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<tr>
<td>Toxic belonging: identity and ecology in southern Africa</td>
<td>Exploring place amongst South African youth in a changing social context: using place-based methods to investigate local enviroments</td>
<td>Farrington K</td>
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</table>
JOURNALISM AND MEDIA STUDIES

Of the 17 full-time teaching staff employed in the School of Journalism and Media Studies in 2008, 5 were dedicated primarily to the teaching of media theory (which forms the academic component of the degree) and 12 to the teaching of primarily production-based courses (television, radio, print, new media, photojournalism, and design). In keeping with previous years, the research output figures indicate that media theory teachers were primarily responsible for conference attendance, book chapters and journal publications while production staff were responsible for creative outputs. This is best explained by the fact that the majority of our media production teachers are employed by the university for their experience in media production rather than their academic qualifications, and as a result, spend their first few years in the department completing higher degrees. This, together with the intensive nature of production teaching, means that they have little time (or the academic background) to publish in academic journals or attend academic conferences. Despite this, at least two of our production teachers did attend academic conferences while one of them managed to publish an accredited journal article (both of these staff members are in the process of completing their PhDs). Forms of intellectual production other than scholarly publications included exhibitions and publication in a range of media, including Professor Berger’s fortnightly online column in the Mail & Guardian. The total outputs for the Department of Journalism and Media Studies for 2008 was as follows: 4 book chapters; 14 journal articles; 9 other publications; 23 conference attendances.

At the start of 2009 we have 58 MA and four PhD students.

Highlights for 2008 include:

- Professor Jackson Banda received the Media Institute for Southern Africa (MISA) Press Freedom award. The award is given to honour excellence in journalism and the upholding of the ethics of the profession.
- Sipho January, the School’s Outreach Officer, was placed first in the Media and Communications category at the Trufm Youth Awards.
- Ines Schumacher, a 4th year student, was runner up in the Trufm Youth Awards. She was the 2008 editor of the Oppidan Press student newspaper which runs a community engagement project mentoring high school learners in journalistic practice.
- For the second year running, fourth year Television Production students obtained the first three places in the student category of the annual SABC News Awards.
- In 2008 the School’s Economics Journalism programme entered a new phase with the creation of the Centre for Economics Journalism in Africa (CEJA). The Centre developed an accredited post-graduate diploma in economics journalism, the first module of which was taught in 2009. During 2008 CEJA ran three short training courses for SABC radio and TV journalists, as well as courses on covering telecommunications companies for African journalists of the Highway Africa News Agency.
- As in the past, CueMedia, which encompasses CueTV, CueRadio, CueOnline, CuePix, CueBlog, and Cue Newspaper, covered the National Arts Festival while SciCue newspaper covered events at the annual Science Festival.
- Under supervision, our Post Graduate Diploma students worked with Grade 8 and 9 learners in seven local high schools, to produce Upstart, a monthly literacy insert in the Grocott’s Mail.
- The twelfth Highway Africa conference, with the theme ‘Citizen Journalism, Journalism for Citizens’, took place in September and was attended by 700 delegates from various African countries.
- The School hosted the first ever meeting of leading African journalism schools. The conference was funded by UNESCO and titled the Consultation Meeting on Capacity Building for Potential Centres of Excellence in Journalism Training in Africa.
- The Sol Plaatjie Institute won a number of research contracts. IREX, the Washington-based International Research and Exchange Board, funded an Africa-wide study of media freedom on the continent and the conditions necessary for the sustainability of media companies. A second research project, funded by South Africa’s Media Development and Diversity Agency and the Open Society Foundation examined the business and editorial strategies of successful small-scale community radio stations in South Africa.

PROFESSOR LARRY STRELITZ
HEAD OF DEPARTMENT AND DEPUTY DEAN HUMANITIES
BOOKS/CHAPTERS/MONOGRAPHS

Banda,F


Berger,GJEG


Boshoff,P and Prinsloo,J


Strelitz,LN and Boshoff,P


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Banda,F


Berger,G


Berger,GJEG


Berger,GJEG. "From content to conversation: can cellphones be used for journalism?”. *Rhodes Journalism Review*. 2008. 28,70-71.

Brand RC


Ndangam,LN


Prinsloo,J and Boshoff,P


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Rau,A, Milne,C, Du Toit,P and Mdlongwa,F

Strelitz, LN
Strelitz, LN. "Biography, media consumption, and identity formation". Qualitative Sociology Review. 2008. 4(2),63-82.

OTHER PUBLICATIONS

Banda,F

Garman,AC

Garman,AC. "We’ve got a lot to worry about: winter school speakers call for citizens to wake up and save SA’s precious institutions from a government turned party". In: Cue. Rennie,G and Accone, D (Eds) Rhodes University. Grahamstown. 2008. 9.


Hills,PR


Mdlongwa,F

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Brand, RC

Garman, AC
Prinsloo,J


Strelitz,LN

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Banda,F


Banda,F and Berger,F

BERGER,G

Brand,RC
Garman, AC


Prinsloo, J

Strelitz, L


CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Banda, F

Hills, PR


Prinsloo, J

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<tr>
<td>Ndangam, L.N. &quot;Free lunch? Cameroon's diaspora and online news publishing&quot;. New Media and Society. 2008. 10(4),585-604.</td>
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<tr>
<td>TITLE OF BOOK</td>
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<tr>
<td>The International Handbook of Children, Media and Culture</td>
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<td>Media ethics beyond borders: a global perspective</td>
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LAW

Although the Faculty has experienced a slight decline in its research output, in 2008 it was able to produce 12 Conference papers, 4 of them at international conferences, 4 Chapters in books and a total of 9 peer reviewed articles. We continue our monthly research colloquia at which staff members would give presentations that culminate into publications. We also continued on collaborative postgraduate research meetings with Fort Hare and Nelson Mandela Metropolitan University where Masters' students and staff read papers on their research projects. All in all it has been a relatively productive research year.

PROFESSOR RB MQEKE
ACTING DEAN AND HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Driver,S

Kruuse,H

Midgley,R

Mqeke,RB

Van Coller,EH

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

De Vos,W

Glover,G

Kerr,AJ
Kerr,AJ. "The defence of unfair conduct on the part of the plaintiff at the time the action is brought: the exceptio doli generalis and the replication doli in modern law". South African Law Journal. 2008. 125(2),241-248.

Midgley,R

Van Coller, EH


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Campbell, J

Davies, L and Barker, G

Kruger, R

Kruuse, H

Midgley, R


Mqeke, RB


Van Coller, EH

ii. International Conferences
De Vos, W

Driver, S
Driver, S. "The academic reality of the commercialisation of university research". IPED Conference. Coventry University, Coventry, United Kingdom. September 2008.

Kruuse, H

Van Coller, EH

Van Coller, EH. "Ombudsman institutions: an effective alternative to the courts in promoting principles of good governance?". Cambridge University and The Chinese University of Hong Kong - "Effective judicial review: a cornerstone of good governance". Chinese University, Hong Kong, China. December 2008.

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Midgley, R, Roberts, L and Kruuse, H


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<td>Glover, G and Beard, M. &quot;Jantjie v Minister of Labour: Failure of an attorney to sign a notice of motion&quot;. De Jure. 2008. 41(3),648-654.</td>
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## POSTGRADUATE SUBSIDY UNITS  2008 GRADUATES

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## BOOKS SUBMITTED FOR POSSIBLE SUBSIDY

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<tr>
<td>Lawmaking for development: explorations into the theory and practice</td>
<td>Lawmaking in the new South Africa</td>
<td>Mqke, RB</td>
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</table>
LIBRARY

Whilst one of the primary roles of the Rhodes University Library is to support the university’s research programmes by means of its information services, collections and access to electronic resources, it is pleasing to note that a number of library staff continue to be active contributors to the research enterprise, across applied library and information activities, through national and international conferences attendance, presentations and publications.

Digital Repository

In 2006, the RUL launched an open access digital repository called the Rhodes eResearch Repository (ReRR) to archive and provide access to theses (currently 444 available) and encourage academics/researchers to submit publications. During 2008 the ReRR, once again, proved to be a useful tool for gaining access to Rhodes University’s e-research articles and theses. There were over 320,000 visits to the digital repository (approximately 300% increase over 2007) and over 440,000 downloads of articles, papers and theses (approximately 400% increase). The ReRR Team was also pleased that the repository reached the 1,000 mark with approximately 1020 items archived in the repository by the year-end. One disappointing performance factor was that almost one-third of the electronic theses submitted were not supported by the requisite e-Access approval form that grants permission to upload the thesis to the institutional repository (Table 1).

The RUL is working in close collaboration with the Research Office to design improved procedures to strengthen the digital repository as a tool among researchers at Rhodes University. This included increased collaboration with the Research Office to design procedures that can strengthen the digital repository as a tool among researchers at the institution, streamlining current submissions for e-theses in consultation with Faculty and the Registrar as well as encouraging self-archiving among researchers.

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In a ranking of world repositories, the ReRR is rated among the top 300 digital repositories (no. 246) together with the University of Pretoria (no. 168) and Stellenbosch University (no.272) ([http://repositories/webometrics.info/top300.rep.asp](http://repositories/webometrics.info/top300.rep.asp)).

Representatives from Rhodes University Library continued to participate in the Steering Committee of the National Electronic Theses and Dissertations (NETD) initiative that is currently implementing a national central repository with the capability to harvest electronic theses metadata from established institutional repositories and provide portal access.
Digitization of Local Content

Digitisation of local content is an area where the Library has a growing reputation within the university and nationally for supporting the use of digital content in teaching, learning and research. During 2008, the Library continued to work in close co-operation with several partners to digitize local content that can be used for research and teaching purposes. The Library is particularly proud of its contribution towards the ILAM/South African Music Access project (SAMAP funded by the NRF and Digital Innovation South Africa), which completed in late 2008, comprises some 14,000 sound files with metadata available via Internet access (http://ilam.ru.ac.za). In addition, the Library provided ongoing support for digitizing ILAM collections including manuscript materials and ILAM’s journal African Music (outside of the SAMAP scope). This included metadata training and consultation, project management consultation as well as technical advice.

The Cory Library in partnership with Digital Innovation South Africa (DISA with funding from Andrew W Mellon) continued with further digitization of local content relating to the South African Freedom Struggles c1950-1994. Phase I, completed in the first half of 2008, comprised 1891 digital images of manuscript materials with 242 sets of metadata records. Phase II saw a further 1394 digital images of the Study Project on Christianity in Apartheid Society (SPRO-CAS) reports added to this valuable research collection.

