



Commerce

2

**DST/NRF
SARChI
Chairs**

**Accredited
journal units**

100
(from 79
in 2014)

2014 - 2015

28%
increase

R89.5m

**Income raised
by contracts**

Highest
research
contracts
from SA
universities

2nd highest
from foreign
non-profit
organisations

NRF ratings

40

2

A rated

External **AWARDS**

DataFirst won an Economic and Social Research Council (ESRC) National Research Foundation (NRF) international collaboration award with the UK Data Archive, a multi-institution research project on household energy data.

Prof Ingrid Woolard was awarded the Alan Pifer Research Award for 2015, in recognition of her research relevant to the advancement and welfare of South Africa's disadvantaged people.

Prof Ulrike Rivett (information systems) won the best Water Research Commission (WRC-SA) research project award.

Adv Kerri Brick (Environmental Policy Research Unit) received the award for Best PhD Thesis at the Economic Science Foundation conference.

Kate James (finance and tax) won the (Honours) Norton Rose Fulbright/SAIPA Tax Thesis Competition and **Timothy Bland** (finance and tax) the UCT-IBFD Prize for International Tax.

Several of the PhD students in the Dept of Information Systems received NRF Innovation Awards, two UCT doctoral packages, two CSIR awards, World Bank, and Schlumberger awards.

HIGHLIGHTS from June 2015 to June 2016

New leadership appointments

Two South African Labour Development Research Unit (SALDRU) associates were asked to play broader national and international roles based on their research strengths and extensive policy commitments.

Dr Cecil Mlatsheni was appointed by the Minister of Labour to the Employment Conditions Commission.

Prof Ingrid Woolard was appointed to work on the eminent International Panel on Social Progress.

In 2015, Prof Haroon Borhat (director of the Development Policy Research Unit) was invited to be: non-resident senior fellow at the Brookings Institution, director on the Board of the Western Cape Tourism, Trade and Investment Promotion Agency (WESGRO), research fellow at the Institute for the Study of Labour (IZA), a member of the United Nations, World Health Organisation's High Level Commission on Health Employment and Economic Growth and advisor on the South African Parliament's High Level Panel on acceleration of change and transformation.

Prof Murray Leibbrandt, director of SALDRU, was elected a member of the Academy of Science of South Africa (ASSAf).

Assoc Prof Kanshukan Rajaratnam (finance and tax) was inaugurated into the South African Young Academy of Sciences.

Assoc Prof Ilse Lubbe (College of Accounting) has been appointed deputy editor of the SA Journal of Accounting Research.

General highlights

The School of Management Studies hosted an international conference at UCT, with participants from 30 countries.

POSTGRADUATES (end-2015)

417 Master's students

150 Master's graduates

209 PhD students

21 PhD graduates

Post-graduate enrolment increased – from 1 888 (2014) to 2 921 (2015), of whom 591 were international students

An all-time record high PhD graduates

The School of Economics hosted the International Network for Economic Methodology conference.

CITANDA hosts the extension of a €3+million project to research and develop an Enterprise System education programme for the African continent.

The African Collaboration for Quantitative Finance and Risk Research Unit (ACQuFRR) co-hosted the financial mathematics team challenge with the University College London.

The Centre for Information Technology and National Development in Africa (CITANDA) hosted two international conferences in 2015.

The Research Unit in Behavioural Economics and Neuroeconomics (RUBEN) conducted field surveys and experiments with 10 000 Danish gamblers and a large sample of students from the USA.

The College of Accounting introduced a BCom (Hons) with a research component.

A new project on Special Tax Zones was initiated by the tax department, in collaboration with the International Bureau for Fiscal Documentation. Academics in the tax dept participated in the Marie Curie International Staff Exchange Scheme (IRSES).

The fieldwork for the fourth wave of National Income Dynamics Study (NIDS) was completed in 2015.

In 2015, SALDRU researchers trained more than 100 non-UCT South African graduate students, faculty members and policy researchers in the use of the NIDS data for policy analysis.

The Environment Policy Research Unit (EPRU) received over R5 million from the Swedish International Development Cooperation Agency, Environment for Development and the NRF.

Dr Andre Hofmeyr and **Prof Harold Kincaid** from RUBEN were awarded R670 000 from the NRF to explore the behavioural determinants of cigarette smoking.

The Centre for Actuarial Research, CITANDA & EPRU had their accreditations renewed for a further period of five years.

Two new interdisciplinary and cross-faculty research groupings were also established. These are: the UCT Tax Institute for Fiscal Research; and the Data for Development Institute.

10 POSTDOCS
(end-2015)

DOCTORAL GRADUATIONS

Source: Doctoral Degrees Board

N. BALCHIN (ECONOMICS)

Investigating product market Integration in the Southern African development community: a price-based approach

Supervised by Professor L. Edwards

E.S. CALANDRO (BUSINESS ADMINISTRATION)

Governing regional telecommunication networks in a developing region: the SADC case

Supervised by Professor A. Gillwald

G. CHELWA (ECONOMICS)

The economics of tobacco control in some African countries

Supervised by Professor C. Van Walbeek

A.S. CHIMANGA (BUSINESS ADMINISTRATION)

The evolution and dynamics of stocks on the Johannesburg Securities Exchange and their implications for equity investment management

Supervised by Dr C. Mlambo

P.G. DE JAGER (FINANCE)

Fair value accounting in South African banks: financial stability implications

Supervised by Associate Professor G. Holman

D.O. FADIRAN (ECONOMICS)

Essays on institutional evolution and economic development: evidence from Nigeria

Supervised by Dr M. Sarr

A.K. HOFMEYR (ECONOMICS)

The economics of addiction: an experimental investigation

Supervised by Professor D.A. Ross

D.W. KHAOYA (ECONOMICS)

Socioeconomic related health inequalities in South Africa

Supervised by Professor M. Leibbrandt and Professor I. Woolard

E.M. KIMANI (ECONOMICS)

Education and labor market outcomes in South Africa: evidence from the national income dynamics study

Supervised by Professor H. Bhorat

Y. KÜHN VON BURGSDORFF (ECONOMICS)

The political economy of innovative development financing: a case study of donor funded risk capital financing in South Africa

Supervised by Professor A. Black and Professor H. Bhorat

E.M. LETETE (ECONOMICS)

Essays on Institutions and Economic Development in Kenya

Supervised by Dr M. Sarr

N. MASIYANDIMA (ECONOMICS)

The impact of foreign direct investment on productivity and growth in the Southern African Development Community (SADC)

Supervised by Professor J. Dunne

R.E. MOSHOESHOE (ECONOMICS)

Essays in economics of education: free primary education, birth order and human capital development in Lesotho

Supervised by Associate Professor C. Ardington and Associate Professor P. Piraino

T.R. MPOFU (ECONOMICS)

Real exchange rate volatility, employment and macroeconomic dynamics in South Africa

Supervised by Professor H. Bhorat and Dr A. Peters

T.L. MTENGA (ECONOMICS)

The role of exchange rate in small open economies: the case of Tanzania

Supervised by Emeritus Professor H. Abraham, Adjunct Associate Professor M. Ellyne and Dr K. Kotze

A.K. MUKONG (ECONOMICS)

Social networks, bargaining power within couples and maternal health care in Tanzania

Supervised by Associate Professor J. Burns

N. NORUWANA (BUSINESS ADMINISTRATION)

Factors relating to and impacting eGovernment readiness in South Africa: a case of the Western Cape Government

Supervised by Associate Professor K. Sewchurran

H. NTULI (ECONOMICS)

An economic and institutional analysis of community wildlife conservation in Zimbabwe

Supervised by Associate Professor E. Muchapondwa

C.O. NWOSU (ECONOMICS)

An analysis of the relationship between health and the labour market in South Africa

Supervised by Professor I.D. Woolard

M.E. NYEMBA-MUDENDA (INFORMATION SYSTEMS)

A pathway through which MHealth outcomes are produced for maternal healthcare consumers in a developing country context

Supervised by Professor W. Chigona

C.G. ONONIWU (INFORMATION SYSTEMS)

Mechanisms for emergent usage of adaptive information systems: a critical realist case of e-financial systems in South Africa

Supervised by Professor I. Brown and Professor S. Carlsson (external)

O.-O. OSAH (INFORMATION SYSTEMS)

Determinants of user continuance intention towards mobile money services: the case of M-PESA in Kenya

Supervised by Professor M. Kyobe

A. SCHUHR (ECONOMICS)

Regulation of choice behavior: an experiment investigating the hypothesis that people bundle sequences of expected rewards

Supervised by Professor D.A. Ross and Professor I.D. Woolard

M.A. SHIFA (ECONOMICS)

Land tenure, investment, land markets, off-farm employment, and rural welfare in Ethiopia

Supervised by Professor M. Leibbrandt and Professor M. Wittenberg

N. TIAN (ECONOMICS)

The economics of military spending, conflict and growth

Supervised by Professor J. Dunne

K.J. TRAIN (BUSINESS ADMINISTRATION)

Compassion in organizations: sensemaking and embodied experience in emergent relational capability. A phenomenological study in South African human service organizations

Supervised by Professor K. April

College of Accounting

Research Report 2015

Head of Department: Associate Professor Mark Graham

College Profile

Research and scholarship in the College of Accounting is carried out in the broad areas of auditing, financial accounting, financial management, management accounting, business ethics and taxation and also accounting education. The research effort is conducted on three general levels: applied research related directly to professional practice; applied research of a more general nature; and pure research on the broader frontiers of these disciplines. The research is carried out by the academic staff members and postgraduate students.

College Statistics

Permanent and Long-Term Contract Staff

Professors	2
Associate Professors	5
Senior Lecturers	10
Lecturers	10
Administrative and Clerical Staff	10
Total	37

Students

Honours	29
Postgraduate Diplomas	392
Undergraduate	8911
Total	9349

Research Fields and Staff

MR JAMES ANTHONY

Management accounting; financial management; accounting education

MR RILEY CARPENTER

South African income tax; capital gains tax; international tax; trust and estate duty

PROFESSOR CARLOS CORREIA

Capital budgeting; cost of capital; valuations

MR PETER CRAMER

Cost of capital; taxation

MR ASIEF DHANSAY

Public Sector Accounting, public administration

MR CARLOS DE JESUS

Financial management

MS JACQUI DE VILLIERS

Financial management

MS JOLANDI GEVERS

Financial management; accounting education

ASSOCIATE PROFESSOR MARK GRAHAM

International Financial Reporting Standards (IFRS); integrated thinking; integrated reporting; financial analysis; corporate reporting

MR MICHAEL HARBER

Audit committees; corporate governance issues; risk management

MRS SHELLY HERBERT

International Financial Reporting Standards (IFRS); financial analysis; corporate reporting; accounting education.

ASSOCIATE PROFESSOR JACQUI KEW

Accounting education; financial literacy; entrepreneurship

ASSOCIATE PROFESSOR ILSE LUBBE

Accounting education; International Financial Reporting Standards (IFRS); IFRS for SMEs.

MR RIYAAN MABUTHA

International taxation

MR DONALD MACDONALD

Accounting education; financial literacy; integrated reporting disclosure.

MR PAUL MAUGHAN

Accounting education; financial analysis

MR DALE MCGREGOR

Corporate governance

MR RICHARD MELLON

Financial management

MRS TARYN MILLER

International Financial Reporting Standards (IFRS); integrated reporting

ASSOCIATE PROFESSOR TESSA MINTER

Information risk management; financial systems and controls; the teaching of financial systems and controls; corporate governance; corporate governance education

MR GOOLAM MODACK

International Financial Reporting Standards (IFRS); integrated reporting; corporate governance

MR SHAUN PARSONS

South African income tax; financial instruments; banking and the taxation thereof

PROFESSOR ALEX WATSON

International Financial Reporting Standards (IFRS) development; professional accounting education; integrated reporting

MS SUMAYA WEST

Corporate governance; auditing; accounting education

MS GIZELLE WILLOWS

Financial reporting; financial analysis; behavioural finance

MR JAMES WINFIELD

Accounting education; business and professional ethics; foundations of accounting

ASSOCIATE PROFESSOR MICHAEL WORMALD

Corporate capital structures; financial policy

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RESEARCH OUTPUT

Authored books

Correia C., Flynn D., Uliana E., Wormald, M. and Dillon J. 2015. Financial Management. 1200pp. 8th edition. Cape Town, South Africa: Juta & Co. ISBN 9781485102779.

