

The Centre for the Advancement of Scholarship 2015 Annual Report



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PREAMBLE

The overarching vision of the University of Pretoria is to be a leading research-intensive university in Africa, recognised internationally for its quality, relevance, impact, developing people, creating knowledge and making a difference locally and globally. Within the context of this vision, it is necessary to have unique centres of scholarship that can contribute to the development of outstanding research endeavours.

Fragmented knowledge and hyper-specialization in narrowly defined sectors of scholarship may have allowed our universities to compete more successfully internationally, but little of this knowledge has been used to facilitate the progress of our communities and society. In order to provide an environment in which there can be an exchange of ideas across disciplinary boundaries and across generations of scholars, the Centre for the Advancement of Scholarship was established in 2013. Its central purpose is to provide a locus for undertaking and debating new ideas in an environment in which there can be an interaction between senior scholars, eminent visiting scholars, postgraduate students and postdoctoral fellows.

The Centre brings together and provides the required intellectual home for senior scholars, postdoctoral fellows and postgraduate students to conduct scholarly debates across disciplines. Their work is conducted in a setting where it can be used to address important social issues within a multidisciplinary perspective. Of particular emphasis will be the contribution of the Humanities and Social Sciences to these debates.



MESSAGE OF THE DIRECTOR

The second full year of the existence of the Centre in its current form has resulted in the consolidation of its associated programs, the initiation of a new program in Environmental Humanities, and the continued activities of its associated scholars. Furthermore it has had a steady stream of visiting scholars who have spent periods of time working with colleagues in the University while being based in our facilities.

Prof Robin Crewe

During 2015, the University instituted the Vice-chancellor's book awards, one for a scholarly book in the humanities and the other in the natural sciences. Both of these book awards went to authors who were associated with the Centre, the one in Humanities to Prof. Lorenzo Fioramonti (Director: GovInn) and the one in the natural sciences to Prof. Jan Boeyens. These awards are welcome recognition of the scholarly environment that the Centre offers which make it possible for individuals to undertake the kind of sustained scholarly work that results in books that achieve substantial recognition in their fields.

The Human Economy Project had two of its doctoral candidates complete their studies and both will graduate in 2016. Two edited volumes have been published in the Human Economy Book Series and a third is nearing completion, which attests to the productivity of this program and the impact that its research is likely to have in the future. The other projects associated with the Centre have shown significant progress which is documented in the rest of this report.

Following from the visit by Prof. Poul Holm and Dr Charles Travis of Trinity College, Dublin to the Centre, we have initiated a program in Environmental Humanities and have started an African Observatory for Environmental Humanities that will serve as a means of co-ordinating research activities in this area across a number of African countries. This work is initially being supported by a grant from the Andrew W. Mellon Foundation to the CHCI. It is also part of an initiative of the Consortium of Humanities Centres and Institutes (CHCI) of which the CAS is a member. The broader aspect of the CHCI initiative is to encourage the establishment of a network of Humanities Centres in Africa.

The Centre was pleased to be able to welcome Prof. John Sharp as a new Research Fellow in Residence. He will continue to act as the leader and co-ordinator of the Human Economy Project. In addition, Prof. Niko Sauer joined us as a new research associate. He was the founding director of the Unit for Advanced Study from which the current Centre evolved. He is a distinguished mathematician who is working with the Structural Chemistry software development group and on mathematical problems of his own interest.

The Centre has now reach a point in its development where its achievements to this point and its future activities need to be considered in order to determine what its future role and trajectory should be. These considerations will need to be undertaken during the course of 2016 so that the direction of the Centre can be charted from 2017 into the future. In addition, it will be necessary to undertake a search for a new director of the Centre who will be able to lead the new stage in its life.

I would like to thank all of the members of the Centre and in particular the Centre's support staff for their committed engaged with the activities of the Centre and for ensuring that that these are successfully carried out. Finally, I would like to express our sense of deep loss on the passing of Prof. Jan Boeyens, one of our founding research fellows.

STAFF AND RESEARCH FELLOWS

Deputy Director



Prof James Ogude

Research Fellows in Residence



Prof Alan Mabin



Prof Sibusiso Vil-Nkomo



Prof Charles van Onselen



Prof Julian Muller



Prof Jan Boeyens¹



Prof Keith Hart

¹ Deceased in August 2015

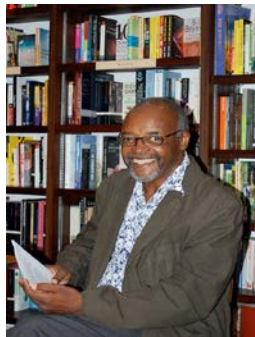


Prof John Sharp

Research Fellows at large



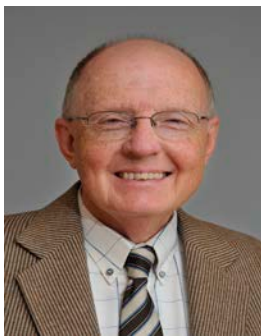
Prof Andries van Aarde



Prof Chabani Manganyi



Prof Ivan Horak



Prof Banie Penzhorn

CAS Associates



Dr Jannie Pretorius



Prof Johan Bergh



Prof Lorenzo Fioramonti



Prof Niko Sauer

Post-Doctoral Fellows

Human Economy



Dr Jason Musyoka



Dr Sean Maliehe

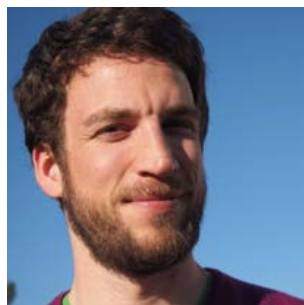


Dr Bosco Bae

Governance Innovation



Dr Chris Nshimbi



Dr Frank Mattheis



Dr John Kotsopoulos



Dr Cori Wielenga



Dr Camilla Adelle



Dr Sara Mercandalli

Capital Cities



Dr Britt Baillie

CAS Postdoctoral Fellow



Dr Sihle Moon

Support Staff



Mr Harry Ntombela
Project Manager



Mrs Cecelia Samson
Admin Assistant



Ms Martie Marneweck
Director's Assistant



Mrs Cecilia Bailie
Assistant to Prof van Onselen

Visiting Scholars

Poul Holm and **Dr Charles Travis**, Professors at Trinity College, Dublin, Faculty of Humanities. They participated in a workshop titled, 'The New Human Condition to facilitate humanities-led research on global environment'. Held on 9-10 April 2015

Prof Ann-Margaret Esner, Professor at the Andrew Young school of Public Policy, Georgia State University, she participated in the conference titled, 'Changing Capital Cities in Latin America, the Caribbean and Southern Africa', held on 21-22 April 2015. Prof Esner also hosted a seminar on disaster recovery, spent time working with graduate students and developed a research project proposal with Prof du Plessis (head of the Architecture department).

Dr Tommaso Vitale, Associate Professor SciencesPo (Paris) – delivered a lecture on the 11th May 2015 titled: 'The Effects of Metropolitan Governance Discontinuities. A research framework and some preliminary comparative results in London, Mexico City, Paris, and Sao Paulo.

Prof Emil Roduner, Retired Extraordinary Professor, Chemistry Faculty, University of Stuttgart, Germany – his book titled "Nanosopic Materials – size dependent phenomena and growth principles", published in 2014 was launched by the Centre on the 08 July 2015.

Prof. Robin F A Moritz, Extraordinary professor, Molecular Ecology Research Group, Institut fur Biologie, Martin-Luther University Halle-Wittenberg, Halle, Germany – working on a book with Prof Crewe on honey bee individualistic behaviour, from the 21 October 2015 until 02 November 2015.

Prof Karl Crailsheim, Institute of Zoology, Karl-Franzens University of Graz, Graz, Austria – conducting joint research with the Social Insects Research Group in the Department of Zoology, from 14 November 2015 until 28 January 2016.

