



## CURRICULUM VITAE

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Director: Centre for Research on Evaluation, Science and Technology  
and the DST-NRF Centre of Excellence in Scientometrics and STI Policy

### CURRENT RESEARCH INTERESTS

The sociology and methodology of science / scientometrics and bibliometrics/ science policy and science studies / post-graduate studies and supervision/ knowledge production and utilization / monitoring and evaluation studies

#### Summary profile

- 14 Monographs authored or co-authored
- 10 Books edited or co-edited
- 64 Chapters in Books
- 50 Peer-reviewed journal articles
- 6 Book reviews
- 130+ Research and technical reports
- 15 Evaluation study reports
- 280+ National and international presentations

#### Capacity-building and supervision

- 100+ Doctoral and Masters students supervised or co-supervised (30 Phd's and 72 Masters)
- 70+ Research methodology and Post-graduate Supervision workshops presented

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## ACADEMIC TRAINING AND PROFESSIONAL EXPERIENCE

- 1975: B A in Arts (Potchefstroom University for Christian Higher Education) with majors in Philosophy and Semitic Languages (both with distinction)
- 1976: B A Honours in Philosophy (cum laude)
- 1977: M A in Philosophy (cum laude) Rand Afrikaans University
- 1984: D Lit. et Phil in Philosophy at RAU

## PROFESSIONAL EXPERIENCE

- 1976: Locum tenens in the Department of Philosophy, PU for CHE.
- 1976-1977: Researcher in the Institute for Reformational Studies, PU for CHE.
- 1978-1982: Lecturer in the Department of Philosophy, Rand Afrikaans University.
- 1983: Appointed as Head of the Division for Research Methodology at the Human Science Research Council.
- 1990, Jan 1: Appointed as Executive Director of the Group: Methodology and Technology, HSRC.
- 1990, July 1: Appointed as General Manager, Group: Information Dynamics, HSRC.
- 1993: April 1: Executive Director, Centre for Science Development, HSRC.
- 1994, Nov. 1: Appointed as Professor of Sociology and Director of the Centre for Research on Science and Technology (formerly Centre for Interdisciplinary Studies), University of Stellenbosch.
- 2010: Appointed as the Director of the African Doctoral Academy in the Faculty of Arts and Social Sciences, Stellenbosch University.
- 2010: Head of Academic Department for Evaluation, Science and Technology Studies
- 2014: Director of the DST-NRF Centre of Excellence in Scientometrics and Science, Technology and Innovation Policy

## RESEARCH AND EVALUATION EXPERTISE

I have since 1990 undertaken research and evaluation consultancies of various kinds. Since 2000 this work has been mainly in the field of monitoring and evaluation consultancy and done under the auspices of the Evaluation Research Agency (ERA [www.eranet.co.za](http://www.eranet.co.za)).

### National Consultancy Commissions

Besides various ad hoc-consultancies for The Calico Project (WCTIT), The Independent Development Trust (evaluating the Thousand Schools Project in 1994), ESCOM (Advice on Demand Side Management Project), South African Management Development Institute, ERA has tended more recently consolidated its evaluation studies with a number of larger clients listed below:

### Evaluation studies

Client	Nature and Status
European Union (2000)	Evaluation of training to all nine provincial departments of education in M&E [Completed 2000]
JET Education Trust	Evaluation of six service learning initiatives at SA universities (funded by the Ford Foundation). [2001- 2004]
HICTE Project	Evaluation of a regional project at 4 universities in the Western Cape on ICT in Higher Education [2002 – 2004]
Scientific and Industrial Leadership Initiative	Evaluation of a Mathematics and Science project in disadvantaged schools in the Western Cape [2003 – 2005]
SIDA	Evaluation of SIDA/SAREC's support to Addis Abeba University [2006]
Carnegie Corporation of New York	Summative evaluation of a Higher Education Partnership Project at 8 South African universities [2003 -2004]
Higher Education Partnership in Africa	Summative evaluation of ICT grants made to 5 African universities [2009]
Carnegie Corporation of New York	Mid-term and end-of-term reviews of a Transformation Grant to three South African Universities [ 2005 – 2009]
Zenex Foundation	Mid-term and end-of-term reviews to be conducted of a school development program in 48 schools in four provinces in South Africa [2010- 2012] AND [2015 - ]

Southern Aids Trust	Technical advice in designing a M&E Framework and appropriate indicators systems (2015 - )
ASSAf	Development of a M&E Framework (2015)
PSION	Technical support on various M&E matters (2015 - )

### National Training Courses

Client	Status
SA National Department of Education (2000)	2000 and ongoing
Western Cape Education Department	2001
Kwa-Zulu Natal Department of Education	2001
The Business Trust	2003
Gauteng Department of Education	2006, 2007, 2008
Eastern Cape Department of Education	2009
Gauteng Provincial Government	Seven sessions (total of 21 days) in M&E for 28 M&E officers in 16 departments [2009]
Atlantic Philanthropy	2009
ABSA Bank (Corporate Social Investment Division – Eastern Cape)	2009

### International evaluations and training (2005 - 2010)

Client	Status
SIDA: Evaluation of Support to Ethiopia	2006
Carnegie Corporation of New York support to:	2005-2010
<ul style="list-style-type: none"> <li>• Universities of Obafemi Awolowo, Jos and Ahmadu Bello, Nigeria</li> <li>• University of Dar es Salaam, Tanzania</li> <li>• Makerere University, Uganda</li> <li>• University of Education, Winneba, Ghana</li> </ul>	
Leadership and Management in Higher Education (Carnegie Corporation of New York)	2009-2010 (and ongoing)
<ul style="list-style-type: none"> <li>• National Council for Higher Education (Uganda)</li> </ul>	

- Tanzanian Commission for Universities (Tanzania)
- African Association of Universities (Ghana)

### Technical support in M&E

Client	Status and nature of support
USAID	Development of an accredited training programme in M&E (2006)
The Business Trust	Providing technical expertise in the development of evaluation tenders, screening service providers and providing quality assurance of evaluation reports of various recipients of the Business Trust including ECI Africa, Tourism Enterprise Partnership and Shisaka (2006 and ongoing)
Shisaka Development Consultants	Providing technical expertise on various aspects of the implementation and evaluation of the Expanded Public Works Project (2006 and ongoing)
Atlantic Philanthropy	Providing technical support to the Foundation as well as developing a M&E Framework and Strategy for the Public Health Programme of the Foundation (2009 and ongoing)
Zenex Foundation	Assessment of the first phase evaluation of the School Development Programme conducted by JET (2009)
The National Planning Commission, Namibia	Report on the state of M&E readiness in Namibia (2012)

In addition to the specific projects listed above, I have assisted multiple organisations and individuals with evaluation design and indicator development. These consultancies consisted of developing an appropriate evaluation design and plan for specific projects, identifying the appropriate evaluation methodologies, project indicators to be measured as well as the data collection and analysis strategies that are needed for such indicators.

And finally, I should also point out that I have taught the following courses in evaluation studies since 1996:

- Evaluation theory

- Evaluation design
  - Indicators
  - Impact evaluation
  - Managing a M&E portfolio
-

## **MEMBERSHIP OF SOCIETIES**

- American Philosophical Association (Eastern Division) (1980 – 1985)
- Philosophy of Science Association (1980 – 1985)
- Philosophical Society of Southern Africa (1978 - )
- Association for Sociology in Southern Africa (1985 - )
- South African Marketing Research Association (1989 – 1992)
- European Association for the Study of Science and Technology (1995 - )
- Society for the Social Study of Science (4S) (1998 - )
- Suid-Afrikaanse Akademie vir Wetenskap en Kuns (1999 - )
- Academy of Science of South Africa (2000 - )
- South African Research and Innovation Management Association (2002 - )

## **AWARDS**

- 1973: T E Dönges-bursary for university studies
- 1987: HSRC Merit award for the organisation of the schools in methodology
- 1988: HSRC Merit award for organising the conference on Paradigms and progress in Theology
- 1989: P M Robbertse medal for outstanding achievement in research methodology
- 2000: Stals Prize for Inter- and Multidisciplinary Research. SA Akademie vir Wetenskap en Kuns.
- 2007: Stals Prize for Philosophy of Science and Research Methodology

## **VISITING LECTURER/PROFESSOR**

- 1991-1993: School for Business Leadership, University of South Africa
- 1992 - 1993: Department of Industrial Psychology, University of Cape Town
- 1993: Department of Sociology and Social Anthropology, University of Stellenbosch
- 1996 - 1997: Department of Education, UWC and Department of Psychology, UWC
- 1996 - 2001: University of Stellenbosch Business School.
- 2006 - University of Pretoria (Extraordinary Professor at the Gordon Institute of Business Science)



## **OTHER PROFESSIONAL ACTIVITIES**

- Between 1983 and 1992 co-ordinated the HSRC Investigation into Research Methodology. In this capacity I co-ordinated the funding of more than 50 national research projects in the methodology of the social sciences. I was also Editor of the HSRC Series in Methodology in which 40 titles were published between 1984 and 1998. I was chairman of the Research Ethics Committee of the HSRC. In this capacity I was responsible for the drafting of the HSRC Research Code.
- Member of the Board of the Council for Scientific Publications, 1991-1992.
- Member of CSD's Advisory Panel for Theology, Philosophy and Classical Languages, 1992.
- Member of the Programme Committee of the South African Netherlands Research Programme on Alternatives for Development (1996 - 1998).
- Chairman of the Board of the South African Data Archive (1996 - 2000).
- Member of the Research Committee for the Human Sciences, US. (1995- 2001).
- Member of the University Research Committee, US (1997 2001-).
- Member of the Faculty of Arts Research Committee, US (2000)
- Chair of the Faculty of Arts Research Committee, US (2001)
- Member of the Senate Committee for Academic Development, US. 1995 - 1996
- Member of the Steering Committee of the INFOLIT project of CALICO, ( 1996 - 1998)
- International Member of the Advisory Council of the Institute for Cultural Studies, University of Essen, Germany (1999 - ).
- Member of the Scientific Advisory Council of the Stellenbosch Institute for Advanced Studies (STIAS) (2001 - 2004)
- Member of the NRF Evaluation Panel for Indigenous Knowledge Systems (2001 - 2002)
- Member of the NRF Taskgroup on a new evaluation system for the Social Sciences (2001)
- Vice-President (Research Management and Administration) of SARIMA (South African Research and Innovation Management Association) (2002 - 2004)
- Member of DACST's Reference Group for the national R&D Survey (2002 - )
- Member of DACST's Working Group of an OECD seminar on R&D measurement
- Member of SANPAD's working group on Research Capacity Building (2002)
- Referee for the NRF's Presidential Awards for young scientists (2002)
- Referee for the ESRC (UK) for applications to its Research Methods programme
- Member of the NRF Assessment Panel for the Social Science (2002)
- Member of an EU Panel (6<sup>th</sup> Framework) to review proposals on the Knowledge society
- Member of NRF Panel on Data mining (2004 – 2005)

- Member of ASSAf's Steering Committee on the state of scientific journals in South Africa (2004 – 2006)
- Co-organizer (with Prof Jöchen Gläser) of a Session on Sociology of Science at the Conference of the *International Sociological Association* in June 2006 in Durban.
- Member of ASSAf panel on "The state of the PhD in South Africa" (2008 – 2009)
- Appointed as Research Fellow at the National Research Foundation to develop a conceptual framework for the Assessment of Research Performance for the National System of Innovation
- Appointed as a member of the ASSAf Panel to review "The state of Science, Technology and Innovation in South Africa" (2012)
- Elected to the Council of the Academy of Science of South Africa (2012 - ) and re-elected in 2018
- Elected to the Elsevier's funded Advisory Board for the International Centre for the Study of Research (2019 - )

## **JOURNAL WORK**

I am currently member of the editorial boards of the following foreign (non-SA) journals:

- *Minerva*
- *Science and Public Policy*
- *Science, Technology and Society*
- *Scientometrics*

I am currently a member of the editorial board of the following South African journal:

- *South African Journal of Science*

I have in the recent past reviewed articles for the following journals:

- *International Journal of Research Methodology*
- *Science and Public Policy*
- *Minerva*
- *Scientometrics*
- *South African Journal of Science*
- *Acta Academica*
- *Perspectives in Education*
- *Society in Transition*
- *Acta Academica*
- *South African Journal of Psychology*

- *South African Journal of Philosophy*
- *South African Journal of Business Management*
- *Journal of Mixed Methods Research*