Parsons S., Becker A., Carpenter R., Mabutha R., Steenkamp L. and Ungerer M. 2015. Questions on SA Tax. 504pp. 16th edition. Cape Town, South Africa: Juta & Co Ltd. ISBN 9781485102694.

Articles in peer-reviewed journals

Dowie, G. and Willows, G.D. 2015. An investigation of investors estimates of returns earned and the effect of anchoring on these estimations. *Journal of Accounting Research*, 29: 1-11.

Willows, G.D. and West, D.G. 2015. Differential investment performance in South Africa based on gender and age. *International Business and Economics Research Journal*, 14(3): 537-560.

Peer-reviewed published conference proceedings

Botha, N. 2015. Addressing accounting education challenges through experiential teaching methodologies: possible benefits, examples of successful implementation and key-considerations. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Correia, C.D.J. and Gevers, J. 2015. Total Beta: a review of theory and practice. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Dillon, J. and Correia, C.D.J. 2015. A refined constructive operating lease capitalisation model considering new proposed lease accounting rules. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Gevers, J. and Correia, C.D.J. 2015. An analysis of the price sales ratio as a share selection tool for shares listed on the Johannesburg Stock Exchange. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Hawinkels, J., Morley-Jepson, S., Wood, L., Rajaratnam, K. and Parsons, S.G. 2015. How effective was diversification during the 2008 global financial crisis? *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Lubbe, I., Dhansay, A. and Anthony, J.A. 2015. Describing the GAP: public sector vs private sector accounting and reporting. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Maughan, P. and Davidowitz, B. 2015. Design and evaluation of a capstone course for accounting students: aligning an academic course with the competency required by the professional body. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Miller, T.K. 2015. The primary audience for an integrated report: who are South African companies reporting to, and what difference does it make to the length and quality of the report? *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Nates, L.A., Carpenter, R. and Cramer, P.J. 2015. An analysis of the income tax implications for the seller and purchaser in relation to the assumption of contingent liabilities in part settlement of a going concern. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Neethling, S., De Jager, P. and Parsons, S.G. 2015. Has risk based capital regulation negatively affected aggregate credit supply by South African banks. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Pullen, E., Toerien, F. and Anthony, J.A. 2015. Student endogenous factors that impact on performance in advanced management accounting: an exploratory study. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Willows, G.D. 2015. Missing persons from the population of unit trust investors. *Proceedings of SAAA Conference 2015*, 29 June - 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Willows, G.D. 2015. The effect of the weather on investors estimates of returns earned. In P. Chetthamrongchai and G. Nartea (eds), *Proceedings of the 6th International Conference on Business and Economics*, 25-27 June 2015, Saint Petersburg, Russia. Bangkok: Kasetsart University Press. ISBN 9786162782480.

School of Economics

Research Report 2015

Director: Professor Edwin Muchapondwa

Departmental Profile

The School of Economics is located in two faculties, namely the Faculty of Commerce (which is also its administrative home) and the Faculty of Humanities. The School is housed in a recently-constructed building on Middle Campus. The infrastructure provides a good working environment for staff and helps the School in attracting good students and eminent academics from around the world. The School has over 50 permanent and contract academic staff. Five Honorary Professors and six Adjunct Professors are also affiliated with the School.

A number of staff are among the leaders in their research areas. Sixteen academics have NRF ratings with two of them being A ratings. The School is the only South African Department of Economics to host two NRF A-rated researchers. The School is also home to two South African Research Chairs Initiative (SARChI) chairs: "Economic Growth, Poverty and Inequality: Exploring the Interactions for South Africa" chaired by Prof Haroon Bhorat, and "Poverty and Inequality Research" chaired by Prof. Murray Leibbrandt. Furthermore, three colleagues are Fellows of UCT, an award given in recognition of original distinguished academic work.

The School has more than 3000 undergraduate students. In 2015, the School had 208 Honours students (78 in Economics and 130 in Financial Analysis and Portfolio Management), 71 Masters students, and 68 PhD students.

The School's flagship programmes involve PhD training. In addition to the traditional PhD by thesis programme, the School also has a coursework-and-thesis based PhD programme which is offered in collaboration with seven other universities on the African continent. The four-year collaborative PhD programme consists of 24 months of core and applied coursework, followed by a thesis. Since inception, this programme has attracted over 100 students, mostly from African countries.

A substantial number of PhD students in this programme have been funded by the African Economic Research Consortium (AERC). Furthermore, Carnegie Corporation has provided scholarships to another 43 PhD students since 2012. The effect of this funding is evident in the 19 students that graduated with a PhD in Economics in 2015 – a record high.

Current research activity, with an emphasis on policy related research, is spread across a number of fields, including development economics; international economics; international finance; financial theory; growth theory and empirics; labour economics; poverty and inequality; health economics; education; environmental and resource economics; and political economy. Most of the School's research takes place in the context of big projects coordinated by our research units. The quality of our research is on an international level.

The School of Economics hosts five research units which are led by its academic staff but also recruit other research staff. These are the Development Policy Research Unit (DPRU), the Environmental-Economics Policy Research Unit (EPRU), Policy Research on International Services and Manufacturing (PRISM), Research Unit in Behavioural Economics and Neuroeconomics (RUBEN) and the Southern Africa Labour and Development Research Unit (SALDRU).

Development Policy Research Unit (DPRU)

The Development Policy Research Unit (DPRU) has been actively engaged in policy-relevant socio-economic research for the past 25 years, establishing itself as one of South Africa's premier research institutions in the field.

The DPRU aims to inform economic and social policymaking by specialising in academically rigorous research into various socio-economic challenges in South Africa and Africa in general; their causes in areas such as education, regulation and governance; and the consequences of these challenges for poverty and inequality at the country and regional level.

From inception the DPRU fostered strong linkages with the anti-apartheid mass democratic movement, and the Unit has a strong track record of providing policy advice to successive post-apartheid governments. Such policy advice has been provided through research commissioned by or on behalf of the South African government, as well as through direct formal and informal relationships that we have managed to forge over the past two decades.

The Unit's research regularly feeds into Cabinet processes, policy decisions, and pronouncements at the highest level. Valuable relationships and research linkages have been cultivated with policy makers, national and provincial government departments (including the Presidency), and international and multilateral agencies. These include organisations such as the Brookings Institution, the International Development Research Centre (IDRC), the International Labour Organisation (ILO), the World Bank, the UNDP, DFID-SA (The UK Government), and UNU-WIDER. The DPRU also boasts robust links to African research networks, institutions and think tanks, including the African Economic Research Consortium (AERC).

The DPRU's current key areas of expertise include labour market issues, poverty, and inequality, with a specific focus on South Africa, but increasingly also on other countries within the region. While these three thematic areas constitute the core focus of the Unit's research work, researchers also engage in research focussed on related areas such as financial development, trade, and economic demography. The bulk of the Unit's research derives from the analysis and manipulation of micro-level datasets, such as individual and household surveys, firm surveys, national censuses and increasingly, administrative databases.

The Unit's expanding research into minimum wages (specifically the debate around a national minimum wage for South Africa, as well as the impact of minimum wages on employment, wages and hours of work, together crucially with the role played by enforcement agencies in determining the outcomes from such legislation) is particularly noteworthy. Other key policy issues include the rise of labour brokers to employment generation in the economy, the future of SETAs, informality in terms of transitions into informal employment from a state of unemployment, or from informal to formal employment, as well as labour market segmentation via modelling labour markets in Low-Income Countries (LICs) with imperfect data.

The DPRU continued to engage in a variety of interesting and diverse international projects and studies in 2015, such as Counting Women's Work (CWW)—a multi-country research effort incorporating unpaid work into the National Transfer Accounts framework; Evidence and Lessons from Latin America (ELLA)—examining informality and inclusive growth based on comparative research conducted with a paired research centre in Colombia; and Understanding the African Lions—discussing growth traps and opportunities for six African economies.

The resulting body of new and innovative policy work has arguably made significant advances in understanding the South African labour market.

Environmental-Economics Policy Research Unit (EPRU)

The Environmental-Economics Policy Research Unit (EPRU) is a research group which seeks to enhance environmental policy-making in South Africa through rigorous policy research and extension in order to attain sustainable development and poverty reduction. EPRU is funded by the Swedish International Development Cooperation Agency (SIDA) through the Environment for Development (EFD) Initiative managed by the Environmental Economics Unit (EEU) at the University of Gothenburg. The EFD consists of seven environmental economics research centers in developing countries (Costa Rica, Chile, China, Ethiopia, Kenya, South Africa and Tanzania), University of Gothenburg and Resources for the Future in Washington DC, US. The EFD Initiative provides EPRU with a rich network of highly skilled academics trained in environmental economics to draw on.

The existing focus of EPRU's research projects are in the following areas: biodiversity and ecosystems management; water allocation; responses to climate risk; distributional consequences of climate policy; poverty, service delivery and local environmental quality; community based resource management; fisheries; behavioural aspects of natural resource management including risk preferences and cooperative behaviour.

EPRU has collaborated with a number of local and national stakeholders on medium-size projects; these collaborators include South African National Parks in the wildlife sector, the Department of Water Affairs and Forestry in the water sector, the Department of Environmental Affairs and Tourism on marine and coastal management, the Department of Agriculture, Forestry and Fisheries, and the City of Cape Town on air quality management and energy savings. Increasingly, the unit's efforts are being channelled into research outputs accessible to policy makers.

EPRU's research fellows are actively involved in teaching Environment and Natural Resource Economics, both within the School of Economics and in the broader university.

EPRU has six Senior Research Fellows (Anthony Black, Anthony Leiman, Edwin Muchapondwa, Mare Sarr, Jane Turpie and Martine Visser); several Research Fellows (Kerri Brick, Herbert Ntuli, Dambala Gelo, Sue Snyman); PhD students (Reviva Hasson, Gerald Kibira, Jackson Otieno, Sinqobile Ncube, Riad Sultan, Mary

Karumba, Boscow Okumu, Will Ruddick, Chalmers Mulwa, Rebecca Klege, Kevin Rugaimukamu, Zachary Gitonga); an administration officer (Felicity Downes) and communications officer (Leonie Joubert). A number of Masters students are also being funded and supervised by EPRU fellows. EPRU is directed by Jane Turpie.

Policy Research on International Services and Manufacturing (PRISM)

Policy Research in International Services and Manufacturing (PRISM), a research and policy unit, provides a lens to focus research and policy work broadly on issues of globalization, trade and industrialization. It is home to a number of related research activities, projects and programmes concerned with issues of globalization, global value chains, industrialization paths, international trade, foreign investment, the defence industry, policy governance, infrastructure development, the role of knowledge intensive services, innovation, and international competitiveness. Another feature of PRISM's work has been its applied focus, responding to economic policy questions issues in South Africa, the rest of Africa and beyond. PRISM is managed by a Steering Committee consisting of Mike Morris (Head), David Kaplan and Anthony Black.

PRISM research and policy activities are focused around the following issues:

- Globalisation and industrialization development
- International trade and foreign investment
- Governance and economic policy
- Commodities and resource based linkage industrialization
- Innovation and upgrading in developing countries
- Industrial policy and development
- Employment intensive growth in South Africa
- International competitiveness of firms and sectors
- Clusters and learning networks
- China's economic impact on Africa
- Regulatory frameworks for trade, services and sectors
- The distributional gains of industrial growth.

Research Unit in Behavioural Economics and Neuroeconomics (RUBEN)

RUBEN's interdisciplinary team of experimental economics researchers seek to understand the way in which people in developing economies assess risk and make decisions. They do this through quantitatively analyzed laboratory and field experiments with people earning real monetary rewards for performing experimental tasks. RUBEN researchers especially focus on trust – the essential basis of business relationships – and people's attitudes to risk, uncertainty and time. This knowledge is crucial to innovative product design in insurance, banking and retail asset management. For certain studies, RUBEN researchers also have the technology and expertise to conduct brain imaging studies, of the kind needed for neuroeconomics and neuromarketing.

