

DR NELIUS BOSHOFF

CURRICULUM VITAE

(last updated: 19 January 2015)

CONTACT PARTICULARS

Centre for Research on Evaluation, Science and Technology (CREST)
Stellenbosch University, Private Bag X1, Matieland, 7602

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PERSONAL PARTICULARS

Full names : Stephanus Cornelius

Gender : Male

Nationality : South African

QUALIFICATIONS

2013 : PhD (Science and Technology Studies), Stellenbosch University

1995 : MA (Research Psychology) *Cum Laude*, Stellenbosch University

1991 : BA Honours (Psychology) *Cum Laude*, Stellenbosch University

1990 : BA (Psychology and Sociology), Stellenbosch University

ACADEMIC ACHIEVEMENTS

2014 : Rector's Award for General Performance, Stellenbosch University

2013 : Rector's Award for General Performance, Stellenbosch University

2012 : Rector's Award for Service Excellence, Stellenbosch University

2010 : Rector's Award for Research Excellence, Stellenbosch University

1997 : Award for best Masters Student in Research Psychology, Stellenbosch University,
for the period 1995-1997

EMPLOYMENT

Employer : Centre for Research on Evaluation, Science and Technology, Stellenbosch
University¹

Position (3) : Senior Lecturer
(As of 1 July 2013)

Position (2) : Senior Researcher / Lecturer – Permanent
(1 June 2009 to 30 June 2013)

Position (1) : Research Assistant / Researcher / Senior Researcher – Contract
(1 February 1998 to 31 May 2009)

Employer : Unit for Clinical Psychology, Stellenbosch University
Position : Research Consultant
(1 June 1996 to 31 December 1996)

Employer : Institute for Futures Research, Stellenbosch University
Position : Research Assistant in Demography
(1 June 1995 to 31 December 1995)

Employer : Unit for Clinical Psychology, Stellenbosch University
Position : Intern Research Psychologist
(4 January 1993 to 24 December 1993)

¹ The Centre for Research on Evaluation, Science and Technology (CREST) was previously known (until June 2010) as the Centre for Research on Science and Technology (also CREST), and before that (until September 2003) as the Centre for Interdisciplinary Studies (CENIS).

RESEARCH OUTPUT²

PhD Dissertation

Boshoff, N. 2013. *Knowledge utilisation in the South African wine industry*. Unpublished PhD dissertation, Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

Articles in Peer Reviewed Journals (All DHET approved) (Total: 13)

Mouton, J., **Boshoff, N.** & James, M. (Accepted for publication). A survey of doctoral supervisors in South Africa. *South African Journal of Higher Education*.

Boshoff, N. 2014. Types of knowledge in science-based practices. *JCOM: Journal of Science Communication*, 13(03), A06.

Boshoff, N. 2014. Use of scientific research by South African winemakers. *JCOM: Journal of Science Communication*, 13(01), A01.

Prozesky, H. & **Boshoff, N.** 2012. Bibliometrics as a tool for measuring gender-specific research performance: An example from South African invasion ecology. *Scientometrics*, 90, 383-406.

Boshoff, N. & Treptow, R. 2011. Promotion of biotechnology amongst students by university departments in South Africa. *South African Journal of Higher Education*, 25(4), 643-659.

Boshoff, N. 2010. South-South research collaboration of countries in the Southern African Development Community (SADC). *Scientometrics*, 84(2), 481-503.

Boshoff, N. 2009. Shanghai Academic Ranking of World Universities (ARWU) and the 'big five' South African research universities. *South African Journal of Higher Education*, 23(4), 635-655.

Boshoff, N. 2009. Neo-colonialism and research collaboration in Central Africa. *Scientometrics*, 81(2), 413-434.

Mouton, J. & **Boshoff, N.** 2008. A bibliometric profile of Law journals in South Africa. *De Jure*, 2008(3), 596-615.

Tijssen, R., Mouton, J., Van Leeuwen, T. & **Boshoff, N.** 2006. How relevant are local scholarly journals in global science? A case study of South Africa. *Research Evaluation*, 15(3), 163-175.

Boshoff, N. 2005. The representation of women academics in higher education in South Africa: Progress in the pipeline? *South African Journal of Higher Education*, 19(2), 359-377.