Professor Robert Costanza and **Dr Ida Kubiszewski** from the Australia National University, Canberra, Australia participated in the public lecture titled 'The state of Ubuntu in South Africa: driver of change or buzzword?' on the 23rd November 2015.

RESEARCH PROJECTS ASSOCIATED WITH THE CENTRE

The Centre for the Advancement of Scholarship has made significant strides in fulfilling its mandate of creating an enabling environment for interdisciplinary research and participation, and counts among its achievements the different collaborative research Initiatives currently housed in its facilities.

Ubuntu Research Project (Funded by the Templeton World Charity Foundation)

Research leaders: Professor James Ogude, Professor Julian Muller, Dr Wilhelm van Deventer, Professor Christof Heyns and Professor Maxi Schoeman



Dr Wally Serote giving a talk in a project workshop titled: *Ubuntu and personhood, and on narratives of reconciliation and healing*, held in January 2015.

The Ubuntu project at UP is a multidisciplinary project with continental reach. It has attracted major funding from the Templeton World Charity Foundation in the first phase of research. The emphasis is on the contribution of the humanities and social sciences to deepening our understanding of 'personhood and identity' in Africa – or, phrased differently, self and community, *Ubuntu* or the East African variant *Utu*. At the same time, the focus is on how an indigenous value system such as Ubuntu can be mobilised in reconstituting community and in bringing about reconciliation and healing in post – traumatic contexts in particular.

Scholars at UP and from across the continent are engaged in different stages of research. In order to ensure the integrity and coherence of the overall project, four clusters define the project with researchers meeting frequently to share research output and insights.

Cluster one, headed by **Prof James Ogude**, focuses on unpacking and theorising the concept of Ubuntu;

Cluster two, headed by **Prof Julian Muller**, deals with Ubuntu in personal narratives and the significance of Ubuntu in African churches;

Cluster three, headed by **Prof Christof Heyns**, addresses Ubuntu and unlawful killings in Africa; and

Cluster four, headed by **Prof Maxi Schoeman**, examines Ubuntu as public policy and its role in inter-state relations.

Highlights for 2015

Major colloquia and workshops have been successfully organised not only in South Africa, but also in Zimbabwe and Kenya. The colloquia and workshops attracted some of the best minds working in the area of self and community, Ubuntu and personhood, and on narratives of reconciliation and healing. The results of these activities are being prepared for a special issue of the journal *Verbum et Ecclesia*, with a total of 13 articles – achieved in less than a year since the inception of the project. This initiative is thanks to Professor Muller's leadership in this regard. The tentative acceptance of a book proposal by the leading academic press Indiana University Press, although subject to a successful peer review process, is also a vote of confidence in the research being undertaken and its possible futures. The African Book Series Editor and the Advisory Editor for the African Philosophy Series have shown a keen interest in the project.

Consultation with key strategic partners on the development of the project parameters has included Ms Kathleen Hardy who was actively involved with the Marikana Commission. These consultations have been valuable in identify the key areas of concern with commissions of inquiry. Cluster 3 successfully facilitated the development of general comments on the right to life, articulating states' responsibility for realising the protection of this right including fostering accountability for violations of it. They are currently in their drafting phase and have been disseminated the document for comment.

A focus group of experts in the fields of research methodology and African Philosophy met on 21 July 2015.

A consultation in collaboration with the Centre for Contextual Ministry, University of Pretoria, took place on 22 – 23 September 2015. The consultation's theme was: Reconciliation and Spatial Justice. The land issue was examined in relation to the theme of reconciliation, which is an integral part Ubuntu. Representatives of churches, NGOs, Government, and academic institutions were involved.

Field visits are planned to five African countries to supplement the information the researchers have obtained thus far, and offer deeper insights into the various parameters being investigated for each Commission. A meeting on Commissions of inquiry and the right to life in Africa will be held later in the year. The meeting will include a discussion on the General Comment on the Right to life being developed by the Institute.

Prof Schoeman was invited by the Minister of International Relations and Cooperation to co-facilitate the 14th Meeting of Minister of Foreign Affairs of Africa and the Nordic Countries (9-10 April 2015) where the focus was the African Union's Agenda 2063.

The fact that Prof Muller could preach at the Baptist Church, Nakuru, Kenya, on Sunday 8th February 2015 was of great significance. This exposure to an active church within the city of Nakuru, situated within the Rift Valley and involved in the current efforts to heal the scars of the 2007 conflicts, was important for the project,. The sermon was on the healing of memories, which lead to lively discussions with the church elders afterwards, opening doors for further development of the research project in the area. The Church works closely with Dr Sung Park who is Prof Muller's research assistant in Kenya.

The Centre for the Study of Governance Innovation (GovInn)

Professor Lorenzo Fioramonti, Dr Ward Anseew and Dr Chris Nshimbi



Prof Fioramonti's participation in *"Measuring Well-being and Development in Africa"* a conference to bring together the best thinking and practice in going beyond GDP in the measurement of wellbeing and development in Africa, held in November 2015. From the left, Ebrahim Patel, Minister of Economic Development, Republic of South Africa, Joseph E. Stiglitz, Nobel Laureate, University Professor, Columbia University, Ravi Kanbur, T.H. Lee Professor of World Affairs, Charles H. Dyson, School of Applied Economics and Management, Cornell University and Lorenzo Fioramonti, Professor of Political Economy and Director of the Centre for the Study of Governance Innovation.

The Centre for the Study of Governance Innovation (GovInn) in the Department of Political Science is the first research institution in Africa dedicated entirely to governance innovation – in a range of spheres locally and internationally. In 2015, it continued to generate new thinking about governance, development and migration.

Its research focuses on alternative forms of development and migration, placing particular emphasis on the supranational regional dimension. "We explore the possibility of southern African countries experimenting with new systems of economic development, including land and water governance, as well as moving beyond GDP in assessing economic success," says Prof Lorenzo Fioramonti, Director of GovInn and the first and only incumbent of a Jean Monnet Chair in Africa. This Chair is awarded by the European Commission to distinguished academics in regional integration studies.

In addition, it looked at innovative relations among countries and networks operating across the Atlantic. In the context of migration, it investigated under-researched trends in the field of cross-border trade and assessed the possibility of people-driven regional cooperation producing innovations.

This kind of research, that is innovative and unconventional, has set the GovInn apart, making it a thought leader in its field. "By collecting data on new forms of governance, it strives to bridge the gap between innovative research, social change and policy impact. Our world and our region are facing many converging challenges. We need new thinking to address them. GovInn contributes to this by thinking 'outside the box' and making its research available to a wide range of actors in society," said Prof Fioramonti.

Currently consisting of 20 team members (including senior and junior researchers), the team is expanding. It also upgraded its partnership with the French agricultural research and international cooperation organisation, CIRAD. GovInn is about to launch a Cape Town office in collaboration with the University of the Western Cape – just one more way it is involving new thinkers in taking governance to the next level.

Highlights in 2015

Projects were expanded and a new research initiative focusing on South Africa's land governance launched.

The centre's annual conference, Governance Innovation Week saw the participation of over 400 people, as well as more than 70 international speakers.

GovInn hosted a high-profile workshop with chief statisticians from seven African countries to discuss a regional method to move beyond GDP in national income accounting.

GovInn completed a regional project on migration, MIWORC, which allowed it to launch a UNESCO Chair in Regional Integration, Migration and Free Movement of People.

Policy review and analysis of migration policy frameworks in the SADC region in collaboration with partners in the MiWORC research consortium.

Investigated portability of social protection across countries in and among member states of the SADC

GovInn, in collaboration with partners in the MiWORC research consortium, provided background research that was instrumental in the formulation of the SADC Regional Labour Migration Action Plan 2013-2015, endorsed by Ministers of Labour and Ministers of Home Affairs in Maputo, Mozambique.