Current RUBEN research projects underway include studies on problem gambling prevalence and its determinants with 10,000 subjects in Denmark funded by the Danish government; four behavioral economic interventions in the Western Cape sponsored by the Province; behavioral “nudge” interventions around water usage in Cape Town; and studies of social enterprises in Rwanda.

RUBEN is currently the only centre for experimental research in economics on the African continent and thus a key aspect of RUBEN activity is training. RUBEN hosts annual training workshops for scholars from the rest of the continent, and raises funds to cover all workshop costs for these participants.

Southern Africa Labour and Development Research Unit (SALDRU)

About SALDRU

The Southern Africa Labour and Development Research Unit (SALDRU) was founded in 1975, and is based in the School of Economics at the University of Cape Town. The unit carries out research and capacity building in applied empirical microeconomics with an emphasis on poverty and inequality, labour markets, human capital and social policy. We strive for academic excellence and policy relevance.

SALDRU has implemented a range of innovative surveys in South Africa including the Project for Statistics on Living Standards

and Development (PSLSD), Cape Area Panel Study (CAPS) and the National Income Dynamics Study (NIDS), among others. Building on these large data gathering projects, we conduct a range of training and capacity building activities in the use of survey data to analyse social well-being.

We have twenty one full-time research staff, and eighteen research associates who share common research interests, and are drawn from the UCT School of Economics, as well as thirty affiliates from other South African and international universities.

openSALDRU is our publications repository. It catalogues all of SALDRU's research, including more than 150 working papers, conference proceedings, policy briefs and metadata and links for journal articles.

SALDRU research

Aside from the National Income Dynamics Study and the work of J-PAL Africa, SALDRU's current research projects fall under the following broad themes:

- Post-apartheid poverty and inequality, employment, education, health and migration dynamics. In 2015 our key funders over a collection of projects were the NRF Research Chair in Poverty and Inequality Research, European Union's NoPoor Consortium, the National Institutes of Child Health and Development, the Presidency's Programme to Support Pro-Poor Policy Development, the National Treasury, DFID, WIDER and the OECD.
- Fertility and intergenerational transfers (funded by the Hewlett Foundation and Population Reference Bureau).
- Youth empowerment (funded by DG Murray Trust).
- HIV prevention and treatment (funded by the NRF).
- The Economics of Tobacco and Alcohol Control in Africa (funded by the WHO, American Cancer Foundation and the Bill and Melinda Gates Foundation).

SALDRU training activities

Since 1999 SALDRU has run the annual UCT Summer Programme in Social Science Research Using Household Survey Data. Currently this programme trains approximately 80 people from across South Africa and the greater African continent each year. It is funded by an endowment that was formed with large grants from Kresge, Ford and Mellon

Foundations and Statistics South Africa as well as smaller grants from 10 of South Africa's universities. In addition, SALDRU works with DataFirst to present a series of short courses in various aspects of social science research throughout the course of the year.

The SALDRU team

Currently SALDRU's research team includes a Director (Professor Murray Leibbrandt), a Deputy Director (Professor Cally Ardington) and 14 full-time researchers. SALDRU also has 18 research associates from within the School of Economics and 2 honorary research associates. There are 30 research affiliates, reflecting SALDRU's active national and international research collaborators. The NIDS survey office is run by the survey manager and contains 7 dedicated staff and, during fieldwork, up to 30 temporary staff members. The J-PAL Africa office is run by the Executive Director, Laura Poswell, and has a policy team led by Emily Cupito with 4 policy associates and a research team led by Emmanuel Bakirdjian with 3 research associates.

Departmental Statistics

Permanent and Long-Term Contract Staff

Professors	24
Associate Professors	12
Senior Lecturers	9
Lecturers	3
Research Staff	29
Administrative staff	28
Total	105

Students

Doctoral	68
Masters	71
Honours	207
Undergraduate*	3000+
Total	3422

*Number of students enrolled for economics courses. Students can take a number of courses in one year.

Research Fields and Staff

Permanent Teaching Staff

PROFESSOR HAIM ABRAHAM

Finance; futures and derivatives; monetary economics in a general equilibrium context.

PROFESSOR HAROON BHORAT (DIRECTOR OF THE DPRU)

Labour Economics, Poverty, Income Distribution, Inclusive Growth, Minimum Wages.

PROFESSOR ANTHONY BLACK

Development economics, trade and industrial policy; automotive industry, garment industry, foreign direct investment, regional integration; global location of manufacturing and services.

PROFESSOR JUSTINE BURNS

Microeconomics; labour; poverty and income distribution; behavioural and experimental economics; development economics.

ASSOCIATE PROFESSOR BEATRICE CONRADIE

Farm labour markets; women in agriculture; wine industry mechanisation; irrigation farming; human animal conflicts; productivity analysis; agriculture; land use; farm labour; human-wildlife conflict.

DR REZA C DANIELS

Applied development microeconomics; applied econometrics; analyses of household & firm surveys; public policy.

ASSOCIATE PROFESSOR CLARA DELAVALLADE

Development economics; applied econometrics; corruption; health; education; evaluation of public policies.

PROFESSOR PAUL J DUNNE

Defence, conflict and peace economics; applied econometrics

PROFESSOR LAWRENCE EDWARDS

International trade and competitiveness; trade policy; trade and infrastructure; trade, employment and poverty.

MS KATHERINE EYAL

Labour; development; education; program evaluation; econometrics, behavioural economics; the economics of mental health.

ASSOCIATE PROFESSOR LUKASZ GRZYBOWSKI

Industrial organisation; game theory; applied econometrics; network economics; telecommunications; competition and antitrust policy.

ASSOCIATE PROFESSOR SHAKILL HASSAN

Finance: fixed income, currency and commodity markets; arbitrage and asset pricing; applied financial econometrics. Economics: currency speculation and crises; monetary policy and asset prices; applicable economic theory.

DR ANDRE HOFMEYR

Experimental economics; econometrics; economic methodology; decision theory; game theory.

PROFESSOR DAVID KAPLAN

Technology development; technology policy; industrial policy; telecommunications industry; migration of skilled persons. Work on the SA mining industry – technological change; innovation; mining based exports (capital equipment and services); local (Western Cape) economic development issues.

ASSOCIATE PROFESSOR MALCOLM KESWELL

Econometrics of Programme Evaluation, Behavioural Economics, Development Economics

PROFESSOR HAROLD KINCAID (DIRECTOR OF RUBEN)

Philosophy and methodology of social science; causal modeling; addiction; experimental elicitation of risk and time preferences and other topics in behavioral economics

DR KEVIN KOTZE

Macroeconomics; Financial Economics; Econometric Modelling.

MS LEIGH LAKAY

Labour economics; environmental economics.

PROFESSOR MURRAY LEIBBRANDT (DIRECTOR OF SALDRU)

Income distribution and poverty; survey econometrics; labour; education.

ASSOCIATE PROFESSOR ANTHONY LEIMAN

Environmental and resource economics; cost-benefit analysis; informal sector.

DR LBOGANG MATEANE

Macroeconomics and econometrics.

DR CECIL MLATSHENI

Youth and the labour market; participation, search and unemployment; fertility and labour market participation; the brain drain and skills migration.

PROFESSOR MIKE MORRIS (DIRECTOR OF PRISM)

Globalisation; impact of China on Africa; industrialization and the Africa commodities boom; clothing and textiles; automotive industry; clusters and industrial development; industrial policy.

**PROFESSOR EDWIN MUCHAPONDWA
(DIRECTOR OF SOE)**

Community based natural resource management; nature-based tourism; valuation of non-market environmental amenities

**ASSOCIATE PROFESSOR EFTYCHIA
NIKOLAIDOU**

Defence and peace economics; applied economics and econometrics; banking crises and determinants of credit risk; financial development and growth.

DR AMOS PETERS

International migration and development; aid and foreign direct investment; open economy macroeconomics.

MS NERYVIA PILLAY

Risk measurement, financial markets.

ASSOCIATE PROFESSOR PATRIZIO PIRAINO

Applied microeconometrics; labour economics; economics of education; immigration; development economics; experimental economics.

PROFESSOR DON ROSS

Experimental economics of risk and time preference; game theory; philosophy of economics (methodology); infrastructure development; African trade and industry policy; philosophy of science.

DR MARE SARR

Institutional development and change in Africa; political economy; natural resource economics.

DR DJIBY THIAM

Development economics and policy; growth, poverty and bio-economy; agri-environmental policy with regard to risks and transaction costs.

DR ALBERT TOUNA MAMA

Macroeconomics (households' consumption/investment behavior); international macroeconomics (current account imbalances, sovereign borrowing); dynamic stochastic equilibrium models; development economics (informal insurance arrangements, terms of trade shocks, structural changes).

PROFESSOR CORNE VAN WALBEEK

The economics of tobacco control; the economics of alcohol policy; evaluating economic forecasts; the quality of official data, economics education.

PROFESSOR MARTINE VISSER

Behavioural and experimental economics applications to natural resource utilization; environmental and natural resource economics; poverty, inequality and sustainability; social institutions and networks; development economics.

PROFESSOR MARTIN WITTENBERG

Data Quality; Measurement of Poverty, Incomes and Economic Well-being; Labour economics; economics of the household; analysis of time-use data; microeconometrics.

PROFESSOR INGRID WOOLARD

Measurement of poverty; income inequality; labour markets; fiscal policy.

Adjunct Staff

ADJUNCT PROFESSOR BRIAN LEVY

Governance and political economy; development policy and practice.

**ADJUNCT ASSOCIATE PROFESSOR MARK
ELLYNE**

Monetary economics (monetary transmission, monetary policy, inflation targeting); exchange rates (policy, valuation, exchange regimes and controls); regional integration (SADC convergence, African integration); IMF and World Bank (structural adjustment programs); country macroeconomic studies.

**ADJUNCT PROFESSOR STEVE KAYIZZI-
MUGERWA**

Public policy, sector policies and institutional economics; macroeconomics, international trade and international aid.

ADJUNCT PROFESSOR ZUZANA BRIXIOVA

Labor Markets, Macroeconomics, SMEs and Private Sector Development in Emerging Market and Low Income Countries; Regional Economic Integration.

ADJUNCT PROFESSOR FAIZEL ISMAIL

International trade negotiations, trade policy, trade and development, GATT/WTO, Africa and regional integration.

ADJUNCT PROFESSOR ABEBE SHIMELES

Labour market integration, migration issues in Africa and impact evaluation of policy interventions.

DR NICK SAMOUILHAN

Financial Economics: asset allocation and portfolio construction, asset class modelling, quantitative market strategies and volatility modelling and forecasting.

Honorary Staff

PROFESSOR GEORGE AINSLIE

Behavioural economics (picoeconomics); motivation; choice; self-control; higher mental functions; interface among economics; experimental psychology; philosophy (theory of mind).

PROFESSOR DAVID LAM

Family support; labour markets; education.

PROFESSOR GLENN HARRISON

Experimental economics; bidding behaviour in auctions, market contestability and regulation, bargaining behaviour, and the elicitation of risk and time preferences.

PROFESSOR THOMAS STERNER

Design of policy instruments; resource management in developing countries; economics of energy use and climate change; economics of fisheries & coastal zone management; comparative efficiency of economic policy instruments in various sectors

PROFESSOR ELISABET RUTSTROM

Risk perceptions and risk attitudes among rural residents making wild fire management decisions and among drivers facing congestion charges during their daily commute.

Research Staff

DPRU Permanent Research Staff

MS AALIA CASSIM

Competition and Regulatory Economic Consulting, Sustainable Education and Social Entrepreneurship.

MS ARABO EWINYU

Regulatory Economics, Applied BEE, Small Business Development and Education.

MS TOUGHEDAH JACOBS

Project management, labour market profiles, poverty, inequality, development.