Boshoff, S.C., Van der Merwe, A.P., Kotzé, H.F. & Van Rooyen, J.W. 1998. Marital or relationship stressors and parents' worries about children in the community of Kayamandi, Stellenbosch. *Social Work/Maatskaplike Werk*, 34(4), 406-411.

Sennett, E., Meyer, J.C., **Boshoff, S.C.** & Burger, L. 1997. Fields of interest and values of a group of student voluntary community workers. *Social Work/Maatskaplike Werk*, 33(1), 81-88.

Papers Presented at Conferences (Total: 7)

Boshoff, N. 2014. Mapping the categories and overlapping roles of stakeholders in university research in Nigeria and South Africa. Paper presented at the *XVIII ISA World Congress of Sociology*, Pacifico Yokohama, Yokohama, Japan (13-19 July 2014).

Boshoff, N. 2013. Integrating practical and factual knowledge of South African winemakers. Paper presented at the *Fifth International Conference on Science in Society*, Copernicus Science Centre, Warsaw, Poland (22-23 November 2013).

² Initially I used *S.C. Boshoff* as my author name. In 2001 it was changed to *N. Boshoff*.

Boshoff, N. 2010. Scientific research use and sources of knowledge amongst South African winemakers. Paper presented at the *Second International Conference on Science in Society*, Carlos III University, Madrid, Spain (11-13 November 2010).

Prozesky, H. & **Boshoff, N.** 2010. Bibliometrics as a tool for measuring gender-specific research performance: An example from South African invasion ecology. Paper presented at the *Second International Conference on Science in Society*, Carlos III University, Madrid, Spain (11-13 November 2010).

Boshoff, N. 2008. Intra-regional and international research collaboration of Central African countries. Paper presented at the *Joint 4S-EASST Conference*, Erasmus University, Rotterdam, the Netherlands (20-23 August 2008).

Boshoff, N. 2005. Lactic acid bacteria and winemaking: The fermentation of university-produced knowledge into practice. Paper presented at the *Annual Conference of the South African Sociological Association*, University of Limpopo, Polokwane, South Africa (26-29 June 2005).

Boshoff, N. 2004. Patents and knowledge production, dissemination and utilisation: A case study of research projects in South Africa. Paper presented at the *Joint 4S-EASST Conference*, Ecole des Mines, Paris, France (25-28 August 2004).

Other Presentations (Total: 9)

Boshoff, N. 2014. *The postdoctoral landscape in South Africa with specific reference to the postdoctoral experience*. Presentation given at the SARIMA Capacity Building Breakaway for Postdocs, STIAS, Stellenbosch (22 September 2014).

Boshoff, N. 2013. *After the postdoc – The experiences of past postdoctoral fellows at South African universities*. Presentation given at the Research Directors Forum, the Wallenberg Conference Centre, STIAS, Stellenbosch (11 October 2013).

Boshoff, N. 2013. *Knowledge utilisation and research-based factual knowledge versus practical knowledge of South African winemakers*. Plenary speaker at the 3rd Wine Science Research Day hosted by the Department of Viticulture and Oenology and the Institute for Wine Biotechnology, Stellenbosch University (25 June 2013).

Boshoff, N. 2013. *Sources of knowledge of South African winemakers*. Presentation given at a meeting of the Technology Transfer Committee of the Wine Industry Network for Expertise and Technology (Winetech), ARC Infruitec-Nietvoorbij, Stellenbosch (14 May 2013).

Boshoff, N. 2013. *Research budgeting*. Presentation given at a seminar for PhD students in the Partnership for Africa's Next Generation of Academics (PANGeA), Faculty of Arts and Social Sciences, Stellenbosch University (6 March 2013).

Boshoff, N. 2012. *Research publications of HERANA universities*. Presentation given at a meeting of the Higher Education Research and Advocacy Network in Africa (HERANA), Vineyard Hotel, Cape Town (30 November 2012).

Boshoff, N. 2005. *Reflections on the study of research collaboration, with special reference to university-industry relationships*. Presentation given at a workshop on university, business and industry partnerships, Central University of Technology, Bloemfontein (24 May 2005).