GovInn participated in a Policy Dialogue on TB, Silicosis, HIV, Portability of Social Security Benefits and Compensations in Ezulwini, Swaziland, 8-10 July 2015 where it shared its research with parliamentarians from the Kingdom of Swaziland and other stakeholders and contribution towards finding solutions to the plight of ex-miners from the Swaziland Migrant Mineworkers Association (SWAMMIWA) and the Southern African Miners Association (SAMA) who had served in South African mines. Most importantly for the ex-migrant mineworkers, the MBOD/CCOD at the dialogue committed 3 billion rand set aside to compensate the ex-migrant mineworkers that had contracted occupational diseases during their service in South African mines.

Relationships were maintained with various donors, including the European Union (through various streams of funding), the Belmont Forum, numerous international agencies, the NRF, DST and private foundations.

Human Economy Project (Funded by Andrew W. Mellon Foundation)

Professors Keith Hart and John Sharp

The research project seeks to answer how the economy might become more human. Economies were always human, of course, in that people are indispensable to them; but how human interests are expressed in the dominant economies of our world is less obvious. It explores economy from the vantage point of people's concrete activities and aspirations, while taking in the human predicament as a whole. Southern Africa and the global South is the principal focus. The current world crisis provides a context for addressing the sources of inequality and devising development strategies based on what people want and are doing already.

In 2012 an inter-disciplinary cohort of six African PhD students from five countries was appointed and their main research focused on Southern Africa with the participants bringing research expertise from many geographical areas.

The Human Economy Research Programme received a second round of funding from the Andrew W. Mellon Foundation for the period 2015 to 2018. The Mellon grant makes it possible for the programme to host a second cohort of doctoral students and post-doctoral fellows, bring a number of visiting scholars to the University of Pretoria, and organise one or more international conferences on its research focuses for the next four years. These are 'Money in the Making of World Society' and 'Building a Human Economy in southern and central Africa'.

In 2015 the programme recruited six new doctoral candidates (from South Africa, Zimbabwe, and the DRC) and two postdoctoral fellows (one from South Africa, the other from Kenya) to undertake research on these themes. More post-doctoral fellows will be recruited in 2016.

Two of the six doctoral students in the first cohort that began in mid-2012 submitted their theses for examination in the course of 2015. One has already met all the requirements for the degree successfully; the other still awaits reports from the examiners. The remaining doctoral students from the first cohort will submit their theses early in 2016.

The Human Economy Research Programme's directors (Keith Hart and John Sharp) have a contract for a Human Economy Book Series with an international publisher. Volumes 1 and 2 in the series were published in the course of 2015.

Professor Keith Hart, the programme's International Director, gave a number of keynote addresses and public lectures on Human Economy-related topics in various parts of the world in the course of 2015.

The CAS and Mellon postdoctoral research fellow Dr Moon completed the manuscript for his book, titled "The Political Economy of Developmental State-making in South Africa". It traces state-making processes over the past 100 years, and underlines the primacy and centrality of politics and ideas (ideational factors) in shaping and conditioning the character of the state. Specifically, that the prospects for developmental state-making in contemporary South Africa hinge on the introduction of different politics (including a developmental leadership) and a new 'Big Idea' for change. Dr Moon delivered his first seminar on the 12th November 2015, exploring certain themes from the researched material.

Capital Cities: Space, Justice and Belonging

Professor Alan Mabin

The Capital Cities Project is an exciting, new cross-faculty research project initiated by the Faculty of Humanities, but involving several other faculties within the University of Pretoria community. Researchers and postgraduate students from the Faculties of Humanities; Law; Health Sciences; Natural and Agricultural Sciences; Engineering, Built Environment and Information Technology; Theology; and Economic and Management Sciences are collaborating by asking new questions about the city of Pretoria/Tshwane as a city, and as a capital city. The uniqueness of capital cities in general and our capital city in particular, will be investigated from the viewpoint of a variety of disciplines including arts and language, architecture and urban planning, social work, criminology, law, history, drama, psychology, anthropology, political science and economics.

The overall aim of the project is to create a platform for coherent research on and intervention in the city and other capital cities. This common meeting ground will facilitate and coordinate interaction among role-players that engage the City of Tshwane by their research and practice. The project will form a node around which postgraduate training and postdoctoral support can be organised, and from which the leveraging of funding will be facilitated. Collaboration with other universities, local and international communities and governmental departments and municipalities is envisaged.

The Capital Cities Project represents an invitation by the University of Pretoria to the residents of the city, civil society and public authorities on all levels, as well as international communities, to engage one another in theory and practice about the capital cities in which we live, and the capital cities in which we want to live.

Highlights in 2015

Capital Cities established functioning collaboration and research relationships with four leading international universities (University of Virginia, Sciences Po, Georgia State University and University of Brasilia) and developing relationships with universities in Delhi and Hong Kong.

Enhanced profile for UP city related research in South African urban studies field as reported by commentators.

Networks were established with City of Tshwane and Cool Capital Biennale.

Provided support via reading group (over 20 meetings), seminars and colloquia to approximately 20 graduate students at UP as well as junior staff.

New volume by Katherine O. Stafford entitled 'Narrating War in Peace: The Spanish Civil War in the Transition and Today' in the Palgrave Studies in Heritage and Conflict series co-edited by CCRIT's Dr. Britt Baillie.

From September 2014, research was conducted by various researchers on pathways out of homelessness. On 25 and 26 May 2015, a first of its kind Tshwane Homeless Summit was held where the research findings were presented. From the Summit, a recommended draft policy and strategy was compiled based on the research findings as well as what surfaced at the Summit.

New publication by CCRIT's Britt Baillie entitled: 'Heritage and the right/the right to heritage'
Published by The Heritage Seminar, Gothenburg University.

A new book in the Palgrave Studies in Cultural Heritage and Conflict Series entitled 'Social Memory and War Narrative: Transmitted Trauma among Children of Vietnam War Veterans' by C.D. Weber and co-edited by CCIRT's Britt Baillie is now available.

CCIRT's Britt Baillie's research on the heritage of Tshwane is quoted in the 23 April edition of the Pretoria News.

Dr. Baillie presented a paper entitled Contesting the Capital's Cultural Heritage: The Politics of Public Space in Tshwane at the 'Changing capital cities in Latin America, the Caribbean and Southern Africa' conference hosted by the Capital Cities Institutional Research Theme in collaboration with the Group of Latin American and Caribbean Embassies and High Commissions on 21 & 22 April at the University of Pretoria.

CCIRT's Chané Rama Dahya's research on Tshwane as a diplomatic city quoted in 27th April edition of The Pretoria News.

Public Sector and Policy Research

Professor Sibusiso Vil-Nkomo

South African public sector research lacks vigorous study and analysis with the field largely understood from an applied approach. As South Africa defines itself as a democratic developmental state and an emerging market economy, it has become imperative to produce research that would generate new knowledge that is appropriate. The research must also contribute to the body of knowledge that can be replicated in other parts of the world. This is important because South Africa has been integrated into the world system. Furthermore the research agenda is inspired by the work of individuals like Vito Tanzi who has examined the changing role of the state versus the markets. The research looks at public economics, income maintenance and distribution policy, economics of poverty and development policy, public service research – service delivery and the science of implementation, policy alternatives, political economy of development and urban and regional political economy and policy.

African Observatory for Environmental Humanities Program

Prof James Ogude

The degradation of the environment is a particular area of concern when it comes to the African continent. Issues concerning land development, pollution and climate change are becoming everyday realities gravely affecting people on all levels of society. While scientific evidence is available that makes scary predictions about the future, the reality is that the majority of these environmental issues are the results of human beings and their attitudes and behaviours.