## PUBLICATIONS AND PRESENTATIONS

### Mongraphs

- 2018: The next generation of scientists in Africa. (Co-editor with Beaudry, C., Solar-Pelletier, L. & Prozesky, H.) African Minds, Somerset West, South Africa. ISBN: 978-1-928331-93-3. <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2015: *Doctoral Education in South Africa: Policy, Discourse and Data*. (Co-editor with Cloete, N. and Sheppard, C.) African Minds, Somerset West, South Africa ISBN-13: 978-1-928331-00-1. <http://www.africanminds.co.za/dd-product/doctoral-education-in-south-africa/>
- 2013: *How to succeed in your Masters and doctoral studies*. Pretoria: JL van Schaik. Eighteenth Impression.
- 2011: (with Babbie, E) *The practice of social research*. OUP. Eleventh reprint.
- 2004: *How to succeed in your Masters and doctoral studies*. Pretoria: JL van Schaik. Sixth and Seventh Impressions.
- 2004: (with Babbie, E) *The practice of social research*. OUP. Fourth reprint.
- 2003: *How to succeed in your Masters and doctoral studies*. Pretoria: JL van Schaik. Fourth and Fifth Impressions.
- 2003: (with Babbie, E) *The practice of social research*. OUP. Third reprint.
- 2002: *How to succeed in your Masters and doctoral studies*. Pretoria: JL van Schaik Publishers. (Second reprint)
- 2001: *How to succeed in your Masters and doctoral studies*. Pretoria: JL van Schaik Publishers. (First and second reprints)  
ISBN 13: 978-06270-2484-9. <http://www.vanschaiknet.com/book/view/134>
- 2001: *The practice of social research* (with Babbie, E). Cape Town: Oxford University Press. ISBN-13: 978-01957-1854-6. <https://www.oxford.co.za/book/9780195718546-practice-of-social-research#.V2e9RKKkj5k>
- 1996: *Understanding social research*. Pretoria: JL van Schaik Publishers. (Reprinted 1998)  
ISBN 13: 978-06270-2163-3. <http://www.vanschaiknet.com/book/view/324>
- 1988: *Basic concepts in the methodology of the social sciences*. (Senior author) Pretoria: HSRC. (Reprinted 1988, 1990, 1991, 1992)  
ISBN 10: 0-7969-0648-3/ ISBN 13: 978-07969-0648-9.  
<http://www.hsrcpress.ac.za/product.php?productid=1929>

- 1985: *Basiese begrippe in die metodologie van die geesteswetenskappe*. (Senior author)  
 Reprinted in 1988, 1989, 1990, 1992. Pretoria: HSRC  
 ISBN 10: 0-7969-0185-6/ ISBN 13: 978-07969-0185-9.  
<http://www.hsrcpress.ac.za/product.php?productid=1933>

## Anthologies edited

- 2015: *Leadership & management: case studies in training in higher education in Africa*. (Co-editor with Wildschut, L.) Cape Town: African Minds.
- 1998: *Theory and method in South African human sciences research: Advances and innovations*. (Co-editor with Muller, J; Franks, P and Sono, T) Pretoria: HSRC.
- 1997: *Knowledge, method and the public good* (with Muller, J). Pretoria: HSRC.
- 1994: *The relevance of theology for the 1990s* (Co-editor) Pretoria: HSRC.
- 1990: *Knowledge and method in the human sciences* (Co-editor) Pretoria: HSRC.
- 1988: *The methodology and philosophy of the social sciences: A selective bibliography of anthologies 1950-1985*. Pretoria: HSRC.
- 1988: *Paradigms and progress in theology*. (Co-editor) Pretoria: HSRC.
- 1987: *Philosophy in South Africa*. Pretoria: HSRC (Co-editor with CS de Beer)
- 1986: *Social sciences, society and power*. (Editor) Pretoria: HSRC.
- 1988: *Essays in social theorizing*. [Co-author] Pretoria: HSRC.

## Articles in peer reviewed journals

- 2019: A gender perspective on career challenges experienced by African scientists (with Prozesky, H.). *South African Journal of Science*, 115(3/4)
- 2017: The extent of South African authored articles in predatory journals (with Valentine, A.). *South African Journal of Science*, 113(7/8)
- 2016: The early history of research funding in South Africa: from the Research Grants Board to the FRD (with Luruli, N). *South African Journal of Science*, 112(5/6):1-6
- 2015: A survey of doctoral supervisors in South Africa (with Boshoff, N. & James, M.). *South African Journal of Higher Education*, 29(2):1-22.
- 2013: A typology of designs for social research in the built environment (with J.L. du Toit). *International Journal of Social Research Methodology*, Volume 16(2), p. 125-139
- 2011: Doctoral production in South Africa: Statistics, challenges and responses. *Perspectives in Education*, Vol. 29 special issue nr.3, p. 13-29

- 2011: The state of the humanities and social sciences in South Africa: Crisis or cause for concern? *The SA Journal of Science* 107(11/12), p. 1-4
- 2009/2010: Visibility, accessibility and scholarly communication in Southern African universities (with Abrahams, L. and Burke, M.). *The African Journal of Information and Communication*, Issue 10.
- 2009: Assessing the impact of complex social interventions. *The Journal of Public Administration*. Vol. 44.
- 2008: Africa's science decline: The challenge of building scientific institutions. *Harvard International Review*, Vol. 30(3) Fall 2008.
- 2008: Co-authorship networks and collaboration patterns in South African chemistry and mathematics. *SA Journal of Science*. (with Durbach, I.N. and Naidoo, D.)
- 2008: The development of contemporary chiropractic education in Denmark: An exploratory study. *Journal of Manipulative and Physiological Therapeutic*, October 2008, p. 83 – 592.
- 2008: A bibliometric profile of Law Journals in South Africa (with Boshoff, N.). *De Jure*, Vol. 41(3), p. 596-615.
- 2007: Developmental Issues in Chiropractic: A South African Practitioner and Patient Perspective (with Myburgh, C.) *Journal of Manipulative and Physiological Therapeutics*, Volume 30, Issue 3, March 2007, Pages 206-214
- 2007: Post-graduate studies in South Africa: Myths, misconceptions and challenges. *South African Journal of Higher Education*, Vol. 21(8): 1054-1066
- 2006: How relevant are local scholarly journals in global science? A case study of South Africa. (With Tijssen, R.J.W.; Van Leeuwen, T. and Boshoff, N.) *Research Evaluation*, Vol. 15 (3), 163-175.
- 2005: Service learning in South Africa: Lessons learnt through systematic evaluation. (With Wildschut, LP) *Acta Academica Supplementum 2005(3): 121-155*.
- 2005: Integrating ICTs into the teaching and learning environment: An investigation of lecturer perceptions of possible barriers and incentives (with Van der Merwe, AD). *Perspectives in Education*, Vol. 23(4): 19-38
- 2005: Afrikaans as wetenskapaal in Suid-Afrika. *Tydskrif vir Geesteswetenskappe*, Vol. 45(3): 370-385.
- 2005: Indigenous Knowledge and its relevance for agriculture: a case study in Uganda (with Hart, TGB). *Indilinga – African Journal of Indigenous Knowledge systems*, Vol. 4(1): 249-263.

- 2005: Chronic Fatigue Syndrome, the body and the self: a qualitative analysis (with Lombaard, A). *South African Journal of Psychology*, Vol. 35(2): 286-307.
- 2003: South African science in transition. *Science, technology and society*, Vol. 8(2): 235-260.
- 2003: Chronic fatigue syndrome, the experience of time and the self: a qualitative analysis (with Carstens, A.) *Acta Academica*, Vol. 35(1): 95-123.
- 2001: Between adversaries and allies: The call for strategic science in post-apartheid South Africa. *Society in Transition*, Vol. 32(2): 155-172
- 2001: A methodological manifesto. *Education as change* Vol. 5(1): 3 – 16.
- 2000: Patterns of research collaboration in academic science in South Africa. *SA Journal of Science* Vol.96 (Nrs. 9 &10): 458-462.
- 1995: Second language teaching for primary school students: An evaluation of a method. *Evaluation and Programme Planning*, Vol. 18(4):391-408.
- 1994: Ideology and truth: Some methodological issues. *South African Journal of Philosophy*, 13(2).
- 1994: Causality and determinism in the social sciences: A critique of empiricism. *South African Journal of Sociology*, Vol. 25(3):79-87.
- 1990: Wanneer is sosiaalwetenskaplike oortuigings ideologies? *Aambeeld*, 18(1):31-35.
- 1989: What would an adequate philosophy of social work research look like? *Social Work Practitioner - Researcher*, Vol 2(3):15-22
- 1987: The masculine birth of time: Interpreting Francis Bacon's discourse on scientific progress. *South African Journal of Philosophy*, 6(2):43-50.
- 1987: Die kritiek van waardes/Die waarde van kritiek. *Suid-Afrikaanse Tydskrif vir Etnologie*, 10(4):175-181.1988:: Five myths regarding the social sciences and why they are myths. *Navorsingsbulletin*, 18(1):37-39.
- 1986: Recent developments in the philosophy of science and its relevance for the social sciences. *Communicatio*, 12(2):9-21.
- 1985: Contemporary philosophies of science and the qualitative paradigm in the social sciences. *South African Journal of Sociology*, 16(3):81-89.
- 1984: The relationship between the philosophy of science and methodology of the human sciences. *The South African Journal of Philosophy*, 3(3):100-106.
- 1983: Reformation and restoration in Francis Bacon's early philosophy. *The Modern Schoolman*, 40(2):101-112.

- 1983: Power and therapy in Francis Bacon's natural philosophy. Abstracts of the 7th International Congress on Logic, Methodology and Philosophy of Science, Volume 6:140-144.
- 1983: Kwalitatiewe en kwantitatiewe metodologieë in die sosiale wetenskappe. *Suid-Afrikaanse Tydskrif vir Sosiologie*, 14(4):124-131.
- 1983: On the meaning of 'philosophy of science', 'research methodology' and 'research technology'. *Research Bulletin*, 14(5): 38-42.
- 1983: Metodologiese vraagstukke in die geesteswetenskappe. *Koers*, 48(3): 152-166.
- 1983: Metodologiese aspekte van navorsingsevaluering. *Navorsingsbulletin*, 14(5):38-42.
- 1980: Aborsie as 'n morele probleem. *Aambeeld*, 8(2): 17-20.
- 1980: Pythagoriese invloed op die kurrikulum in Politeia VII. Die verrigtinge van die sewende kongres van die Wysgerige Vereniging van Suider-Afrika, Deel 2:30-42.
- 1980: Naturalism and anti-naturalism in contemporary philosophy of science. *Koers*, 45(4):270-279.
- 1979: Francis Bacon: 'n Herwaardering. *Koers*, 44(4):260-275.
- 1979: Wetenskaplikes: Miere, spinnekoppe of bye? *Bulletin vir dosente (RAU)*, 11(3):14-38.
- 1977: Paradigma: Ideologie of nie? *Perspektief*, 16(1):38-53.
- 1975: Evolusionêre eksplikasie en selektiewe perpetuasie as hermeneutiese model vir die historiese ontwikkeling van die wysbegeerte. *Perspektief*, 14(4):38-69.

## Chapters in anthologies

- 2018: Exploring the cultural authority of science in South Africa through public attitudes to science (with Parker, S.). In: Bauer, M.W., Pansegrau, P. & Shukla, R. (eds) *The cultural authority of science – Comparing across Europe, Asia, Africa and the Americas*. London, New York: Routledge. pp319-339. ISBN: 978-1-315163-28-4, 420pp, <https://doi.org/10.4324/9781315163284>
- 2017: African Science: A diagnosis. In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp3-12, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2017: African science: A bibliometric analysis (with Blanckenberg, JP.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp13-25, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>



- 2017: The young scientist: A profile support (with Beaudry C., Prozesky, HE.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp45-70, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2017: Lack of funding (with Beaudry C., Prozesky, HE.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp71-88, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2017: Lack of mentoring and support (with Beaudry C., Prozesky, HE.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp89-102, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2017: Mobility and the careers of young scientists (with Beaudry C., Prozesky, HE.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp103-121, ISBN 978-1-928331-93-3, 204pp
- 2017: Research publications (with Prozesky, HE.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp125-146, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2017: Collaboration (with Prozesky, HE., Lutomiah, AO.). In: Beaudry, C., Mouton, J., Prozesky, HE. (eds) *The Next Generation of Scientists in Africa*. Somerset West: African Minds. pp147-173, ISBN 978-1-928331-93-3, 204pp, <http://www.africanminds.co.za/dd-product/the-next-generation-of-scientists/>
- 2016: The doctorate in South Africa: trends, challenges and constraints. In: Fourie-Malberbe, M., Albertyn, RM., Aitchison, C., Bitzer, EM. (eds) *Postgraduate Supervision: Future foci for the knowledge society*, SUN MeDIA, Stellenbosch, South Africa, pp51-82. ISBN 978-1-928357-21-6, 437pp, <http://www.africansunmedia.co.za/Sun-e-Shop/Product-Details/tabid/78/ProductID/467/Default.aspx>
- 2015: Functions of science granting councils in sub-Saharan Africa (with Gaillard, J. & Van Lill, M.). In Cloete, N., Maassen, P. & Bailey, T. (eds.). *Knowledge production and contradictory functions in African higher education*. Somerset West: African Minds. pp148–170. ISBN 978-1-920677-85-5, 312 pp, <http://www.africanminds.co.za/dd-product/knowledge-production-and-contradictory-functions-in-african-higher-education/>

- 2015: A review of the scholarship on HELM training in Africa. (with Bakuwa, J.). In: Mouton, J., Wildschut, LP. (eds) *Leadership and Management: Case Studies in Training in Higher Education in Africa*. Somerset West: African Minds. 3-16. ISBN 978-1-920677-pp89-3, 142 pp, <http://www.africanminds.co.za/dd-product/leadership-and-management-case-studies-in-training-in-higher-education-in-africa/>
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## Presentations