Boshoff, N. 2005. *Reflections on the study of research collaboration*. Presentation given at CREST M&D Colloquium, Protea Hotel, Stellenbosch (14 March 2005).

Boshoff, N. 2000. *South African science in transition. The view from below: A survey of research establishments*. Presentation given at the Institut de Recherches pour le Developpement (IRD), Paris, France (29 September 2000).

Contribution in Book (Total: 1)

Babbie, E. & Mouton, J. (eds), with contributions by Vorster, J., Payze, C., **Boshoff, N.** & Prozesky, H. 2001. *The Practice of Social Research*. Cape Town: Oxford Publishers.

Chapters in Collections (Total: 8)

Boshoff, N. & Bosch, A. 2012. "Women in South African academia – A statistical profile". Chapter 3 (pp. 12-20) in *The SABPP Women's Report 2012*, by A Bosch (ed). Johannesburg: South African Board for People Practices.

Mouton, J. & **Boshoff, N.** 2010. "Bibliometric analysis of scientific output". Chapter 5 (pp. 86-134) in *African Innovation Outlook 2010*. Pretoria: New Partnership for Africa's Development (NEPAD). (ISBN 978-1-920550-45-5)

Boshoff, N. & Mouton, J. 2010. "Regional perspectives on engineering: Africa". Section 5.2 (pp. 208-210) in *Engineering: Issues, Challenges and Opportunities for Development*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO). (ISBN 978-92-3-104156-3)

Mouton, J. & **Boshoff, N.** 2010. "Transformation of national science and engineering systems: South Africa". Section 4.5.4.2 (pp. 181-184) in *Engineering: Issues, Challenges and Opportunities for Development*. Paris, France: United Nations Educational, Scientific and Cultural Organization (UNESCO). (ISBN 978-92-3-104156-3)

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). (ISBN 978-0-9814099-3-1)

Mouton, J., **Boshoff, N.** & Tijssen, R. 2006. "A comprehensive analysis of South African journals". Chapter 3 (pp. 29-59) in *Report on a Strategic Approach to Research Publishing in South Africa*. Pretoria: Academy of Science of South Africa. (ISBN 0-620-36105-0)

Boshoff, N. & Mouton, J. 2003. "Science policy indicators". Chapter 9 (pp. 208-233) in *Human Resources Development Review 2003: Education, Employment and Skills in South Africa*, by A Kraak & H Perold (eds). Cape Town: HSRC Press and East Lansing: Michigan State University Press. (ISBN 0-7969-2049-4)

Mouton, J. & **Boshoff, N.** 2002. "Research capacity and collaboration". Chapter 4 (pp. 69-102) in: *Strategic Co-operation Scenarios: Post-school Education in the Eastern Cape*, by P. Pillay & N. Cloete (eds). Pretoria: Centre for Higher Education Transformation. (ISBN 1-919833-32-3)

Research Reports and Contributions to Research Reports (Total: 81)

(a) Research reports with individual authors/contributors listed

Boshoff, N. 2014. *Science granting councils in Sub-Saharan Africa: Country report for Zambia*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

Boshoff, N. 2014. *Science granting councils in Sub-Saharan Africa: Country report for Zimbabwe*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

Mouton, J., **Boshoff, N.**, James, M, Lorenzen, L. & Treptow, R. 2010. *Electronic knowledge resources for university research and scholarship*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

Boshoff, N. 2010. *Cross-National Higher Education Performance Indicators: ISI Publication Output Figures for 16 Selected African Universities*. Paper prepared for the Higher Education Research and Advocacy Network in Africa (HERENA), Centre for Higher Education Transformation (CHET), South Africa.

Boshoff, N., James, M., Mouton, J. & Treptow, R. 2010. *Survey of the out-of-class experiences of Stellenbosch University students*. Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