Another important local collection digitization initiative was a joint project between the Rhodes University Library and Africa Media Online (funded by the EU) to digitize 1,000 selected photographs from the photo collection housed in the Cory Library. Most of these photographs date back as far as the early 19th Century and they cover important subject areas such as the history and politics of the Eastern Cape; early history of Grahamstown; Xhosa culture and customs; historical figures within the Eastern Cape and Eastern Cape Missionary history. By the close of 2008, approximately 50 percent of the photographs were digitized with 880 metadata records created. The project provided the opportunity for the Librarians to conduct research about selected photographs, thereby enhancing the research value of local collections. Besides increasing the awareness and visibility of these valuable research collections available in the Eastern Cape, digital content access is an important preservation measure that reduces the physical handling of original, valuable, rare, fragile and frequently used collections.

MS GWENDA THOMAS
DIRECTOR: LIBRARY SERVICES

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Kabwato,S

Thomas,GME
Thomas,GME. "Evaluating the impact of the institutional repository, or positioning innovation between a rock and a hard place". New Review of Information Networking. 2007. 13(2),133-146.

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Shepherd,E
Thomas, GME

Thomas, GME and Berger, J

Vermaak, I

**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)**

ii. International Conferences

Thomas, GME
MANAGEMENT

The Department of Management continued to build on its previous research achievements. Achieving the research output in 2008 was facilitated by the existing national and international inter-institutional research and teaching collaboration; and encouraging the integration between research and teaching. In an endeavour to further its research culture, the Department of Management is proud of the following achievements:

- A detailed exposition of the Departmental research contributors and output during 2008 is provided at the end of this report. As evident from this detailed account, the Department of Management is proud of its overall research achievements, namely:
  - A textbook on Human Resource Management was edited and co-authored by Mr Trevor Amos;
  - The third South African edition on Management was published in 2008 with 5 chapters authored by Prof Lynette Louw and 3 chapters authored by Mr Trevor Amos;
  - Fifteen Journal Articles of which 9 were published and 6 submitted for review;
  - Additional publications include an article in the Sunday Times by Dr Guillaume Johnson and a paper published by Prof Lynette Louw in the Internationalisation and Multiculturalism Colloquium Series; and
  - Seventeen conference papers were delivered of which 15 were international and 2 national.

- Prof Lynette Louw was invited to give a keynote address at the Sixth International Conference of World Association for Sustainable Development (WASD).

- International visits by staff members of the Department took place during the year. This included Mr Theus Louw and Prof Lynette Louw who lectured in Shanghai and a visit by Prof Lynette Louw to the Department of Management at the University of Botswana in Gaborone. The purpose of the international visit to Botswana was to initiate a research and teaching collaboration in Entrepreneurship between the University of Botswana, Utrecht University in the Netherlands, Rhodes University and the University of Stellenbosch.

- An integrated structure for researching various aspects of cross-cultural communication and management across Africa has been established between five universities which are located in South Africa, Europe and the USA, namely Rhodes University, Nelson Mandela Metropolitan University, California State University, Fullerton, and University of Mississippi, both in the USA, and Nuertingen-Geislingen University in Germany. As South African member of the steering committee for this collaborative project, Prof Lynette Louw facilitated research projects in this regard.

- Prof Lynette Louw and Mr Trevor Amos have assisted the NRF in evaluating applications for NRF rating as well as proposed research projects. Prof Lynette Louw also served on the NRF Advisory Panel for the Human Institutional Capacity Development on Economics and Management Sciences.

- Mr Trevor Amos who is an external examiner for the Nelson Mandela Metropolitan University and the University of Johannesburg also reviewed papers for the following Journals, namely Management Dynamics: Journal of the Southern Africa Institute of Management Scientists; South African Journal of Economic and Management Sciences; and the South African Journal of Entrepreneurship and Small Business Management.

- During 2008 Prof Lynette Louw served as a reviewer for the following Journals, namely World Review of Entrepreneurship, Management and Sustainable Development, The International Journal of Management Education; Southern African Business Review; Management Dynamics: Journal of the Southern Africa Institute of Management Scientists. She was also appointed to the editorial review board of Southern African Journal of Entrepreneurship and Small Business Management.

- Prof Lynette Louw serves on the international editorial advisory board for the International Colloquium on Business and Management and was a member of the international organising committee and track co-chair for the 6th International Conference of World Association for Sustainable Development held at the University of Sussex, Brighton, UK. She served as conference chair and a discussant at the Business Economics Society International conference in Lugano, Switzerland.

- Mr Theus Louw reviewed papers for the following conferences namely, Business Economics Society International and the 13th Biennial Eastern Academy of Management International Conference to be held in 2009. He also reviewed papers for the Global Business & Economics Anthology, conference proceedings for Business Economics Society International. Conference papers were reviewed by Prof Lynette Louw for the following conferences: Southern Africa Institute for Management Scientists; World Association for Sustainable Development; Academy of Marketing Science Annual Conference to be held in 2009; Business Economics Society International; the 13th Biennial Eastern Academy of Management International Conference, to be held in 2009. She also reviewed papers for the Global Business & Economics Anthology, conference proceedings for the Business Economics Society International.
Credit is given to all the Departmental members and Dr Claude Mayer who contributed towards the Department of Management’s research achievements in 2008.

PROFESSOR LYNETTE LOUW
HEAD OF DEPARTMENT: MANAGEMENT

BOOKS/CHAPTERS/MONOGRAPHS

Amos, TL


Louw, L


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER


Cox, A and Amos, TL

Hayward, BA and Amos, TL

Louw, L
Louw, L and Mayer, CH

Louw, L and Van Tonder, D

Mayer, CH

Mayer, CH. "Identity and health in transcultural mediation. The model of culture-synergetic transcultural mediation and its impacts". Journal of Intercultural Communication. 2008. 17(0), www.immi.se/intercutural/


OTHER PUBLICATIONS

Johnson, GD

Louw, L

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Johnson, GD

Louw, L


ii. International Conferences


Chikumba, S.


Haig, LJ, Makomva, CSM, Patel, M and Amos, TL.


Louw, L.

Louw, L and Louw, MJ

Louw, L, Du Toit, NP, Knowles, LM and Matika, SN

Mayer, CH


**Mayer, CH and Louw, L**


**Van Stuyvesant-Meijen, J, Louw, MJ and Louw, L**


**CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS**

**Jere, AK**


**Johnson, GD**


**Louw, L**


**Louw, L and Mayer, CH**


**INTERNATIONAL VISIT**

**Louw, L**


Louw, L. University of Botswana, Gabarone, Botswana. Attended a meeting at the Department of Management, University of Botswana in Gabarone with the purpose of initiating research and teaching collaboration in Entrepreneurship between the University of Botswana, University of Utrecht in the Netherlands, Rhodes University and the University of Stellenbosch. October 2008.

**Louw, MJ**

**JOURNAL SUBSIDY UNITS**

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<tr>
<td>Cox,A and Amos,TL</td>
<td>&quot;What future subordinates will value in their leaders: an exploratory study&quot;. Journal of Contemporary Management. 2008. 5,72-89.</td>
<td>Journal of Contemporary Management</td>
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<td>Mayer,CH</td>
<td>&quot;Identity and Health in Transcultural Mediation. The Model of Culture-Synergetic Transcultural Mediation and its Impacts&quot;. Journal of Intercultural Communication. 2008. 17(0),1-23.</td>
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**TOTAL** | **4.84** |

**POSTGRADUATE SUBSIDY UNITS**

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**CONFERENCE PROCEEDINGS SUBMITTED FOR POSSIBLE SUBSIDY**

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<tr>
<td>Conference Proceedings of the 20th Annual Conference and 21st Birthday Festival of the Southern Africa Institute for Management Scientists</td>
<td>The development of management competencies and quality of tuition as perceived by graduates in the business and economic sciences</td>
<td>Louw L (Bosch JK, Venter DJL, Roos C)</td>
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<td>BAM2008 Conference proceedings: the academy goes relevant</td>
<td>Identities in Conflict. Managerial constructs from South Africa</td>
<td>Mayer C-H, Louw L</td>
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<td>3rd Biennial Conference of the Academy of World Business, Marketing and Management Development</td>
<td>Celebrity athlete endorsement and consumer choice in a South African context: an exploratory study</td>
<td>Haig LJ, Makomya CSM, Patel M, Amos TL, Pearse NJ</td>
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<td>The delphi technique and educating entrepreneurs for the future</td>
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<td>Global and local dynamics in African business and development - IAABD</td>
<td>A theoretical framework for explaining the moderating role of the institutional context on advertising effects in emerging market: the case of South Africa</td>
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**BOOKS SUBMITTED FOR POSSIBLE SUBSIDY**

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<td>Global Business &amp; Economics Anthology, Volume 1, 179-190</td>
<td>The relationship between organisational culture and organisational commitment at a selected local municipality in South Africa: empirical findings</td>
<td>van Stuyvesant Meijen J, Louw MJ, Louw L, Baxter JS</td>
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MATHEMATICS (PURE AND APPLIED)

We continue to be the centre of research excellence in the theory of Fuzzy Sets and Systems and the Mathematics on uncertainty in the country. There were more than ten papers that were published in this area of research in the current year. As before Professor BB Makamba and his colleagues at the University of Fort Hare participate with members of this department in contributing to the research efforts in this area.

There are two other topics actively pursued namely Geometric Control by Dr CC Remsing and Neural Networks & its Applications by Prof MH Burton. Dr Remsing attended “The 5th International Conference of Applied Mathematics in Computing” at the Plovdiv, Bulgaria during August 2008 and presented a well received paper.

Prof Murali visited Banaras University in India during January-February and presented two colloquia to the Mathematics Department. He also initiated a collaborative research with Prof AK Srivastava.

We had a distinguished visitor Dr Tomasz Kulpa from the University of Cardinal Stefan Wyszynski in Warsaw Poland during September-October 2008. Our postgraduate numbers are increasing with 5 Honours and 6 Masters. One student already obtained his Masters degree and two are submitting their thesis.

PROFESSOR V MURALI
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Murali,V


Murali,V and Talwanga,M

Remsing,CC


OTHER PUBLICATIONS

Murali,V
RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Burton,MH


Burton,MK

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Remsing,CC

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MUSIC AND MUSICOLOGY
INCLUDING THE INTERNATIONAL LIBRARY OF AFRICAN MUSIC

During 2008, our department continued to maintain an active profile in the academic and musical life of the University, the town and the region. Prof Marc Duby took up the position of Head of Department in April. Members of staff made contributions to the field in the areas of performance, composition, and conducting, as well as serving on music-related professional bodies, reviewing concerts, adjudicating competitions, and assisting as external examiners to other institutions in the region and nationally.