### South Africa

- 2019g: The quality of SA publications. DHET, 5 July 2019
- 2019f: On scholars. Seminar on scholarship and networking, CREST, 21 May 2019
- 2019e: The state of the South African research enterprise (J. Mouton & CREST team). NRF Directors' Forum, 16 May 2019. Pretoria.
- 2019c: Quality and ethics in scholarly publishing in South Africa. ASSAf seminar, 29 April 2019, Future Africa, Pretoria.
- 2019b: Research design and methodology: An introduction. CREST Research Training, Stellenbosch, 15 February 2019
- 2019a: Trends in scholarly publishing in SA. Acta Theologica meeting, 6 February 2019
- 2018t: Research metrics: An introduction. Globelics Academy, IERI. 4 December 2018 Pretoria.
- 2018s: UCDG workshop on Indicators. 19 November 2018, Pretoria.
- 2018r: Complex intervention and the challenges for evaluation design. Zenex Seminar, 24 October 2018
- 2018q: Building a cadre of emerging scholars for HE in SA. DST meeting, 22 October 2018
- 2018p: Research Management: Metrics and rankings. NWU, 11 October 2018
- 2018o: Predatory publishing: Nature, extent and reflections. NWU Research Indaba, 11 October 2018
- 2018n: Predatory publishing: Nature, extent and reflections. TUT Research and Innovation Indaba, 8 October 2018
- 2018m: Predatory publishing in SA: Beall and beyond. UJ Seminar, 9 October 2018
- 2018l: A scientometric assessment of the field of Chemistry in South Africa. 5 October 2018 (J. Mouton & Team)
- 2018k: The Quality of South Africa's Research Publications. 4 October 2018 (J. Mouton & team)
- 2018j: Some notes on excellence in research. SGCI/IDRC workshop "Perspectives on Research Excellence in the Global South", Johannesburg, 13 July 2018.
- 2018i: Doctoral Education in SA: and overview of context. Enhancing Postgraduate Environment Colloquium, Dutch Embassy, Pretoria, 12 July 2018.
- 2018h: A critique of current applications of research metrics. UCT Symposium "Beyond the Metrics: Measuring the Impact of Research", 26 June 2018

- 2018g: Building a cadre of emerging scholars for HE in South Africa. 6th Research & Innovation Dialogue of USAf, Pretoria, May 2018
- 2018f: Predatory and other forms of unethical publishing in South Africa. SABINET Meeting, 30 May 2018
- 2018e: Scale and Nature of Unethical Practices in Scholarly Publishing. NRF workshop on Ethics in Publishing, 11 April 2018
- 2018d: Building a cadre of emerging scholars for HE in South Africa. USAF meeting, Pretoria, 8 March 2018
- 2018c: Scholarly publishing and research performance metrics. NRF Workshop, 7 March 2018
- 2018b: Scientometrics, STI data and indicators for policy making. SADC Workshop, 7 February 2018 (with Blanckenberg, J. & Basson, I.)
- 2018a: Session on the doctorate. IERI, 23 January 2018
- 2017m: Developing quality indicators for non-WoS journals. 9 November 2017 (with Redelinghuys, H. & Spies, J.) CREST-CWTS Workshop, Stellenbosch
- 2017l: Defining 'emerging' scientists/scholars. 8 November 2017 (with Prozesky, H. & Boshoff, N.) CREST-CWTS Workshop, Stellenbosch
- 2017k: Incentives and rewards: Their impact on scholarly publishing in SA. Tygerberg seminar, 31 October 2017, Tygerberg
- 2017j: Scholarly publishing in SA: Issues of ethics and Quality. Juta Law address, 26 October 2017, Cape Town
- 2017i: Scholarly publication in SA: the qualitative imperative, Scholarly publishing: Challenges and future perspectives. CREST Seminar on Scholarly Publishing, 28 September 2017, Stellenbosch
- 2017h: Predatory publishing: Beall and beyond, Invited by SU's Division for Research Development, 17 August 2017, Stellenbosch
- 2017g: Predatory publishing by South African academics. Invited by SU's Division of Molecular Biology and Human Genetics, 26 June 2017, Stellenbosch
- 2017f: A study of scientific journal and book publishing in SA: 2005-2014. ASSAf Council Meeting, 12 May 2017
- 2017e: Knowledge uptake – The new imperative. 9 May 2017. Stellenbosch.
- 2017d: Questionable publication practices in South Africa. Invited by SU's Research Committee, 18 April 2017, Stellenbosch
- 2017c: Rankings versus performance indicators, Invited by SU's Institutional Forum, 22 February 2017, Stellenbosch

- 2017b: Trends in book publishing in South Africa, Invited by Publishers Association of South Africa (PASA), Cape Town, 21 February 2017, Cape Town
- 2017a: A study of scientific journal and book publishing in SA: 2005-2014. 9 February 2017, ASSAf, Pretoria
- 2016i: Predatory publishing and other questionable publication practices in SA. International Conference on Scientometrics, STI Policy and Science Communication, 3 November 2016, Stellenbosch
- 2016h: The changing face of South African science. International Conference on Scientometrics, STI Policy and Science Communication, 1 November 2016, Stellenbosch
- 2016g: An analysis of SA journals. ASSAf National Editors' Forum, 1 September 2016
- 2016f: Measuring the quality of research. Stellenbosch Psychology Department Colloquium, 22 August 2016, Stellenbosch
- 2016e: Measuring research performance: R&D indicators. Differentiation Dialogue: Indicators for Development, 22 August 2016, Cape Town
- 2016d: An analysis of doctoral education in South Africa and resultant scenarios and shifts. UCT Research Indaba, 23 May 2016, Cape Town
- 2016c: The good, the bad and perverse of research metrics. Workshop on Academic Science in South Africa, 7 April 2016, Stellenbosch
- 2016b: The doctorate in SA: trends, challenges and constraints. South African PhD Regional Conference, 25 February 2016, Bloemfontein
- 2016a: A discussion on the Humanities and Social Sciences in South Africa. ASSAf Strategic Planning, 4 February 2016
- 2015g: The post-graduate pipeline. Department of Science and Technology Management. 5 May and 13 September 2015 (to Minister), Pretoria
- 2015f: Is the post-graduate pipeline producing enough doctoral students? Recent findings and implications. Association of Commonwealth Universities–Southern African Research and Innovation Management Association Conference. 12 May 2015, Johannesburg
- 2015e: The doctorate in SA: trends, challenges and constraints. Centre for Higher and Adult Education Conference. 27 March 2015, Stellenbosch.
- 2015d: Knowledge production at SA universities: trends and challenges. Higher Education South Africa Higher Education Leadership and Management Workshop. 24 April 2015, Johannesburg

- 2015c: Institutional rankings: facts, issues and value. Stellenbosch University Management team on 30 July and Stellenbosch University Council on 28 September 2015
- 2015b: Assessing quality of research. Department of Higher Education and Training Workshop. 13 September 2015, Pretoria
- 2015a: A research and innovation performance appraisal framework. 29 September 2015, National Research Foundation, Pretoria.
- 2014n: Mapping Social Sciences Research in South Africa. Critical perspectives on the ASSAf Humanities consensus report, 9 December 2014
- 2014m: The bibliometric challenge of measuring research performance (and quality). HERANA Seminar, 19 November 2014
- 2014l: Excelleration- A roadmap for a centre of excellence. Scientific Launch Conference, 6 November 2014
- 2014k: Research performance measurement/ metrics, RDF Workshop, 5 November 2014
- 2014j: Measuring differentiation in knowledge production at SA universities. Differentiation Seminar, 3 October 2014
- 2014i: Research Performance Assessment and Management, SARIMA Workshop, 9-10 September 2014
- 2014h: Introduction to Bibliometrics. SARIMA Workshop, 27 August 2014
- 2014g: The bibliometric challenge of measuring research performance (and quality). SU Research Indaba, 22 August 2014
- 2014f: Science Granting Councils in Sub-Saharan Africa, Supported by the IDRC. NRF 20 June 2014
- 2014e: Research and Innovation Assessment: A Framework. NRF 19 June 2014
- 2014d: UNISA course on Doctoral Supervision. 17-18 June 2014
- 2014c: Science and Innovation in Africa- Some preliminary observations. STIAS 6 June 2014
- 2014b: South African doctoral education: Models of supervision and supervisory styles, CHET, Clocktower, 16 May 2014
- 2014a: Doctoral education and supervisory styles, CHET, Clocktower, 16 May 2014
- 2013h: UP Faculty of Theology, 22 October 2013
- 2013g: NWU Vaal Course on Supervision. 2-4 December 2013
- 2013f: In pursuit of excellence in research. CUT Research Indaba, 21 October 2013
- 2013e: Measuring the research performance of SA universities. SATN Conference, 3 October
- 2013d: Course on "Doctoral Supervision" (with Prof A. Pelt) at the African Doctoral Academy
- 2013c: UNISA Research Performance Study. UNISA, 5 August 2013
- 2013b: Seminar: Introduction to Bibliometrics. SARIMA, 9 July 2013

- 2013a: UCT Research Performance Assessment. UCT, 8 May 2013
- 2012r: Factors that enable knowledge production at SA universities, UNISA College of Human Sciences, 30 October 2012
- 2012q: Measuring differentiation in knowledge production at SA universities, UCT Research Indaba, 11 October 2012
- 2012p: Measuring differentiation in knowledge production at SA universities, NRF Indaba, 20 September 2012
- 2012o: Research Performance Assessment: Towards a Framework, RDF Workshop, 4 September 2012
- 2012n: What are the critical success factors for competitive knowledge production?, NWU Mafikeng , 20 August 2012
- 2012m: Measuring differentiation in knowledge production at SA universities, DHET Meeting, 8 August 2012
- 2012l: South African doctoral graduate production: Statistics, challenges and supervisory management, CHEC, 10 July 2012
- 2012k: Interdisciplinarity and transdisciplinarity and modes of knowledge production, GIBS TABR Seminar, 8 June 2012
- 2012j: Crossing disciplinary boundaries: Interdisciplinarity and transdisciplinarity, UJ Research Seminar, 5 June 2012
- 2012i: Conceptual tools for post-graduate supervisors , UP, 30 – 31 May 2012
- 2012h: The South African Knowledgebase - Are we ready for the knowledge economy?, CPUT , 28 May 2012
- 2012g: DUT Workshop on doctoral supervision, DUT, 21– 23 May 2012
- 2012f: African Science: Context and Challenges, DRUSSA Launch , 18 June 2012
- 2012e: Measuring differentiation in knowledge production at SA universities, HESA Conference on Research and Innovation, 4 April 2012
- 2012d: Bibliometric indicators for the evaluation of research performance: SA context and applications, Bibliometrics Seminar , 23 March 2012
- 2012c: The state of doctoral education in Africa , SARUA , 14 March 2012
- 2012b: South African doctoral education: An assessment and report on findings of a survey of doctoral supervision , CHET, Irene Pretoria, 20 Feb 2012
- 2012a: Measuring differentiation in research production in SA HE, Franschoek, 9 Feb 2012
- 2011i: Doctoral production and statistics in the social sciences. SU Faculty of Arts and Social Sciences Strategic Planning. November 2011

- 2011h: Differentiation in university research output: Some comparative observations. CHET Seminar: Franschoek. June 2011.
- 2011g: Policies that shape(d) knowledge production at SA Universities. CHET workshop, CHINTSA, East London, 20 November 2011
- 2011f: The knowledge production landscape in Sa today. UFS Research Seminar, 17 November 2011
- 2011e: Research output at SA universities. Library Academy Seminar Series, Mount Fleur, Stellenbosch, 14 October 2011
- 2011d: The South African Knowledgebase – are we ready for the knowledge economy. CPUT Research and Innovation Indaba, 30 September 2011
- 2011c: Understanding social sciences research – Concepts, principles and good practice. University of Stellenbosch Business school, 12 September 2011
- 2011b: Doctoral production in South Africa: Some facts, challenges and a response. UFS seminar, 20 May 2011
- 2011a: Doctoral production in South Africa – Paris Seminar, 16 March 2011
- 2010q: The state of social sciences research in sub-Saharan Africa. UJ, 18 October 2010
- 2010o: Doctoral production in SA: Key facts and programmatic consequences. UJ Research Advisory Committee, 18 October 2010
- 2010n: Knowledge production at UCT- Issues of size, shape, stratification and international visibility. UCT Research Indaba, 12 October 2010
- 2010m: Understanding the Challenges of Impact Evaluation. Ford Foundation Seminar 28 September 2010
- 2010l: ZENEX Evaluation 2010 – Feedback on Learner Performance Results. 27 September 2010.
- 2010k: Doctoral production in SA: Key facts and programmatic consequences. UNISA supervision Workshop, 20 September 2010.
- 2010j: Expansion of the SA Journal List: Models, issues and recommendations. DHET Workshop at Stias. August 2010.
- 2010i: Measurement of research output. Health Sciences Faculty Research Committee, 29 July 2010
- 2010h: Research performance of SU. Issues of size, shape, stratification and international visibility. SU Research Indaba 23 June 2010
- 2010g: ASSAf Tracer study of University Graduates in the Social Sciences, Humanities & Arts. 30 May 2010