MS KARMEN NAIDOO

Development Economics, Financial Sector, Financial Inclusion, Small & Medium Size Enterprise (SME) Financing.

MR MORNÉ OOSTHUIZEN

Deputy Director: Labour markets, poverty, inequality, prices, and economic demography.

MS KAVISHA PILLAY

Development Economics, Labour Economics, Growth and Development.

MR CHRISTOPHER ROONEY

Economics of Education, Behavioural Economics, Development Economics.

MR BENJAMIN STANWIX

Applied economics, labour economics, economic and social history.

MR FRANCOIS STEENKAMP

International trade (Export patterns and dynamics), Economic development, Self-employment.

DPRU Contract Research Staff

MR BENJAMIN JOURDAN

Development Economics, Credit Dynamics in Developing Countries, and Wage Policy.

MS KEZIA LILENSTEIN

Labour Economics, Analysis of Survey Data, Development Economics.

MS SIPHOKAZI MAGADLA

Analysis of Household Data, Development Economics, and Social Entrepreneurship.

MS KIRSTEN VAN DER ZEE

Microeconomics, Development Economics and Labour Economics.

SALDRU Full-time Research Staff

PROFESSOR MURRAY LEIBBRANDT (DIRECTOR OF SALDRU)

Poverty, inequality and labour market dynamics using survey data and, in particular, panel data.

PROFESSOR CALLY ARDINGTON (DEPUTY DIRECTOR OF SALDRU)

Intergenerational support; analysis of household surveys; education and health inequality.

PRINCIPAL RESEARCH OFFICER HANNAH ROSS

Economic impact of risk factors associated with non-communicable diseases such as obesity, lack of physical activity, and alcohol consumption.

ASSOCIATE PROFESSOR VIMAL RANCHHOD

Labour economics; economics of education; economic demography; poverty; inequality and development economics.

DR NICOLA BRANSON

Education inequality; intergenerational consequences of teenage childbearing.

DR ARIANE DE LANNOY

Youth transitions into adulthood; inequality and transformation in South Africa; mixed methods approaches.

DR ANDREW KERR

Labour economics; economics of education; poverty and inequality; sampling methodology.

DR BRENDAN MAUGHAN-BROWN

HIV-related stigma; socioeconomic and behavioural determinants of HIV.

DR MUNA SHIFA

Rural land tenure systems and land-related investments; rural factor markets and household poverty; material welfare and subjective-welling.

EMMANUEL BAKIRDJIAN

J-PAL Africa Research Manager.

MS EMILY CUPITO

Policy Manager J-PAL Africa.

MS CLARE HOFMEYR

Training and communications officer.

MR VELENKOSINI MATSEBULA

Competition economics, labour economics, development economics, the economics of international trade and monetary policy.

DR MAMELLO NCHAKE

International trade and development.

MS LAURA POSWELL

Executive Director of J-PAL Africa.

MS NICOLE VELLIOS

Tobacco taxation; the illicit trade of tobacco products; determinants of smoking initiation.

Distinguished Visitors**PROFESSOR LEONCE NDIKUMANA**

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University of Massachusetts

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Graduate Institute of International and
Development Studies, Geneva

DR CHIARA RAVETTI

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Development Studies, Geneva

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University of Illinois, Chicago

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RESEARCH OUTPUT

Edited books

De Lannoy, A.M.F.A., Swartz, S., Lake, L. and Smith, C. (eds) 2015. *South African Child Gauge 2015*. 136pp. Cape Town: Children's Institute – University of Cape Town. ISBN 9780799225259.

Chapters in books

Bhorat, H.I. 2015. Growth, employment creation, and poverty reduction: an overview, evidence, and possible applications to Africa. In A. McKay and E. Thorbecke (eds), *Economic Growth & Poverty Reduction in Sub-Saharan Africa*, pp. 122-158. USA: Oxford University Press. ISBN 9780198728450.

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Graham, L. and Mlatsheni, C.S. 2015. Youth unemployment in South Africa: understanding the challenge and working on solutions. In A. De Lannoy, S. Swartz, L. Lake and C. Smith (eds), *South African Child Gauge 2015*, pp. 51-59. Cape Town: Children's Institute – University of Cape Town. ISBN 9780799225259.

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Bhorat, H.I., Kanbur, R. and Stanwix, B. 2015. Partial minimum wage compliance. *IZA Journal of Labor and Development*, 4: 1-20.

Blecher, E.H. 2015. Taxes on tobacco, alcohol and sugar sweetened beverages: linkages and lessons learned. *Social Science and Medicine*, 136-137: 175-179

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mothers in Cape Town. *Economic Development and Cultural Change*, 63(3): 589-616.

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Brick, K. and Visser, M.M.C. 2015. What is fair? An experimental guide to climate negotiations. *European Economic Review*, 74: 79-95.

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- Tibesigwa, B., Visser, M.M.C. and Hodkinson, B. 2015. Effects of objective and subjective income comparisons on subjective wellbeing. *Social Indicators Research*, 2015: 1-29.
- Tibesigwa, B., Visser, M.M.C. and Turpie, J.K. 2015. The impact of climate change on net revenue and food adequacy of subsistence farming households in South Africa. *Environment and Development Economics*, 20: 327-353.
- Van Walbeek, C.P. 2015. The economics of tobacco control (Part 2): evidence from the ITC project. *Tobacco Control*, 24(S3): iii1-iii3.
- Van Walbeek, C.P. and Shai, L. 2015. Are the tobacco industry's claims about the size of the illicit cigarette market credible? The case of South Africa. *Tobacco Control*, 24: e142-e146.
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Department of Finance and Tax

Research Report 2015

Head of Department: Associate Professor Craig West

Departmental Profile

The Department houses two disciplines, namely: finance at an undergraduate and post-graduate level and taxation at a post-graduate level only.

The tax section within the Department is part of a collaborative research project with 6 other institutions around the world. The Research Council of Norway funds this project. The tax staff participate in the Marie Curie International Staff Exchange Scheme (IRSES) for particular research topics in international tax.

Over the course of 2015, the finance section of the department was represented on a multi-disciplinary project for Alan Gray, involving the Department of Economics (UCT), Actuarial Science (UCT), Georgia State University and Waikato University.

Finance staff are also responsible for co-organising the South African Finance Association conference held annually in Cape Town.

Strong links exist between the department and professional associations and societies demonstrating the scholarship engagement of the department.

The department has two NRF-rated researchers, being Professor Paul van Rensburg (full-time) and Professor Enrico Uliana (part-time).

An exceptional 44 Master's students and one Doctoral student graduated from the department in 2015. Both Doctoral and Masters graduates are expected to increase.

Departmental Statistics

Permanent and Long-Term Contract Staff

Professors	4
Associate Professors	5
Senior Lecturers	6
Lecturers	4
Administrative and Clerical Staff	5
Total	24

Honorary and Adjunct Staff

Honorary Professors	2
Adjunct Associate Professors	3
Adjunct Senior Lecturers	2
Total	7

Students

Doctoral	15
Masters	208
Honours (including 4 th year B.Bus.Sc.)	971
Undergraduate	2 620
Total	3 814

Research Fields and Staff

Permanent Staff

MR ABDUL ABDULLA

Accounting education; financial ratio analysis; Islamic Finance.

DR EDWARD CHAMISA

International accounting standards in developing countries; corporate governance; corporate social responsibility.

DR PHILLIP DE JAGER

Fair value accounting; banks; capital markets.

ASSOCIATE PROFESSOR GLEN HOLMAN

Capital markets.

MR CHUN-SUNG HUANG

Financial risk management and modelling; Value-at-Risk estimates and Improvements; Utility-Indifference Pricing; Stochastic Modelling.

MRS TRACEY JOHNSON

SA domestic tax and compliance; Taxation of cooperatives

ASSOCIATE PROFESSOR RYAN KRUGER

Predictive modelling of asset returns and the financial applications of machine learning.

MR AKIOS MAJONI

Liquidity in African financial markets; corporate restructuring and shareholder value.

MR LUCIAN PITT

General field of disclosure with emphasis on risk disclosure in AFS.

ASSOCIATE PROFESSOR KANSHUKAN RAJARATNAM

Decision making in consumer credit finance; credit union models; optimisation.

PROFESSOR JENNIFER ROELEVELD

International double tax treaties; South African income tax; Estate duty

MR COLIN SMITH

Valuation models; working capital management; behavioural issues in Management Accounting; NGO accounting and financial management.

PROFESSOR PETER SURTEES

South African income tax.

ASSOCIATE PROFESSOR FRANCOIS TOERIEN

Entrepreneurial and small business finance; alternative investments; equities.

PROFESSOR ENRICO ULIANA

Management accounting practices; strategic cost analysis; use of accounting in aligning performance with strategy; intellectual capital.

PROFESSOR PAUL VAN RENSBURG

Asset Pricing.
Explaining the cross section of equity returns in local and international markets.

ASSOCIATE PROFESSOR CRAIG WEST

International Tax (Income and Capital); Tax Information Exchange Agreements and South African income tax.

MR DARRON WEST

Taxation of savings and investments; behavioural finance and investing.

Contact Details

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RESEARCH OUTPUT

Edited books

Hattingh, J., Roeleveld, J.J. and West, C. (eds) 2015. Income Tax in South Africa: The first 100 Years 1914-2014. 488pp. Claremont, Cape Town, South Africa: Juta & Company Ltd. ISBN 9781485107798.

Articles in peer-reviewed journals

Chinhamu, K., Huang, C., Huang, C.S. and Chikobvu, D.C. 2015. Extreme risk, value-at-risk and expected shortfall in the gold market. *International Business and Economics Research Journal*, 14(1): 16.

Chinhamu, K., Huang, C.-K., Huang, C.-S. and Hammujuddy, J. 2015. Empirical analyses of extreme value models for the South African mining index. *South African Journal of Economics*, 83(1): 41-55.

De Jager, P. 2015. For banks, fair value adjustments do influence dividend policy. *Southern African Business Review*, 19(4): 157-190.

Khumalo, G. and Pitt, L. 2015. The determinants of CSR disclosure of firms listed on the JSE: a focus on firms meeting the SRI index criteria. *Corporate Ownership and Control*, 12(2): 135-148.

Mohamed, S., Oettle, T. and Stewart, S. 2015. Mega-sporting events: the impact on host stock markets and investment prospects. *Corporate Ownership and Control*, 12(2): 222-236.

Pamburai, H.H., Chamisa, E., Abdulla, A.C. and Smith, C.C. 2015. An analysis of corporate governance and company performance: a South African perspective. *SA Journal of Accounting Research*, 29(2): 115-131.

Priilaid, D.A. and Van Rensburg, P. 2015. How price-effects accrue with product experience and expertise. *Food Quality and Preference*, 48: 166-173.

Roeleveld, J.J. 2015. South African reserve bank v Shuttleworth: exchange control exit tax - a regulatory charge or a tax? *British Tax Review*, 5(2-2015): 597-696.

van Heerden, J.D.V.H. and Van Rensburg, P. 2015. The cross-section of Johannesburg securities exchange listed equity returns (1994-2011). *Studies in Economics and Finance*, 32(4): 422-444.

West, C. 2015. AB LLC and BD Holdings LLC v commissioner of the South African revenue service:

the creation of service permanent establishments. *British Tax Review*, 5(2-2015): 597-696.

Willows, G.D. and West, D.G. 2015. Differential investment performance in South Africa based on gender and age. *International Business and Economics Research Journal*, 14(3): 537-560.

Peer-reviewed published conference proceedings

Anderson, N., Barr, J., Yach, D. and Pitt, L.P. 2015. A comparison of value investing in a developed market with value investing in an emerging market. In P. Chetthamrongchai and G. Narta (eds), *Proceedings of the 6th International Conference on Business and Economics*, 25-27 June 2015, Saint Petersburg, Russia. Bangkok: Kasetsart University Press. ISBN 9786162782480.