Members of the department also took part in an interdisciplinary collaboration with First Physical Theatre Co (Drama) and members of the Dance Department of Tulane University (New Orleans). Researchers within the department presented papers within South Africa’s borders and in the international arena, and we would like to congratulate our students, their teachers and supervisors on the following achievements, as highlighted below:

- Melissa Marsh was awarded the Flanagan scholarship for overseas study in music therapy
- Susan Moyo and Angela Wilde both obtained the RULS diploma with distinction
- Boudina McConnachie completed her MMus (Ethnomusicology) degree with distinction
  Thesis title: *Legal Access To Our Musical History: An Investigation into the Copyright Implications of Archived Musical Recordings Held at the International Library of African Music (ILAM) in South Africa*
  Supervisors: Prof D Thram (ILAM), Dr J Brukman (Music), Ms S Driver (Law)
- Terence Marais: Semi finalist in National ATKV Music competition held in Stellenbosch. Performed recitals in Johannesburg, Pretoria, Port Alfred, Mossel Bay, Grahamstown festival (Fringe 6 performances), Grahamstown. Broadcast on Algoa FM and FMR
- Mia Pistorius: 3rd prizewinner in FMR/Pick ‘n Pay National Music competition in Cape Town. Broadcast on FMR. Awarded additional prize of R 15 000 for Rhodes tuition by Mrs Wendy Ackerman. Mia was also selected for UNISA scholarship competition following a high distinction in Grade 8 practical exam, and awarded du Toit van Tonder scholarship at competition which was held in Pretoria
- Jacques du Plessis: Achieved high merit in UNISA Grade 8 examination. Finalist in Rising Stars competition. Awarded prize for Rachmaninoff
- Cathy Hodgson: Achieved high merit in UNISA Grade 8 examination
- Theresa Dwyer: Achieved distinction for Grade 7 UNISA examination. Finalist in Rising Stars competition held in Grahamstown
- Gareth Dwyer: 2nd prizewinner in Rising Stars competition held in Grahamstown. Finalist in Eastern Cape National Music competition held in East London. Performed Rachmaninoff Piano Concerto No 2: 1st movement with RU Orchestra

**Improvement of qualifications of support staff**

- Ms Ndumi Lumkwana: Obtained RU certificate in MS Outlook
- Ms Lucie Zunckel: Obtained RU certificate in Human Resources Management

Prof. Diane Thram re-launched ILAM’s annual peer-reviewed journal devoted to research on African music with Volume 8, number 1 (2007). Publishing costs for the 2008 edition – Volume 8, number 2 – were generated from subscription sales. The journal enjoys wide circulation via university libraries throughout the world, as well as individual subscribers. The international community of scholars is responding very positively to the resuscitation of *African Music*. It is the only scholarly, peer-reviewed journal devoted to research of African Music in existence. Also significant is that it is published in Africa, by ILAM, not by a publishing house in the USA or UK.

ILAM was awarded 2 major grants in 2008:
1. A two-year (2008-2009) grant from the Rand Merchant Bank Expressions Programme to complete cataloguing and digitizing of the Hugh Tracey field recordings housed at ILAM.

These two grants enabled the creation of full-time posts for 2 sound engineers, 2 sound engineering assistants, a cataloguing librarian, an archivist and an archiving assistant for a total of 7 full-time posts.
ILAM received an invitation from the Origins Centre Museum at WITS University to mount an exhibit on Hugh Tracey and ILAM to serve as an outreach outcome of the Rand Merchant Bank Expressions Programme grant.

PROFESSOR MARC DUBY, HEAD OF DEPARTMENT, MUSIC AND MUSICOLOGY
PROFESSOR DIANE THRAM, DIRECTOR OF INSTITUTE, ILAM

BOOKS/CHAPTERS/MONOGRAPHS

Watkins, L

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Brukman, JJ

OTHER PUBLICATIONS

Brukman, JJ


Brukman, JJ. “The measure of the music, review: Lieder recital programme 1”. In: Accone, D, Foss, K, Rennie, G and Sassen, R (Eds) Department of Journalism and Media Studies, Rhodes University. Grahamstown. 2008. 5.

Edwards, J


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Edwards, J


Heunis, D


Thram, D. N


ii. International Conferences
Duby,M

Heunis,D

Still-Drewett,F


Thram,DJ


Watkins,L

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Duby,M


Edwards, J


Foxcroft, C.J


Munoz, JL


Thram, DJ

INTERNATIONAL VISIT


Foxcroft, CJ


Munoz, JL

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<td>Proceedings 28th ISME World conference: Music at all ages</td>
<td>The secret life of instruments: musical practice and actor-network-theory</td>
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PHARMACY

Research activities in the Faculty of Pharmacy have expanded significantly over the last few years resulting in research outputs from staff and postgraduate students having an impact both nationally and internationally. Staff and postgraduate students published at least 14 journal articles and have an additional 14 papers in press due to be published in 2009. Professor Walker and Dr Tandlich each wrote a chapter for books that were published in 2008. In addition several other research outputs and articles were published during the year, reflecting a thriving research culture in the Faculty of Pharmacy and a productive 2008. The professional visibility of the Faculty was maintained with the publication of 9 articles in professional and related journals.

Large numbers of staff and postgraduate students in the Faculty attended various local conferences including the South African Association of Hospital and Institutional Pharmacists, the South African Academy of Pharmaceutical Sciences, the Southern African Society for Basic and Clinical Pharmacology during which no less than 24 oral and poster presentations were made. Staff of the Faculty were active in other local conferences and workshops, presenting 5 papers at these events.

Several staff and postgraduates made their mark internationally, presenting some 21 papers at international conferences in the USA, United Kingdom, Canada, Germany, Turkey, the Netherlands, China, Poland and Switzerland. Staff members also attended international workshops and were invited guests at Universities and Institutes in the USA, United Kingdom and India, and at the World Health Organization.

The Faculty of Pharmacy held a successful Annual Research Day at which 21 Masters, Doctoral and Doctor of Pharmacy postgraduates in the Faculty presented their research data. Three final year students doing a research elective also presented their findings.

Two PhD students in Pharmaceutics won prestigious awards this year. Ms Wai-Ling Au was adjudged the top Young Scientist at the South African Pharmacological Society annual Meeting and Ms Adrienne Muller won the category for best poster presentation in Pharmacology at the Academy of Pharmaceutical Sciences Conference. We are proud of their achievements.

The Faculty of Pharmacy hosted a number of international visitors including Professor Verbeeck from the Catholique University of Louvain, Dr Patterson from North Dakota State University at Fargo, Professor Brown from the University of Toronto and Dr Dresser from the North York Hospital in Toronto.

The Faculty of Pharmacy 2008 graduation ceremony saw the first ever Doctor of Pharmacy (PharmD) Degree conferred on Ms Singh. Dr Singh is the first PharmD graduate to receive her degree from a university in South Africa, Africa or the Southern Hemisphere. The Faculty of Pharmacy is particularly proud of her accomplishment and looks forward to many more graduates in the future.

The research efforts of Professor Kanfer during his tenure at Rhodes University culminated with the long overdue award of the Vice-Chancellor’s Distinguished Research Award which was presented at the 2008 graduation ceremony. The Faculty of Pharmacy is particularly proud of his achievement and for the acknowledgement of the significance of research in the Pharmaceutical Sciences at Rhodes University.

PROFESSOR ROD WALKER
DEAN AND HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Kanfer,I


Tandlich,R

Walker, RB

Walker, RB and Kanfer, I

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Afolayan, A and Beukes, D

Au, WL, Skinner, MF and Kanfer, I

Daya,S


Dowse, R

Futter, B

Futter, WT


Futter, WT. "The naked manager: influencing others by word of mouth. Pharmacists as opinion leaders?". South African Pharmacy Journal. 2008. 75(8), 54-55.

Jobson, MR
Jobson, MR. "How to sell your soul in 10 easy steps (re-published with permission)". South African Pharmaceutical Journal. 2008. 75(3), 32-33.

Kanfer, I


Kanfer, I and Patnala, S

Mogatle, S., Skinner, M.F. and Kanfer, I

Muller, A. and Daya, S.
Muller, A. and Daya, S. "Acyclovir inhibits rat liver tryptophan-2,3-dioxygenase enzyme and induces a concomitant rise in brain serotonin and 5-hydroxyindole acetic acid levels". Metabolic Brain Disease. 2008. 23(3), 351-360.

Nair, V.D.P. and Kanfer, I.


Patnala, S. and Kanfer, I.

Tayub, M. and Srinivas, S.C.

Tettey-Amlalo, R., Kanfer, I., Skinner, M.F. and Verbeeck, R.K.

Walker, R.B.


OTHER PUBLICATIONS

Jobson, MR

Jobson, MR. "Why I am not a rural doctor”. In: Mail & Guardian Thought Leader Blog. 2008. 1.

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Au, WL, Skinner, MF and Kanfer, I


Beukes, D

Dowse, R

Jobson, MR

Khamanga, SMM, Fauzee, F and Walker, RB

Khamanga, SMM, Zimba, T and Walker, RB

Magadza, C and Srinivas, CS

Mogatle, S, Skinner, MF, Mills, E and Kanfer, I
Müller, A and Kanfer, I

Mungwiro, H and Srinivas, CS

Parfitt, NR and Kanfer, I


Patnala, S and Kanfer, I

Ramela, T and Dowse, R

Srinivas, CS and Wrench, W

Srinivas, SC and Wrench, W

Tettey-Amlalo, R, Skinner, MF, Verbeeck, RK and Kanfer, I

Walker, RB

Walker, RB and Chaibva, FA

Walker,RB and Ogwal,S

Walker,RB and Sachikonye,T

Walker,RB and Wa Kasongo,K


Walker,RB, Khamanga,SMM and Parfitt,NR

Walker,RB, Wa Kasongo,K and Jhundoo,H

Walker,RB, Wilson,BJ and Patterson,BD

Wrench,W and Srinivas,CS

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Au,WL, Skinner,MF and Kanfer,I
Cassim,L and Daya,S

Daya,S and Muller,A
Daya,S and Muller,A. "Acyclovir inhibits tryptophan 2,3-dioxygenase enzyme and induces a concomitant rise in serotonin and 5-hydroxyindoleacetic acid levels in the brain". CINP Congress. Munich Congress Center, Munich. Germany. July 2008. 11. 219-220.