- 2010f: Knowledge production at WITS- Issues of size, shape, stratification and international visibility. WITS Planning Workshop, 30 April 2010
- 2010e: Knowledge production at SA Universities – Issues of size, shape, stratification and strength. Mount Fleur, 16 April 2010
- 2010d: Research Utilisation – Models and some empirical data. INORMS/SARIMA Conference, 14 April 2010
- 2010c: The state of Public Science and the Mapping of the Science System in SADC region. SARUA/SARIMA Workshop, 11 April 2010
- 2010b: Doctoral production in SA: Key facts and programmatic consequences. HESA Conference, 12 March 2010
- 2010a: Knowledge production at SA Universities – Issues of shape, size and stratification. CHET Seminar, Franschoek 13 February 2010
- 2009o: R&D Indicators and the purposes they serve. National Department of Agriculture Workshop, DST, Pretoria.
- 2009n: What we know about the South African PhD and what this means for scaling-up production. ASSAF Seminar, Pretoria.
- 2009m: Reviewing national research systems: A new mapping template. NACI Indicators Workshop, STIAS.
- 2009l: Policies and instruments to revitalize and strengthen research at African universities. UNESCO World Conference on Higher Education, Paris.
- 2009k: Against method-mania: The logics of research. Keynote address at UJ Winter School on Research Methodology, Johannesburg.
- 2009j: Epistemologies of the social sciences. Seminar at UJ Winter School on Research Methodology, Johannesburg.
- 2009i: Some more PhD statistics. Seminar at CHE, Pretoria.
- 2009h: Understanding contemporary philosophy of (social) science. Seminar at Faculty of Education, NWU, Potchefstroom.
- 2009g: NWU Research Profile. Seminar on Research at NWU, Potchefstroom.
- 2009f: Social sciences research in sub-Sahara Africa. World Conference on the Social Sciences, Bergen, Norway.
- 2009e: The state of public science in SADC countries. SARUA Conference on SADC Countries, Johannesburg.
- 2009d: UCT Research Profile. Seminar on Research at UCT, Cape Town.
- 2009c: Die kweekskool deur die oë van die ander. Seminar by Teologiese Kweekskool, Stellenbosch Universiteit.



- 2009b: Evaluating educational interventions. International Conference on Cognitive Education. Cape Town. 11 February.
- 2009a: Doctoral output and the SA knowledgebase. NRF Seminar on the PhD in South Africa.
- 2008g: The state of the humanities and social sciences in South Africa today: Statistical and bibliometric evidence. ASSaF Project on Humanities, DST, Pretoria.
- 2008f: The strengths of South African science. DVC's of Research Seminar, STIAS, Stellenbosch
- 2008e: Understanding social sciences research: Concepts, principles and good practice. USBusiness School. February .
- 2008d: The social sciences in 50 years: Conjectures and refutations. UCT Psychology Department Seminar. 10 July .
- 2008c: The humanities and social sciences in South Africa today. SU Faculty of Arts, Strategic Planning Seminar. 20 June.
- 2008b: R&D Evaluation: Concepts and issues. National Research Foundation. 26 May
- 2008a: The state of research and PG studies in South Africa today: Fact and challenges. Monash University. 26 March
- 2007f: Managing supervision for quality. CHE Seminar. 16 November.
- 2007e: Challenges facing the humanities and social sciences in South Africa today. UP Faculty of Arts Research day. 16 August.
- 2007d: Research output in the Faculty of Humanities at UCT. 3 May.
- 2007c: Post-graduate studies in South Africa: Myths, misconceptions and challenges. Conference on PG supervision. 24 April.
- 2007b: Theology journals in South Africa. Seminar at Stellenbosch University. 14 March.
- 2007a: Human capital and the South African knowledgebase (with Boshoff, N.). NACI. 1 March 2007.
- 2006d: A comprehensive analysis of South African research journals. (With Boshoff, N. and RJW Tijssen) RDF Workshop in Stellenbosch 23 March. SARIMA Annual Conference 11 May
- 2006c: UCT's research profile. Presentation to the UCT Research Committee. 27 March
- 2006b: Introduction to Programme Evaluation. Seminar presentation at Wits Business School. 21 February
- 2006a: Understanding social sciences research: Concepts, principles and good practice . Africa Institute of South Africa Workshop. Pretoria. February
- 2005e: Knowledge production for the South African society. SASA Conference (Turfloop). 27 June

- 2005d: The homogenization of research demand: Research agenda's and priorities in the South African science system CHET workshop. Cape Town. 3 March
- 2005c: Studie na die handelsmerk van die US (Met Boshoff, N.). US Universiteitbestuur. Januarie
- 2005b: Social aspects/shaping of technology: Some preliminary reflections. NACI Seminar on Social Innovation. Pretoria. 25 October
- 2005a: Navorsing/Research @ Stellenbosch. US Navorsingskomitee. 4 April
- 2004f: Quality in research: Conceptual and methodological issues. NRF Workshop. 15 November
- 2004e: Modes of dissemination and effective research utilisation: Findings from a South African survey. EASST Conference in Paris. 28 August
- 2004d: Managing public R&D in a state of transition. Technikon Witwatersrand Research Day. August
- 2004c: Interdissiplinêre Navorsing: Feite, sosiologiese diskoerse en wetenskapbeleid. Fakulteit Lettere en Wysbegeerte, Strategiese Beraad. 23 January
- 2004b: The field of STS. NRF Workshop on Science and Technology Studies. NRF. May
- 2004a: Challenges facing M&E in South Africa today. Nelson Mandela Foundation Roundtable on M&E. 2 November
- 2003g: The utilisation of research: Main findings from the NACI survey. NACI Conference on Knowledge Utilization, Johannesburg. 10 October
- 2003f: Transformative inertia, goal drift and blurred boundaries: HE research within the NSI. Presentation at SARIMA Annual Conference: Johannesburg. March
- 2003e: SANPAD: A review of research themes and priorities. SANPAD Conference: Durban. May
- 2003d: Method, morality and modes of knowledge: Ethical decision-making in an era of increasing complexity. Pan African Anthropological Association. University of Port Elizabeth. June
- 2003c: A Guide to Good Practice in Research Quality Assurance. (with J Galant) RDF Workshop. 25 September
- 2003b: The HE research landscape in South Africa: Some facts and challenges. Education Association of South Africa: Annual Conference. January
- 2003a: The changing phase of research and post-graduate supervision in South Africa. University of Pretoria: Faculty of Arts and Humanities: Research Day. June
- 2002f: South African S&T indicators: A matter of credibility? Presentation at a meeting of NACI, Pretoria. April

- 2002e: South African R&D: Fabricating the future. Presentation at the founding meeting of SARIMA, Hout Bay. February
- 2002d: Reflexive research praxis. Durban Institute of Technology: Research Day. May
- 2002c: Measuring research quality. WITS, Research Forum. April
- 2002b: A framework for university-industry knowledge collaboration. HSRC: Pretoria
- 2002a: Challenges facing South African R&D. University of the Free State, University Research Committee. May. University of Stellenbosch, Campus Research Forum, June
- 2001h: Using large data sets in the social sciences. UCT Spenser workshop January 2001
- 2001g: Trends in R&D in higher education in South Africa. SRHE Conference on Globalisation and its impact on Higher Education, Cape Town. March
- 2001f: Post-apartheid science: South African science in transition. Science in Africa Symposium. Erinvale Estate, Somerset West. October
- 2001e: Issues in research management and research design. Border Technikon. March
- 2001d: Issues in project management. Vaal Triangle Technikon. September
- 2001c: Eastern Cape regional collaboration study: A study on research capacity and research collaboration (with SC Boshoff). CHET funded project. ECHEA Conference at PE Technikon.
- 2001b: Current trends in research management. Workshop at the University of Natal. May
- 2001a: A critique of whole school evaluation. Presentation at the Western Cape Education Department. October
- 2000e: Trends in R&D output in South Africa: A bibliometric analysis. Workshop on Benchmarking R&D in Higher Education in South Africa. Stellenbosch, 1 - 2 December
- 2000d: Myths and misconceptions in/of science. Paper given at Research Day, Natal Technikon. 13 September
- 2000c: A methodological manifesto. Keynote address at the QRE Conference, RAU. 24 July
- 2000b: Issues in medical research ethics. Seminar at the Medical Faculty, US. 17 November
- 2000a: Challenges facing the South African Data Archive within the new NRF. Workshop, May
- 1999: International and national trends in public R&D. Workshop at the NRF, November
- 1998b: Methodological issues in educational evaluation research. World Conference on Comparative Education programme. Comparative Education. UCT
- 1998a: Evaluating the TSP. Methodological Reflections. Paper presented at the United States/South Africa Forum on Systemic Educational Reform, FRD, Pretoria.
- 1996: Shifts in modes of knowledge production: The Gibbons thesis. Seminar on "New modes of knowledge production" organised by CENIS and UCT, The Strand. February

- 1995d: Methodological aspects of project management. Workshop on project management, Tutu Trust, Cape Town, March
- 1995c: The epistemic imperative in social research. Human Sciences Research Association Conference, Pretoria. August
- 1995b: The end of social theory? Instituut vir Teologiese Navorsing, UNISA. September.
- 1995a: Comparative research and data-archiving. RGN-werkwinkel, UWK. Oktober.
- 1994: Die eiesoortige aard van geesteswetenskaplike navorsing. Teologiese Kweekskool, Universiteit Stellenbosch. Junie
- 1993c: On theories and explanation in the social sciences. Seminar, Department of Sociology, University of Stellenbosch. March
- 1993b: On research capacity building. NRCC Conference on 'Race and gender under-representation in social science in South Africa'. Johannesburg. September
- 1993a: A critique of the empiricist interpretation of causality. Seminar, Department of Sociology, University of Stellenbosch. March
- 1992c: Research evaluation and evaluation research. RGN - Augustus.
- 1992b: Oor ideologie en mag in die sosiale wetenskappe. Departement Sielkunde, UP - September.
- 1992a: Introduction to research methodology for social scientists. Advertising Agency, Johannesburg - 27 Maart.
- 1991c: Inligtingbestuur in 'n navorsingsorganisasie. Department Inligtingkunde, Universiteit van Pretoria - 29 Oktober.
- 1991b: Epistemological trends in the social sciences. Seminar ge-organiseer deur die Dept. Verpleegkunde, RAU - 8 Maart.
- 1991a: Epistemological dilemmas in the social sciences. Departement Sielkunde, UNISA - 19 Maart.
- 1990d: When does social research become ideological? Paper at the annual conference of the Philosophical Society of Southern Africa.
- 1990c: Wat is navorsingsmetodologie? Voordrag by seminaar oor navorsing by Pretoria Technikon - 28 Junie 1990
- 1990b: Environmental values of urban South Africans. Presidentsraad, 11 September; Natal Parks Board - 13 November.
- 1990a: The career of ideologies. HSRC seminaar oor Oos-Europa.
- 1989b: Has the Enlightenment project failed? (Fakulteit Opvoedkunde, UNISA).
- 1989a: Has the Enlightenment project failed? (Dept. Opvoedkunde, VISTA Universiteit).
- 1989: Wanneer is sosiaalwetenskaplike oortuigings ideologies? (Fakulteitseminaar, RAU).

- 1988j: Waarheid, objektiwiteit en die vooroordeel jeens vooroordeel (Voordrag voor dosente, UOVS).
- 1988i: The possibility of realism in the social sciences (Filosofiedepartement, UCT).
- 1988h: Oorsig van navorsingsmetodologie (Navorsingsgroep van die Verpleegstersvereniging, Pretoria).
- 1988g: Die moontlikheid van realisme in die sosiale wetenskappe (Honneursstudente in Filosofie, UOVS).
- 1988f: Foundationalism and fundamentalism: A critique. (Mede-outeur J C Pauw). Konferensie oor Paradigmas en Progressie in die Teologie.
- 1988e: Five myths regarding the social sciences and why they are myths (Werkswinkel oor die metodologie van historiografie, US).
- 1988d: Five myths regarding the social sciences and why they are myths. (Werkswinkel oor die metodologie van kerkgeskiedskrywing, UNISA)
- 1988c: Die filosofie van kwalitatiewe en kwantitatiewe navorsing (Honneursstudente in Sosiologie, UP).
- 1988b: Contending images of social science and the politics of truth (Fakulteit Opvoedkunde, VISTA).
- 1988a: Contending images of social sciences and the politics of truth (Cape Town Philosophical Society).
- 1987g: Die waarheidsvraagstuk in die wetenskap. Nagraadse kursus, Fakulteit Ingenieurswetenskappe, Universiteit van Pretoria (3 Maart).
- 1987f: Waarheid, objektiwiteit en die vooroordeel jeens vooroordeel. Simposium oor Navorsing, Fakulteit Teologie, Potchefstroomse Universiteit vir CHO (30 Junie).
- 1987e: Waarheid en die vooroordeel jeens vooroordeel. Seminaar van die Letterkundevereniging, Universiteit van Pretoria (22 April).
- 1987d: Die verhouding tussen teorie en navorsing in die sosiale wetenskappe. RGN-gespreksgroep (19 Mei).
- 1987c: Riglyne by die skryf van wetenskaplike verslae. Kursus oor navorsing, Randse Afrikaanse Universiteit .
- 1987b: An empirical argument for realism in the social sciences. Eighteenth Annual Congress, ASSA, University of the Western Cape (1 Julie).
- 1987a: Die kritiek van waardes/Die waarde van kritiek. Die elfde jaarkongres van die Vereniging van Afrikaanse Volkekundiges, Universiteit van Pretoria (22 Junie).
- 1986f: Sosiaalwetenskaplike teoretisering en die maatskappy: Van legitimasie tot kritiek. Wysbegeerte Simposium, Universiteit van Pretoria (1 Oktober).