- Mouton, J. & **Boshoff, N.** 2008. *A bibliometric study of the state of health research in South Africa*. Centre for Research on Science and Technology (CREST), Stellenbosch University.
- Boshoff, N.** 2007. *The Republic of Malawi*. Science and technology country profile produced for the Study on National Research Systems, UNESCO Forum on Higher Education, Research and Knowledge.
- Boshoff, N.** 2007. *The Republic of Uganda*. Science and technology country profile produced for the Study on National Research Systems, UNESCO Forum on Higher Education, Research and Knowledge.
- Boshoff, N.** & Kleiche, M. 2007. *The Science and Technology System of the Kingdom of Morocco*. Science and technology country profile produced for the Study on National Research Systems, UNESCO Forum on Higher Education, Research and Knowledge.
- Mouton, J., **Boshoff, N.**, Kulati, T. & Teng-Zeng, F. 2007. *Scientific mobility and the African Diaspora*. Centre for Research on Science and Technology (CREST), Stellenbosch University.
- Boshoff, N.** & Mouton, J. 2006. *A profile of researchers and research production in health research in South Africa*. Centre for Research on Science and Technology, Stellenbosch University.
- Mouton, J., **Boshoff, N.** & Loots, G. 2006. *The post-doctoral system at Stellenbosch University*. Centre for Research on Science and Technology, Stellenbosch University.
- Mouton, J. & **Boshoff, N.** 2005. *Investigation into the Stellenbosch University trademark*. Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** 2005. Lactic acid bacteria and winemaking. Case study 1 (pp. 15-87) in: *The dynamic of knowledge production and utilisation: Fifteen case studies*, by T. Bailey (ed). Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** 2005. Running a collaborative research project as a shareholding company. Case study 5 (pp. 200-241) in: *The dynamic of knowledge production and utilisation: Fifteen case studies*, by T. Bailey (ed). Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** 2005. Sequence Tag Alignment and Consensus Knowledgebase. Case study 3 (pp. 145-168) in: *The dynamic of knowledge production and utilisation: Fifteen case studies*, by T. Bailey (ed). Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** & Mouton, J. 2005. *A survey of research utilisation*. Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** 2004. Human resources. Section D (pp. 71-93) in: *Women in science, engineering and technology in South Africa*, by T. Bailey (ed). Centre for Research on Science and Technology, Stellenbosch University.
- Boshoff, N.** 2004. Funding allocations and scientific rating. Section G (pp. 121-139) in: *Women in science, engineering and technology in South Africa*, by T. Bailey (ed). Centre for Research on Science and Technology, Stellenbosch University.
- Mouton, J., **Boshoff, S.C.** & Bailey, T.G. 2002. *The promotion of S&T capacity in South Africa*. Centre for Interdisciplinary Studies, Stellenbosch University.
- Mouton, J. & **Boshoff, S.C.** 2001. *South African science in transition*. Centre for Interdisciplinary Studies, Stellenbosch University.
- Boshoff, S.C.**, Grebe, E., Mouton, J., Ravat, E., Ravjee, N. & Waast, R. 2000. *Science in South Africa: History, institutions & statistics*. Centre for Interdisciplinary Studies, Stellenbosch University.
- Boshoff, N.** & Mouton, J. 2000. *Taal- en kommunikasievaardighede van studente aan die Universiteit van Stellenbosch: 'n Behoeftebepaling*. Centre for Interdisciplinary Studies, Stellenbosch University.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the South African population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 26.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Western Cape population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 27.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Northern Cape population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 28.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Eastern Cape population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 29.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Free State population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 30.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the North-West population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 31.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Gauteng population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 32.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Northern Province population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 33.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the Mpumalanga population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 34.

Haldenwang, B.B. & **Boshoff, S.C.** 1996. *Forecasts of the KwaZulu/Natal population, 1991-2026*. Bellville: Institute for Futures Research, Stellenbosch University. Occasional Paper No 35.

Boshoff, S.C. 1995. Population growth and sustainable development. *Business Futures Bulletin*, 2(2). Bellville: Institute for Futures Research, Stellenbosch University.

Boshoff, S.C., Van der Merwe, A.P., Van Rooyen, J.W. & Kotzé, H.F. 1993. *Die sosiaal-sielkundige probleme van die inwoners van Kaya Mandi, Stellenbosch*. Department of Psychology and Unit for Clinical Psychology, Stellenbosch University.

(b) Research reports attributed to organisations – individual authors/contributors are not listed but I contributed significantly to each of these

CREST 2014. *Bibliometric profile of the state of energy research in South Africa*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Brazil*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and China*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and France*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and India*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Italy*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Japan*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Norway*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Russia*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and South Korea*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and Switzerland*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and the United Kingdom*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2014. *Bibliometric profile of research collaboration: South Africa and the United States*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

CREST 2013. *Impact assessment of the Innovation Postdoctoral Fellowship Programme*. Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.