Dowse,R and Mwingira,B

Kertland,H

Kertland,H

Khamanga,SMM, Walker,RB, Parfitt,NR, Haidula,H and Nyamuzihwa,T

Mahasele,P and Srinivas,CS

Mogatle,S, Skinner,MF, Mills,E and Kanfer,I

Patnala,S and Kanfer,I

Tandlich,R


Tettey-Amlalo,R and Kanfer,I
**Walker,RB**

**Walker,RB and Chaibva,FA**


**Walker,RB and Wa Kasongo,K**

**Walker,RB, Khamanga,SMM and Haidula,H**

**Walker,RB, Khamanga,SMM and Nyamuzihwa,T**

**CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS**

**Kanfer,I**

**Kertland,H**

**INTERNATIONAL VISIT**

**Kanfer,I**

**Srinivas,SC**
Srinivas,SC. Al-Ameen College of Pharmacy, Bangalore, India. Guest lecture to M.Pharm (pharmacy practice) students: access of essential medicines in developing countries. 12 January 2008.

Srinivas,SC. PES Medical Institute, Kuppam, India. Guest lecture for first year medical students: access of essential medicines: challenges in India. 20 January 2008.

Srinivas,SC. PES College of Pharmacy, Bangalore, India. Guest lectures to final year pharmacy students: public health and rational use of medicines. 22 February - 4 March 2008.
Srinivas, SC. PES Medical Institute, Kuppam, India. Guest lecture for third year medical students, interns and faculty members: critical appraisal skills for rational use of medicines: one way of handling pharmaceutical pressures. 21 March 2008.

Srinivas, SC. PES Medical Institute, Kuppam, India. Guest lecture for medical college faculty members - outcomes based education: personal reflection of an educator. 21 March 2008.

Srinivas, SC. SSM School, Bangalore, India. Guest lecture for Grade 8 and Grade 9 students. Health promotion: understanding Diabetes mellitus and hypertension. 25 March 2008.


Srinivas, SC. Karuna Trust (NGO heading Primary Health care Centers in Karnataka), Mysore, India. Guest lectures for doctors and pharmacists on: rational use of medicines. April 2008.


Walker, RB
Walker, RB. School of Pharmacy, Aston University, Birmingham, United Kingdom. Paediatric drug delivery. 20 - 28 January 2008.

DISTINGUISHED VISITORS

Patterson, BD

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Kanfer, I


Kanfer, I and Patnala, S


Muller, A and Daya, S

Muller, A and Daya, S. "Acyclovir inhibits rat liver tryptophan-2,3-dioxygenase enzyme and induces a concomitant rise in brain serotonin and 5-hydroxyindole acetic acid levels". Metabolic Brain Disease. 2008. 23(3),351-360.

Nair, VDP and Kanfer, I


Patnala, S and Kanfer, I


Tettey-Amlalo, R, Kanfer, I, Skinner, MF and Verbeeck, RK


Walker, RB


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PHILOSOPHY

2008 was a particularly successful year in terms of research activity in the Department of Philosophy, with great contributions from both staff and postgraduate students.

Publications
Research outputs that appeared in print in 2008 include:
- 5 papers in refereed journals
- 1 chapter in an edited collection
- 1 book (co-edited by Samantha Vice)

Research outputs produced in 2008, but which will only appear in print in 2009 include:
- 9 papers in accredited journals
- 4 chapters in edited collections
- 1 book (edited by Pedro Tabensky), with possibly a second (co-edited by Ward Jones and Samantha Vice).

We consider this to be a healthy rate of publication for a department of our size. In addition to these specific outputs, Ward Jones has continued to be the editor of Philosophical Papers, the premier philosophy journal in South Africa.

Conferences
In 2008 there were a total of 19 presentations made by departmental staff and postgraduate students at conferences, both local and international.

In addition, the department hosted the annual Philosophy Spring Colloquium in September, attracting participants from across the country.

Postgraduates
We are particularly delighted with the recent research performance of our postgraduate students. For some time now, the department has focused on getting postgraduate students involved in its research and other intellectual activities. We encourage students to be involved in the department’s research seminars and reading groups, and to participate in local conferences. In 2008, this approach bore much fruit. A total of 10 papers were presented at conferences by postgraduate students, and 1 paper by a PhD student (Rianna Oelofsen) appeared in an accredited journal. In addition to this, a further 6 papers by philosophy postgraduates were accepted for publication in accredited journals in 2008, though they will only appear in print in 2009. Needless to say, the department is extremely proud of its postgraduate class.

DR TOM MARTIN
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Jones, WE

Tabensky, PA


Vice, S


**PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER**

Kumar, C
Kumar, C. "Analytical Marxism and Foucault's theory of "disciplinary power"". *Imprints: Egalitarian Theory and Practice*. 2008. 10(2),

Kumar, C. "A pragmatic spin on analytical marxism and methodological individualism". *Philosophical Papers*. 2008. 37(2),185-211.

Mitova, V
Mitova, V. "Why WK Clifford was a closet pragmatist". *Philosophical Papers*. 2008. 37(3),471-489.


Oelofsen, R

Tabensky, PA

**OTHER PUBLICATIONS**

Vice, S

**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)**

i. Local Conferences

Dewhurst, T

Euvrard, J

Hamilton, K

Hoffmann, N

Jones, WE

Kelland, LA

Mitova, V


Oelofsen, R


Paphitis, S

Tabensky, PA


Terlazzo, R

Vice, S

Williamson, FX

**RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES**

**i. International Conferences**
Jones, WE

Mitova, V

Tabensky, PA

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Jones, WE

DISTINGUISHED VISITORS
Professor Brian Mooney, Singapore Management University. Postgraduate seminar course and presented papers to both the Department of Philosophy and the School of Languages.

Professor Bruce Janz, Central Florida University. Post-graduate seminar course, was keynote speaker at the *Philosophy Spring Colloquium*, and presented papers to both the Faculty of Humanities and the Department of Philosophy.

Professor Kendall Walton, University of Michigan. Presented papers to both the Faculty of Humanities and the Department of Philosophy.

Professor Thaddeus Metz, University of the Witwatersrand. Presented lectures to undergraduate students and participated in a day-long postgraduate workshop.

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<td>The moral life: essays in honour of John Cottingham</td>
<td>The insignificance of the self: partiality and spirituality</td>
<td>Vice, S</td>
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PHYSICS AND ELECTRONICS

The Department has been quite productive in 2008, with many papers and contributions to national and international conferences as indicated by our submissions.

Theoretical Nuclear Physics
The year 2008 was quite productive in Theoretical Nuclear Physics, with 7 published papers in international peer-reviewed journals, including one in Physical Review Letters. Most of the research centered on the Multi-Channel Algebraic Scattering (MCAS) Theory, involving the collaboration with the University of Melbourne (Australia), the University of Padova (Italy), and the University of Manitoba (Canada). There were also papers on exotic nuclei and intermediate energy nucleon-nucleus, the latter involving the collaboration with the Nuclear Physics Group of the CEA/Bruyeres-le-Chatel in France.

The MCAS development has continued, and the subject of the Physical Review Letter was the use of resonance states in the coupled-channel formalism. That is of great interest as research is now being done in coupled-channel studies involving target states of exotic nuclei, and those may be resonances themselves. That has formed part of the PhD Thesis of Mr Paul Fraser, of the University of Melbourne, and he has now submitted his PhD, part of which was done at Rhodes University in 2007.

Prof Steven Karataglidis attended the SAIP Meeting at the University of Limpopo in Polokwane in July, 2008, and his work was also presented at various international meetings by his collaborators. He visited the University of Melbourne and Brookhaven National Laboratory in December 2008, as well as CERN and CEA/Saclay in September, 2008. At CERN he visited the ISOLDE Facility, which conducts experiments using exotic nuclear beams, and was hosted by Dr Yorick Blumenfeld, the Head of Isolde, and Dr Emmanuel Tsesmelis. The visit to CERN was part of the SA-CERN Programme, of which Prof Karataglidis is the head of the Theory Section.

Luminescence Research Group
The following were some of the main activities of the Luminescence Research Group in 2008. Professor ML Chithambo organized the 2nd International Symposium on Luminescence. The meeting took place in Port Elizabeth in July 2008 and was held under the auspices of financial support from the National Research Foundation (NRF) and the Swiss National Science Foundation. The main aim of the symposium was to discuss the latest developments in the theory and application of luminescence techniques in the study of defect and dosimetry properties of synthetic and natural materials.

The Luminescence Group hosted, at various times in 2008, Dr Martin Ntwaeaborwa from the University of the Free State and Professor Emmanuel Sendezera from the University of Zululand. Prof Chithambo also visited the Helsinki University of Technology, Finland, November 2008. The visit was sponsored by the NRF.

Research papers were presented at various conferences. Prof. M L Chithambo continued to serve as reviewer for several international journals.

Astrophysics Group
Radio astronomy research continues to be associated with participation in the international Square Kilometre Array (SKA) project, the design and development of the MeerKAT radio telescope, and the C-BASS experiment (a collaboration between Caltech, JPL, Oxford, Manchester, HartRAO and Rhodes). Prof Justin Jonas has a joint appointment with the SKA South Africa Project Office (a business unit of the NRF), and holds the position of Associate Director: Science & Engineering. Together with Prof Roy Booth (Visiting Professor in the Department), he represents South Africa on the international SKA Science and Engineering Committee (SSEC), and was elected to the four person Executive of the SSEC. Prof Jonas presented invited papers on the MeerKAT telescope at conferences in Perth, Chicago and Madison, and attended SKA meetings in Perth, Liverpool and Washington DC. PhD students Laura Richter and Kim Mcalpine have close research ties with the University of Illinois and Oxford University respectively, with senior faculty members at those institutions assisting with their thesis supervision. Ms Richter spent an extended period at the National Center for Supercomputing Application (NCSA) at the University of Illinois, Ms Mcalpine attended a European Commission sponsored workshop at ASTRON in the Netherlands, and Prof Jonas made a short research visit to the Astrophysics Group at Oxford.
Ionospheric Physics Group
The Rhodes ionospheric research group in collaboration with the Hermanus Magnetic Observatory had an extremely busy and productive year in 2008. Four MSc students successfully completed their degrees and will graduate from Rhodes in April 2009, three of them with distinction. Of those four, three of them have now registered for their PhD degrees and have also produced their first ISI journal papers.

Two PhD students in the group received young scientist awards to travel to Chicago in the USA to attend the International Union of Radio Science (URSI) general assembly and to present on their results. Dr McKinnell travelled with them and also attended the Committee on Space Physics Research (COSPAR) Scientific Assembly in Montreal, Canada. Between these two events a total of 8 papers were presented from the group.

In addition to conference attendance Dr McKinnell spent time on scientific research visits to the USA, Czech Republic and Argentina. In return the group hosted Dr Dalia Buresova from the Czech Republic, Prof Martin Friedrich from Austria and Dr Dieter Bilitza from the USA. The group also hosted visitors from Zambia who are trying to set up a Space Physics programme with assistance from South Africa.