- 1986e: Oor die waarheidsvraagstuk in die wetenskap. Gasdosentlesing, Universiteit van Port Elizabeth.
- 1986d: Herontdekking van die werklikheid: Realisme as teorie van die sosiale werklikheid. Gasdosentlesing, Universiteit van Port Elizabeth.
- 1986c: Gesonde metodologie: Voorvereiste vir goeie geesteswetenskaplike navorsing. Fakulteitslesing, Universiteit van Pretoria.
- 1986b: Die doel van navorsingsontwerp in die sosiale wetenskappe. Seminaar oor Navorsingsmetodologie in die Kriminologie, RGN (13 Oktober).
- 1986a: Deelnemende sosiaal-wetenskaplike navorsing. Referaat gelewer by die jaarlikse kongres van die Suid-Afrikaanse Sosiologie Vereniging (17 Januarie).
- 1985e: 'n Verwysingsraamwerk vir die ontleding van navorsingsetiese probleme. Seminaar oor Navorsingsetiek, RGN (22 Januarie).
- 1985d: Taal in die arbeidsituasie: Metodologiese probleme. INTAK-seminaar, RGN (10 Junie).
- 1985c: Riglyne by die skryf van wetenskaplike navorsingsverslae. Instructa, 1985, Randse Afrikaanse Universiteit.
- 1985b: Resente tendense in die filosofie van die sosiale wetenskappe. Lesing by UNISA.
- 1985a: Rediscovering reality. RAU-seminaar oor 'Die aard en struktuur van sosiaal-wetenskaplike teorie'.
- 1984d: The value-free position in the social sciences. Seminaar oor Sosiaalwetenskaplike navorsing en die samelewing: Betrokkenheid of nie? RAU-eiland.
- 1984c: The relationship between philosophy of science and research methodology. Jaarlikse kongres van die Wysgerige Vereniging van Suider-Afrika, Universiteit van Port Elizabeth.
- 1984b: Opleiding in navorsingsmetodologie in die geesteswetenskappe. Simposium van die Fakulteit Lettere en Wysbegeerte, Potchefstroomse Unversiteit vir CHO.
- 1984a: Oor waarheid en objektiwiteit in die geesteswetenskappe. RGN-gespreksgroep oor Navorsingsmetodologie.
- 1983c: Die problematiek van data-insameling in die geesteswetenskappe. IPEN-skaling-seminaar, RGN.
- 1983b: Francis Bacon's views on the aims of science. Seminar for The Institute for Advanced Study in Philosophy, University of Cape Town.
- 1983a: Die dinamika van geesteswetenskaplike navorsing. RGN-gespreksgroep oor Navorsingsmetodologie.
- 1981: Meaning, reference and rationality. Departemental Colloquium, Randse Afrikaanse Universiteit.

- 1980: Albert Einstein as filosoof. Suid Afrikaanse Akademie vir Wetenskap en Kuns-  
Werkgemeenskap Natuurwetenskappe, Potchefstroomse Universiteit vir CHO.
- 1979: Business ethics. Germiston Rotary Club.

#### International

- 2019: The challenges that young scientists in Africa face. DAAD Alumni Conference, Nairobi, Kenya, 1-3 March 2019
- 2018: ARUA universities: research profile. Workshop on ARUA Performance Indicators and Data-Gathering, ARUA Workshop, Addis Ababa, Ethiopia, 26 February 2018
- 2018: A conceptual framework for research performance assessment. ARUA Workshop, Addis Ababa, Ethiopia, 26 February 2018
- 2017: The context and findings of the bibliometric analysis. Young Scientists in Africa Seminar 5 September 2017, Paris, France
- 2017i: YSA: Context and Bibliometric results. Paris Seminar, 2 September 2017, (with J Blanckenberg)
- 2016: Ethics and research integrity in doctoral education. German Academic Exchange Service (DAAD) Seminar on quality doctoral education, 27 September 2016, Nairobi, Kenya
- 2016: The multi-faceted dimensions of providing quality doctoral education in Africa. German Academic Exchange Service (DAAD) Seminar on quality doctoral education, 26 September 2016, Nairobi, Kenya
- 2016: The deep structure of STI indicators: Contextual knowledge and scientometrics. 21ST international conference on science and technology indicators, 14-16 September 2016, Universitat Politècnica de València
- 2016: Science-granting councils in Sub-Saharan Africa: A typology of diverse science funding configurations. Transformation in Research in the South Conference, Paris, 21-22 January 2016
- 2016: Priority issues for evaluation research in Science Granting Councils – Sub-Saharan Africa. Transformation in Research in the South Conference, Paris, 21-22 January 2016
- 2014: Namibia Business school. Workshop on Doctorate research. 16-17 July 2014
- 2014: Mapping Social Sciences Research in South Africa. Overview of results. DFID, 19 June 2014.
- 2013: Findings of a SA survey of doctoral supervisors. Carnegie Reference Group Meeting, 5 February 2013

- 2011: Collaborative post-graduate training models: Lessons learnt. Conference organized by Carnegie Corporation Nairobi 23 February 2011
- 2011: The state of post-graduate training in sub-Saharan Africa: Challenges and approaches. Nairobi, 22 February 2011
- 2010: The state of social sciences research in sub-Saharan Africa. Building Capacity for better governance and social policy research in Africa, Nairobi, Kenya, February 20-22, 2010
- 2009: Policies and instruments to revitalize and strengthen research at African universities. UNESCO World Conference on Higher Education, Paris.
- 2009: Social sciences research in sub-Saharan Africa. World Conference on the Social Sciences, Bergen, Norway.
- 2006: National Research and Innovation Systems within the context of Socioeconomic Development and Transformation in Africa (with FK Teng-Zeng). Africa Prime Workshop. Lund, Sweden. 23 January
- 2006: Formative evaluation. Presentation to the Evaluation Council of the Carnegie Corporation of New York, New York, USA. 31 January
- 2004: Science for transformation. Research agenda's and priorities in the South African science system. Georgia Institute of Technology, Georgia, USA. 14 June
- 2004: Modes of dissemination and effective research utilisation: Findings from a South African survey. EASST Conference in Paris. 28 August
- 2004: Measuring the impact of research: Lessons from programme evaluation? CSICC Colloquium on the Impact of science on society. University of Montreal, Montreal. 17 June
- 1998: Patterns of research collaboration in academic science in South Africa. European Association for the Study of Science and Technology, Lisbon, EASST, Lisbon, 29 September – 3 October
- 1998: Between adversaries and allies: The notion of strategic science in post-apartheid South Africa. Seminar: Science and Society in South Africa, University of Sussex, 14 and 15 September
- 1996: Discussant in session: Meta-scientific discourses. Joint Conference of the International Social Studies Association and the European Association for Science and Technology. Bielefeld, October
- 1995: Values and tolerance in South Africa. UNESCO Symposium on Tolerance, University of Magdeburg, Germany. October



- 1995: The institutionalisation of social research in South Africa: The interdisciplinary challenge. Seminar on: Centres for Interdisciplinary research - A model for institutional innovation in science? University Bielefeld, Bielefeld. January
- 1994: The politics of data-management: Setting up the South African Data Archive. Paper presented at the 20th Annual Conference of IASSIST in San Francisco. May.
- 1993: The structuration of social knowledge. Joint seminar: HSRC and the Slavic Academy for Science, Bratislava. Mei
- 1992: On common values and nation-building in South Africa. Joint HSRC/CNRS Symposium, Paris - 29 October.
- 1991: Public opinion polls and the democratizing of society. National Science Council, Taiwan - 13 Mei.
- 1985: Contemporary philosophies of sciences and the qualitative paradigm in the social sciences. Fourth International Conference of the Human Sciences Research Association, University of Alberta, Edmonton.

## Book reviews

- 2007: *Latour, B.* Reassembling the social: An introduction actor-network-theory
- 2001: Weingart, P. & Stehr, N. Practising interdisciplinarity. *Canadian Journal of Sociology*.
- 1989: Duvenage, B - Paradigmas in die wetenskappe: 'n Christelike perspektief. *Koers*
- 1984: Dreyer, P S - Objek en metode in die geesteswetenskappe. *Tydskrif vir die Geesteswetenskappe*, 24(2):181-182.
- 1983: Groenewald, J P - Maatskaplike navorsing. *Navorsingsbulletin*, 13(4)
- 1978: Van der Walt, BJ - Heartbeat: Taking the pulse of our theological-philosophical heritage. *Koers*, 43(5):490-494.

## RESEARCH REPORTS

- 2019i: *The Quality of South Africa's Research Publications* (With Redelinghuys, H., Spies, J., Blamckenberg, J., Lorenzen, L., Ford, K., Visagie, A. & Van Niekerk, M.) Commissioned by DHET, 194pp.
- 2019h: *The State of the South African research enterprise*. (With Basson, I., Blanckenberg, J., Boshoff, N., Prozesky, H., Redelinghuys, H., Treptow, R., Van Lill, M. & Van Niekerk, M.) 277pp.

- 2019g: *A scientometric assessment of Geological Sciences in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019f: *A scientometric assessment of Mathematics in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019e: *A scientometric assessment of Computer Science in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019d: *A scientometric assessment of Statistics in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019c: *A scientometric assessment of Chemistry in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019b: *A scientometric assessment of Physics in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2019a: *A scientometric assessment of Biological Sciences in South Africa.* (With Basson, I., Blanckenberg, J., Boshoff, N., Ford, K., Joubert, M., Lorenzen, L., Prozesky, H., Redelinghuys, H., Van Lill, M. & Van Niekerk, M.)
- 2018b: Young scientists in Africa (YSA): Factors influencing research performance and career development. (With Beaudry, C., Solar-Pelletier, L. & Prozesky, H.) IDRC, 60pp.
- 2018a: Building a new cadre of researchers for South Africa. (With Botha, J., Boshoff, N., Prozesky, H., Swart, C., Treptow, R., Redelinghuys, H., Ford, K., van Niekerk, M. & Visagie, A.) Commissioned by USAf, 263pp.
- 2017b: *A study of scientific journal and book publishing in SA: 2005-2014* (with Mouton, J., Valentine, A., Visagie, A., Lorenzen, L., Spies, J., Redelinghuys, H., Boshoff, N. & Tijssen, R.) Commissioned by ASSAf, 312pp.
- 2017a: *SGCIs in Africa: a needs-assessment report.* (with Mouton, J. & Coates, D.) Commissioned by NRF/ DfiD
- 2016d: *Status of postgraduate research training in engineering* (with Mouton, J., Van Lill, M. & Valentine, A.) Commissioned by ASSAf, 125pp.
- 2016c: *The changing face of South African science: SciSTIP STI Indicator Report 1.* (With Mouton, J. & Tijssen, R.) 24pp.

- 2016b: *UWC bibliometric study*. Commissioned by University of Western Cape.
- 2016a: *UFH bibliometric study*. Commissioned by CHET.
- 2015e: *A study on the retention, completion and progression rates of South African postgraduate students*. (with Van Lill, M., Botha, J., Boshoff, N., Valentine, A., Cloete, N. & Sheppard, C). Commissioned by the Department of Science and Technology. Stellenbosch: Centre for Research on Evaluation, Science and Technology. 117pp.
- 2015d: *Bibliometric analysis of NITHeP publications: 2008–2014*. (with Valentine, A., Blanckenberg, J., Spies, J. & Lorenzen, L) (with citation analyses produced by Van Wijk, E., CWTS). Commissioned by the National Institute for Theoretical Physics. 60pp.
- 2015c: *Research and innovation performance framework*. Commissioned by the National Research Foundation. Stellenbosch: Centre for Research on Evaluation, Science and Technology. 48 pp.
- 2015b: *A bibliometric analysis of the state of research at UWC*. Stellenbosch: Centre for Research on Evaluation, Science and Technology. 200 pp.
- 2015a: *A bibliometric analysis of the state of research at UKZN*. Stellenbosch: Centre for Research on Evaluation, Science and Technology. 267 pp.
- 2014n: *Bibliometric profile of research collaboration: South Africa and the United States*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2014m: *Bibliometric profile of research collaboration: South Africa and the United Kingdom*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014l: *Bibliometric profile of research collaboration: South Africa and Switzerland*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014k: *Bibliometric profile of research collaboration: South Africa and South Korea*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014j: *Bibliometric profile of research collaboration: South Africa and Russia*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014i: *Bibliometric profile of research collaboration: South Africa and Norway*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