ASSAf 2012. *The state of women in science and technology in Swaziland: Results of a survey*. Academy of Science of South Africa (ASSAf), Pretoria.

WISAT/OWSD 2012. *National Assessments on Gender Equality in the Knowledge Society: Gender in science, technology and innovation*. A joint initiative of Women in Global Science and Technology (WISAT) and the Organization for Women in Science for the Developing World (OWSD), supported by the futureInnovate.net software platform and the Elsevier Foundation.

CREST 2010. *Tracer study of university graduates in the Social Sciences, Humanities & Arts*. Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

CREST 2010. *A bibliometric profile of research at the Walter Sisulu University for Technology and Science*. Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

CREST 2010. *A bibliometric profile of research at the Cape Peninsula University of Technology*. Centre for Research on Evaluation, Science and Technology, Stellenbosch University.

CREST 2010. *A bibliometric profile of research at the University of Limpopo*. Centre for Research on Science and Technology, Stellenbosch University.

SAASTA 2010. *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).

CREST 2010. *A bibliometric profile of research at the University of Venda for Science and Technology*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2009. *A bibliometric profile of research at the University of Zululand*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2009. *Doctoral students in South Africa: A statistical profile based on HEMIS data*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2009. *Study on the Scarce Skills Development Fund (SSDF) of the NRF*. Centre for Research on Science and Technology, Stellenbosch University.

CHE 2009. *Postgraduate studies in South Africa: A statistical profile*. Higher Education Monitor No 7, Council on Higher Education, Pretoria.

CREST 2009. *A bibliometric profile of research at the University of Johannesburg*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2009. *A bibliometric profile of research at the University of Cape Town*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2009. *A bibliometric profile of research at North-West University*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2008. *A bibliometric profile of research at the University of KwaZulu-Natal*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2008. *A bibliometric profile of research at the University of South Africa*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2008. *A bibliometric profile of research at the University of Fort Hare*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2008. *Books as research publications*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2007. *A bibliometric profile of research at the University of the Western Cape*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2007. *Durban University of Technology (DUT): A research profile*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2007. *Human capital and the South African knowledgebase*. Centre for Research on Science and Technology, Stellenbosch University, in partnership with the Centre for Science and Technology Studies (CWTS), University of Leiden in the Netherlands.

CREST 2007. *The Tshwane University of Technology (TUT): A research profile*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2007. *A bibliometric profile of research at the University of Pretoria*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2006. *Tracking public R&D expenditures: A bibliometric profile of South African output*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2006. *A bibliometric profile of research at the University of the Free State*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2006. *A bibliometric profile of research at the University of the Witwatersrand*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2006. *The Vaal University of Technology (VUT): A research profile*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2005. *A monitoring and evaluation framework to benchmark the performance of women in the NSI*. Centre for Research on Science and Technology, Stellenbosch University.

CREST 2004. *Research at the University of Stellenbosch: A bibliometric study*. Centre for Research on Science and Technology, Stellenbosch University.

NACI 2003. *A profile of postgraduate higher education and the academic research community in South Africa*. National Advisory Council on Innovation, Pretoria.

NACI 2002. *South African science and technology: Key facts and figures 2002*. National Advisory Council on Innovation, Pretoria.

Popular Contributions / Science Communication (Total: 10)