Govender, T., Prawlall, K. and Pitt, L.P. 2015. Value investing revisited: a test of portfolio performance based on Benjamin Graham's selection criteria. In P. Chetthamrongchai and G. Nartea (eds), *Proceedings of the 6th International Conference on Business and Economics*, 25-27 June 2015, Saint Petersburg, Russia. Bangkok: Kasetsart University Press. ISBN 9786162782480.

Hawinkels, J., Morley-Jepson, S., Wood, L., Rajaratnam, K. and Parsons, S.G. 2015. How effective was diversification during the 2008 global financial crisis? *Proceedings of SAAA Conference 2015*, 29 June – 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Huang, C.S., Collier, N., McWilliams, J. and Rath, B. 2015. An empirical analysis of the permanent income hypothesis (PIH) in the context of BRICS countries. In G.T. Papanikos (ed), *Proceedings of Ninth Annual International Conference on Mathematics and Statistics*, 29-30 June and 1-2 July, Athens, Greece. Athens, Greece: Athens Institute for Education and Research. ISBN 9789605980139.

Pullen, E., Toerien, F. and Anthony, J.A. 2015. Student endogenous factors that impact on performance in advanced management accounting: an exploratory study. *Proceedings of SAAA Conference 2015*, 29 June – 1 July 2015, East London, South Africa. South Africa: IAAER. ISBN 9780620667142.

Rajaratnam, K. and Kruger, R. 2015. Inference of aggregational gaussianity in asset returns exhibiting a parentian-distribution. *Proceedings of 16th Annual Conference on Finance and Accounting*, 29 May 2015, Prague. Prague: Elsevier BV. ISSN 22125671.

Department of Information Systems (IS)

Research report 2015

Head of Department: Kevin Johnston

Departmental Profile

A core focus of the Department of Information Systems and the Department's accredited research unit CITANDA (Centre for IT and National Development) remains the role of information and communications technologies (ICT) in Developing Country context but this is complemented by our other key research areas IS and education, ICTs and innovation, IS management, IS development and digital forensics.

In 2015, the Information Systems department reached a record number of 16 DoE-accredited journal articles, along with 5 academic book chapters and 57 peer-reviewed conference papers i.e. an average of 5 accredited research outputs per academic staff member. Several of our current PhD students have received substantial awards including several NRF Innovation Awards, two UCT doctoral packages, two CSIR awards, as well as World Bank, SASAC and Schlumberger awards. More than two-thirds of our permanent academic staff are now NRF-rated and only two staff have yet to obtain their PhD. By contrast, just one decade ago, only four staff members held a PhD and none were NRF-rated.

The department's research unit CITANDA has been able to leverage its limited resources to enhance a number of research activities and profile. It hosted two international conferences last year and was instrumental in securing the hosting of the prestigious Conf-IRM AIS-endorsed conference for May 2016. It also was an academic partner in IEEE-accredited conferences in India. CITANDA sought promote research by assisting student conference attendance through small but strategic financial top-ups and staff publications in top journals by incentivizing both first submissions and acceptances. In 2015, CITANDA appointed its first full-time researcher, a post-doc, to focus on researching and formulating a unique Information and Communications Technologies for Development (ICT4D) research agenda. In addition, it become

the host for the extension of the ESEFA project and a researcher/coordinator for ERP education and curriculum research will be appointed using a self-funding model. This will continue and enhance collaboration with universities across 10 different African countries.

Some of the research work by CITANDA research associates have contributed towards the discipline in unique and highly original ways, thus not only advancing IS theory but also establishing UCT as an intellectual innovation centre of excellence with a unique niche in the area of ICT4D. These contributions include a theoretical model that explains emergent usage of IS in e-financial services, work on mobile technology and maternal Health outcomes, examinations of user continuance intention towards Mobile Money Service (m-Pesa) in Kenya.

Some other eminent research projects underway (>R1mIn) include Prof Ngwenyama's Dynamic Capabilities for Software Service Innovation project (NRF) as well as iComms project on knowledge sharing for sustainable solutions in community engagement in the WASH sector (funded by the NRF & WRC with prof Rivett as the PI). One of Prof Rivett's research projects into community engagement in the WASH sector won the 2015 award for the best WRC research project.

We continue to build international networks of research collaborations, *inter alia*, with Ethiopia, Kenya, Mauritius, India, US, UK, Canada, Netherlands, Germany and New Zealand.

Departmental Statistics

Permanent and Long-Term Contract Staff

Professors	4.5
Associate Professors	3
Senior Lecturers	6
Administrative and Clerical Staff	5
Total	18.5

Emeritus and Honorary Staff

Emeritus Professors	2
Honorary Professors	2
Total	4

Students and Postdoctoral Fellows

Postdoctoral Fellow	1
Doctoral	73
Masters	59
Honours	65
Postgraduate Diploma	692
Undergraduate	1926
Total	2816

Research Fields and Staff

PROFESSOR IRWIN BROWN

IS in developing countries; IS management; Grounded Theory in IS research.

PROFESSOR WALLACE CHIGONA

ICT for national development; community informatics; and mobile technology for development.

EMERITUS PROFESSOR MIKE HART

Strategic use of IS; key management issues in IS; business intelligence; data mining and analytics.

ASSOCIATE PROFESSOR KEVIN JOHNSTON

ICT strategy and alignment; use of ICT in business; ICT management issues; open source software.

PROFESSOR MICHAEL KYOBE

Strategic IT planning; IT alignment; computer security and utilisation of IT to leverage knowledge management; enterprise and IT governance.

DR ELSJE SCOTT

Object-orientated programming and methodologies; efficient teaching methods for programming concepts; IS project management, with the specific focus on student group projects using C# as programming language.

DR SALAH KABANDA

IT adoption; M and E commerce; ICT4D.

PROFESSOR OJELANKI NGWENYAMA

Developing and using critical social science methods for IS research. Empirical research focused on: software process innovation; IS implementation; IS management; the impact of ICT on social and economic development.

DR JACQUES OPHOFF

Information and cyber security; privacy; design science research.

MR MIKE POLLOCK

Technology Adoption, Systems Development, IS Education.

PROFESSOR ULRIKE RIVETT

ICT4D; service delivery through mobile technologies; e-government and m-government; water quality management and monitoring; innovative use of ICTs.

DR SUMARIE ROODT

IS and Education: Technology-enhanced learning with a focus on using emerging technologies for the Net Generation, Digital Game-Based Learning (DGBL), Virtual Worlds, Educational Neuroscience & Technology- Enhanced Learning. IS and Business: Using emerging technologies for Competitive Advantage

ASSOCIATE PROFESSOR LISA SEYMOUR

Enterprise systems and business process management with a developing country focus.

EMERITUS PROFESSOR DEREK SMITH

Project portfolio management; project teams; project manager competencies.

MR ADRIE STANDER

Data communications; database design; human-computer interaction; culture and information systems.

DR MAUREEN TANNER

Agile, Global Software development.

PROFESSOR JEAN-PAUL VAN BELLE

Adoption of information technologies; ICT4D; e-commerce and m-commerce; e-government and m-government; open source software; enterprise IS architectures; e-readiness of SMEs and NGOs.

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Fax: +27 21 650 2280
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RESEARCH OUTPUT

Chapters in books

Boamah-Abu, C. and Kyobe, M. 2015. IT governance practices of SMEs in South Africa and the factors influencing their effectiveness. In T. Iyamu (ed), Strategic Information Technology Governance and Organizational Politics in Modern Business, pp. 188-207. Hershey, USA: IGI Global. ISBN 9781466685246.

Coetzee, S. and Wolff-Piggott, B. 2015. A review of SDI literature: searching for signs of inverse infrastructures. In R. Sluter, C. Madureira and C.B. Leal de Menzes (eds), Cartography – Maps Connecting the World, pp. 1-16. Brazil: Springer. ISBN 9783319177373.

Cupido, K. and Ophoff, J. 2015. A conceptual model of critical success factors for an e-government crowdsourcing solution. In A. Ionas (ed), Leading issues in e-government research, pp. 259-274. 2nd edition. Romania: Academic Conferences and Publishing International Limited Reading (UK). ISBN 9781909507326.

Johnston, K., Nogemane, B. and Kabanda, S. 2015. The current state of dialogue in South African universities: change through open conversations and the facilitating role of ICTs. In P.E. Thomas, M. Srihari and S. Kaur (eds), Handbook of Research on Cultural and Economic Impacts of the Information Society, pp. 345-358. India: IGI Global. ISBN 9781466685987.

Lorini, M.R., Van Zyl, I. and Chigona, W.M.G. 2015. Digital technology for inclusion: a critical discourse analysis of urban poor groups in South Africa. In J. Steyn and D. van Greunen (eds), ICTs for Inclusive Communities in Developing Societies, pp. 2-25. Newcastle, UK: Cambridge Scholars Publishing. ISBN 9781443880817.

Mealor, B. and Van Belle, J.W.G.D. 2015. Do mobile phones enhance the quality of life for the elderly? In J. Steyn and D. van Greunen (ed), ICTs for Inclusive Communities in Developing Societies, pp. 238-270. Newcastle, UK: Cambridge Scholars Publishing. ISBN 9781443880817.

Articles in peer-reviewed journals

Bankole, F., Osei-Bryson, K. and Brown, I.T.J. 2015. The impact of information and communications technology infrastructure and complementary factors on intra-African trade. Information Technology for Development, 21(1): 12-28.

Bankole, F., Osei-Bryson, K.M. and Brown, I.T.J. 2015. The impacts of telecommunications infrastructure and institutional quality on trade efficiency in Africa. Information Technology for Development, 21(1): 29-43.

De Beer, R., Stander, A. and Van Belle, J.P. 2015. Anti-forensics: a practitioner perspective. International Journal of Cyber-Security and Digital Forensics (IJCSDF), 4(2): 390-403.

Dobrev, K. and Hart, M.L. 2015. Benefits, justification and implementation planning of real-time business intelligence systems. Electronic Journal of Information Systems Evaluation, 18(2): 104-118.

- Hill, W. 2015. E-governance: silencing, vulnerable populations. *Procedia Engineering*, 107: 181-185.
- Johnston, K. and O'Donovan, B.R. 2015. The use of big data analytics in the retail industries in South Africa. *African Journal of Business Management*, 9(19): 688-703.
- Johnston, K. and Petersen, C.W. 2015. The impact Facebook and twitter has on the cognitive social capital of university students. *Informing Science: The International Journal of an Emerging Transdiscipline*, 18(2015): 30.
- Johnston, K., Jali, N., Kundaali, F. and Adeniran, T. 2015. ICTs for the broader development of South Africa: an analysis of the literature. *The Electronic Journal of Information Systems in Developing Countries*, 70(3): 1-22.
- Kabanda, S. and Brown, I.T.J. 2015. E-commerce enablers and barriers in Tanzanian small and medium enterprises. *The Electronic Journal of Information Systems in Developing Countries*, 67(7): 1-24.
- Kyobe, M., Namirembe, E. and Shongwe, M. 2015. The alignment of information technology applications with non-technological competencies of SMEs in Africa. *The Electronic Journal of Information Systems in Developing Countries*, 67(5): 1-22.
- Lorini, M.R. 2015. ICT for community empowerment amongst urban underserved communities: a design for participation project. *Journal of Socio technology and Knowledge Development*, 7(1): 15.
- Maharaj, S. and Brown, I.T.J. 2015. The impact of shared domain knowledge on strategic information systems planning and alignment. *South African Journal of Information Management*, 17(1): 1-12.
- Makoza, F. 2015. An exploratory study on policy transfer for sim card registration in Malawi. *International Journal of Technology Diffusion*, 6(1): 33-46.
- Maree, S. and Johnston, K. 2015. Critical insights into the design of big data analytics research: how twitter "moods" predict stock exchange index movement. *African Journal of Information and Communication*, 2015(15): 1-17.
- McGibbon, C. and Van Belle, J.P. 2015. Integrating environmental sustainability issues into the curriculum through problem-based and project-based learning: a case study at the University of Cape Town. *Current Opinion in Environmental Sustainability*, 16: 81-88.
- Morgan, M. and Ngwenyama, O. 2015. Real options, learning cost and timing software upgrades: towards an integrative model for enterprise software upgrade decision analysis. *International Journal of Production Economics*, 168: 211-223.
- Mwangi, M. and Brown, I.T.J. 2015. A decision model of Kenyan SMEs' consumer choice behavior in relation to registration for a mobile banking service: a contextual perspective. *Information Technology for Development*, 21(2): 229-252.
- Petersen, C.W. and Johnston, K. 2015. The impact of social media usage on the cognitive social capital of university students. *Informing Science: The International Journal of an Emerging Transdiscipline*, 18: 1-30.
- Roodt, S. and Wanjogu, E. 2015. A practical approach to using technology in teaching empathy to medical students. *International Journal of Arts and Sciences*, 8(6): 307-314.
- Scholtz, B., Van Turha, T. and Johnston, K. 2015. Internet visibility and cyberbullying: a survey of Cape Town high school students. *African Journal of Information and Communication*, 15: 93-104.
- Tanner, M.C. and du Toit, A. 2015. The influence of higher education institutions on the sustainability of ICT4D initiatives in underserved communities. *The Electronic Journal of Information Systems in Developing Countries*, 71(7): 1-16.
- Tanner, M.C. and Mackinnon, A. 2015. Sources of interruptions experienced during a scrum sprint. *Electronic Journal of Information Systems Evaluation*, 18(1): 3-18.
- Tanner, M.C. and Scott, E. 2015. A flipped classroom approach to teaching systems analysis, design and implementation. *Journal of Information Technology Education: Research*, 2015(14): 219-241.
- Thomson, S. and Van Belle, J.P. 2015. Antecedents of green IT adoption in South African higher education institutions. *Electronic Journal of Information Systems Evaluation*, 18(2): 172-186.