The recently established African Observatory for Environmental Humanities understands this very well. It realises that humankind is at the forefront of the degradation of the Earth, but also recognises the potential for humankind to become responsible, aware agents of change.

The Observatory, which forms part of the Faculty of Humanities, recognises the many changes that have taken place over the years and draws on Africa's indigenous forms of nature conservation in an effort to move away from the negative effects of global capitalism, which contribute to the degradation of the African environment. The Observatory promotes the notion of 'earth keeping', which provides a model for preserving the Earth, and positions itself at the intersection of indigenous value systems and modernity.

The Observatory's point of departure in all its work is the spiritual idea found in a number of indigenous traditional societies in Africa, namely that human beings are keepers of the Earth rather than exploiters of the Earth.

Although still in its seedling phase, the Observatory already serves as a platform for discussions and research on key environmental issues, particularly those relating to disciplines in the humanities. Stemming from the research, the Observatory also assumes a role of advocacy in ensuring its work does not remain within the silos of the academia, but contributes to serious interventions on the ground.

The Observatory's research themes are rooted in viewing the environment in its totality, with little separation between humans, plants and animals. It seeks to resuscitate the spiritual notion that our environment and the resources it provides are not a commercial commodity that can be disregarded, but rather a God-given privilege that we should respect.

In all its research, the underlying focus of the Observatory is to return human agency to the environmental crisis. Some of its key thematic areas are social anthropology and literature; looking at the interface between indigenous and colonial conceptions of land; and indigenous practices related to sustaining the environment with a specific focus on the contrast between indigenous conservation approaches and the impacts of modernity. Political issues around natural resources are also addressed, such as the governance of common and trans-boundary resources like rivers. Other areas of focus include the rise of the African middle class, and the consumerist ideology in relation to issues of environmental sustainability in Africa.

2016 holds great promise for the Observatory as it sets out to offer postgraduate courses with a multidisciplinary focus. It also hopes to host a major workshop with position papers on its focus areas. The Observatory certainly looks set to become a significant agent of change at the University of Pretoria to pave the way to a healthier Earth.

The Director and Deputy Director

Prof Robin Crewe – Director

The Social Insects Research Group

Members of the SIRG include Profs Robin Crewe, Sue Nicolson, Cristian Pirk and Drs Fabien Demares, Hannelie Human and Abdullahi Yusuf.

The Social Insect Research Group (SIRG) at UP is studying the epidemiology of bee diseases and parasites, and monitoring the population densities of honeybee colonies in undisturbed habitats to establish what fluctuations are occurring in the wild population of colonies. The wild population of colonies is the crucial resource required for crop pollination in agriculture and for providing livelihoods for beekeepers

Work on the book manuscript “The Dark Side of the Hive” was continued in collaboration with Prof. Robin Moritz of the Martin-Luther- University of Halle-Wittenberg. The period from April to June 2015 was spent in Halle, Germany writing material for the book. Prof. Moritz spent a period of time in Pretoria working on the book and also supervising the work of a Ph.D. student. During the period in Germany the following invited lectures were presented:

Honey bee colony densities: pollinator availability in the future. Seminar at the Ruhr Universität Bochum, Bochum, Germany. 28 April 2015.

Contribution of Jean-Henri Fabré to the rise of chemical ecology. Remarks at the opening of Fabré Exhibition at the Ruhr Universität Bochum, Bochum, Germany. 29 April 2015.

Audience differentiation in the evolution of honey bee pheromonal systems. Seminar at the Institute for Zoology, University of Regensburg, Regensburg, Germany. 11 June 2015.

Evolution of honey bee pheromonal systems, audience differentiation and parsimony. Seminar at the Institut für Biologie, Martin-Luther-Universität Halle-Wittenberg, Halle, Germany. 15 June 2015.

A new Ph.D. student, Ms Fiona Mumoki who is being funded by an OWSD fellowship, has started work on a project which is exploring the genetic regulation of pheromone production in African honey bees with a view to gaining a more detailed understanding of infraspecific social parasitism. The work is being undertaken in collaboration with the University of Halle-Wittenberg.

The National Research Foundation conducted a re-evaluation of Prof Crewe’s work and indicated that he had been given a B2 rating for the period 2016- 2021.

Journal Articles:

Yusuf, A. A., Pirk, C.W.W. and Crewe, R.M., (2015) Mandibular gland pheromone contents in workers and queens of *Apis mellifera adansonii*. *Apidologie* 46: 599-572.

Okasun, O.O., Yusuf, A.A., Crewe, R.M. and Pirk, C.W.W., (2015) Effects of age and Reproductive Status on Tergal Gland Secretions in Queenless Honey bee Workers, *Apis mellifera scutellata* and *A. m. capensis*. *J. chem. Ecol.* 41: 896-903.

Neumann, P., Naef, J., Crailsheim, K., Crewe, R.M. and Pirk, C.W.W., (2015) Hit-and-run trophallaxis of small hive beetle. *Ecology and Evolution* 5(23): 5478-5486.

Strauss, U., Dietemann, V., Human, H., Crewe, R.M., an Pirk, C.W.W., (2016) Resistance rather than

tolerance explains survival of savannah honeybees (*Apis mellifera scutellata*) to infestation by the parasitic mite, *Varroa destructor*. Parasitology doi:10.1017/S0031182015001754

Conference Contributions

Crewe, R.M. Audience differentiation in the evolution of honey bee pheromonal systems. Joint ESSA/ZSSA Congress, Grahamstown, 12-17 July 2015.

Okosun, O.O., Yusuf, A.A., Crewe, R. M. and Pirk, C.W.W. Ontogenetic changes in the tergal gland secretions of queenless honey bee workers, *Apis mellifera scutellata* and *A. m. capensis*. Joint ESSA/ZSSA Congress, Grahamstown, 12-17 July 2015.

Prof. James Ogude –Deputy Director

Journal Articles:

J.Ogude, Dyer,T. (2015) 'The Search for Justice and Reconciliation in the Aftermath of the 2007 Post-election Violence in Kenya' in Polylog. Vol. (34). ISSN 1560-6325 ISBN 978-3901989-33-1

Editorship:

Editor in Chief of the publication: Chinua Achebe's Legacy: illuminations from Africa (2015), published by the Africa Institute of South Africa (an institute of the HSRC), ISBN: 978-0-7983-0490-0

Chapters in Books:

Ogude, J., (2015). 'Revisiting the African Archive: Chinua Achebe, Sol Plaatjie and the Re-making of African History', in Chinua Achebe's Legacy: illuminations from Africa, Ogude, J (ed), pp.138-144

Research Fellows

Prof Andries van Aarde

The Academy of Science for South Africa (ASSAf) selected Emeritus Professor Andries van Aarde as a member of the Committee on Scholarly Publishing in South Africa (CSPiSA) for the period 2015 to 2017. Two other UP staff members were also selected: Prof Robin Crewe as chairperson and Dr Leti Kleyn as a member.

The CSPiSA is one of the many Standing Committees of ASSAf. In the early 2000s ASSAf signed a formal memorandum of agreement with the South African government to oversee the implementation of objectives to conceptualise and produce scholarly publications and foster a new generation of highly competent and productive scientists and scholars in South Africa. As a member of the CSPiSA, Prof Van Aarde would like to contribute to fulfilling the Committee's responsibility for providing oversight over all the activities of ASSAf's Scholarly Publishing Programme.

Journal Articles:

Van Aarde, A.G., (2015). 'Faith as an Exceptional Religious State of Consciousness: A Pragmatic-linguistic Reading of Romans 12', in M. Nel, J.G. van der Watt & F.J.J. van Rensburg (eds.), The New Testament in the Graeco-Roman World, pp. 87-116, LitVerlag, Vienna.