- Boshoff, N.** 2014. Knowledge in practice (Part 1): External sources of knowledge of winemakers. *WineLand*, March 2014, No. 295.
- Boshoff, N.** 2014. Knowledge in practice (Part 2): Experience, personal knowledge and fellow winemakers: three knowledge sources that winemakers highly value. *WineLand*, April 2014, No. 296.
- Boshoff, N.** 2014. Knowledge in practice (Part 3): Winemakers and intuition. *WineLand*, May 2014, No. 297.
- Boshoff, N.** 2014. Knowledge in practice (Part 4): Three types of use of scientific research findings. *WineLand*, June 2014, No. 298.
- Boshoff, N.** 2014. Knowledge in practice (Part 5): Profile of winemakers who are seen as opinion leaders. *WineLand*, July 2014, No. 299.
- Boshoff, N.** 2014. *Prof Sheunesu Mpepereki: Pulling out all the stops for the sake of worthwhile science*. DRUSSA Blogs @ www.drussa.net, 19 February 2014.
- Boshoff, N.** 2013. *Muscles and bling*. DRUSSA Blogs @ www.drussa.net, 4 December 2013.
- Boshoff, N.** 2013. *Mama Scientist's dancing daughter*. DRUSSA Network News, Vol 2, No 2, October 2013.
- Boshoff, N.** 2013. *Practitioners are alive and well on Planet P*. DRUSSA Community News, Vol 2, No 2, August 2013.
- Boshoff, N.** 2013. *Winemakers, trains and knowledge*. DRUSSA Network News, Vol 2, No 1, June 2013.

TEACHING EXPERIENCE AT TERTIARY LEVEL

- 2012-2014 : Teaching parts of various modules in the M.Phil. and PhD in Science and Technologies Studies, Stellenbosch University (e.g. Research Impact, Science Utilisation)
- 2012-2014 : Teaching *Statistics for Evaluation* and part of *Indicators and Measurement* and *Data Collection and Data Management for Evaluation* to students enrolled for M.Phil. in Monitoring and Evaluation, Stellenbosch University
- 2006-2013 : Introduction to *Quantitative Data Analysis* to students enrolled for a Postgraduate Diploma in Monitoring and Evaluation at the Centre for Research on Evaluation, Science and Technology (CREST), Stellenbosch University.
- 2001-2008 : *Introductory Social Statistics using SPSS* to postgraduate students at the Department of Sociology and Social Anthropology, Stellenbosch University.
- 2003 : *Data Management and Data Analysis with SPSS* to masters and doctoral students in Social Sciences Research Methods at the Department of Sociology and Social Anthropology, Stellenbosch University.
: *Psychometrics* for Honours Psychology at the Department of Psychology, Stellenbosch University.
- 2000 : *Survey Methodology* to masters and doctoral students in Social Sciences Research Methods at the Department of Sociology, Stellenbosch University.
- 1999-2000 : *Measurement, Reliability and Construct Validity* to masters and doctoral students in Social Sciences Research Methods at the Department of Sociology, Stellenbosch University.
- 1996-2000 : *Psychological Research* for Psychology III at the Western Cape Learning Centre, University of South Africa.
- 1997-2000 : *Industrial Psychological Research* for Industrial Psychology II at the Western Cape Learning Centre, University of South Africa.

- 1997 : *Research Methodology, Statistics and Psychometry* for Psychology III at the Medical Campus of Stellenbosch University.

FUNDING AWARDS (AS GRANTHOLDER / PRINCIPAL INVESTIGATOR)

- 2014 : Funding from the Medical Research Council (MRC) – three-month research study to generate a *Bibliometric Profile of Health Research in South Africa* (Grand value: R144 217)
- 2014-2016 : NRF funding programme for Competitive Support for Unrated Researchers (CSUR) – three year research grant (2014-2016) to study the *Societal Impact of Research through the Lens of Boundary Work* (Grand value: R206 600)
- 2015 : Funding from the Oil and Protein Seeds Development Trust – one year research grant to study the *Dynamics of Research Uptake by South African Oilseeds Producers* (Grand value: R149 668)

POSTGRADUATE SUPERVISION (4 PhD, 9 Masters)

Student : Ms Dorothy Ngila
 Title of dissertation : *African academies of science as health science advisers: the case of Nigeria, South Africa and Uganda*
 Programme : PhD in Science and Technology Studies
 Year of first registration : 2015
 Status : First year of PhD
 My role : Supervisor

Student : Mrs Khalipa Ramahlape
 Title of dissertation : *The societal impact of health research funded by the South African Medical Research Council (SAMRC)*
 Programme : PhD in Science and Technology Studies
 Year of first registration : 2014
 Status : Second year of PhD
 My role : Supervisor

Student : Mrs Mhitshane Reetsang
 Title of dissertation : *Assessing the influence of research on national policy: the case of research by the University of Botswana*
 Programme : PhD in Science and Technology Studies
 Year of first registration : 2014
 Status : Second year of PhD
 My role : Supervisor

