

JAN WALTERS KRUGER

CURRICULUM VITAE

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of

Jan Walters Kruger

BSc(US), HonsBSc(Unisa), MSc(Wits), PhD(Wits), HOD(US), CFO(SA), Fellow of IoDSA



I am a full professor in Financial Management that specialises in modelling. Modelling cuts across all disciplines and especially relevant at doctoral level. I am a professional investor and regularly attend annual general meetings of companies and company results presentations. I am an independent non-executive director and serve on public sector committees. I supervise numerous research students from different disciplines.



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EDUCATION

Formal qualifications	Executive / professional education:
Ph.D. 2004 - Constructing Bayesian belief network Structure from the correlation matrix. University of the Witwatersrand	Certified Financial Officer (SA) 2017 CFO(SA) SAIBA
M.Sc. 1997 - Generalizing the number of states in Bayesian Belief propagation as applied to Portfolio Management. University of the Witwatersrand	Certificate of completion 2015 Tongji University School of Economics and Management: Programme of Chinese Economy and Global Trade course (Tongji SEM has EQUIS, AMBA and CAMEA accreditation)
Hons. B.Sc. 1987 - Operations Research, Unisa	Certificate of achievement - 2014 Chang'an University in International Finance (MBA) (Chang'an University in Xi'an is one of the best universities in China).
B.Sc. 1975 - Mathematics, Statistics, Psychology, University of Stellenbosch,	Assessors course (with distinction)- 2009 Unisa
HOD 1976 - Mathematics, Career guidance, with AE (language) certification. (Education diploma) University of Stellenbosch	Aligning Operations Strategy - 2002 WBS (Wits Business School)

Languages: English, Afrikaans, Portuguese, German

Computer languages: Fortran, Cobol, ML/1, PL/1, Pascal, Algol, DmX, Assembler, SQL, Natural/Adabas, Basic, VB, Delphi, Visual C, C++, Matlab, R, Python

EMPLOYMENT RECORD

Current Employment: Full professor at Unisa School for Business Leadership: Since 1 June 2007. First part time, but full-time since Jan 2008.

Private practice: January 1971 till present

- Remedial Classes

Students doing M/D	Learners of all ages.
Prof Kruger assists students doing M or D at a number of different institutions with Statistics and with the research design and data analysis He facilitates workshops in finance and IT	Prof Kruger tutors Mathematics, Statistics, Operations Research, Ergonomics, Accountancy, Personnel Psychology, Information Systems and Computer Science

- Consulting

Designed software for the Integrated Development Plan of Pretoria City Council; He was IT consultant at the Centre for policy studies (1998-1999)	Various consulting tasks for small companies; 2002: World Bank funded demographic research Finance consulting: Prof Kruger is a professional investor and has close contact with Business Leaders
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OTHER MEMBERSHIPS AND POSITIONS HELD

Leadership positions

Manager open distance learning at the College of Science (Wits University) (Jan – Dec 2000).
Started the Computing department at Funda Community College in Soweto (1995-1996).
Departmental head at Vista Computer Science at Soweto campus (1995-1997).
Business analyst at the SABC, where he received the award as most productive worker and supervised full time staff, even though he was on a part time contract. He redesigned a number of systems for TV licences (1993-1996)

Directorships

Trustee MBT Group (since 2016)
Independent Non-executive director at Thabex (Since 2008)
Director at Elizarin capital (UK) (since 2017)
Independent non-executive director at Morvest Pinnacle (2015-2017)
Non-executive director at Angel mines (2011-2013)
Director at Africa Ya Rona (2008-2009)

Committees

Member of the audit and risk committee National Department of Health (2014-2017)
Member of the audit and risk committee at the SA Pharmaceutical Council (2013-2015)

Older positions

Technikon Witwatersrand, Lecturer Mathematics and Statistics, 1977-1989
Rand Afrikaans University, Programmer, Dec. 1976- Dec1977
Integrand Scientific Computer Bureau, Programmer, May 1976- Nov. 1976
Jan Viljoen High School, Mathematics Teacher, Jan. 1976- April 1976
University of Stellenbosch, Technical Assistant, Jan. 1974- Dec. 1974

TEACHING

Prof Kruger taught/ lectured/ facilitated the following:

Strategic Financial Management, Research Methods and Advanced Financial Management for MBL.
He regularly teaches doctoral research methods.