A major highlight for 2008 was the installation of a new ionosonde in Hermanus. This marks the fourth South African ionosonde, and is a collaboration between Rhodes, HMO and the Department of Communications (DoC). The new ionosonde is a state of the art Digisonde, model DPS-4D, and brings remarkable capabilities to the group.

PROFESSOR STEVEN KARATAGLIDIS
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Chithambo,ML


Jonas, JL

Karataglidis, S


Leeuw,LL


McKinnell, LA


Ngwira, CM and McKinnell, LA


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS AND ATTENDANCE)

i. Local Conferences

Chithambo, ML


Jonas, JL


Karataglidis, S


McKinnell, LA


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Chithambo, M.L.


Jonas, JL


Karataglidis, S


McKinnell, LA


INTERNATIONAL VISIT

Jonas,JL
Jonas,JL. University of Western Australia, Perth, Australia. SKA Science & Engineering Committee meeting. 7 - 11 April 2008.

Jonas,JL. Liverpool John Moores University, Liverpool, United Kingdom. ASTRONET Infrastructure Roadmap Symposium. 16 - 19 June 2008.

Jonas,JL. Oxford University, Oxford, United Kingdom. C-BASS and MeerKAT collaboration meetings. 3 November 2008.


Karataglidis,S

McKinnell,LA

McKinnell,LA.CASLEO Institute, San Juan, Argentina. Research visit. 5 - 27 November 2008.

McKinnell,LA and Habarulema,JB

INTERNATIONAL VISIT

Chithambo,ML
Chithambo, ML. Helsinki University of Technology, Finland, November 2008.

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<td>Kim,YJ, Amos, K, Karataglidis,S and Richter, WA. &quot;Microscopic model analyses of proton scattering</td>
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199 - Rhodes University Research Report 2008
from $^{12}$C, $^{20}$Ne, $^{24}$Mg, $^{28}$Si, and $^{40}$Ca”. Nuclear Physics A. 2008. 807,119-144.


Leeuw,LL


McKinnell,LA


TOTAL 5.19

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POLITICAL AND INTERNATIONAL STUDIES

In 2008, in addition to an exceptional number of research articles produced in peer reviewed academic journals, the Department was very active on the conference circuit as well as producing more popular pieces for the media. Professors Vale and Vincent as well as Dr Hoeane publish in the daily and weekly papers on a reasonably regular basis.

Professor Peter Vale’s edited book which he coproduced with Professor Gary Baines of the History Department and published with Unisa Press has been well-received. Dr Leonhard Praeg was able to turn his M.Ed. thesis into a book which deals with the lecturer/student relationship in the changing world of higher education.

The Department published a large number of journal articles this year. What is particularly pleasing about this output is that it was not an isolated few members of the staff that were productive but rather that productivity and involvement in research is widespread with almost every member of the Department contributing. Moreover, what is noteworthy is that several of these publications are in very good international journals. The Department has, then, been able to maintain a high profile in both local and international publications.

PROFESSOR LOUISE VINCENT
ACTING HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Matthews,SJ

Praeg,L

Vale,P


PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bischoff,PH
Bischoff,PH. "Pan-African multilateralism - transformative or disconnected?" Politikon. 2008. 35(2),177-196.

Hoeane,T
Hoeane,T. "Floor crossing in South Africa: entrenching or undermining democracy". Politiea. 2008. 27(2),70-88.

Kapa,M

Magure,B

Matthews,SJ

Pithouse, R.

Praeg, L.


Vale, P.
Vale, P. "Lost horizons: the humanities in South Africa". Arts and Humanities in Higher Education. 2008. 7(2),117-130.


Vincent, L.D.

Vincent, L.D. "Boys will be boys: traditional Xhosa male circumcision, HIV and sexual socialisation in contemporary South Africa". Culture, Health and Sexuality. 2008. 10(5),431-446.


OTHER PUBLICATIONS

Vale, P.


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Hoeane,T

Matthews,SJ

ii. International Conferences

Bischoff,PH

Praeg,L

Vincent,LD

DISTINGUISHED VISITORS

Vale,P

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<td>Kapa,M. &quot;The role and position of civil society organisations in Lesotho's democratisation process&quot;. Journal of African Elections. 2008. 7(1),124-137.</td>
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<td>Matthews,SJ. &quot;The role of the privileged in responding to poverty: perspectives emerging from the post-development debate&quot;. Third World Quarterly. 2008. 29(6),1035-1049.</td>
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203 - Rhodes University Research Report 2008
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<td>&quot;Boys will be boys: traditional Xhosa male circumcision, HIV and sexual socialisation in contemporary South Africa&quot;. Culture, Health and Sexuality. 2008. 10(5),431-446.</td>
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**POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES**

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**BOOKS SUBMITTED FOR POSSIBLE SUBSIDY**

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<tr>
<td>Beyond the Border War: new perspectives on Southern Africa's late-cold war conflicts</td>
<td>The cold war and South Africa: repetitions and revisions on a prolegomena</td>
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2008 was a successful year for the Psychology Department in terms of its research. Our output is looking healthy, we hosted a number of international visitors and events, and our post-graduate research programme is doing well.

Nine of our staff members had their work published in 2008, resulting in 23 chapters and articles. Topics included:

- Development and validation of the Xhosa translation of the Beck inventories;
- Development and utilisation of a suicide risk assessment interview schedule;
- Assessment and treatment of post-abortion syndrome;
- Neurocognitive vulnerability and compromised visuomotor processing speed amongst rugby players;
- Incidence of concussive injury reported for follow-up management in the South African Rugby Union;
- Interactions with a child with autism;
- Postcolonialism in Psychology;
- Methodological issues in research on young women and abortion;
- Methodological issues in case studies;
- Intersubjectivity and the schizophrenic experience

We are particularly proud of the edited book produced by Clifford van Ommen, of Rhodes University, and Desmond Painter, previously of Rhodes University and now at University of Stellenbosch. This book, entitled *Interiors: A History of Psychology in South Africa*, has won critical acclaim within a short period of time. Three staff members (past and present) published chapters in the book.

The international stature of the department’s research is evidenced in the fact that thirteen of the 2008 publications were in international journals or books, and that during 2008 one of our staff members, Prof Catriona Macleod, received a B rating from the National Research Foundation (B rating is described as “Researchers who enjoy considerable international recognition by their peers for the high quality of their recent research outputs”).

In terms of conferences, papers were delivered at international conferences in Nigeria, the United Kingdom, Finland, Switzerland, and Spain. A further six papers were delivered at national conferences, one of which was a key-note address.

The Psychology Department hosted the Critical Methods Conference in 2008. This national conference attracted just over 40 delegates from all over South Africa. Key-note addresses were delivered by Prof Wendy Stainton Rogers of Open University, United Kingdom, and Prof Norman Duncan of the University of the Witwatersrand.

Other distinguished guests included Prof Ian Lubek of the University of Guelph, Canada, Prof Chabani Manganyi or the University of Pretoria and Prof Don Foster of the University of Cape Town. All three facilitated seminars with post-graduate students, and Prof Manganyi and Prof Foster delivered public lectures. Prof Manganyi’s public lecture formed part of the Social Change project initiated by the Psychology Department, in which prominent South African Psychologists are acknowledged for their contribution to social change in South Africa.

Currently, we have a very healthy number of Masters and PhD students and there is a steady increase in applications for Masters by thesis and PhD. What is particularly pleasing is the number of the students who are co-publishing with their supervisors. One student, Tracy Morison, published a chapter on her own work.

PROFESSOR CATRIONA MACLEOD
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Bohmke, W


Geils, C


Knoetze, J


Macleod, C I


Shuttleworth-Edwards, A B


Shuttleworth-Edwards, A B and Radloff, S. "Compromised visuomotor processing speed in players of Rugby Union from school through to the adult national level”. Archives of Clinical Neuropsychology. 2008. 23(5), 511-520.

Shuttleworth-Edwards, A B and Smith, I P


Steele, G and Edwards, D J A


van Ommen, C


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Appalsamy, P


Edwards, D J A

Macleod, CI


Saville Young, L

van Ommen, C


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Appalsamy, P

Edwards, DJA


Macleod, CI

Shuttleworth-Edwards, AB and Whitefield, VJ

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

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<td>&quot;Developing principles for research about young women and abortion: a feminist analysis of difficulties in current studies&quot;. Feminist Africa. 2008. 11,55-72.</td>
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RHODES INVESTEC BUSINESS SCHOOL

As part of its strategic intent, the Rhodes Investec Business School (RIBS) aims to be a research orientated Business School. With its current staffing complement of effectively 2½ full-time academic members of staff, it struggles, however, to operationalise this strategy. It nevertheless works very hard at increasing its research output and lends considerable financial and moral support to its academic staff to engage in research, as well as to attend conferences. Dr Pearse, currently the premier researcher in the School, attended two international conferences this year, while virtually all the members of the School attended a local conference where PhD students and young part-time members of staff took the opportunity to cut their research teeth. The aim is to convert MBA dissertations into publications at one level or another.

There are currently two PhD students enrolled in RIBS while Dr Pearse is the principal supervisor of a PhD student registered in the Department of Management. When these students complete their research, RIBS looks forward to a relatively explosive increase in its research output.

While there was only one journal article published this year, two members of the RIBS staff contributed significantly to two books in their capacities as co-authors.

RIBS is indebted to the DVC: Research and Development for making funds available for members of RIBS staff to attend conferences during the year.

PROFESSOR GAVIN STAUDE
HEAD OF SCHOOL

BOOKS/CHAPTERS/MONOGRAPHS

Pearse,NJ

Staude,GE

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Pearse,NJ

OTHER PUBLICATIONS

Whittington-Jones,KJ

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences
Pearse,NJ

Pearse,NJ and Taylor,S

Whittington-Jones,K

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Kanyangale,M and Pearse,NJ

Pearse,NJ


Whittington-Jones,KJ and Burgess,JE

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RHODES UNIVERSITY MATHS EDUCATION PROGRAMME (RUMEP)

Undertakings and achievements at RUMEP in 2008 included the following:

**Advanced certificate in education (ACE).** The Advanced Certificate in Education that RUMEP offers has grown from strength to strength over the years. The full accreditation awarded to the RUMEP ACE is testimony to the success of this programme. For next year the number of applications for admission to the course has been in excess of more than one hundred of which RUMEP is only able to admit forty-eight students as a maximum.

**Enrolment.** This year RUMEP has had an enrolment of forty-seven first year and forty-one second year students who all reside and teach mostly in the rural districts of the Eastern Cape. RUMEP caters for teachers at all the phase levels and contact sessions take place in the January and July school vacations.

**Classroom research (ACE students).** Forty ACE students presented the results of their classroom research conducted in 2008. The conference was held at St Peters building, Rhodes University. A number of Department of Education officials from the Eastern Cape attended the conference.