- 2014h: *Bibliometric profile of research collaboration: South Africa and Japan.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014g: *Bibliometric profile of research collaboration: South Africa and Italy.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014f: *Bibliometric profile of research collaboration: South Africa and India.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2014e: *Bibliometric profile of research collaboration: South Africa and France.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014d: *Bibliometric profile of research collaboration: South Africa and China.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University
- 2014c: *Bibliometric profile of research collaboration: South Africa and Brazil.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2014b: *Bibliometric profile of the state of energy research in South Africa.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2014a: *Science Granting Councils in Sub-Saharan Africa.* (with Gaillard, J., Van Lill, M. and CREST Staff) (Project supported by the International Development Research Centre IDRC-CRDI).
- 2013g: *Impact assessment of the Innovation Postdoctoral Fellowship Programme.* (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2013f: *A bibliometric assessment of the state of research at the University of the Free State.* 13 January 2013. 209pp. Centre for Research on Science and Technology, Stellenbosch University
- 2013e: *A bibliometric assessment of the state of research at North West University.* 23 March 2013. 234pp. Centre for Research on Science and Technology, Stellenbosch University
- 2013d: *A bibliometric assessment of the state of research at the University of Cape Town.* 10 July 2013. 267pp. Centre for Research on Science and Technology, Stellenbosch University

- 2013c: *A bibliometric assessment of the state of research at the University of South Africa*. 24 February 2013. 133pp. Centre for Research on Science and Technology, Stellenbosch University
- 2013b: *Review and analysis of the current state of health research at the Faculty of medicine and Health Sciences of Stellenbosch University (with Gevers, W.)*. 31 May 2013. 132pp.
- 2013a: *A bibliometric assessment of the state of research at the University of the Witwatersrand*. 20 September 2013. 457pp. Centre for Research on Science and Technology, Stellenbosch University
- 2012a: *A bibliometric assessment of the state of research at the University of Pretoria*. Centre for Research on Science and Technology, Stellenbosch University
- 2011b: *A needs assessment for capacity development in Higher Education in South Africa*. Study commissioned by: Netherlands Initiative for Capacity development in Higher Education (NICHE). Centre for Research on Science and Technology, Stellenbosch University
- 2011a: *The state of the Humanities and Social Sciences at the University of Pretoria*. Centre for Research on Science and Technology, Stellenbosch University
- 2010h: *A bibliometric profile of research at the University of Venda for Science and Technology*. (with CREST staff) Centre for Research on Science and Technology, Stellenbosch University
- 2010g: *A bibliometric profile of research at the University of Limpopo*. (with CREST staff) Centre for Research on Science and Technology, Stellenbosch University.
- 2010f: *A bibliometric profile of research at the Cape Peninsula University of Technology*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2010e: *A bibliometric profile of research at the Walter Sisulu University for Technology and Science*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2010d: *Biotechnology Human Capital Needs Analysis*. Joint report produced by the Centre for Research on Science and Technology, Stellenbosch University, and IsambuloAMI, for the South African Agency for Science and Technology Advancement (SAASTA).
- 2010c: *Tracer study of university graduates in the Social Sciences, Humanities & Arts*. (with CREST staff) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

- 2010b: *Survey of the out-of-class experiences of Stellenbosch University students.* (with Boshoff, N., James, M., Lorenzen, L. and Treptow, R.F.) Centre for Research on Evaluation, Science and Technology, Stellenbosch University.
- 2010a: *Electronic knowledge resources for university research and scholarship.* (with Boshoff, N., James, M., Lorenzen, L. and Treptow, R.F.) Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.
- 2009n: *Postgraduate studies in South Africa: A statistical profile.* Higher Education Monitor No 7, Council on Higher Education, Pretoria.
- 2009m: *A bibliometric profile of research at North-West University.* Centre for Research on Science and Technology, Stellenbosch University.
- 2009l: *A bibliometric profile of research at the University of Cape Town.* Centre for Research on Science and Technology, Stellenbosch University
- 2009k: *A bibliometric profile of research at the University of Johannesburg.* Centre for Research on Science and Technology, Stellenbosch University.
- 2009j: *A bibliometric profile of research at the University of Zululand.* Centre for Research on Science and Technology, Stellenbosch University.
- 2009i: *Study on the Scarce Skills Development Fund (SSDF) of the NRF.* Centre for Research on Science and Technology, Stellenbosch University.
- 2009h: *Doctoral students in South Africa: A statistical profile based on HEMIS data.* Centre for Research on Science and Technology, Stellenbosch University.
- 2009g: *A bibliometric profile of the University of KwaZulu-Natal.* (with Boshoff, N.) . October 2008
- 2009f: *Higher education research.* A study commissioned by the CHE and incorporated in their Review of the state of Higher Education in South Africa. April 2009.
- 2009e: Mouton, J., Boshoff, N., De Waal, L., Esau, S., Imbayarwo, B., Ritter, M. & Van Niekerk, D. 2008. "The state of public science in the SADC region". Chapter 4 (pp. 197-302) in *Towards a Common Future: Higher Education in the SADC Region. Research Findings from Four SARUA Studies*, by P. Kotecha (ed), Studies Series 2008. Johannesburg: Southern African Regional Universities Association (SARUA).
- 2009d: *A bibliometric profile of North-West University.* (with Boshoff, N.) . January 2009
- 2009c: *Survey of Doctoral Graduates. A destination study of PhD students across a sample of fields and institutions.* (with M. Ritter and N. Boshoff) A report commissioned by the Academy of Science of South Africa. June 2009.
- 2009b: *Systemic blockages in postgraduate education and training.* A report commissioned by the Academy of Science of South Africa. June 2009.

- 2009a: Mouton, J.; Boshoff, N. & Waast, R. (2009) Scientific mobility and institution building in science in developing countries. Report as part of Work Package 2 of ResIST – Researching Inequality through Science and Technology. January 2009.
- 2008g: A bibliometric study of the state of health research in South Africa. (With Boshoff, N.) Centre for Research on Science and Technology (CREST), Stellenbosch University.
- 2008f: *A bibliometric analysis of research at Nelson Mandela University.* (With Boshoff, N.). A report to the HEQC. June 2008
- 2008e: *A bibliometric analysis of research at UNIS.* (With Boshoff, N.). A report to the HEQC. April 2008
- 2008d: *A bibliometric analysis of research at the University of Fort Hare* (With Boshoff, N.). A report to the HEQC. March 2008
- 2008c: *Benchmarking research at Stellenbosch University.* A study commissioned by the University of Stellenbosch. (with Boshoff, N. and Tijssen, R.J.W.). January 2008.
- 2008b: *Post-graduate studies in South Africa: A statistical study.* A study commissioned by the CHE. (with Boshoff, N.) . June 2008
- 2008a: *Books as research publications. A study commissioned by the Academy of Science of South Africa* (with Boshoff, N.). February 2008.
- 2007h: *Review of SIDA/SAREC support to Ethiopia* (With Fagerström, T. Louw, A.A. Tusubira, F.F. and Volmink, J.). Study commissioned by SIDA, June 2007
- 2007g: *Human capital and the South African Knowledgebase* (With the Centre for Science and Technology Studies (CWTS), University of Leiden in the Netherlands). Study commissioned by NACI, March 2007
- 2007f: *A bibliometric analysis of research at the University of the Western Cape* (With Boshoff, N.). A report to the HEQC. July 2007
- 2007e: *A bibliometric analysis of research at the Durban University of Technology* (With Boshoff, N.). A report to the HEQC. July 2007
- 2007d: *African Science and Technology Profiles: science and technology in the Federal Republic of Ethiopia.* Study commissioned by the Department of Science and Technology, August 2007
- 2007c: *African Science and Technology Profiles: integrated report on high-level findings.* Study commissioned by the Department of Science and Technology, August 2007
- 2007b: *African Science and Technology Profiles: consolidated report on regional S&T profiles.* Study commissioned by the Department of Science and Technology, August 2007
- 2007a: *African Science and Technology Profiles: a continental report.* Study commissioned by the Department of Science and Technology, August 2007

- 2006g: *National Research and Innovation Systems within the context of Socioeconomic Development and Transformation in Africa* (With Frank Teng-Zeng). Report to the Prime Africa project.
- 2006f: *A profile of researchers and research production in health research in South Africa* (With Boshoff, N.). Study commissioned by the Department of Science and Technology, July 2006
- 2006e: *A monitoring and evaluation framework to benchmark the performance of women in the NSI* (With J Galant). Report for NACI.
- 2006d: *A bibliometric analysis of research at the University of the Witwatersrand* (With Boshoff, N.). A report to the HEQC
- 2006c: *A bibliometric analysis of research at the Vaal University of Technology* (With Boshoff, N.). A report to the HEQC. March 2006
- 2006b: *A bibliometric analysis of research at the University of the Free State* (With Boshoff, N.). A report to the HEQC
- 2006a: *A bibliometric analysis of research at Rhodes University* (With Boshoff, N.). A report to the HEQC
- 2005c: *'n Studie na die handelsmerk van die Universiteit van Stellenbosch.* 'n Studie uitgevoer in opdrag van die Rektor
- 2005b: *Knowledge production for the South African economy.* Report commissioned by the Department of Science and Technology. 31 May 2005.
- 2005a: *A review of models of research utilisation* (with T.G. Bailey)
- 2004: *Research@Stellenbosch. 'n Omvattende bibliometriese studie na die stand van navorsing by die Universiteit van Stellenbosch.* 2004.
- 2003e: *A framework for monitoring the South African higher education system.* (With Cloete, N and Subotzky, G). CHE. July
- 2003d: *SANPAD: A review of research themes and priorities.* SANPAD. May
- 2003c: *A survey of research utilisation.* (With Bailey, TG and Boshoff, N) NACI Report. March
- 2003b: *A guide to good practice in institutional research quality assurance.* (With Galant, J) HEQC. March
- 2003a: *Women in Science, Engineering and Technology in South Africa* (with Bailey, TG; Boshoff, SC; Davids, S; Galant, J; Hunter-Hüsselmann, M; Prozesky, HE & Ritchie, FM)
- 2002e: *A new generation of scientists. A think piece.* Document for COHORT: Pretoria. October 2002.



- 2002d: *Promoting worldwide S&T capacities for the 21<sup>st</sup> century*: Background document for a strategic forum organised by the Academy of science of South Africa. (With Bailey, TG and Boshoff, N) October
- 2002c: *Afrikaans as wetenskaps taal in Suid-Afrika* (Met Van Schoor, MP) Verslag vir die Rektor: Universiteit van Stellenbosch. Oktober
- 2002b: *Universitas Hospital: A ethics audit*. (With Landman, W) Ethics Institute of South Africa. October 2002
- 2002a: *Science in Africa*. Proceedings of a conference. CENIS Research Report
- 2001c: Eastern Cape regional collaboration study: A study on research capacity and research collaboration (with Boshoff, SC). CHET funded project.
- 2001b: *A profession under siege? Medical practice and ethics in South Africa* (with Landman, W). Ethics Institute of South Africa Technical report No. 1. 4 pp.
- 2001a: *'n Ondersoek na die stand van nagraadse studie aan die Universiteit van Stellenbosch*. (Met Hunter, M). 90 pp
- 2000d: *Science in South Africa: Vol. 1 - History, institutions and policies*. (With Boshoff; SC; Grebe, PE; Waast, R; Ravat, EB; Ravjee, N). CENIS Research Report.
- 2000c: *South African Science in Transition*. (With Boshoff, SC). CENIS Research Report 89pp
- 2000b: *Benchmarking research performance in Higher Education in the RSA* (with Dowling, ZT; Eigelaar, I and Ravat, EB). CENIS Research Report. 200pp.
- 2000a: *Science in transition: Interim Report South Africa* (with Boshoff, SC) CENIS Research Report. 89 pp.
- 1999d: *Ondersoek na prestasiebeoordeling in die Fakulteit Lettere en Wysbegeerte*. 60pp.
- 1999c: *Science in South Africa: Vol. 1 - History, institutions and policies*. (With Boshoff, SC; Grebe, PE; Waast, R; Ravat, EB; Ravjee, N). CENIS Research Report
- 1999b: *Toegangstoetsresultate van die 1999-studente-inname aan die Universiteit van Stellenbosch*. (Met Van der Merwe, AP)
- 1999a: *US-toegangstoetse: Verslag van 'n Loodsstudie*. (Met Van der Merwe, AP). Universiteit van Stellenbosch
- 1998f: *Toegangstoetsresultate van die 1998-studente-inname aan die Universiteit van Stellenbosch vir die 1999- inname van eerstejaarstudente aan die US* (Met Van der Merwe, AP). Universiteit van Stellenbosch
- 1998e: *US-toegangstoetse: Verslag van 'n Loodsstudie*. (Met Van der Merwe, AP). Universiteit van Stellenbosch.
- 1998d: *Aanvangstoetsresultate*. Studie vir die Afdeling vir Akademiese Steun, Universiteit van Stellenbosch.