Van Aarde, A.G., (2015). 'Peacemakers as children of God (Mt 5:9): A pragmatic-linguistic reading', HTS Theological Studies 71(1), Art. #2935, 9 pages. <http://dx.doi.org/10.4102/hts.v71i1.2935>

Van Aarde, A.G. and van Wyk, T., (2015). 'Metaphors for the encounter between God and humanity and a roaming theologian's reflective journey', HTS Theological Studies 71(3), Art. #3116, 9 pages, <http://dx.doi.org/10.4102/hts.v71i3.3166>.

Van Aarde, A.G., (2015). 'Little Faith: A Pragmatic-linguistic perspective on Matthew's portrayal of Jesus' disciples', In Luce Verbi 49(1), <http://dx.doi.org/10.4102/ids.v49i1.1898>

Van Aarde, A.G., (2015). 'Progress in Psychological Biblical Criticism', Pastoral Psychology 64(4):481-492, DOI 10.1007/s11089-014-0636-y

Van Aarde, A.G., (2015). 'Christian ethics from the perspective of neighbourly love: Rudolf Bultmann and Stoic ethics, HTS Theological Studies 71(3), Art. #2870, 12 pages. <http://dx.doi.org/10.4102/hts.v71i3>.

Van Aarde, A., (2015). 'Ecodomy: Life in its fullness – if love rules the oikoumenē', Verbum et Ecclesia 36(3), Art. #1396, 8 pages. <http://dx.doi.org/10.4102/ve.v36i3.1396>

Editorship:

Editor-in-chief of the publication of 175 original research, HTS Theological Studies, a Thomson Reuters ISI / Elsevier Scopus / SciELO SA accredited journal: (1) 70 year Anniversary Volume, dedicated to Johan Buitendag; (2) Section Practical Theology' (3) Urban Public Theology.

Editor-in-chief: HTS Theological Studies.

Chief Editor: AOSIS Publishing Scholarly Books.

Editor of the James Alfred Loader Festschrift (Emeritus Dean University of Vienna and among "UP 100 Leading Minds".

Other Research Activities:

Team leader of research project "Biblical Theology and Hermeneutics": 8 articles, authored by international scholars, published in a Thomson Reuters ISI and Elsevier Scopus accredited journal.

Chief Editor of AOSIS Publishing Scholarly Books, Monograph Series: Howes, Llewellyn, 2015, Judging Q and Saving Jesus (310 pages)

Professor Jan C.A. Boeyens– deceased 26 August 2015

Prof Jan Boeyens' book 'The Chemistry of Matter Waves' was a recipient of the 2015 Vice-Chancellors Book Awards for scholarly books, monographs or collections in the natural or applied sciences.

Chapters in Books:

Non-Classical Properties of Classical Nanostructures, chapter 3, pages 104-140 in:

MV Putz (ed.) Quantum Nanosystems. Structure, Properties, and Interactions

Apple Academics, Toronto Canada (2014). ISBN: 978-1926895-90-1.

Prof Ivan Horak

Journal Articles:

Fourie, J.J., Horak, I.G., Crafford, D., Erasmus, H.L. & Botha, O.J., (2015). The efficacy of a generic doxycycline tablet in the treatment of canine monocytic ehrlichiosis. Journal of the South African Veterinary Association, 86: 10 pp. doi: 10.4102/jsava.v86i1.1193.

Fourie, J.J., Liebenberg, J.E., Horak, I.G., Taenzler, J., Heckerroth, A.R. & Frénais, R., (2015). Efficacy of orally administered fluralaner (Bravecto™) or topically applied imidacloprid/moxidectin

(Advocate(R)) against generalized demodicosis in dogs. *Parasites & Vectors*, 8: 187 DOI 10.1186/s13071-015-0775-8

Uys, A.C., Harrison, A. & Horak, I.G., (2015). Questing ixodid ticks on the vegetation of sable antelope (*Hippotragus niger*) breeding enclosures and a surrounding multi-herbivore enclosure. *Journal of the South African Veterinary Association*. 86(1), Art. #1243, 9 pages. <http://dx.doi.org/10.4102/jsava.v86i1.1243>

Horak, I.G., Jordaan, A.J., Nel, P.J., van Heerden, J., Heyne, H. & van Dalen, E.M., (2015). Wildlife translocation: implications for disease and the introduction of foreign tick species into Free State Province, South Africa. *Journal of the South African Veterinary Association*. 86(1), Art. #1255, 9 pages. <http://dx.doi.org/10.4102/jsava.v86i1.1255>

Fagir, D.M., Horak, I.G., Ueckermann, E.A., Bennett, N.C. & Lutermann, H., (2015). Ectoparasite diversity in the eastern rock sengis (*Elephantulus myurus*): the effect of seasonality and host sex. *African Zoology*, 50:109-117.

Junker, K., Horak, I.G. & Penzhorn, B.L., (2015). History and development of research on wildlife parasites in southern Africa, with emphasis on terrestrial mammals, especially ungulates. *International Journal of Parasitology: Parasites and Wildlife*,

Chapter in a book:

Horak, I.G., (2015). The parasites of wild animals. In: *Game ranch management*. Editors J. du P. Bothma & J.G. du Toit: Van Schaik Publishers: Pretoria, pp. 456-471.

Prof Chabani Manganyi

Prof Manganyi is currently dealing with the final proofs of his forthcoming book which is due to be published by Wits University Press early next year. In July, he presented a paper as part of the Core Group working group at STIAS at Stellenbosch. The work is due to be published as part of an on-going series on the "Effects of Race" project at Stellenbosch University.

Professor Charles van Onselen

Completed another book titled '*Showdown at the Red Lion: The Life and Times of Jack McLoughlin, 1859-1910*'. This book was launched at the Centre on the 18th February 2015.

He is currently researching the links between selected events in the history of the American West and the 'Jameson Raid' of 1895.

CAS Associates

Dr Jannie Pretorius

Chemical Structural/Scientific Software development and Research

Since the introduction of a Scientific Cluster Computer in 2009, a substantial development in advanced Material Science emerged at the University of Pretoria. Material Science is involved in the development of computer software and a variety of materials, such as, polymers, semi-conductors, emulsions etc. Four departments across two faculties utilise the Scientific Cluster Computer for a variety of Chemical, Physical and Chemical engineering applications tied to a substantial number of PHD and MSc degree studies, resulting in a large number of peer reviewed articles been successfully completed using this facility as a main driving force.

Highlights for 2015

Collaboration with NECSA research laboratories (Dr's Andrew Pienaar & David Kock) is currently underway to optimize the series of compounds and organic species, all of which are used as charge capacitance materials in novel battery technology. At least 2 publications will result follow from this work.

A comprehensive newly constructed library of all Graphite structures, including the derivation of yet unobserved graphite phases derived iso-structures are underway. This will form part of a series of publications already submitted to postulate heat conductance phenomena for graphite, associated with a definitive model size derivation. 3 Publications are in the process of being compiled on this research.

A Finite Quantum chemical software system has been developed based on the initial system derived by Dr Skillman and Sherman (IBM Research Lab.) in the late 1960's. This development stemmed from the minor modifications applied by the late Prof Jan Boeyens (1977), for the derivation of the effective atomic radii applicable at stages of atomic oxidation. Only the 1st level of oxidation has however been derived and published. Further development by Prof Pretorius has shown that the modified software can also derive the exact atomic Oxidation Potential, Electron Affinity and Electron Potential (Electro Profile Potential). The latter constitutes a crucial property required to derive optimum Pseudo-potentials, used in the large Density Functional Electron structure software systems. A definite deficiency in quantification of these atom potentials is the cause of serious deficiencies in current non-time-based electronic structure simulations (undertaken globally).

An extensive interactive Graphical (Tk-based) software interface is currently being developed, supported by a generic database to cater for isotopic atoms and ions covering the entire Periodic Table.