**Staff Development.** Degrees in Progress:
- Mr Thomas Haywood, M.Ed (Rhodes): *An exploration of teachers’ and learners’ understanding of geometry with respect to van Hiele’s theory of geometric thinking*.
- Mrs Thami Tokwe, M.Ed (Rhodes): *An investigation into the use of Mathematics Concept Literacy Resource Book*.

**IMPUMELELO Innovations Award.** The RUMEP Collegial Cluster Project was among the 40 winning projects being recognised for work being done with teachers in schools in the Eastern Cape Province. RUMEP is excited with winning a silver award worth R20 000 being given recognition to a project that does extensive work with teachers in mostly rural areas in the Eastern Cape.

**Certificate of Recognition.** The Makana Municipality decided to celebrate the recent scoop of national awards by Grahamstown based organisations and individuals by holding a gala dinner and honouring the achievers with Certificates of Recognition. RUMEP was a recipient of one of these Certificates.

**Funding.** RUMEP has once again secured full funding from Zenex Foundation for a B.Ed course for 36 teachers to be registered in 2009. Part funding was received for the ACE course from Standard Bank as well as ABSA Foundation.

DR ROSE SPANNEBERG
DIRECTOR: RUMEP

BOOKS/CHAPTERS/MONOGRAPHS

Spanneberg,R

Tokwe,NH

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences
Haywood, T

Mahlobo, N L

Penlington, T


Tokwe, N H

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Mkwane, F

Penlington, T


Spanneberg, R

DISTINGUISHED VISITORS

Marx, J
SCHOOL OF LANGUAGES

A number of esteemed visitors contributed to the School’s academic programmes in 2008.

SANTED Project/African Language Studies was honoured to be visited by the National Minister of Education, the Honourable Mrs Naledi Pandor. She gave a public lecture titled “The role of African languages in higher education.” She also sat in on our isiXhosa mother-tongue and vocation-specific language programme (IsiXhosa for Pharmacy) classes. During the visit SANTED also gave a presentation on its activities to the Minister.

We also received a delegation from the National Department of Arts and Culture which manifested in a multi-million rand bursary award for post-graduate students studying language programmes at Rhodes.

A visit was paid by Mr Calana who lives in Bedford. He is a well-known isiXhosa author and he presented a guest lecture to the isiXhosa 1 mother-tongue students. A visit was also paid by Mr Tyatyeka from the PanSALB and he addressed the isiXhosa 1 mother-tongue and second language students on job opportunities for language practitioners.

The African Language Studies Section was also visited by students and professors from Goucher College, USA. They were addressed on various topics of interests by Prof Kaschula and Dr Monica Hendricks.

Afrikaans and Netherlandic Studies hosted Professor John Kannemeyer who presented a Humanities Faculty seminar on Literary Biographies. Afrikaans and Netherlandic Studies also hosted Dr Hans Ester from Radboud University in the Netherlands. On his visit he presented a School of Languages seminar on Literature and Ethics and contributed to the supervision of a PhD student registered in the Section.

The Suid-Afrikaanse Vereniging vir Neerlandistiek invited Rhodes to host a Dutch Winter School in July 2008 and a generous sponsorship from the Dutch Language Union enabled the Division to invite drs. Alice van Kalsbeek from Steunpunt Nederlands, Amsterdam, and Prof Yves T’Sjoen from Ghent in Belgium to present courses in Dutch Language and Literature at Rhodes.

Professor David Wardle from the University of Cape Town (a frequent visitor to this university over the last 15 years) spent a week in May giving lectures on ancient history to Classical Civilisation 1 and 2.

The School was also visited by a delegation from Jinan University, headed by the Vice-Chancellor of that University, Professor Ma Yue who will be teaching Chinese Studies in the SOL in 2009 also accompanied the delegation. The School launched the Rhodes University Chinese Studies Confucius Institute in October of 2008.

John Jackson presented a seminar in the School of Languages entitled “An ancient British Freedom Fighter”. This focused on the revolt of Boudica against the Romans, and the iconography and myth-making associated with her name up to the present.

Undine Weber presented a seminar in the History Department as well as in the School of Languages. The topic “History in the Making” dealt with the presence of the American occupation forces in West Germany in the 1950s.

The SANTED Team (Maseko, Dalvit, Mapi & Sam) presented a seminar in which they outlined the intercultural approach that is being used to implementing multilingualism at Rhodes.

Claire Cordell presented a seminar entitled “Regard cet edifice: Funerary monuments in some 16th-century French tragic tales.”

Staff in the School were very active in attending conferences in 2008. Russell Kaschula was a keynote speaker at an international conference in Botswana. He also presented a paper at an international conference in Italy. Lorenzo Dalvit led a team of SANTED and other conference attendees from the School to attend conferences in Uganda, Italy, Lesotho and Ethiopia. Arthur Mukenge and Patrice Mwepu attended a conference in Botswana. They also attended a conference in Libreville.

**Awards and financial support**

Financial support has been received in the School of Languages from the following donors/funders/awards during the course of the year. These awards are gratefully acknowledged:

- South Africa-Norway-Tertiary-Education Development Programme (R4 million until the end of 2010)
- Foundation for Human Rights (R100, 000.00)
- Department of Arts and Culture (R7.5 million until the end of 2011)
- HANBAN (People’s Republic of China) (R860 000.00)
- Faculty of Humanities, Rhodes University
- Rhodes University Joint Research Council
- National Research Foundation
- Dutch Language Union
- Italian Consulate and the Friends of Italy (R25 000)
- DAAD (German Academic Exchange Service) (R18 000.00)
- The Pan South African Language Board (PanSALB) awarded Rhodes a “Multilingualism and Nation Building Award” for work done by SANTED in the promotion of use of other languages in the University.

One of the highlights for the school was receiving an award of R7.5 million for bursaries at Honours and MA level. Students who receive these bursaries will be involved in linguistic and applied language studies research and learning.

**Graduate supervision and examining**

The School now boasts a record number of postgraduate students, including 5 PhD students.

Professor Russell Kaschula examined 2 MA theses from the University of Stellenbosch. Undine Weber was external examiner for German at NMMU and examined one Research Report for an MA in European Literature from the University of the Witwatersrand. Dr Godfrey Meintjes was external examiner for an MA in creative writing in the Graduate School of Humanities at UCT. John Jackson was an examiner for an MA thesis in Roman History at UCT.

**Degrees in progress (staff):**

The following staff members are busy with their MA degrees: Rebecca French (submitted); Thandeka Mapi (submitted); Msindisi Sam and Daniel Malamis. The following staff members are busy with their PhD degrees: Undine Weber; Pamella Maseko; Bulelw Nolwela; Anton Vorster and Arthur Mukenge.

Student numbers grew substantially in the reporting period. In many courses numbers doubled whilst they tripled in others. New and innovative programmes are being developed and offered in the School of Languages. An isiXhosa mother-tongue course was offered for the first time in ten years. SANTED/African Languages staff offered vocation-specific language courses in the Faculties of Pharmacy and Law for the first time and they now formally make up part of the curricula in those faculties. The SANTED Project team also taught isiXhosa communication skills courses to staff at the University. This team also continued to develop an English-IsiXhosa glossary for Computer Science to support the teaching of Computer Science to isiXhosa mother-tongue students.

Afrikaans and Netherlandic Studies received a substantial grant from the Cape Forum for Netherlandic Studies which enabled the Section to employ Ms Else Boekkooi to teach two semester courses in Dutch language acquisition at Rhodes. Mr Anton Vorster taught, by invitation, a Dutch literature course at NMMU, while he and Mr Tim Huisamen have also been invited to assist NMMU with the teaching of Dutch literature in 2009. Teaching and Learning in Afrikaans and Netherlandic Studies were enhanced by generous sponsorships from the Dutch Language Union, which enabled students to attend the Dutch Winter School in July 2008, as well as the Woordfees and a Dutch seminar in Stellenbosch.

Dr Claire Cordell also facilitated and taught an introductory course in Italian.

2008 has been a year of continued growth for the School of Languages at Rhodes University. This is attributable to the absolute dedication provided by members of the School, both in the carrying out of their teaching responsibilities...
as well as research. The growth in research outputs is clear evidence of this commitment. It is the aim of the School to reposition itself under my leadership as a leading School of Languages.

PROFESSOR RUSSELL KASCHULA
HEAD OF SCHOOL

BOOKS/CHAPTERS/MONOGRAPHS

Weber, U

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Mwepu, PK


Kaschula, RH

Kaschula, RH and Mostert, A

Kaschula, RH and Mpola, N

Kaschula, RH and Wienand, C

OTHER PUBLICATIONS

Kaschula, RH

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Dalvit, L


Kaschula,RH

Kaschula,RH, Dalvit,L, Mapi,T, Nelani,L, Nosilela,B and Sam,M

Mapi,T and Kaschula,R

Mapi,T and Maseko,P

Mapi,T, Maseko,P and Kaschula,R

Maseko,P, Nosilela,B, Mapi,T and Sam,M

Sam,M and Kachula,R

Sam,M, Kaschula,R and Maseko,P
Snowball, WD

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Dalvit, L


Jaques, F

Kaschula, RH

Mapi, T, Sam, M and Maseko, P

Maseko, P

Maseko, P, Nosilela, B, Mapi, T and Sam, M

Mukenge, AN


Mwepu, PK


Sam, M

CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Cordell, CJ
Cordell, CJ. Facilitator. Teaching a "foreign" language. NMMU. Port Elizabeth, South Africa. 25 January 2008.

Dalvit, L

Dalvit, L, Mapi, T and Sam, M

Dalvit, L, Maseko, P, Sam, M and Mapi, T

Jackson, JL

Maseko, P
Maseko, P. Rhodes University Representative. "Implementing Rhodes University's language policy". National Colloquium on Mother Tongue Based Bilingual Education. University of Cape Town. Cape Town, South Africa. 5 - 6 December 2008.

Mukenge, A
Mukenge, A. Presenter. "Le tour d'horizon de la litterature d'Afrique noir d'expression francaise". Workshop with 1st and 2nd year students. Amphitheatre EBLA. Aleppo, Syria. 15 April 2008.