Student : Ms Monica Morrison
 Title of dissertation : *Communicating biodiversity: the uptake of wildlife population research data in northern Botswana*
 Programme : PhD in Science and Technology Studies
 Year of first registration : 2013
 Status : Third year of PhD
 My role : Supervisor

Student : Dr Akanmu Moses
 Title of research report : *Publication output of Obafemi Awolowo University, Ile-Ife, Nigeria: A comparison of Scopus and Web of Science*
 Programme : M.Phil. in Science and Technology Studies
 Year of first registration : 2014
 Status : Second year of M.Phil.
 My role : Supervisor

Student	: Dr Annabella Basaza
Title of research report	: <i>Research collaboration at Mbarara University in Uganda</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2014
Status	: Second year of M.Phil.
My role	: Supervisor
Student	: Mr Frank Mazibuko
Title of research report	: <i>The South Africa-Kenya Bilateral S&T Cooperation Programme: benefits to participating students</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Dr Damaris Mbui
Title of research report	: <i>Research Utilisation at the University of Nairobi, Kenya</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Mr Samuel Mutarindwa
Title of research report	: <i>Utilisation of research results produced by academic staff at the College of Science and Technology, the University of Rwanda</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Mr Theogene Nyandwi
Title of research report	: <i>Utilisation of research results produced by academic staff at the College of Medicine and Health Sciences, the University of Rwanda</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Dr Eme Owoaje
Title of research report	: <i>Research Utilisation at Ibadan University, Nigeria</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Dr Frederick Owusu-Nimo
Title of research report	: <i>Research collaboration at Kwame Nkrumah University of Science and Technology, Ghana</i>
Programme	: M.Phil. in Science and Technology Studies
Year of first registration	: 2013
Status	: Third year of M.Phil.
My role	: Supervisor
Student	: Mrs Simone Kakane
Title of research report	: <i>The politics of scientific collaboration and S&T visibility in Africa: Kenya and Zambia</i>
Programme	: M.Phil. in Social Sciences Methods
Year of first registration	: 2008
Status	: Eight year of M.Phil.
My role	: Supervisor (“Inherited” student in 2013 from her previous supervisor)

WORKSHOPS PRESENTED

- 2012-2015 : *Basic Statistics and Data Analysis using SPSS* to participants in the African Doctoral Academy (Summer and Winter Schools in Research Methods) at Stellenbosch University.
- 2011 : *Basic Data Analysis using Excel* for Line Managers at the Stellenbosch University Library.
Introduction to Statistics using SPSS to participants in the African Doctoral Academy (Summer School in Research Methods) at Stellenbosch University.
: *Quantitative Research Methods* to participants in a short course organised by the Institute for Monitoring and Evaluation (IME) at the University of Cape Town.
: Training in *Microsoft Excel 2007 as a Research Tool*, for the Western Cape Department of Economic Development and Tourism, South Africa.
: Training in *Microsoft Excel 2007 as a Research Tool*, for delegates from the Bloemfontein Campus of the Central University of Technology, South Africa.
: Training in *Microsoft Excel 2007 as a Research Tool*, for delegates from the Welkom Campus of the Central University of Technology, South Africa.
- 2010 : Training in *Quantitative Data Analysis using Excel*, for the Tanzania Commission for Universities (TCU), in Dar es Salaam, Tanzania.
- 2009 : Training in *Microsoft Excel as a Tool for Monitoring and Evaluation (M&E) and Research*, for the Gauteng Department of Education, South Africa.
: Training in *Questionnaire Design and Sampling*, for Monitoring and Evaluation officials from various departments within the Gauteng Provincial Government, South Africa.
: Training in *Quantitative Data Analysis using SPSS*, for Monitoring and Evaluation officials from various departments within the Gauteng Provincial Government, South Africa.
- 2008 : Training in *Quantitative Data Analysis using SPSS*, for Carnegie Foundation grant holders from Obafemi Awolowo University in Ile-Ife, Nigeria.
: Training in *Quantitative Data Analysis using SPSS*, for Carnegie Foundation grant holders from the University of Jos, in Jos, Nigeria.
: Training in *Quantitative Data Analysis using SPSS*, for Carnegie Foundation grant holders from the University of Education, Winneba, in Agona-Swedru, Ghana.
: Training in *Quantitative Data Analysis using SPSS*, for Carnegie Foundation grant holders from Makerere University in Kampala, Uganda.
: Training in *Questionnaire Design*, for the Western Cape Department of Cultural Affairs and Sports, South Africa.
: Training in *Microsoft Access as Tool for Monitoring and Evaluation (M&E) and Research*, for the Western Cape Department of Cultural Affairs and Sports, South Africa.
: Training in *Microsoft Access as a Tool for Monitoring and Evaluation (M&E) and Research*, for the Gauteng Department of Education, South Africa.
- 2007 : Training in *Questionnaire Design*, for Carnegie Foundation grant holders from the Universities of Jos and Obafemi Awolowo, in Abuja, Nigeria.