Post-graduate Students under supervision

PhD-student: Me Natasha Misheer (South African) (1st year of study)

Title: "Computational modelling study of Chlorine Dioxide and its role in Water Purification Cycles", review article being prepared.

PhD-student: Mrs Homa Izady (Iranian) (2nd year of study)

Assistant Supervisor: JA Pretorius (Main Supervisor: Prof Walter Focke)

Title: "Natural clays as carriers for emulsified pesticides"

PhD-Student: Mr Okikiola Olaniyan (Nigeria) (1st year of study)

Main Supervisor: Prof N Manyala (Carbon Chair) Assistant Supervisor: JA Pretorius

Title: "Semi-conductors with graphene (triple layer) defects of S and P", review article being prepared.

PhD-student: Mr Sohaib Osman (Sudan) (1st year of study)

Main Supervisor: Prof J. Meyer (HOD Mech. Eng.)

Title: "Material development to enhance heat conductance centered towards continuous fluid stream in a closed pipe scenario"

Journal Articles:

Rautenbach, H. Tesfaye, M and Pretorius, J., (2015) 'Simulating the Fine Resolution Winds in South Africa using different Global Forcing Fields', Laboratory for Atmospheric Studies, Department of Geography, Geo-informatcs and Meteorology (GGM), University of Pretoria

Yiannou, A, Pretorius, J, Slabber, J, Meyer, J, Grote, W and Atanasova, A (2015) 'Quantitative confirmation of the phase structures of Natural Graphite and their model definition: PART II', submitted to: J. Mater. Sciences.

Conference Contributions:

Plenary presentation at the Annual Conference of the National Association for Clean Air (NACA), President Hotel, Bloemfontein, 30 September 2015 - 2 October 2015.

This paper to be submitted as a peer reviewed article.

Professor Johan Bergh

Annotated selection of the letters and speeches of President SJP Kruger Project

The project researches a selection of annotated letters and speeches of President SJP Kruger for the period of approximately 1850 – 1904, for publication in Afrikaans and English in 2016.

EVENTS AT THE CENTRE FOR THE ADVANCEMENT OF SCHOLARSHIP

In 2015 the Centre for the Advancement of Scholarship hosted visiting fellows, facilitated public events, symposia, talks and readings. These were as follows:

Symposia

GovInn week 01-05 June 2015 - the Governance Innovation week was a week-long series of events dedicated to the future of global politics and economic progress with some of the world's most innovative thinkers and leading academics. Events included public lectures, roundtables and seminars dedicated to building a more just, sustainable and peaceful global order.

Public lectures

The Political Economy of Developmental State-Making in South Africa_on 12 November 2015, by Dr Sihle Moon, Research Fellow, CAS

"The state of Ubuntu in South Africa: driver of change or buzzword?" on 23 November 2015, by Colin Chasi (University of Johannesburg), Joel Modiri (University of the Witwatersrand), Barbara Nussbaum (independent author), Leonhard Praeg (Rhodes University).

Colloquia

Colloquium of the Philosophical Society on 15-16 January 2015

Colloquium on Ubuntu and Personhood on 28 and 29 April 2015 by Prof James Ogude with keynote speaker: Waly Serote - This colloquium was the second in a series that sought to interrogate the idea of Ubuntu within the broad rubrics of the self and community in Africa

Round Tables

"Protecting the Rise or Fall of a Civilization from a Political Economy Perspective: Lessons from Greece and Europe". Articles being considered for publications in a journal and edited book volumes. Event was held in August 2015.

"Strategies and Approaches to Protect the Future of South Africa in a Volatile Unequal World Arrangement". Articles from roundtable being solicited for publication in a journal and edited book. Held on 8 September 2015

Workshops

Ubuntu Cluster 2 –workshop on 27-28 January 2015

Future Africa Progress and Design on the 02 April 2015 - Future Africa is an initiative to foster the new generation of science leaders, and to link them to research networks across the continent and the world.

Digital Humanities from 09-10 April 2015 – digital humanities and the New Human Condition to facilitate humanities-led research on global environmental change

Book Launches

Showdown at the Red Lion: the life and times of Jack McLoughlin 1859-1910, by Prof Charles van Onselen, Research Fellow CAS – book launched on the 18th February 2015

“Money from Nothing: Indebtedness and Aspiration in South Africa” by Deborah James, Professor of Anthropology at the London School of Economics and Political Science – book launched on the 14th April 2015.

“Nanoscope Materials: Size-Dependent Phenomena and Growth Principles” by Prof Emil Roduner, Retired Extraordinary Professor, Chemistry Faculty, University of Stuttgart, Germany – book launched on 08 July 2015.

NOTABLE EVENTS ASSOCIATED WITH THE CENTRE

UP and CIRAD dedicated to governance innovation

The University of Pretoria (UP) and the French Agricultural Research and International Cooperation organisation, working for the sustainable development in the South (CIRAD), have recently signed a five-year agreement establishing the Centre for the Study of Governance Innovation (GovInn) at UP as a joint centre.

With the establishment of GovInn as a joint centre, critical mass with regard to human resources, funding and experience will be reached. The aim is to become a recognised centre of excellence in and for Africa, dedicated entirely to governance innovation, as an ‘innovation laboratory’, capable of generating new thinking about governance and development.

GovInn is the first research institution in Africa dedicated entirely to governance innovation. It analyses and compares the complexity of decision-making processes in contemporary political and economic affairs. It focuses on cutting-edge research, as well as on advocacy and support mechanisms for innovative governance.

In contrast to the more traditional ‘government’, the idea of governance presupposes a fragmentation and diffusion of authority. In this regard, decision making, policy development and governance overall, being multi-actor and multi-level processes, have become more complex and need innovative thinking and support instruments. Some of the most promising innovations in contemporary governance have to do with how we redesign our economic model and, how we find better ways to share limited resources, and which instruments to develop to support innovative governance structures. GovInn focuses on innovation in the following areas: New Economic Governance, Governance of the Commons, Transboundary Governance and Security Governance.

Prof Robin Crewe elected to The Council of the World Academy of Sciences (TWAS)

At the General Meeting of The World Academy of Sciences held in Vienna, Austria on the 19th November 2015, Professor Robin Crewe, Director: Centre for the Advancement of Scholarship, was elected to serve for a further term as TWAS Council member (Africa). He will serve on the Council for a period of three years until the 31 December 2018.

RESEARCH REWARDS AND RECOGNITION



One of the winners of the Vice-Chancellor's Book Award, Prof Jan Boeyens with Prof Cheryl de la Rey, Vice-Chancellor and Principal, Prof Stephanie Burton, Vice-Principal: Research and Prof Norman Duncan, Vice-Principal: Academic.

Each year the University honours and celebrates researchers and academic achievers for their contribution to UP. The 2015 Vice-Chancellors Book Awards for scholarly books, monographs or collections were awarded respectively in the field of Humanities, Social Sciences, and the Natural and Applied Sciences. The 2015 recipients included Prof Lorenzo Fioramonti (2013), 'Gross Domestic Problem: the politics behind the world's most powerful number' (Zed Books); and Prof Jan Boeyens (2014), 'The Chemistry of Matter Waves' (Springer)

PUBLICATIONS FROM THE CENTRE AND PROGRAMS ASSOCIATED WITH IT

The Centre for the Study of Governance Innovation (GovInn)

Journal Articles:

Nshimbi, C and Fioramonti, L. (2014) "The Will to Integrate: South Africa's Responses to Regional Migration from the SADC Region". *African Development Review*, Vol 26, No S1, pp. 52-63. PUBNO R0-0081073

Chapters in Books:

Fioramonti L. (2014) "The European Development Strategy in Africa: The economic partnership agreement as a case of 'aggressive' multilateralism", in Bouchard, C, Peterson, J and N Tocci (eds), *Multilateralism in the 21st Century: Europe's Quest for Effectiveness*. UK: Routledge Taylor and Francis Group. ISBN 978-0-415-52004-1, pp 178-197. PUBNO RO-003822.