Peer-reviewed published conference proceedings

- Abia, M. and Brown, I.T.J. 2015. A polymorphic model of information systems success: an outcome of a literature-based grounded theory analysis. In R.J. Barnettt (ed), *Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015)*, 28-30 September 2015, Stellenbosch, South Africa. Stellenbosch: ACM. ISBN 9781450336833.
- Abrahams, O., Ophoff, J. and Mwalemba, G. 2015. Cloud computing adoption for business development: a TOE perspective. *Proceedings of the 9th IDIA conference, IDIA2015*, 8-9 November 2015, Nungwi, Zanzibar. Roodepoort, South Africa: Monash University of Information Technology. ISBN 9780620683951.

- Ajumobi, O.D. and Kyobe, M. 2015. Business strategies of South African women-led SMEs in a mobile technology environment. In T. Samraj (ed), Proceedings of Second International Conference on Advances in Women's Studies 2015, 9-10 June 2015, Toronto, Canada. Toronto, Canada: Unique Conferences Canada. ISBN 9780993988905.
- Akin-Adetoro, A. and Kabanda, S. 2015. Contextualizing BYOD in SMEs in developing countries. In R.J. Barnettt (ed), Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), 28-30 September 2015, Stellenbosch, South Africa. Stellenbosch: ACM. ISBN 9781450336833.
- Albertus, R., Ngwenyama, O. and Brown, I.T.J. 2015. A critical discourse analysis of governance issues affecting public private partnership contracting for information systems implementations: a South African case study. In R.J. Barnettt (ed), Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), 28-30 September 2015, Stellenbosch, South Africa. Stellenbosch: ACM. ISBN 9781450336833.
- Amoako, A. and Rivett, U.K. 2015. Towards the development of sustainable ICT projects in Africa - a review and synthesis of evaluation frameworks. In G. Wiredu (ed), Proceedings of African Conference on Information Systems and Technology, 7-8 July 2015, Accra, Ghana. Ghana: Ghana Institute of Management and Public Administration. ISBN 9789988221164.
- Bailey, L., Seymour, L. and Van Belle, J.W.G.D. 2015. Quality of work life issues in the introduction of ERP systems in a Sub-Saharan African context. In J.Q. Chen (ed), Proceedings of the 5th International Conference on IS Management and Evaluation, 28-29 May 2015, China. UK: Academic Conferences and Publishing International Limited Reading (UK). ISBN 9781910810071.
- Buchana, Y. and Seymour, L. 2015. Factors influencing successful implementations of health information systems in public healthcare organisations in Sub-Saharan countries. In G. Wiredu (ed), Proceedings of African Conference on Information Systems and Technology, 7-8 July 2015, Accra, Ghana. Ghana: Ghana Institute of Management and Public Administration. ISBN 9789988221164.
- Buchana, Y. and Seymour, L. 2015. Theorising inter-organisational health information systems as complex adaptive systems in the context of emergency medical services. In R.J. Barnettt (ed), Proceedings of the 2015 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT 2015), 28-30 September 2015, Stellenbosch, South Africa. Stellenbosch: ACM. ISBN 9781450336833.
- Chemisto, M. and Rivett, U.K. 2015. A review of sector coordination and ICTs in multi-stakeholder environs of Uganda's rural water sector. Proceedings of the 9th IDIA conference, IDIA2015, 8-9 November 2015, Nungwi, Zanzibar. Roodepoort, South Africa: Monash University of Information Technology. ISBN 9780620683951.
- Chikuni, P. and Chigona, W.M.G. 2015. Reflections on e-learning policies in HEIs: a critical discourse analysis (CDA) of the institutional e-learning policy in a university in South Africa. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), Proceedings of The 27th Annual SAIMS Conference 2015, 30 August - 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.
- Du Toit, F. and Tanner, M.C. 2015. A business architecture capability Meta model and tool-set for providing function point estimation for enterprise architecture management. Proceedings of the International Multi Conference of Engineers and Computer Scientists 2015. Hong Kong: Newswood Limited. ISBN 9789881925329.
- Foli, M. and Van Belle, J.P. 2015. Using mobile phones for public participation with local government in Cape Town. In P. Cunningham and M. Cunningham (eds), Proceedings of IST-Africa 2015, 6-8 May 2015, Lilongwe, Malawi. Malawi: IIMC International Information Management Corp. ISBN 9781905824502.
- Forlee, B. and Rivett, U.K. 2015. The value of information - assessing ICT requirements in local government. In P. Cunningham and M. Cunningham (eds), Proceedings of IST-Africa 2015, 6-8 May 2015, Lilongwe, Malawi. Malawi: IIMC International Information Management Corp. ISBN 9781905824502.
- Garbutt, M. and Seymour, L. 2015. Enterprise systems competencies supplying the skills - the novice practitioner perspective. Proceedings of the 9th IDIA conference, IDIA2015, 8-9 November 2015, Nungwi, Zanzibar. Roodepoort, South Africa: Monash University of Information Technology. ISBN 9780620683951.
- Gcora, N., Gopeni, A., Tuswa, M., Lwoga, T. and Chigona, W.M.G. 2015. The challenges rural women face in using telecentres: the case of the Eastern Cape Province. Proceedings of the 9th IDIA conference, IDIA2015, 8-9 November 2015, Nungwi, Zanzibar. Roodepoort, South Africa: Monash University of Information Technology. ISBN 9780620683951.
- Ghosh, I., Haseki, M., Mudavanhu, S. and Van Belle, J.W.G.D. 2015. A critical evaluation of past

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School of Management Studies

Research report 2015

Head of School: Associate Professor Anton F. Schlechter

School Profile

The School of Management Studies consists of four academic sections that are organised around academic staff that teach, supervise and conduct research within various core management science disciplines, namely: Actuarial Science, Applied Management, Marketing and Industrial/Organisation Psychology. The Professional Communication Unit, also housed in the School offers courses to undergraduate and postgraduate students in business communication. The School further hosts the following research units, namely: The Institute for Monitoring and Evaluation (IME); the UCT Unilever Institute of Strategic Marketing; the UCT Tourism Research Unit; and The Centre for Academic Research (CARE). The latter two research units are also URC accredited.

The academic staff members in the School are, in terms of their individual and collective research agendas, focused on supporting both the University and Faculty research strategies. Given the multi-disciplinary nature of the School though, staff are engaged in a wide spectrum of research topics that span the full ambit of theoretical and applied research approaches across the various disciplines represented and even beyond at times where appropriate. In the School we actively support and encourage the development of our internal research capacity and have made significant progress in this regard over the last few years. In this reporting period, one staff member obtained a PhD qualification, as well as having two staff members being promoted to the rank of full professor, one to the rank of associate professor and another two the rank of senior lecturer (promotions effective 2016).

School Statistics

Permanent and Long-Term Contract Staff

Professors	5
Associate Professors	8
Senior Lecturers	11
Lecturers	10
Teaching/Research Assistants	5
Administrative Staff	11
Contract lectures (3 of which are course convenors)	9
Total	59

Emeritus, Adjunct and Honorary Staff

Emeritus Professors	1
Adjunct Professors	3
Adjunct Associate Professors	3
UCT Honorary Professors	2
Total	9

Students

Doctoral	14
Masters	30
Honours	63
Postgraduate Diplomas	149
Undergraduates	676
Total	932

Research Fields and Staff

Permanent Staff

Full Professors

PROFESSOR JEFFREY BAGRAIM

Work-family issues; organisational commitment; commitment to change; organisational culture; workplace attitudes; student integrity; Occupational Health Psychology

PROFESSOR ROB DORRINGTON (CARE)

Demography; mortality; migration; HIV/AIDS modelling; analysis of census and survey data; population estimation and projection; burden of disease quantification; ageing

PROFESSOR JOHA LOUW-POTGIETER

Programme evaluation

PROFESSOR TOM MOULTRIE (CARE)

Demography, especially the analysis of fertility patterns and trends; analysis of census and survey data; modelling of birth intervals; contraceptive use and adoption; HIV/AIDS; Data and the data revolution

PROFESSOR ERIC WOOD

Value creation; Innovation management; Entrepreneurship; The influence of religious belief on entrepreneurial behaviour; the survival and performance of entrepreneurial firms

Associate Professors**ASSOCIATE PROFESSOR RICHARD GEORGE**

Safety and security issues in tourism, and events (with a specific focus on mega-events), township tourism, social media and tourism, tourism marketing

ASSOCIATE PROFESSOR SUKI GOODMAN

Organisational and individual learning; training and programme evaluation; graduate attributes

ASSOCIATE PROFESSOR TERRI GRANT

Business communications in the global economy; scenario learning and pedagogy; non-verbal communication and multimodality; graphics; commerce education and learning theories

ASSOCIATE PROFESSOR GERT HUMAN

Industrial marketing and inter-firm networks; strategic marketing; strategic management and international marketing

ASSOCIATE PROFESSOR IAIN MACDONALD

Applied probability; new time series models (especially hidden Markov models); EM algorithm; mathematical finance

ASSOCIATE PROFESSOR DAVID PRIILAI

Analytical pricing techniques to better understand efficient and inefficient systems of value attribution; Marketing-based placebo-effects, a subset of consumer behaviour and food science studies

ASSOCIATE PROFESSOR ANTON SCHLECHTER

Reward management and talent management (including talent attraction, engagement talent retention); employee engagement, leadership; positive organisational behaviour

ASSOCIATE PROFESSOR DAVID TAYLOR

Financial derivatives; mathematical finance; financial time series models (asset returns and volatility)

Senior Lecturers**DR VISSÉHO ADJIWANOU**

Maternal and Reproductive Health in sub-Saharan Africa, Gender Inequality, Demography, Endogeneity, Multilevel and Structural Equation Modelling

DR ELSAMARI BOTHA

Marketing Research and Digital Marketing

DR JOEL CHIGADA

Mobile marketing, digital marketing, mobile banking, international marketing strategies, biometric authentication information systems, cyber security systems and knowledge management

DR FRANCOIS DE KOCK

Personnel selection; development and validation of psychological tests; accuracy and bias in interview ratings

DR SHANNON KENDAL

Measuring and managing retirement product risk; taxation of retirement funds; living annuities, defined benefit valuation bases

DR DAVID MARALACK

Sport governance; sport policy and politics; sport and development; sport institution building; sport in transformation; sport strategic management; sport and tourism