Johannesburg Study Centre (Unisa) – Mathematics first year and EMT4801 (Fourth year Engineering Mathematics, BTech –LaPlace transforms).

MBA International Management at TUT, International Finance at UNW and at TUT, a number of MBA courses at Mancosa, Thames Valley University and DeMontfort University. Masters and Doctoral research at UJ (Santrust) and at Unisa.

Various MBA modules for University of Potchefstroom (Telematic learning system).

PUBLICATIONS

Some of Prof Kruger's publications in Scientific Journals are available on Google Scholar https://scholar.google.co.za/scholar?hl=en&as_sdt=0%2C5&as_ylo=2017&q=%22jan+walters+Kru%22&oq=jan (Google Scholar gave the h-index as 3, and found 54 citations (on 20171212)

CONFERENCES

Prof Kruger attended and presented (even keynote addresses) at many conferences and. List can be provided on request.

RESEARCH STUDENTS

Doctoral candidates that Prof Kruger promoted

Zimunya F	2017	The effects of Indigenization on financial development
Ramaphosa DP	2017	True Financial Cost of Oil spills in the Construction Industry
Nthoesane MG	2017	The development of leadership attributes and competencies Index: The economic value added approach
Joseph A	2017	Effective Pricing of Double Asian Options
Boadu V	2016	A model for post-acquisition Corporate Performance of Banks
Maasdorp D	2016	Evidence that Weak-Form Capital Market Efficiency Does Not Hold
Tshehla M	2014	An Empirical study of Exchange rate volatility regime for carry trade investors
Chinoda M	2013	A behavioural multi-criteria decision-making framework for corporate climate change response
Steyn SC	2012	The design of a pneumatic framework for improving innovation in the workplace
Govender U	2011	A resource allocation model to support air quality management in South Africa

ACADEMIC CITIZENSHIP

External examiner (theses): PhD doctoral theses at different universities, Masters' dissertations in Mathematics of Finance for the University of Cape Town; MBA research reports

External examiner (modules): ONB16X8 and ONB17X8 (Financial management – masters level) at the University of Johannesburg. (2009-2012); International Management (MCom) at University of Pretoria 2011; Computer Science (Unisa – 2005-2009); BBA modules for Thames Valley University;

Marked for the Unisa (and for TechnikonSA) - School of Computing – Honours in Information Systems and other computer courses (1998-2010)

ASSAf panel for Management sciences.

NRF: National Research Foundation 2000–2011, THRIP auditor for scientific projects: Audited the research by orally examining the masters and PhD students that get funding from the NRF.

Reviewer for many journals and conferences

COMMUNITY ENGAGEMENT

International Science Fair

Prof Kruger has been a judge at the International Science Fair (Escom Expo) since Jan 2000, and has worked his way to National Chief Judge. Two of the grade 9 learners that he helped to upgrade their projects in 2017 won second and fourth place at the science fair in Taiwan.

Professional Affiliations

FELLOW OF THE INSTITUTE OF DIRECTORS (IODSA)

MEMBER OF:

SOUTHERN AFRICAN INSTITUTE FOR BUSINESS ACCOUNTANTS (SAIBA)
INSTITUTE OF INFORMATION TECHNOLOGY PROFESSIONALS (IITPSA)
SOUTH AFRICAN STATISTICAL ASSOCIATION (SASA)
OPERATIONS RESEARCH SOCIETY OF SOUTH AFRICA (ORSSA)
INVESTMENT ANALYST SOCIETY (IAS)
INTERNET SECURITY COMMUNITY ((ISC)²) GAUTENG CHAPTER