Fioramonti L. (2014) "The European Union promoting human rights and democracy in Africa", in Murithi, T (ed), *Handbook of Africa's International Relations*. UK: Routledge ISBN. 978-1-85743-633-4, pp 324-332. PUBNO RO-008134

Fioramonti L. (2014) "The Role of Civil Society in (Re) Shaping World Regions", in Fioramonti, L (ed), *Civil Society and World Regions: How Citizens are Reshaping Regional Governance in Times of Crisis*. UK: Lexington Books. ISBN. 978-0-7391-8710-4, pp 1-10. PUBNO RO-008281

Fioramonti, L and Kononykhina, O. (2015) "Measuring the Enabling Environment of Civil Society: A Global Capacity Index". *Voluntas*. Vol 26, No 2, pp 466-487.

Fioramonti, L and Kotsopoulos, J. (2015) "The evolution of EU-South Africa relations: What influence on Africa?", *South African journal of International Affairs*, Vol 22, No 4, pp 463-478.

Fioramonti, L. (2015) "A Post-GDP World? Rethinking International Politics in the 21st Century", *Global Policy*. Online journal: <http://www.globalpolicyjournal.com/articles/global-governance/early-view-article-post-gdp-world-rethinking-international-politics-21st->

Fioramonti, L and Mattheis, F. (2015) *Is Africa Really Following Europe? An Integrated Framework for Comparative Regionalism*. JCMS: Journal of Common Market Studies, doi: 10.1111/jcms.12307.

Slippers, B, Vogel, CH, Fioramonti, L. (2015) "Global trends and opportunities for development of African research universities". *South African Journal of Science*. Vol 111, No 1, pp 11-14.

Published Books:

Fioramonti L. (2014) *How numbers rule the world: The use and abuse of statistics in global politics* (1st Edition). London: Zed Books. 271 pp. PUBNO R0-007952

CAPITAL Cities: Space, Justice and Belonging

Chapters in Books:

Mabin, A. (2014) "In the forest of transformation: the 'northern suburbs' of Johannesburg", in G Gotz, P Harrison, Todes, A and Wray, C. (eds) *Spatial Transformations in Johannesburg* (Johannesburg: Wits University Press), pp. 395-417

Mabin, A. (2014) "Grounding southern city theory in time and space", in S Parnell and S Oldfield (eds) Routledge Handbook on Cities of the South (London) pp. 21-36

Mabin, A and Oranje, M. (2014) "The 1938 Johannesburg 'Town Planning Exhibition and Congress': Testament, Monument and Indictment", in R Freestone and M Amati (eds) Exhibitions and the Development of Modern Planning Culture (Aldershot: Ashgate) pp. 97-110

Human Economy Project

Editorship:

Keith Hart and John Sharp (Eds.). 2015. People, Money and Power in the Economic Crisis: perspectives from the Global South. Berghahn Books: Oxford & New York.

Keith Hart (Ed.). 2015. Economy for and against Democracy. Berghahn Books: Oxford & New York.

Public Sector and Policy Research

Journal Articles:

Vil-Nkomo, S, (2014) "Human Capital Investment and Development: The Heroes and Heroines of Democracy." Accepted for Publication in The Thinker: A Pan African Quarterly for Thought Leaders, Quarter 4, Volume 62

Vil-Nkomo, S. (2015) "Human Capital Investment and the Economics of Reconciliation "accepted by the Journal of Law, Society and Development: Multi-Inter- and Transdisciplinary Journal in the Unisa College of Law

Vil-Nkomo, S and Maserumule, HM. (2015) "Developing a Humanitarian Public Service for South Africa." Accepted for publication in the South African Journal of Public Administration

Vil-Nkomo, S., (2015) "Pan-Africanism an Ideal for Development: Enhancing the Knowledge for its Advancement and Achievement in the New Millennium"." Accepted for publication in a book edited by Kadija George titled: Progress and Possibilities for a Pan-African future, a Collection of Essays by 21 Global Activists, Leaders and Change makers".

Editorship:

Editorship of the publication 'Journal of Law, Society and Development, Vol 2, No 1 (2015)

Edited three articles for the Journal of Law, Society and Development (2015)

Guest editor for the Journal of Public Administration Special Issue for 2015

Reviewer:

Autobiography of Fanele Mbali titled: IN TRANSIT: MILITARY VETERANS

Special Lectures

"Emerging Trends in the Research of Public Administration". Delivered at 26 June 2015 conference of the Department of Public Service and Administration.

"Analysis and Understanding of the South African Economy: A Challenge for the Nation's Development Agenda". National Intelligence Academy, 26 November 2015.

Post-Doctoral Fellows

1. Dr Camilla Adelle (UK) (environmental policy) (2013-2020)
2. Dr Britt Baillie (USA) (Cities and Heritage) (2014-2016)
3. Dr Reason Beremauro (Zimbabwe) (regional migration) (2013-2015)
4. Dr Frank Mattheis (Germany) (regional migration) (2013-2018)
5. Dr Sara Mercandilli (France) Regional migration) (2015-2018)
6. Dr Chris Nshimbi (Zambia) (regional migration) (2013-2019)
7. Dr Cori Wielenga (South Africa) (Post – Conflict Resolution) (2015-2019)

Journal Articles:

1. Adelle, C, MaCrae, D, Marusic, A, and Naru, F. (2015) Regulatory Impact Assessment in developing countries: Opportunities and Challenges. *Journal of Public Money and Management*, Vol 35 No 3, pp 233-238.
1. Adelle, C, Jordan, A and Benson, D. (2015) The Role of Policy Networks in the Coordination of the European Union's Economic and Environmental Interests: The Case of EU Mercury Policy. *Journal of European Integration*, Vol 37, No 4, pp 471-489.
1. Adelle, C. (2015) Contextualising the tool development process through a knowledge brokering approach: The case of climate change adaptation and agriculture. *Environmental Science and Policy*, Vol 51, pp 316-324.
2. Baillie, B. (2015) 'Heritage and the right/the right to heritage' Published in 'Heritage as Common(s)-Common(s) as Heritage' by The Heritage Seminar, Gothenburg University.
7. Murambadoro, R and Wielenga, C. (2015) "Reconciliation in Zimbabwe: the conflict between a state-centred and people-centred approach". *Strategic Review for Southern Africa*, Vol 37, No 1, pp 31-52.

Books Published:

4. Mattheis, FT. (2014) *New regionalism in the South – Mercosur and SADC in a comparative and interregional perspective*. (1st Edition). Leipzig: Leipziger Universitätsverlag GmbH. 308pp. ISBN: 978-3-86583-919-0.

Chapters in Book:

1. Adelle, C and Weiland, S. (2015) "Sustainability Impact Assessment at Policy Level" in Elgar, E (ed), *Handbook of Sustainability Impact Assessment*.
1. Turnpenny J, Jordan A, Adelle C, Bartke S, Bournais T, Kautto P, Kuittinen H, Larsen LE, Moulogianni C, Saarela SR, and Weiland, S. (2015) "The use of policy formulation tools in the venue of policy appraisals: patterns and motivations" in Jordan AJ and Turnpenny JR (eds), *The Tools of Policy Formulation: Actors, Capacities, Venue and Uses*.

Participation in International and National Conferences:

5. Mercandalli S, Girodano T, and Losch, B. (2015) "Regional development: a model to unlock inclusive development in Africa". Communication at the Governance Innovation week 2015, Workshop : "inclusive development", 1-6 June 2015
5. Mercandalli S, and Nshimbi, CC. (2015) "Mozambican labour migrations, remittances and development, evidences, practices and questions to policy makers". Communication at the Governance Innovation week 2015, Workshop : "Cross borders migration and social cohesion". 1-6 June 2015.