DR SURE MATARAMVURA

Stochastic Calculus, Financial Mathematics, Insurance Mathematics, Game Theory, Behavioural Finance and Derivative Pricing and Hedging

DR INES MEYER

Humanitarian work psychology, intergroup relations in the workplace; transformation; workplace diversity, alienation + inclusion

DR CHAO NKHUNGULU MULENGA

Occupational Health Psychology, Recruitment and Selection; Academic Integrity; & Monitoring and Evaluation

MS SHIVANI RAMJEE (PART-TIME)

Healthcare financing, alternative reimbursement for health providers, risk adjustment for health financing, national health accounts, health service costing, medical price indices

MR DAVE STRUGNELL

Asset pricing; behavioural finance; experimental economics; decision making under risk and uncertainty

Lecturers

ADIILAH BOODHOO

Monitoring and programme evaluation; decision making in evaluation; recruitment and selection

RAEESAH CHOCHAN

Agency Theory in Marketing; Digital Marketing; Emotions in Marketing

MRS LANDI DU TOIT

Disability income insurance and vocational rehabilitation in South Africa; South African NSC maths performance vs. tertiary first year performance; Actuaries in the workplace – UCT graduate career paths

MRS CARREN FIELD

Programme evaluation; training evaluation; employee relations

MR STUART HENDRY

High-Technology Entrepreneurship; social entrepreneurship and action-based learning

DR AMEETA JAGA

Work-family issues related to culture and gender, breastfeeding at work, and women in STEM

MS CLAUDIA KALIL

Applied language and literacy studies; incentivising academic writing; scenario learning teaching practice

MS JOANNA LEGUTKO

Retirement and social security; subjective well-being

MR GAONTEBALE NODOBA

Inter-cultural Communication; Second Language Acquisition; Language Policy and Planning; Multilingualism in Higher Education

MR JACQUES ROUSSEAU

Nutrition and diet in the popular media; science and pseudoscience; critical thinking and decision theory; business ethics; and religious conflict

Emeritus Professor

EMERITUS PROFESSOR JOHN SIMPSON

Consumer behaviour; retailing; strategic marketing; management in sport; teaching methodology

Adjunct Professors

ADJUNCT PROFESSOR LORI FOSTER-THOMPSON

Organisational Psychology

ADJUNCT PROFESSOR FILIP LIEVENS

Organisational Psychology

ADJUNCT PROFESSOR HEATHER MCLEOD

Healthcare financing; risk adjustment; social security reform; health services research; palliative care and the financing of end-of-life care

Adjunct Associate Professors

ADJUNCT ASSOCIATE PROFESSOR JOERG KIENITZ

Computational finance

ADJUNCT ASSOCIATE PROFESSOR ANDREA MACRINA

Mathematical Finance

ADJUNCT ASSOCIATE PROFESSOR TOM MCWALTER

Mathematical and computational finance

UCT Honorary Professors

HONORARY PROFESSOR ECKHARD PLATEN

Mathematical finance

HONORARY PROFESSOR PETER RITCHKEN

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RESEARCH OUTPUT

Authored books

Grant, T.-L. and Borchers, R. 2015. *Communicating @ work*. 295pp. 3rd edition. Pretoria: Van Schaik. ISBN 9780627031786.

Chapters in books

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- souza, E. and Moultrie, T. 2015. Estimating the effect of HIV/AIDS on fertility among Malawian women using demographic and health survey data. *African Journal of AIDS Research*, 14(4): 315-321.
- Timaeus, I.M. and Moultrie, T. 2015. Teenage childbearing and educational attainment in South Africa. *Studies in Family Planning*, 46(2): 143-160.

Peer-reviewed published conference proceedings

- Bagraim, J.J. and Howard, T. 2015. HRM and employee commitment: does HR strength matter? In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), *Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.*
- Bridglall, S., Samuels, J., Smit, L. and Botha, E. 2015. Exploring the social motivations of sharing viral marketing content: the influence of gift giving and altruism. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), *Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.*
- Jaga, A., Koch, T. and Bagraim, J.J. 2015. It's the simple things that matter: departmental collaboration and personal consideration as predictors of work engagement and satisfaction with work-life balance. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), *Proceedings of The 27th Annual*

SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.

Priilaid, D.A. 2015. The hedonic pricing of whisky within a volume-discount retail environment. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.

Ramaboa, K. and Das, A. 2015. Drivers of SMS marketing for loyalty card holders in South Africa. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.

Strydom, S. and Louw-Potgieter, J. 2015. Depiction of program theory – does it matter? Proceedings of Exemplary Evaluations in a Multicultural World, 9-14 November 2015, Chicago, Illinois, USA. New York: The Guilford Press.

Graduate School of Business

Research report 2015

Head of School: Professor Walter Baets

School Profile

The GSB's overarching research mission is "engaged inquiry in a complex world." We seek to design and implement research so that it impacts on both theory and practice. This is particularly fitting to our context, given the many pressing organisational and social challenges facing our southern African societies, as well as the important opportunities arising from this context for contributing to global conversations on organisational theory, finance, and related scholarly domains.

Within this broad orientation, GSB research focuses on three thematic clusters. In our research node *emerging markets finance, investment and trade* we work on the impact of institutions on economic development and company strategies; democratisation, local governance and service delivery; and emerging financial markets and implications for corporate finance. In exploring *social innovation and sustainability*, we are concerned with the nature of intentional, collaborative work that creatively transforms social-ecological systems across multiple scales. In the cluster on *values-based leadership*, researchers focus on the growing concern about unethical behaviour among managers and on Africa-centric models of leadership.

During 2015 we published 18 journal articles, 13 book chapters, and one book. Highlights include Warren Nilsson's article in the *Academy of Management Review*, the highest ranked management journal (by impact factor). This is the first publication in this journal by a South Africa-based scholar, as far as we are aware, and Warren has won an award for best paper in this journal in 2015, to boot. Other high-impact papers include John Luiz's article in the *Journal of International Business Studies*. Our 2015 publications also include the book *The Business of Social and Environmental Innovation*, which was published by Springer and UCT Press and includes seven chapters by GSB academics and students.

Finally, given the practice-orientation of our research strategy, we have continued efforts to link research

and practice. Prominent recognition of such efforts includes UCT's Distinguished Responsiveness Award, which was awarded in 2015 to the GSB's Bertha Centre for Social Innovation and Entrepreneurship.

School Statistics

Permanent and Long-Term Contract Staff

Professor	8
Associate Professor	5
Senior Lecturer	16
Lecturer	4
Research Staff	2
Administrative and Clerical Staff	95
Total	130

Emeritus Staff

Emeritus Professor	4
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Students

Doctoral (PhD)	44
Master of Business Administration (MBA) Full-time	68
Master of Business Administration (MBA) Modular	80
Master of Commerce (MCom)	154
Master of Philosophy (MPhil)	19
Executive MBA	128
Executive Education	956
PG Dip (Management Practice)	74
Total	1523

Research Fields and Staff

Core Research Faculty

PROFESSOR WALTER BAETS

Director: GSB
Innovation, Knowledge Management, Management Learning, Non-linear dynamic (complex) behaviour in management, Pedagogical approaches,

Workplace Learning, Personal Development

PROFESSOR GEOFF BICK

Academic Director
Marketing, particularly Marketing Metrics

PROFESSOR RALPH HAMANN

Research Director, GSB
Research Chair in the UCT African Climate and Development Initiative
Business sustainability, social innovation, and cross-sector collaboration

PROFESSOR KURT APRIL

Leadership, Diversity & Inclusion

PROFESSOR NICHOLAS BIEKPE

Development Finance, Econometrics, Statistics and Financial Economics

PROFESSOR ANTON EBERHARD

Management, restructuring and regulation of network/infrastructure industries

PROFESSOR THOMAS KOELBLE

Globalisation, European politics, Business, governance and society, Electoral laws, South African democracy

PROFESSOR JOHN LUIZ

International Business; Business in Africa; Business, Society, and Government Economics of Emerging Markets

ASSOCIATE PROFESSOR KOSHEEK SEWCHURRAN

Innovation Management, Information Systems, Systems Thinking and Project Organising

ASSOCIATE PROFESSOR STEPHANIE GIAMPORCARO

Responsible, Sustainable and Impact investment, Developmental and Social Finance, Social Studies of Finance, anthropology of markets, economic sociology, French pragmatist sociology, institutional theory

ASSOCIATE PROFESSOR RICHARD CHIVAKA

Strategic Cost Management; Supply Chain Management; Business Strategy; Business Process Improvement

ASSOCIATE PROFESSOR MLENGA JERE

Marketing management and marketing communication strategies

ASSOCIATE PROFESSOR MILLS SOKO

International trade; Foreign direct investment; Doing business in Africa; Government-business relations in South Africa; Economic diplomacy; Regional economic integration, with a specific focus on Southern Africa

ASSOCIATE PROFESSOR HAMIEDA PARKER

Operations; Supply Chain Management; Entrepreneurship; Innovation and New Product Development

ASSOCIATE PROFESSOR JANINE MUKUDEM-PETERSEN

Economic Modeling; Econometrics; Financial Economics; Financial Markets; Financial Policy Analysis; Financial Modeling; Financial Optimization; Quantifying Risk; Risk Analysis; Risk Assessment; Banking and Institutional Regulation

DR. LINDA RONNIE

Managing people in organisations, Organisational change, Adult learning, Sociology of education, Research methodology, HR good practice and management, Organisational behaviour

DR. TIMOTHY LONDON

Values-based leadership, educational leadership, leadership for inclusion, leadership in the public sector

DR. FRANCOIS BONNICI

Director: Bertha Centre for Social Innovation and Entrepreneurship
Social innovation, social entrepreneurship, health

DR. SEAN GOSSEL

Applied Financial Econometrics, Applied Macro Econometrics, Development Finance, Capital Flows, Finance, Financial Risk Management

DR. KUTLWANO RAMABOA

Research Methodology, Statistics/Quantitative Methods (Multivariate techniques/Data mining)

DR. NCEKU NYATHI

Organisation studies and theory Leadership, Critical Perspectives on management, International management learning, Postcolonialism

DR. ELANCA SHELLEY

Executive Development; Systems Thinking; Organisational Diagnostics and Design

DR. JANINE EVERSON

Executive coaching, Leadership and team development, Large group facilitation, Organisational development, Productive dialogue skills, Virtual teams, Cross-cultural & global teams, Implementation of small and large-scale coaching interventions

DR. MUNDIA KABINGA

Innovation, Base of The Pyramid, Emergent Market Economic and Business Policy

DR. FARAI KAPFUDZARUWA

Corporate sustainability, Inclusive business, organisational strategy, emerging market

DR. STEVEN ROGERS

Housing market and urbanization in developing countries, social and public policy analysis, changing socio-spatial configurations in developing countries, emerging Markets and Urbanization, regional Economic Integration, governance and political economy in Africa

MR. LUNGELO GUMEDE

Corporate Finance and Option Theory

MS. FATIMA HAMDULAY

Operations management, Change leadership

MS. BEVERLY SHRAND

Marketing; Database Marketing; Business Administration

MR. LANCE STRINGER

Technology strategy and management, IT management

MR. JOHANNES SCHULER

Business strategy, innovation and entrepreneurship, operations management, business development

MS. NICOLA JOWELL

Inclusive Innovation, Innovation, Entrepreneurship, Macro Economics, Micro Economics, Development Economics

Emeritus Professors**PROFESSOR MARTIN HALL**

Digital solutions and connected learning; the politics of contemporary culture; higher education policy, practice and strategy; the archaeology of the colonial world

PROFESSOR NORMAN FAULL

Operations management, Strategy and implementation; Lean thinking in operations; Supply chain management; World-class manufacturing

PROFESSOR PAUL SULCAS

Information systems and technology, Business strategy, Applied business strategy, Change management

PROFESSOR TOM RYAN

Developing strategic capability, Executive development, Systems thinking

Research Office Staff**MS. NATALIE GORDON**

Research Co-ordinator

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RESEARCH OUTPUT

Authored books

Bitzer, V., Hamann, R., Hall, M.J. and Nwosu, E. 2015. *The Business of Social and Environmental Innovation*. 235pp. Switzerland: Springer International Publishing Switzerland. ISBN 9783319040509.