Mukenge, AN

INTERNATIONAL VISIT

van Schoor, DJ

JOURNAL SUBSIDY UNITS

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<td>Kaschula, RH</td>
<td>&quot;The oppression of isiXhosa literature and the irony of transformation&quot;</td>
<td>English in Africa</td>
<td>2008</td>
<td>35(1)</td>
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<td>Kaschula, RH and Mpola, N</td>
<td>&quot;IsiXhosa songs and poetry as forms of cultural expression: Ngxokolo's musical composition BUNJALO UBOM, 'Such is Life'&quot;</td>
<td>Southern African Journal for Folklore Studies</td>
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<td>Mwepu, PK</td>
<td>&quot;From self-identity to universality: a reading of Henri Lopes' works&quot;</td>
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<td>&quot;La femme et sa lutte de libération dans l'oeuvre de Lopes&quot;</td>
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<td>Learning to live in the knowledge society (WCC 2008)</td>
<td>The role of indigenous knowledge in computer education in Africa</td>
<td>Dalvit L, Murray S, Terzoli A</td>
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<td>Special topics in computing and ICT research: strengthening the role of ICT in development</td>
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<td>La culture religieuse de Francois Mauriac</td>
<td>Jansénisme et culpabilité chez François Mauriac [Jansenism and guilt in François Mauriac's works]</td>
<td>Jacques, F</td>
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</table>
The Sociology Department had a good year with staff members research output up on previous years. In addition, the Department continued to register an increase in undergraduate numbers and to maintain its graduate numbers, especially at Masters and PhD level.

Staff members had a busy year attending conferences, both national and international. Highlights include the annual Sociological Association of South Africa (SASA) Congress that was attended by six staff members who all presented papers and a large contingent of masters and PhD students, some of whom attended the PhD workshop and others who presented papers. Dr Monty Roodt the HOD of the Department was elected onto the executive of the Association and is currently serving as secretary. Ms Sandra Matatu, a PhD student in the Department was elected to the Council as a student representative.

International conferences where staff delivered papers include Professor Jimi Adesina attending DFID/UNRISID workshops in London and Beijing and delivering a paper at the Geneva centre for Security Studies in Geneva; Professor Jan Coetzee at a “Teaching qualitative methods” conference in Lodz in Poland, Professor Michael Drewett at a “Pop Conference” in Seattle in the United States; Dr Kirk Helliker at “Expanding capitalism: destruction of the common goods and food sovereignty” conference in Guatemala City, Guatemala; and Ms Janet Chisaka at the Northeastern Workshop on Southern Africa in Vermont, United States.

In addition staff in the Department published a number of articles in journals, books and monographs. The Department continued to forge research links with other African countries. Dr Helliker is co-leader of a research programme on land reform and civil society in southern and east Africa, under the auspices of African Institute for Agrarian Studies in Harare; Dr Gilton Klerck continues to research and publish on industrial relations in Namibia; Drs Miller and Roodt were members of a 10 member multidisciplinary, international team working on the Codesria Comparative Research Network/ISER, Rhodes University “South Africa in Africa Research Initiative” (SAARI) which has produced a special edition of the Journal African Sociological Review published at the end of 2008.

Professor Jimi Adesina spent the first quarter of 2008 as Oppenheimer Visiting Fellow at the Queen Elizabeth House (Department for International Development) at the University of Oxford and the second quarter of 2008 as senior Guest Researcher at the Nordic Africa Institute (NAI) at Uppsala, Sweden during which he developed the research programme on “Transformative Social Policy in Re-imagining Africa’s Development” at NAI. He initiated with Professor Joakim Palme (Swedish Institute for Futures Studies & Stockholm University) and Carin Norberg and Professor Fantu Cheru (NAI), the Nordic-Africa Social Policy Research Consortium. In 2008, Professor Adesina completed his second term of three years as a member of the Executive Committee of CODESRIA, during which period he served as the Chair of its Programme Sub-Committee.

DR MONTY ROODT
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Adesina, JOT

Drewett, M


Helliker, K

Helliker,K and Murisa,T


Murisa,T


Oladeinde,O

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Adesina,JOT


Drewett,MD

Helliker,KD

Hendricks,F

Hund,J

Klerck,GG
Klerck,GG. "Industrial relations in Namibia since independence: between neo-liberalism and neo-corporatism?". Employee Relations. 2008. 30(4),355-371.


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences


Miller,D


Roodt,JJ


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Adesina,JOT


Chisaka,JKC

Coetzee,JKC

Drewett,MD
"Stand up and be a real man: patriarchal patriotism in songs about the USA's war in Vietnam and South Africa's apartheid border war". Pop Conference. The Experience Music Project, Seattle. United States. April 2008.

Helliker,KD

Rhodes University Research Report 2008 - 226
CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

Miller, D


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<td>Proceedings of the XII international symposium on biological control of weeds</td>
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<tr>
<td>Beyond the Border War: new perspectives on Southern Africa’s late-cold war conflicts</td>
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STATISTICS

Members of the department were involved in joint research with the departments of Environmental Science, Ichthyology and Fisheries Science, Management, Psychology, Zoology and Entomology, and the Institute of Social and Economic Research. This collaborative research resulted in 11 publications in international journals and three further publications in pure mathematics were produced in 2008.

Several papers were presented at local and international conferences in 2008. Mr Jeremy Baxter co-presented a paper at the Business and Economics Society in Switzerland and another paper, together with Prof Gunther Jäger, at the 51st Annual Conference of the South African Statistical Association in Pretoria. At the same conference, masters student E.N. Glover presented a paper and won the second prize in the post-graduate paper competition. Prof Sarah Radloff co-presented 3 papers at the 9th Asian Apicultural Association (AAA) Conference, University of Zhejiang, Hangzhou, China and a paper at the 3rd International Conference on Sports Concussion, Zurich, Switzerland. She further co-presented a paper at the 23rd International Congress of Entomology, Durban.

The department hosted three distinguished visitors in 2008: Prof E. Libanova from the Institute of Demography and Social Studies, Kiev, Ukraine in July, Dr A Neethling from the Department of Statistics and Actuarial Science, University of Stellenbosch in September and Prof E George from the Department of Statistics, University of Pennsylvania, USA in November.

PROFESSOR GUNTHER JÄGER
HEAD OF DEPARTMENT

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER

Bangay,L

Baxter,J


Jäger,G


Radloff,S
Shuttleworth-Edwards,AB and Radloff,S. "Compromised visuomotor processing speed in players of Rugby Union from school through to the adult national level”. Archives of Clinical Neuropsychology. 2008. 23(5),511-520.


### RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

#### i. Local Conferences

**Bangay, L**


**Baxter, J.S and Jäger, G**


**Glover, E.N**


**Radloff, S**


### RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

#### ii. International Conferences
Baxter, JS

Radloff, SE


DISTINGUISHED VISITORS

Libanova, E

Neethling, A

George, E

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Rhodes University Research Report 2008 - 232


**Radloff,** S

*Shuttleworth-Edwards, AB* and *Radloff, S.* "Compromised visuomotor processing speed in players of Rugby Union from school through to the adult national level". Archives of Clinical Neuropsychology. 2008. 23(5),511-520. 0.50

**Radloff,** SE


*Shuttleworth-Edwards, AB,* Smith, IP and *Radloff, SE.* "Neurocognitive vulnerability amongst university rugby players versus noncontact sport controls". Journal of Clinical and Experimental Neuropsychology. 2008. 30(8),870-884. 0.34

Tan, K, *Yang, M-X, Radloff, SE,* Hepburn, HR, Zhang, ZY, Luo, LJ and Li, H. "Dancing to different tunes: heterospecific deciphering of the honeybee waggle dance". Naturwissenschaften. 2008. 95,1165-1168. 0.14

**TOTAL** 5.51

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**POSTGRADUATE SUBSIDY UNITS 2008 GRADUATES**

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ZOOLGY AND ENTOMOLOGY

The research enthusiasm and drive of all departmental staff, research associates and students meant that 2008 was another extremely productive year in terms of research publications and conference participation. Fifty-four full-length papers were published in peer-reviewed journals as well as three book chapters. Professor William Froneman co-edited an important book on the Prince Edward Islands (“The Prince Edward Islands: land sea interactions in a changing ecosystem”) which was published by Sunmedia. All staff, postdoctoral researchers and many students attended and presented their work at numerous local meetings as well as major international conferences in South Africa, Hawaii, The Azores, Crete, Australia, USA, Spain, Canada, Denmark, France, Switzerland and Zimbabwe. Some of these presentations were invited. In addition the Professor Martin Villet organized a section, and Professor Martin Hill and Dr Julie Coetzee organized a scientific symposium at the International Congress of Entomology which was held in Durban. Professor Adrian Craig served on the programme committee of the Pan African Ornithological Congress which met at Goudini Spa. At this meeting he was elected chair of the 2012 PAOC congress committee.

The main broad fields of research within the department continue to be in marine biology, entomology, vertebrate biology and wildlife management. Agricultural Entomology and Weed Biocontrol research was given a boost by refurbishment of the Waainek facilities on the outskirts of the campus, and the construction of large rearing tunnels. Research projects now include studies of pests of citrus, macadamia and litchi as well as submerged aquatic weeds. Many of the academic staff travelled widely to continue or develop new research collaborations. Professor Alan Hodgson visited the University of Newcastle, Professor Craig the University of Rennes, and Professor Froneman and Dr Nicole Richoux went to Argentina as part of the South Africa-Argentina bilateral agreement. Here they established a joint research programme with researchers from the University of Cordoba. During the visit, Professor Froneman was invited to present a seminar on the research highlights of the Southern Ocean Group at Rhodes. Emeritus Professor Randall Hepburn continued to pursue his research work on the bees of Asia, visiting Thailand and China. During a visit to Zimbabwe Dr Dan Parker cemented collaborative links between the department, the Zambezi Society and the Wildlife Conservation Research Unit from the University of Oxford. Together they are embarking on a major study of leopards, a species listed as Near-Threatened by the IUCN.

International research links also brought researchers to the department. In May Professor Hodgson hosted a visit from Professor Hans-Jorg Ferenz (University of Halle). Professor Hepburn received collaborators from Asia, Dr Mananya Piancharoen from Thailand and postgraduate research students from Yunnan and Zhejiang, China. Professor Craig hosted visits from Prof. Martine Hausberger (University of Rennes) and Dr Sébastien Jaquemet from Réunion (who also collaborates with Professor Christopher McQuaid). In December Professor Olof Bistrom (University of Helsinki) co-presented a WRC-funded workshop on Water Beetle Systematics with Dr Ferdy de Moor and Professor Villet.

During the year Professor Hodgson was elected a Fellow of the Royal Society of South Africa, Professor Froneman was elected to the Academy of Science of South Africa and Professor Villet was appointed as a Research Fellow at the South African Institute of Aquatic Biodiversity.