- 1998c: A practical guide to programme evaluation : A case study of the Thousand Schools Project evaluation. Independent Development Trust.1998. 148pp
- 1998b: *Technology 2005: A National Implementation Evaluation Study*. Centre for Interdisciplinary Studies, University of Stellenbosch. 218pp
- 1998a: The Desmond Tutu Educational Trust Evaluation Report (with Tapp, J)
- 1997: Aanvangstoetse by die Universiteit van Stellenbosch: 'n Evaluasie
- 1995: *The state of methodology in South Africa. The analysis of research in the human sciences in South Africa*. Pretoria: HSRC.
- 1993: *The socio-political beliefs and attitudes of South African matriculants*. Report for HSRC Investigation into the Youth. With Kotze, HJ; Greyling, A & Hackmann, H) Pretoria: HSRC.
- 1991c: Kunsmatige reëvalstimulering: 'n Opname rakende inligtingstrategieë. Studie in opdrag van die Watervnavorsingskommissie Mede-outeur saam Pretorius, R & Liebenberg, H. Pretoria: RGN.
- 1990b: Anglo American Chairman's statement: An impact study. (With Dixon B & Pretorius, R) Pretoria: HSRC.
- 1990a: English and operacy for primary school teachers: A programme evaluation. Study commissioned by the Upttrail Trust. (With Claassen, NCW; Strasheim, A & Vorster, J) Pretoria: HSRC.
- 1989: SA Panorama: A readership survey. Study for the Department of Foreign Affairs, Pretoria: HSRC.
- 1988: American and European attitudes towards South Africa. Study for the Department of Foreign Affairs. Pretoria: HSRC.
- 1987: American attitudes towards South Africa. Study for the Department of Foreign Affairs. Pretoria: HSRC.
- 1984: 'n Ondersoek na die behoeftes en prioriteite op die gebied van navorsingsmetodologie in die RGN. Pretoria: HSRC.

## COURSES AND TRAINING WORKSHOPS PRESENTED

I have, since 1985, been responsible for the organisation of more than 50 workshops in research methodology at the HSRC and numerous South African universities. I also regularly present workshops in Post-graduate Supervision, The development of research proposals, Research Methodology and Programme Evaluation at numerous South African universities.

## CONFERENCES AND SEMINARS ORGANIZED

I have since 1983 organised the following seminars and conferences:

- Methodological issues in psychology, sociology and education - 1983 (RAU)
- Ideology, discourse and text - September 1986 (RAU)
- Paradigms and progress in Theology - April 1988 (HSRC)
- Knowledge and method in the human sciences - 1989 (HSRC)
- Is there progress in social science? - 1990 (HSRC)
- The relevance of theology for the nineties - 1990 (University of Stellenbosch)
- Research capacity building in the social sciences - 1992 (Everglades)
- Action research in education - 1992 (UWC)
- Social science studies - 1993 (HSRC)
- Ideology and modern culture - 1993 (Cape Town)
- Global change and social transformation - 1993 (HSRC)
- Knowledge, method and the public good - 1994 (HSRC)
- Social theory and post-modernity - 1994 (Pilanesberg)
- Intellectuals and the production of knowledge for policy - 1996 (Cape Town)
- Shifts in Modes of knowledge-production - 1996 (Cape Town).
- Research Directors' Forum 1: Research management - 1997 (Durban)
- Research Directors' Forum 2: Research and Development: Evaluation - 1998 (Devon Valley)
- Research Directors' Forum 3: Benchmarking research performance in South African Higher Education - May 2000 and
- Research Directors' Forum 4: December 2000 (Stellenbosch)
- Science in Africa Symposium. October 2001
- Research Directors' Forum 5: September 2003
- Inequality in Science and Technology Seminar – October 2003
- Research Directors' Forum 6: March 2004

- Research Directors' Forum 7: September 2005
- Research Directors' Forum 8: March 2006
- Research Directors' Forum 9 : November 2007
- RESIST South African meeting: October 2008
- DFID Seminar on Communication of Research for Uptake and Utilisation: 14 September 2009
- Research Directors' Forum: 4 September 2012
- Seminar with Fred Gault: Where are Innovation Indicators and Measurement going in the next five years?: 21 August 2013
- Research Directors' Forum: 11 October 2013
- Science Granting Councils in Sub-Saharan Africa: 26 – 27 November 2013
- Seminar with Manuel Castells: Rethinking Development in the Global Information Age: 5 June 2014
- Research Directors' Forum: 5 November 2014
- SciSTIP Scientific Launch: 6 – 7 November 2014
- Seminar on the h-index with Rodrigo Costas: 10 June 2015
- Science Communication Research Seminar: 16 September 2015
- Young Scientists in Africa Research Seminar: 20 January 2016
- Academic Science in South Africa: 7 – 8 April 2016
- International Conference on Scientometrics, STI Policy and Science Communication: 31 October – 3 November 2016
- Young Scientists in Africa Research Seminar: 5 September 2017
- Seminar on Scholarly Publishing: 28 – 29 September 2017
- CREST/CWTS Bilateral Seminar: 7 November 2017
- Research roundtable on “Science and higher education in Africa: A research agenda for the future”: 8 – 9 November 2018

## GRANTS AND RESEARCH CONTRACTS SECURED

- 1995: R80 000 - Anglo America's Chairman's Fund as contribution to the *World Values Survey*
- 1995: R50 000 - HSRC Grant as contribution to the *World Values Survey*
- 1996/7: R270 000 to undertake a *Survey on Scholarship, Research and Development* as part of the National Research and Technology Audit

- 1997: R170 000 to undertake an evaluation of the *Thousand Schools Project* (Independent Development Trust)
- 1997: R34 000 to undertake an evaluation of various projects funded by the Desmond Tutu Education Trust
- 1998: R150 000 to undertake research on *Mapping the South African science system* (US Research Committee)
- 1998: R250 000 to undertake an evaluation of *Technology 2005* (FRD/Department of Education)
- 1999: R250 000 (with EPU, UWC) to undertake research on *Modes of knowledge production in South African science* (SANPAD funded project)
- 1999: R67 000 to undertake a study on *The state of science in South Africa* (IRD, Paris)
- 2000: R96 000 to undertake a study on *The state of post-graduate studies at the University of Stellenbosch* (US Stellenbosch 2000)
- 2000: R129 000 to undertake a collaborative study on *Benchmarking R&D in Higher Education in South Africa* (NRF Grant)
- 2000: R146 000 to undertake training in programme evaluation research methods for the Department of Education (European Union Contract)
- 2001: R155 000 to undertake research on *Beyond knowledge dichotomies* (NRF Grant in the category of Indigenous Knowledge Systems).
- 2001: R25 000 award by DACST to support the *Science in Africa Symposium*
- 2001/2002: R690 000 award (with UCT) by the Joint Education Trust to develop and present an advanced training programme in educational research
- 2002: R80 000 award by NACI for research on *S&T indicators*
- 2002: R221 000 award from the HEQC to lead a national project for the development of a quality assurance framework for research in the Higher Education Sector.
- 2005: R125 000 for project on *The state of post-docs at Stellenbosch University*. Office of the Vice-Rector, Stellenbosch University
- 2005: R1.6 million contract for omnibus project on *The state of post-graduate education in South Africa* by the Council for Higher Education.
- 2006: R200 000 contract for NACI Project on *Tracking R&D Expenditures*
- 2006: R395 000 contract for NACI Project on *Human capital and the South African knowledgebase*
- 2006: R1.1 million for RESIST project (*Research on Inequality in Science and Technology*). EU funded.
- 2006: R900 000 for project on *S&T Profiles of African Countries* (DST Project)

- 2007: R950 000 for a project on “Mapping research systems in developing countries” (UNESCO Forum on Higher Education and Research)
- 2008: R500 000 project on “Scholarly publishing in South Africa” (Academy of Science of South Africa)
- 2008: R600 000 project on “The state of the PHD in South Africa” (Academy of Science of South Africa)
- 2009: R750 000 continuation project on “Mapping research systems in developing countries” (UNESCO Forum on Higher Education)
- 2010: Ford Foundation Grant to support the work of the African Doctoral Academy (\$510 000)
- 2010 NRF evaluation project on “The scarce skills fund”
- 2011: The Carnegie Corporation of New York Grant to support the work of the African Doctoral Academy (\$1 million)
- 2011: DFiD Project on Research Uptake and Utilization (with ACU and OSD) (R14.4 million over 5 years)
- 2012: NRF project on “Impact assessment of the post-doc fund” (R400 000)
- 2013: DFiD project on “Mapping the social sciences in South Africa” (R700 000)
- 2013: DST project on “Bibliometric profiles of International Research Collaboration” (R498 000)
- 2013: IDRC project on “Science Granting Councils in Africa” (R1 400 000)
- 2014: DST Study on “The State of Astronomy and Astrophysics in South Africa” (R500 000)
- 2014: DST Study on “The Retention of Post-graduate students in South Africa” (R 990 000)
- 2014: MRC Study on “The Bibliometric Profile of Medical Research in South Africa” (R144 000)
- 2014: NRF Grant on “The state of the South African research enterprise” (R3 million)
- 2015: IDRC/Bosch grant on “Young scientists in Africa” (R5.3 million)
- 2015: ASSAf contract on “The state of scholarly publishing in South Africa” (R800 000)
- 2016: DST grant on “The state of seven basic sciences in South Africa” (R2 million)
- 2016: ASSAf contract on “A comprehensive statistical analysis of the progression and retention rates of students in the Engineering and Technological Sciences” (R200 000)
- 2016: IDRC/NRF contract on “Building Sustainable Research Management Capacity in Science Granting Councils in Sub-Saharan Africa (SRMinSGC): (R555 960)
- 2016: DOTP CHEC Tender on “Gamechangers”: (R434 430)
- 2017: CHEC contract on “Statistical support on the Gamechangers” (R300 000)

- 2017: DHET grant on “The quality of South African publications” (R2.477 million)
- 2017: DST grant on “The state of six basic social sciences disciplines” (R2 million)
- 2017: NACI contract on “The development of a M&E framework for the STI system: (R1 million)
- 2017: USAf contract on “The building of a cadre of emerging researchers in the higher education system”: (R962 415)
- 2018: NACI contract on “A review of the NRDS and TYIP” (R2 million)
- 2018: DAAD DIES grant on “Quality doctoral education” (R4.5 million)

## TEACHING AND SUPERVISION

### Summary

Level	Race	Gender	Total
Masters	Black	Female	13
	Black	Male	20
	Coloured	Female	6
	Coloured	Male	5
	White	Female	14
	White	Male	4
	Undisclosed (foreign nationals)	Female	6
	Undisclosed (foreign nationals)	Male	4
	<b>TOTAL</b>		<b>72</b>
Doctoral	Black	Female	2
	Black	Male	3
	Coloured	Male	1
	White	Female	14
	White	Male	6
	Undisclosed (foreign nationals)	Male	4
	<b>TOTAL</b>		<b>30</b>
Postdoctoral fellows	Black	Female	1
	Black	Male	1
	White	Female	2
	White	Male	2
	Undisclosed (foreign nationals)	Male	4
	<b>TOTAL</b>		<b>10</b>

## Doctoral Students Supervised (or co-supervised)

- Dr FK Teng-Zeng (December 2002). *Transnational science and technology co-operation in Africa: an evaluation of selected institutions and programmes*. Supervisor: Prof P Nel, Co-Supervisor: Prof J Mouton.
- Dr MA Abrahams (April 2004) Dissertation title: *Theory-based evaluation of community development: a South African case study* (Co-supervisor)
- Prof RJ Gaede (December 2004) Dissertation title: *Validity in image-based research: A Delphi Study*
- Dr AP Kutame (April 2004) Dissertation title: *Researching sensitive issues in education in the Limpopo Province of South Africa*
- Dr A Lombaard (April 2004) Dissertation title: *On the human side... of illness and research*
- Dr AD Van der Merwe (December 2004) Dissertation title: *Evaluating the integration of ICTs into teaching and learning activities at a South African Higher Education Institution*
- Prof E Wasserman (December 2004) Dissertation title: *Implementation evaluation as a dimension of quality assurance of the new curriculum for medical education and training at the University of Stellenbosch*
- Dr L Liebenberg (April 2005) Dissertation title: *Visual methods as qualitative research method (in South Africa)*
- Dr C Myburgh (April 2005). Dissertation title: *Methodological and epistemological challenges for the chiropractic profession in health care - a study of the history, status quo and future of research and clinical practices*.
- Dr. K Lucket (April 2006) Dissertation title: *The quality assurance of teaching and learning in higher education in South Africa: An analysis of national policy development and stakeholder response*
- Dr HE Prozesky (December 2006) Dissertation title: *Gender differences in the publication productivity of South African scientists*. DPhil Sociology. 498 pp. Promotor: Kritzinger AS, co-promotor: Mouton J.
- Dr. AW Erasmus (DPhil STS). (March 2008) Dissertation title: *Research at technikons: the journey from apprenticeship training to technological degrees*.
- Dr WC Steenkamp (March 2008) Dissertation title: *Teorie-gebaseerde program-evaluering in die ontwikkeling en evaluering van 'n alkohol-voorkomingsprogram vir die werkplek*. D. Phil. Social Science Methods.
- Dr K Myres (November 2008) Dissertation title: *Venture creation: Building theory from South African case studies. DBA GIBs*.



Dr HS Fourie (March 2009) Dissertation title: *Philosophy of the technical process: A transcendental empirical study* (Co-supervisor).