Chapters in books

April, K. and Syed, J. 2015. Race and ethnicity at work. In M. Ozbilgin, and J. Syed (eds), *Managing Diversity and Inclusion: An International Perspective*: pp. 134-181. UK: Sage Publications Ltd. ISBN 9781473927636.

Bitzer, V. and Hamann, R. 2015. The business of social and environmental innovation. In V. Bitzer, R. Hamann, M. Hall and E. Wosu Griffin-EL (eds), *The Business of Social and Environmental Innovation*, pp. 3-24. Switzerland: Springer International Publishing. ISBN 9783319040509.

Bland, C. and Hamann, R. 2015. Obstacles to firms' adoption of socially embedded approaches to BoP markets. In V. Bitzer, R. Hamann, M. Hall and E. Wosu Griffin-EL (eds), *The Business of Social and Environmental Innovation*, pp. 105-127. Switzerland: Springer International Publishing. ISBN 9783319040509.

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Giamporcaro, S. 2015. Responsible investment in France. In T. Hebb, J.P. Hawley, A. Hoepner, A. Neher and D. Wood (eds), *The Routledge Handbook of Responsible Investment*, pp. 262-276. UK: Routledge. ISBN 9780415624510.

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Hall, M.J. 2015. Institutional culture of mergers and alliances in South Africa. In A. Curaj, L. Georghiou, J. Cassingena Harper and E. Egron-Polak (eds), *Mergers and Alliances in Higher Education*, pp. 145-173. Switzerland: Springer Open. ISBN 9783319131344.

Luiz, J.M. 2015. Game in Africa: Seizing the Opportunity. In I. Adeleye, K. Ibeh, A. Kinoti, L. White (eds), *The Changing Dynamics of International Business in Africa*, pp. 242-261. UK: Palgrave Macmillan. ISBN 9781349703708.

McLachlan, M., Hamann, R., Sayers, V., Kelly, C. and Drimie, S. 2015. Fostering innovation for sustainable food security: the Southern Africa Food Lab. In V. Bitzer, R. Hamann, M. Hall and E. Wosu Griffin-EL (eds), *The Business of Social and Environmental Innovation*, pp. 163-181. Switzerland: Springer International Publishing. ISBN 9783319040509.

Methner, N., Hamann, R. and Nilsson, W.O. 2015. The evolution of a sustainability leader: the development of strategic and boundary spanning organizational innovation capabilities in Woolworths. In V. Bitzer, R. Hamann, M. Hall and E. Wosu Griffin-EL (eds), *The Business of Social and Environmental Innovation*, pp. 87-104. Switzerland: Springer International Publishing. ISBN 9783319040509.

Nilsson, W.O., Bonnici, F.G.E. and Wosu Griffin-EL, E. 2015. The social innovation lab: an experiment in the pedagogy of institutional work. In V. Bitzer, R. Hamann, M. Hall and E. Wosu Griffin-EL (eds), *The Business of Social and Environmental Innovation*, pp. 201-212. Switzerland: Springer International Publishing. ISBN 9783319040509.

Parker, H. and Luiz, J.M. 2015. Designing supply chains into Africa: a South African retailer's experience. In W. Piotrowicz and R. Cuthbertson (eds), *Designing Supply Chains in Emerging Economies; Lessons from Four continents*, pp. 65-85. Switzerland: Springer. ISBN 9783319057644.

Ronnie, L.C. and Herbert, K. 2015. Building, rebuilding, and sustaining a winning culture at the Madame Zingara restaurant group. In D.D. Warrick and J. Mueller (eds), *Lessons in Changing Cultures: Learning from Real World Cases*, pp. 94-110. UK: Rossi Smith Academy Publications. ISBN 0986459747.

Vassilopoulou, J., April, K., Da Rocha, J.P., Kyriakidou, O. and Ozbilgin, M. 2015. International diversity management: examples from the USA, SA, Norway. In J. Gamon (ed), *Cultural and Technological Influences on Global Business*, pp. 14-28. USA: Business Science Reference. ISBN 9781466639676.

Articles in peer-reviewed journals

Alhassan, A.L. and Biekpe, N. 2015. Efficiency, productivity and returns to scale economies in the

- non-life insurance market in South Africa. *Geneva Papers on Risk and Insurance-Issues and Practice*, 40(3): 493-515.
- April, K., Beall, C. and Peters, K. 2015. Understanding leadership through the arts. *Effective Executive*, 18(3): 31-61.
- Biekpe, N. and Fiador, V. 2015. Monetary policy and exchange market pressure-evidence from sub-Saharan Africa. *Applied Economics*, 47(37): 3921-3937.
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- Bitzer, V. and Bijman, J. 2015. From innovation to co-innovation? An exploration of African agrifood chains. *British Food Journal*, 117(8): 2182-2199.
- Bitzer, V. and Glasbergen, P. 2015. Business-NGO partnerships in global value chains: part of the solution or part of the problem of sustainable change? *Current Opinion in Environmental Sustainability*, 12: 35-40.
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- Dentoni, D. and Bitzer, V. 2015. The role(s) of universities in dealing with global wicked problems through multi-stakeholder initiatives. *Journal of Cleaner Production*, 106: 68-78.
- Hamann, R., Smith, J., Tashman, P. and Marshall, R.S. 2015. Why do SMEs go green? An analysis of wine firms in South Africa. *Business & Society*, 54(2): 1-34.
- Jere, M., Jere, A. and Aspelung, J. 2015. A study of small, medium, and micro-sized enterprise (SMME) business owner and stakeholder perceptions of barriers and enablers in the South African retail sector. *Journal of Governance and Regulation*, 4(4): 620-630.
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- Luiz, J.M. 2015. The impact of ethno-linguistic fractionalization on cultural measures: dynamics, endogeneity, and modernization. *Journal of International Business Studies*, 46(9): 1080-1098.
- Nilsson, W.O. 2015. Positive institutional work: exploring institutional work through the lens of positive organizational scholarship. *Academy of Management Review*, 40(3): 370-398.
- Nwosu, E. 2015. Network-based resources for the innovation process of South African micro-entrepreneurs: a conceptual framework. *South African Journal of Business Management*, 46(3): 79-89.
- Parker, H. and Brey, Z. 2015. Collaboration costs and new product development performance. *Journal of Business Research*, 68(7): 1653-1656.
- Parry, C., Pienaar, D., Ataguba, J.E., Volmink, J., Kredo, T., Jere, M. and Siegfried, N. 2015. Implication of Cochrane Review on restricting or banning alcohol advertising in South Africa. *SAMJ South African Medical Journal*, 105(2): 80-81.
- Qobo, M. and Soko, M. 2015. The rise of emerging powers in the global development finance architecture: the case of the BRICS and the New Development Bank. *South African Journal of International Affairs*, 22(3): 277-288.
- Reddy, C., Hamann, R. and Urban, B. 2015. Country-level entrepreneurship: crowding out the population's need for autonomy. *Acta Commercii*, 15(1): 292(8pp).
- Ronnie, L.C. and Penfold, R.F. 2015. Peer-to-peer psychological contracts in the South African wine industry. *SA Journal of Human Resource Management*, 13(1): 701(10pp).
- Sastry, A., Long, K.N.G., De Sa, A.M.R., Salie, H., Topp, S., Sanghvi, S. and Van Niekerk, L. 2015. Collaborative action research to reduce persistently long patient wait times in two public clinics in Western Cape, South Africa. *The Lancet Global Health*, 3: S18.
- Schorger, D.C.W. and Sewchurran, K. 2015. Towards an interpretive measurement framework to assess the levels of integrated and integrative thinking within organisations. *Risk Governance and Control: Financial Markets & Institutions*, 5(3): 44-66.
- Sephooko, M. and Biekpe, N. 2015. Financial integration and stability in the Southern African development community. *Interdisciplinary Journal of Economics and Business Law*, 79: 100-117.
- Swart-Opperman, C. and April, K. 2015. Individual emotive outlook profiles: successful and unsuccessful innovative Namibian Teams. *Acta Commercii*, 18(3): 31-61.
- Twum-Darko, M., Noruwana, N. and Sewchurran, K. 2015. Theoretical interpretation of e-government implementation challenges in South Africa: a case study of a selected provincial government. *Journal of Governance and Regulation*, 4(1): 175-185.

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Littlewood, K. and Bick, G. 2015. Developing the social media value chain: a conceptual framework for the measurement of social media. In A. Mesquita and P. Peres (eds), Proceedings of the 2nd European Conference on Social Media ECSM 2015, 9-10 July 2015, Portugal. UK: Academic Conferences and Publishing International Limited Reading. ISBN 9781910810316.

Musson, N., Bick, G. and Abratt, R. 2015. Perceptions of branded entertainment by generation Y consumers in South Africa. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.

Mwalemba, G., Sewchurran, K. and Ajumobi, O.D. 2015. Software industry of an emerging economy: a case of the Western Cape, South Africa. In G. Wiredu (ed), Proceedings of African Conference on Information Systems and Technology, 7-8 July 2015, Accra, Ghana. Ghana: Ghana Institute of Management and Public Administration. ISBN 9789988221164.

Ronnie, L.C. and Warburton, C. 2015. Management consultants in the public sector: impact of employee engagement. In S. Goodman, G. Human, C. Mulenga, D. Priilaid and J. Robertson (eds), Proceedings of The 27th Annual SAIMS Conference 2015, 30 August – 01 September 2015, University of Cape Town. Cape Town: Juta. ISBN 9780620665049.

Swart-Opperman, C. and April, K. 2015. Understanding innovation & emotive outlook of knowledge teams in Namibia. Proceedings of Ashridge International Research Conference, 12-14 June 2015, UK. UK: Ashridge Business School.

Graduate School of Development Policy and Practice

Research Report 2015

Head of School: Professor Alan Hirsch

School Profile

The School promotes the development of strategic public leadership, including a strong emphasis on accountability and trust in governance, including professional and academic training for senior public officials and those engaged in public policy in South Africa and other African countries and beyond. Its core academic programme is an executive Masters of Philosophy in Development Policy and Practice. It also runs a several executive short courses for public sector and non-profit sector managers.

The School engages in original research and generates evidence-based policy advice on critical development policy and practice challenges in Africa.

The School acts as a cross-cutting hub, bringing together and building on the academic resources of different faculties at the University of Cape Town, as well as those of local and international partners round the broad theme of governance and development in Africa.

The Building Bridges programme, facilitated by the School, brings together African experts and policymakers to deepen our practical understanding of key challenges plaguing the continent.

School Statistics

Permanent and Long-Term Contract Staff

Professor	2
Administrative and Clerical Staff	7
Total	9

Adjunct and Honorary Staff

Adjunct / Honorary Research Associate / Professors	4
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Students

Masters	60
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Research Fields and Staff

Permanent Staff

PROFESSOR ALAN HIRSCH

Head of Department
African economic development and political economy issues, especially South Africa and Zambia

PROFESSOR BRIAN LEVY

Academic Director
Political economy of development in Africa

DR JUDITH CORNELL

Director: Institutional Development and Planning

DR MARIANNE CAMERER

Programme Manager

HANNAH DIAZ

Executive Course Manager

ELVINA MOOSA

Postgraduate Programme Manager

KELVIN CHABALA

Finance and Operations Manager

Honorary Research Associate / Professor

PROFESSOR TREVOR MANUEL

Adjunct Professors

PROFESSOR ALISON GILLWALD

PROFESSOR LINDIWE MSENGANA-NDLELA

Distinguished Visitor

PROFESSOR THANDIKA MKANDAWIRA

Contact Details

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Fax: 0866 832 664

Email: wendy.hendricks@uct.ac.za

Website: <http://gsdpp.uct.ac.za>

RESEARCH OUTPUT

Articles in peer-reviewed journals

Levy, B. 2015. The tyranny of experts and the denial of inconvenient truths. *International Affairs*, 91(3): 615-621.