- : Training in *Questionnaire Design*, for Carnegie Foundation grant holders from the University of Education in Winneba (UEW), in Winneba, Ghana.
- : Training in *Quantitative Data Analysis using Excel*, for Carnegie Foundation grant holders from the University of Obafemi Awolowo, in Ibadan, Nigeria.
- : Training in *Quantitative Data Analysis using Excel*, for Carnegie Foundation grant holders from the University of Jos, in Abuja, Nigeria.
- : Training in *Quantitative Data Analysis using Excel*, for Carnegie Foundation grant holders from the University of Education in Winneba (UEW), in Winneba, Ghana.
- : Training in *Quantitative Data Analysis using SPSS*, for Carnegie Foundation grant holders from the University of Dar es Salaam, Tanzania.
- 2006 : A workshop on *Data Manipulation and Elementary Data Analysis using SPSS*, for staff at the South African National Research Foundation (NRF). (Staff from the NRF Evaluation Centre and South African Agency for Science and Technology Advancement – SAASTA.)
- : Training in *Questionnaire Design*, for Carnegie Foundation grant holders from the University of Dar es Salaam, Tanzania.
- : Training in *Questionnaire Design*, for Carnegie Foundation grant holders from Makerere University in Kampala, Uganda.
- : Training in *Quantitative Data Analysis using Excel*, for Carnegie Foundation grant holders from the University of Dar es Salaam, Tanzania.
- : Training in *Quantitative Data Analysis using Excel*, for Carnegie Foundation grant holders from Makerere University in Kampala, Uganda.
- 2005 : Training in the *Manipulation and Analysis of HEMIS Data* for the database technician at the South African Council for Higher Education (CHE)
- 2004 : A workshop on *Data Analysis using SPSS*, for the Faculty of Health at the Durban Institute of Technology, South Africa.
- 2003/2004 : Workshops on *Data Manipulation and Analysis using Microsoft Access, Excel and SPSS*, for the Gauteng Department of Education, South Africa.
- 2003 : A workshop on *Data Analysis using SPSS*, for the CHESP (Community, Higher Education & Service Provider Partnership) project of the Joint Education Trust, South Africa.
- 2002 : A workshop on *Microsoft Access as a Research Tool*, for the Research Capacity Initiative of the South African-Netherlands Research Programme on Alternatives in Development (SANPAD).
- 2001 : A workshop on *Microsoft Access as a Tool for Social Research*, for the Budget Information Unit at IDASA, South Africa.
- 2000 : Training in data management in *Educational Programme Evaluation*, as part of a series of workshops for the South African National and Provincial Departments of Education, sponsored by the European Union.
- : A workshop on *Constructing Questions and Questionnaires; Data Capturing in Microsoft Access; and Elementary Data Analysis* for staff and students at the Cape Technikon, South Africa.
- 1999 : In-service training in *Microsoft Access* and *SPSS* to staff at the Primary Open Learning Pathway Trust (POLP). The latter is an educational NGO with a focus on over aged learners, situated in Rylands in the Cape Flats, South Africa.

OTHER PROFESSIONAL ACTIVITIES

- Peer reviewer of article submissions for journals indexed by the Web of Science, such as *Science and Public Policy*, *Scientometrics*, the *South African Journal of Science*, *Polar Research*, and *Technology in Society*.
- Independent reviewer for the National Research Foundation (NRF), to assess funding proposals.