PROFESSOR ALAN HODGSON
HEAD OF DEPARTMENT

BOOKS/CHAPTERS/MONOGRAPHS

Barber-James,H and de Moor,F

de Moor,F
Froneman,PW  


McQuaid,CD and Froneman,PW  

Villet,MH  


Villet,MH and Richards,CS  

PUBLICATIONS RESEARCH JOURNALS IN ABSTRACT AND/OR FULL PAPER  
Allan,EL and Froneman,PW  


Barber-James,HM  


Bernard,K  
Bownes,S and McQuaid,CD  

Coetzee,JA  

de Moor,FC  


Rivers-Moore,NA, Hughes,DA and de Moor,FC. "A model to predict outbreak periods of the pest blackfly *Simulium chutteri* Lewis (Simuliidae, Siptera) in the Great Fish River, Eastern Cape Province, South Africa". *River Research and Applications*. 2008. 24,132-147.


Downie,DA  

Froneman,PW  

Froneman,PD and Vorwerk,PD  

Hendry,DA and Hill,MP  

Hepburn,C and Hepburn,HR  


McQuaid, CD  

Midgley, JM and Villet, MH  
Midgley, JM and Villet, MH. "Development of Thanatophilus micans (Fabricius 1794) (Coleoptera: Silphidae) at constant temperatures". International Journal of Legal Medicine. 2008. DOI 10.1007/s00414-008-0280-0

Midgley, JM, Hill, MP and Villet, MH. "Baited traps may be an alternative to conventional pesticides in integrated crop management of chicory (Compositae) in South Africa". Journal of Economic Entomology. 2008. 101(1),99-106.

Neumann, P  


Hoffmann, D, Pettis, JS and Neumann, P. "Potential host shift of the small hive beetle (Aethina timida) to bumblebee colonies (Bombus impatiens)". Insectes Sociaux. 2008. 55,153-162.


Evans, JD, Spiewok, S, Teixeira, EW and Neumann, PE. "Microsatellite loci for the small hive beetle, Aethina tumida, a nest parasite of honey bees". Molecular Ecology Resources. 2008. 8(3),698-700.


Nicastro, KR, Zardi, GI and McQuaid, CD  

Ogada, DL


Orr, KK and Froneman, PW


Parker, D and Bernard, R


Porri, F and McQuaid, CD


Porri, F, Jordaan, T and McQuaid, CD

Porri, F, Jordaan, T and McQuaid, CD. "Does cannibalism of larvae by adults affect settlement and connectivity of mussel populations?". Estuarine Coastal and Shelf Science. 2008. 79, 687-693.

Richoux, NB and Froneman, PW


Villet, MH


von der Meden, CEO, Porri, F and McQuaid, CD


Vorwerk, PD and Froneman, PW


Whittington-Jones, GM, Bernard, RTF and Parker, DM


Yang, M-X and Hepburn, HR


Zardi, GI, Nicastro, KR and McQuaid, CD


OTHER PUBLICATIONS

Barber-James, HM and de Moor, F


Villet, MH


RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES (PROCEEDINGS, BOOKLETS and ATTENDANCE)

i. Local Conferences

Allan, EL and Froneman, PW


Bernard, KS


Bernard, ATF and Froneman, PW


Bornman, K and Cowley, PD

Bownes, A and Hill, M.P.


Brassine, M.C and Villet, M.H.

Cockburn, J, Hepburn, C and Hill, M.P.

Coetzee, J.A, Hill, M.P and Schlange, D.

Cole, V.J.

Cole, V.J, McQuaid, C.D and Nakin, M.D.V.

Craig, A and Hulley, P.E.

da Conceicóa, L.L, James, H.M, Price, B.W and Villet, M.H.

Daley, R and Froneman, P.W.

de Moor, F.


Forbes, R, Parker, DM, Hulley, PE and Craig, A

Froneman, PW


Froneman, PW and Vorwerk, PD

Goble, TA, Price, BW and Villet, MH


Hepburn, C, Villet, MH and Hill, MP


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Heyns,EL and Froneman,PW

Hill,MP


Jordaan,T, McQuaid,CD and Porri,F

Keeton,KL and Villet,MH

Kohler,S and McQuaid,CD


Leverero,F and Craig,A

Lorentz,K and Hill,MP
Lucak,D and Hill,MP

McQuaid,CD

McQuaid,CD, Zardi,GI and Nicastro,KR

Mmonwa,KL, McQuaid,CD


Mostert,BP and McQuaid,CD

Mostert,E and Bodill,S

Nakin,MDV and McQuaid,CD

Paterson,ID, Downie,DA and Hill,MP


Porri,F, Jordaan,T and McQuaid,CD

Price,BW and Villet,MH

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Price, BW, Bellingan, TA and Villet, MH

Singh, L and Froneman, PW

Sterley, JS and Froneman, PW

Tweedle, G and Froneman, PW

Villet, MH and Mazungula, DN

von der Meden, CEO, Porri, F and McQuaid, CD

Walton, S, Downie, DA and Villet, MH

Weyl, PSR and Villet, MH

RESEARCH PAPERS PRESENTED AT ACADEMIC/SCIENTIFIC CONFERENCES
(PROCEEDINGS, BOOKLETS and ATTENDANCE)

ii. International Conferences

Bernard, KS

Coetzee, JA and Hill, MP

de Moor, F


Froneman, PW

Gobel, TA, Price, BW and Villet, MH

Goble, TA, Price, BW and Villet, MH

Hill, JM and McQuaid, CD

Hill, MP


Hill, MP and Coetzee, JA

McQuaid, CD, Nicastro, KR, Zardi, GI, Porri, F and Jordaan, T

Pereira da Conceicão, LL, Villet, MH and Price, BW
Pinchuck, SC and Hodgson, AN

Price, BW and Villet, MH


Price, BW, Bellingan, TA, and Villet, MH

Randall, M and Pinchuck, SC

Richards, CS, Crous, KL, and Villet, MH

Richoux, NB and Froneman, PW

Villet, MH

Villet, MH and Richards, CS
Villet, MH and Richards, CS. "Factors affecting accuracy and precision of thermal summation models of insect development used to estimate postmortem intervals". 6th Meeting of the European Association for Forensic Entomology. Chania, Crete, Greece. May 2008.

Yang, M-X and Hepburn, HR

Yang, M-X, Crous, K.L. and Hepburn, H.R.


CONCERTS, EXHIBITIONS, PERFORMANCES, WORKSHOPS, EVENTS

de Moor, F.C. and Villet, M.H.


JOURNAL SUBSIDY UNITS

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<td>de Moor, F.C. and Ivanov, V.D. &quot;Global diversity of caddisflies (Trichoptera: Insecta) in freshwater&quot;. Hydrobiology. 2008. 595, 393-407.</td>
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<td>Rivers-Moore, N.A., Hughes, D.A. and de Moor, F.C. &quot;A model to predict outbreak periods of the pest blackfly Simulium chutteri Lewis (Simuliidae, diptera) in the Great Fish River, Eastern Cape Province, South Africa&quot;. River Research and Applications. 2008. 24, 132-147.</td>
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<td>Kirk-Spriggs, AH</td>
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<td>&quot;A contribution to the knowledge of the immature stages of Curtonotum (Diptera: Ephydroidea: Curtonotidae) and an assessment of their value as species-level characters&quot;.</td>
<td>African Entomology.</td>
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<td>McQuaid,CD</td>
<td>Teske, PR. Papadopoulous I., Newman, BK, Dworschak, PC. McQuaid, CD and Barker, NP. &quot;Oceanic dispersal barriers, adaptation and larval retention: an interdisciplinary assessment of potential factors maintaining a phylogeographic break between sister lineages of an African prawn&quot;</td>
<td>Bmc Evolutionary Biology</td>
<td>2008</td>
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<td>Midgley, JM and Villet, MH</td>
<td>Midgley, JM and Villet, MH. &quot;Development of Thanatophilus micans (Fabricius 1794) (Coleoptera: Silphidae) at constant temperatures&quot;</td>
<td>International Journal of Legal Medicine</td>
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<td>Ritter, W., Neumann, P., Schafer, MO and Pettis, JS. &quot;A scientific note on quantitative diagnosis of small hive beetles, Aethina tumida, in the field&quot;</td>
<td>Apidologie</td>
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<td>Neumann, P and Hoffmann, D. &quot;Small hive beetle diagnosis and control in naturally infested honeybee colonies using bottom board traps and CheckMite + strips&quot;</td>
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<td>Nicastro, KR, Zardi, GI and McQuaid, CD. &quot;Movement behaviour and mortality in invasive and indigenous mussels: resilience and resistance strategies at different spatial scales&quot;</td>
<td>Marine Ecology-Progress Series</td>
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<td>Porri, F, McQuaid, CD, Lawrie, SM and Antrobus, SJ. &quot;Fine-scale spatial and temporal variation in settlement of the intertidal mussel Perna perna indicates differential hydrodynamic delivery of larvae to the shore&quot;</td>
<td>Journal of Experimental Marine Biology and Ecology</td>
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<td>Marine Biology. 2008. 153,789-796.</td>
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<td>&quot;Trophic ecology of dominant zooplankton and macrofauna in a temperate, oligotrophic South African estuary: a fatty acid approach&quot;</td>
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<td>&quot;Sand and wave induced mortality in invasive (Mytilus galloprovincialis) and indigenous (Perna perna) mussels&quot;</td>
<td>Marine Biology. 2008. 153,853-858.</td>
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**CONFERENCE PROCEEDINGS SUBMITTED FOR POSSIBLE SUBSIDY**

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<td>International advances in the ecology, zoogeography, and systematics of Mayflies and Stoneflies</td>
<td>A molecular analysis of the afrotropical baetidae</td>
<td>Barber-James H, de Moor F (Gattolliat J-L, Monaghan MT, Sartori M, Elouard J-M, Derleth P, Glaizot O, Vogler AP)</td>
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<tr>
<td>International advances in the ecology, zoogeography, and systematics of Mayflies and Stoneflies</td>
<td>A synopsis of the Afrotropical Tricorythidae</td>
<td>Barber-James H</td>
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<td>Proceedings of the XII international symposium on biological control of weeds</td>
<td>Azolla filiculoides Lamarck (Pteridophyta: Azollaceae) control in South Africa: a 10-year review</td>
<td>Hill MP (McConnachie AJ, Byrne MJ)</td>
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<td>Proceedings of the XIIth international symposium on Trichoptera</td>
<td>Regional biogeographical differences in Trichoptera diversity in south africa“ observation patterns and processes</td>
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**BOOKS SUBMITTED FOR POSSIBLE SUBSIDY**

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<tr>
<td>Guides to the Freshwater Invertebrates of Southern Africa</td>
<td>Myxophaga</td>
<td>Villet MH, (Endrody-Younga S)</td>
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<td>Guides to the Freshwater Invertebrates of Southern Africa</td>
<td>Ptilodactylidae</td>
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<td>The Prince Edward Islands in a global context</td>
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