Dr MD Masipa (March 2011) Dissertation title: *A framework for the evaluation of universities in SA: conceptual and methodological issues*

Dr SC Boshoff (March 2013) Dissertation title: *Knowledge utilisation in the South African wine industry*

Dr JE Du Toit (March 2013) Dissertation title: *Journalism education in universities: The global and local migration of concepts between discipline and practice*

Dr LT Mabasa (March 2013) Dissertation title: *A responsive evaluation approach in evaluating the implementation of Safer Schools Programmes in the Limpopo Province*

Dr NM Luruli (April 2014). Dissertation title: *Research funding and modes of knowledge production: a comparison between NRF-funded and industry-funded researchers in South Africa*

Dr LP Wildschut (April 2014) Dissertation title: *Theory-based evaluation, logic modelling and the experience of SA non-governmental organisations*

Dr J Bakuwa (March 2015) Dissertation title: *Public understanding of global climate change in Malawi: An investigation of factors influencing perceptions, attitudes and beliefs about global climate change*

Dr A Crafford (March 2015) Dissertation title: *Identity in organisations: a methodological study*

Dr HF Andoh (March 2017) Dissertation title: *Relevance, effectiveness and impact of PhD thesis outcomes to Environmental and Natural Resource Management policies formulation in Ghana: issues of research uptake and utilization*

Dr S Parker (March 2017) Dissertation title: *Development of indicators for the South African publics' relationship with science*

Dr VA Ankamah-Lomotey (March 2019) Dissertation Title: *Research uptake management: a strategic framework for institutionalising research uptake at the Kwame Nkrumah university of Science and Technology, Kumasi.*

Dr I Basson (March 2019) Dissertation Title: *An investigation of open access citation advantage through multiple measures and across subject areas for articles published from 2005 to 2014*

Dr NM Elema (March 2019) Dissertation Title: *The contribution of the water research fund for Southern Africa (WARFSA) to knowledge production and policy in the SADC water sector*

Dr JF Stofberg (March 2019) Dissertation Title: *Commercialising Intellectual Property Emanating from Universities in the Western Cape, South Africa*

Dr MH van Lill (March 2019) Dissertation Title: *A study of the doctoral pipeline: Time-to-degree in selected disciplines at South African Universities*

## Masters Students Supervised

Mr T Mabasa (December 1999) Thesis title: *The participation of various stakeholders in school governance: a case study of two schools in the Northern Province.*

Mr EB Ravat (December 1999) Thesis title: *The design, development and validation of a self-disclosure scale.*

Dr PS Steyn (December 1999) Thesis title: *The development and validation of a scale measure patients' satisfaction of antenatal care.*

Ms LP Esterhuizen (December 1999) Thesis title: *On method and madness: ambivalence and contingency in social research. Cum laude.*

Mr FG Netswera (December 1999) Thesis title: *The development of an instrument to determine the perceptions of Gauteng small business operators of their support system.*

Mr MD Mosia (December 2000) Thesis title: *The use of secondary data in the study of living arrangements of households in the New South Africa: a case of the October Household Survey 1996 (OHS): Western Cape Province*

Mr LC Seleokane (December 2000) Thesis title: *The implementation of socio-economic right in South Africa - a meta-analysis. Cum laude.*

Ms JN Bloem (March 2001) Thesis title: *Methodological issues in the measurement of poverty: An analysis of two poverty surveys in Lesotho*

Ms ZT Dowling (December 2001) Thesis title: *Research, methodology and the internet: a study of the internet as a data capturing tool. Cum laude.*

Prof AH Dye (March 2001) Thesis title: *Developments in research management and knowledge production in South African higher education institutions: A case study of the Eastern Cape Province. Cum laude.*

Ms I Eigelaar (December 2001) Thesis title: *The use of peer review as an evaluative tool in science*

Mr M Jacobz (December 2001). Thesis title: *Objectivity, power and interests: a sociological analysis*

Ms LP Wildschut (December 2001) Thesis title: *The role of qualitative data in a mixed method evaluation design.*

Ms M Goldstone (March 2002) Thesis title: *Measuring pupil's knowledge and understanding of technology: a methodological study*

Ms M Hunter (March 2002) Thesis title: *Postgraduate studies at the University of Stellenbosch: the use of survey methods in estimating students' perceptions*

Mr LT Mangena (December 2002) Thesis title: *The recognition and protection of human rights in maintaining school discipline in the Northern Province.*

Mr ST Masemola (March 2002) Thesis title: *A methodological case study of the effects of school administration programmes on school effectiveness in the Northern Province*

Mr MBG Cele (December 2003) Thesis title: *The utility of industry-university partnership: a case study of the University of Cape Town (UCT) and SASOL*

Ms V Dittmar (December 2003) Thesis title: *The appreciation and understanding of value diversity: an evaluation of value diversity intervention at the University of Stellenbosch. Cum laude.*

Mr BCT Maralack (March 2003) Thesis title: *Public understanding of science: (A case study of a coloured community)*

Ms T Mashamba (March 2003) Thesis title: *The relationship between university research and the surrounding communities in developing countries: A case study of the University of Venda for Science and Technology*

Ms YD Mpetsheni (March 2003) Thesis title: *Langa community needs assessment study.*

Ms KD Seutloadi (March 2003) Thesis title: *An evaluation of the transformation process in the Performing Arts Councils in South Africa*

Mr H Snyders (December 2003) Thesis title: *Tegno-korreksies - die gevangenis as 'n lerende organisasie*

Ms LJ Bowers (December 2004) Thesis title: *Utilization of research in South Africa's Research Institutes*

Mr MS Bukula (April 2004) Thesis title: *Methodological issues in the evaluation of small business development policies and programmes*

Mr TGB Hart (April 2004) Thesis title: *The value of using rapid rural appraisal techniques to generate and record indigenous knowledge: the case of indigenous vegetables in Uganda. Cum laude.*

Ms RO Maluke (April 2004) Thesis title: *Science and technology policies and structures in Southern Africa: a discussion of the concept of national system of innovation with reference to Malawi, Namibia and South Africa.*

Mrs G McLean-Anderson (April 2004) Thesis title: *A critical evaluation of the research experiences of master and doctoral students at Technikon Natal*

Ms RN Morojele (April 2004) Thesis title: *Determining the attitudes/perceptions of retrenched Lesotho migrant labourers from the RSA mining industries regarding education using their career life histories. Cum laude.*

Mr VJJ Nkonki (April 2004) Thesis title: *Out of school scientific experiences of grade 11 learners, as indicators of their interests, public understanding and engagement with science*

Mr BK Sedumedi (April 2004) Thesis title: *Organisational and industrial practice in the steel industry: A sociology of science study*

Mr FG Tsibani (April 2004) Thesis title: *Waters services education and training needs of councillors in Northern Cape local authorities*. Supervisor: Prof CJ Groenewald, co-supervisor: Prof J Mouton.

Ms AJ Fourie (April 2005) Thesis title: *Brain drain and brain circulation: A study of South Africans in the United Arab Emirates*

Mrs A Fredericks (April 2005) Thesis title: *Putting indigenous knowledge on the science policy agenda in South Africa, 1994-2002*

Mr T Kulati (April 2005) Thesis title: *Research utilisation in policymaking: a case study of the Education Policy Unit at the University of the Western Cape*

Mrs MB Williams (April 2005) Thesis title: *A comparative analysis of Science and Technology Policies of three countries and its relevance to Lesotho*

Ms TN Holmes-Watts (2007) Thesis title: *Contribution of participatory forest management (PFM) to the socio-economic development in the Southern Cape Forest: A Retrospective Approach*. MPhil Social Science Methods. 120 pp. Supervisor: Groenewald CJ, co-supervisor: Mouton, J.

Ms D Laugksch (2007) Thesis title: *Studying science and engineering at UCT: Students' background, school experience and reasons for studying science or engineering*. MPhil Social Science Methods. 98 pp. Supervisor: Mouton J.

Ms AGJ Loots (2007) Thesis title: *The Stellenbosch University Student Mentor Programme: An Evaluation Study*. MPhil Social Science Methods (cum laude). 252 pp. Supervisor: Mouton J.

Ms N Vutula (March 2009). Thesis title: *The scope and functionality of the National Innovation Competition as an instrument to promote academic entrepreneurship in South Africa*. Supervisor: Prof J Mouton.

Ms C Mouton (December 2010). Thesis title: *The state of program evaluation in South Africa*.

Mrs CS Hart (March 2010). Thesis title: *An analysis of the effectiveness of a faith based model for orphan care in the Western Cape*.

Mr AP Kyeyune (March 2010). Thesis title: *A case study of the influence of the evaluation context on the adoption of Mixed Research approaches in Program evaluation practices*.

Mr P Mokotedi (March 2010). Thesis title: *Methodological challenges in the measurement of police cynicism: A critique of the Neiderhoffer Police Cynicism Scale as applied in the (SAPS)*.

Mrs CM Schier (March 2010). Thesis title: *Qualitative internet research: its objectives, methods and ethical challenges.*

Mr MP Moleko (March 2011). Thesis title: *Influence and originality in M. Q. Patton's utilization-focused evaluation.*

Ms M Ritter (Dec 2012) Thesis title: *A review of causes for the relative unequal participation of women in science, engineering and technology and initiatives*

Ms NMA Van der Waag-Cowling (March 2013) Thesis title: *A Study of Research in the Faculty of Military Science, Stellenbosch University 1990-2009*

Mrs L Chemaly (December 2013). Thesis title: *A meta-evaluation of models and frameworks used by Development Finance Institutions to assess their development impact.*

Dr C Chipunza (December 2013). Thesis title: *Ethics reporting in African health impact evaluation studies: an evaluative analysis.*

Mr GA Komakech (December 2013). Thesis title: *Conceptual Model for a Programme Monitoring and Evaluation Information System.*

Mr T Nyawasha (December 2013). Thesis title: *Is it 'Mainstreaming' or 'Institutionalisation'? : The Acceptance and Use of Monitoring and Evaluation Practice in South Africa's Public Sector.*

Mrs HR Williams (December 2013). Thesis title: *Leratong Hospice: Strategic Objective 2.*

Ms L Harris (March 2013). Thesis title: *Africa Health Placements: Foreign recruitment programme.*

Mr AE Mphunga (March 2013). Thesis title: *A critical review of health impact evaluation studies: implications for future evaluation studies.*

Ms W Mushandikwa (March 2013). Thesis title: *Process evaluation of the Community Driven Recovery and Development Programme.*

Dr YY Nair (March 2013). Thesis title: *A Process Evaluation of 'Save the Children KwaZulu-Natal's' ECD Forum Programme.*

Ms N Mkhize (December 2014). Thesis title: *A process evaluation of Thuthukisa Abantulayo HIV/AIDS Prevention and Control Programme operating at KwaCeza- Ulundi sub district in KZN province.*

Mrs SK Amukena (April 2014). Thesis title: *Process evaluation of the Sikondo Agriculture Project (green scheme) in Namibia.*

Ms A Emmett (April 2014). Thesis title: *Outcomes Evaluation of the Cape Flats Outdoor Classroom Programme (2010-13) of the Schools' Environmental Education and Development (SEED) programme. M.Phil Monitoring and Evaluation cum laude.*

Ms M Fanadzo (April 2014). Thesis title: *Process evaluation of implementation and success of the South Africa Education and Environment Project (SAEP)'s Tertiary Support Program (TSP) in improving the retention and completion rates of its participants.*

Ms NN Mthembu (April 2014). Thesis title: *Inclusive Education implemented at Ekuthokozeni FSS.*

Mr P Mupa (April 2014). Thesis title: *An evaluation of community participation in Water, Sanitation and Hygiene (WASH) project, following a Participatory Health and Hygiene Education (PHHE) intervention in Insiza District of Matabeleland South Province of Zimbabwe.*

Mr MLM Myburgh (April 2014). Thesis title: *Review of the SSR HBC & OVC programmes supported by the National Religious Association for Social Development's Round 9 Global Fund Grant.*

Mr P Ramollo (April 2014). Thesis title: *Towards positive living: Process evaluation of Antiretroviral (ARV) adherence sessions delivered in the context of group counselling to HIV positive patients at Tsepong ART Clinic – Motebang Hospital. M.Phil Monitoring and Evaluation.*

Ms N Mkhize (December 2014). Thesis title: *A process evaluation of Thuthukisa Abantulayo HIV/AIDS Prevention and Control Programme operating at KwaCeza- Ulundi sub district in KZN province. Co-supervisor*

JK Anoku (March 2017). Thesis title: *Towards Science Utilisation: A Survey Analysis of the Utilisation of Research at the University of Ghana*

D Atwine (March 2017). Thesis title: *Research career aspirations: magnitude, predictors and perceptions of science-oriented undergraduate students at Mbarara University, Uganda.*

JA Hendricks (December 2017). Thesis title: *Developing a funding acknowledgement typology for South African publications in the Web of Science*

T Naidoo-Swettenham (December 2017). Thesis title: *Understanding the enabling factors, instruments and role of the intermediary in supporting innovation: Case study in Botswana*

PM Nyamukachi (December 2017). Thesis title: *Funding science in Africa: a bibliometric analysis of research funding investments by the National Institutes of Health and the Wellcome Trust in sub-Saharan Africa for the period 2000-2016*

## External supervisor

I have acted and still act as external examiner and supervisor for courses and students at:

- North-West University

- University of Cape Town
  - University of the Free State
  - University of Johannesburg
  - University of KwaZulu-Natal
  - University of Limpopo
  - University of Pretoria
  - University of South Africa
  - University of the Western Cape
-