6. Nshimbi, CC. (2015) "Globalization and the Threat of Marginalization: Towards a Definition of Marginalization". International Studies Association (ISA) Global South Caucus Conference 2015, Singapore, 8-10 January 2015.
6. Nshimbi, CC. (2015) "Oscillations: the effects of short-term policy considerations on regionalism in Southeast Asia and Eastern and Southern Africa". International Studies Association (ISA) Global South Caucus Conference 2015, Singapore, 8-10 January 2015.
6. Nshimbi, CC. (2015) Mozambican labour migrations, remittances and development: evidences, practices and questions to policy makers. Governance Innovation Week 2015: Workshop "The human side of regions: cross-border movements, trade and social cohesion", University of Pretoria, 1-6 June 2015.
6. Nshimbi, CC. (2015) Keynote Address on Policy Dialogue on TB, Silicosis, HIV, Portability of Social Security Benefits and Compensation, Government of the Kingdom of Swaziland, "Regional policy frameworks for viable 'portabilities' in Southern Africa", 8 July 2015.
6. Nshimbi, CC and Moyo, I. (2015) "Border practices at Beitbridge and Johannesburg inner city: Reflections on the SADC regional integration project". Border Regions in Southern Africa, Katima Mulilo, Namibia, 7 - 8 September 2015.
6. Nshimbi, CC. (2015) "Life in the fringes: economic and sociocultural practices in the Zambia-Malawi-Mozambique borderlands in comparative perspective". Border Regions in Southern Africa, Katima Mulilo, Namibia, 7 - 8 September 2015.
6. Nshimbi, CC. (2015) "The human side of regions: grassroots non-state actors and informal cross-border traders in the Zambia-Malawi-Mozambique growth triangle". Border Regions in Southern Africa, Katima Mulilo, Namibia, 7 - 8 September 2015.
6. Nshimbi, CC and Moyo, I. (2015) "Of Borders and Fortresses: South Africa's attitude towards crossborder movement as a critical factor in SADC's integration project". Border Regions in Southern Africa, Katima Mulilo, Namibia, 7 - 8 September 2015.
6. Nshimbi, CC., (2015). Keynote Address on "Regional policy frameworks for social protection rights in Southern Africa". SADC BIG Bi Annual Conference, 18 November 2015.
6. Nshimbi, CC. (2015) "Towards a single African economic space: informal cross-border traders and the COMESA-EAC-SADC tripartite free trade area negotiations". IGU Regional Conference 2015, Moscow: Problems of Contemporary Political Geography and Geopolitics.
6. Nshimbi, CC. (2015) Borders and illegalities: the practice of zalewa among informal cross-border traders versus cross-border access to social services in the Zambia-Malawi-Mozambique growth triangle. IGU Regional Conference 2015, Moscow: Borders and Illegalities.
7. Wielenga, C. (2015) Paper presented at the South African Association of Political Science (SAAPS) conference on The potential of regional transitional justice policy in Africa, hosted by the University of Johannesburg, September, 2015.
7. Wielenga, C. (2015) "Peacebuilding and transitional justice". ACCORD Series on the UN Peacebuilding Architecture. Online Forum.
Chapters in popular scientific books:

1. Adelle, C and Nilsson, M. (2015) "Environmental Policy Integration" in Pattberg, P and Zelli, F (eds), Encyclopedia of Global Environmental Politics and Governance.
1. Adelle C, Jordan A, and Benson, D. (2015) "The European Union" in Pattberg, P and Zelli, F (eds), Encyclopedia of Global Environmental Politics and Governance.
5. Losch B, Minsat A, Giordano T, Mercandalli S, Gabas JJ, Ribier V, Freitas L, Nguyen T, Ploen L, and Rettl P. (2015) "Regional Developments and Spatial Inclusion" in Losch, B (ed), African Economic Outlook 2015: Regional development and spatial inclusion. Paris: OCDE. ISBN 9789264232822 (print), pp 133 -231.
5. Mercandalli, S. (2015) L'agriculture dans le sud du Mozambique, une activité fondée sur les migrations de travail. In : Bosc Pierre-Marie, Sourisseau Jean-Michel , Bonnal Philippe , Gasselin Pierre, Valette Elodie, and Bélières Jean-François (eds.), Diversité des agricultures familiales : Exister se transformer, devenir. Versailles : Ed. Quae. ISBN 978-2-7592-2267-4, pp 127-142.
Editorship:
2. Stafford, KO. (2015) 'Narrating War in Peace: The Spanish Civil War in the Transition and Today' in the Palgrave Studies in Heritage and Conflict series co-edited by CCRIT's Dr. Britt Baillie
Report for an external body:
4. Mattheis, F. (2015). Scientific Paper no 23 - Regionalism and Interregionalism: The case of Latin America and Sub-Saharan Africa. Deliverable for Atlantic Future Project.
4. Mattheis F, Kotsopoulos J, and Adelle C. (2015) Atlantic Perspectives Interview Report 04 - Perspectives from Cameroon, South Africa and West Africa. Deliverable for Atlantic Future Project.
6. Nshimbi, CC. (2015) Regional trends and changing economic balances in Africa: whither East African Community. Report for Mapungubwe Institute for Strategic Reflection (MISTRA).
6. Nshimbi, CC and Fioramonti, L. (2015) Migration Policy Frameworks in Southern Africa. Report for the Ford Foundation.
6. Nshimbi CC, Liaga EA, Ongolo T, Mphohle P, and Nshimbi C. (2015) Strengthening Capacity for Disability Measurement across Africa. Report for the African Disability Alliance.
6. Nshimbi, CC. (2015) Development Challenges in Africa: Migration Policy Frameworks in Southern Africa and Prospects for Sustainable Development. UP Vice Chancellor's Breakfast Dialogue.

Publications by Individuals associated with CAS during 2015

Chapters in Books:

Dyer, U. (2015). Nationalism in Dialogue: Chimamanda Ngozi Adichie and Adaobi Tricia Nwabahi in conversation with Chinua Achebe's Characters in Chinua Achebe's Legacy: illuminations from Africa (2015), published by the Africa Institute of South Africa (an institute of the HSRC), ISBN: 978-0-7983-0490-0

AFTERWORD

Obituary: Jan CA Boeyens

Professor Jan Boeyens, former head of the Chemistry Department and Extraordinary Professor and Research Fellow in the Centre for the Advancement of Scholarship, passed away on Wednesday 26 August as a result of a heart attack. He had recently returned from Indaba 8, a conference organized by the South African Crystallographic Society, where the 3rd Jan Boeyens Prize was awarded to a young South African researcher who has made a distinguished contribution to the utilization of crystallography and other structural methods in a holistic manner to investigate fundamental problems in nature.

Prof Boeyens was born in Wesselsbron in 1934 and obtained his bachelors and masters degrees at the University of the Orange Free State and his doctoral degree at the University of Pretoria. He was a post-doctoral fellow at Stanford University in California and the University of Sussex in the United Kingdom. He lectured at the University of the Orange Free State and UNISA before moving to the CSIR and MINTEK. He moved to the University of the Witwatersrand in 1981 where he remained for 18 years, during which time he was Professor of Theoretical Chemistry, Director of the Centre for Molecular Design, head of the Chemistry Department twice and Dean of the Faculty of Science. He moved in 2000 to serve for a term as Professor and Head of the Department of Chemistry at the University of Pretoria, after which he became a senior research fellow in the Centre for the Advancement of Scholarship where he devoted his attention to his research interests.

He was regarded as an international leader in his field of crystallography, was the author of 270 journal articles, 6 books, numerous chapters in books and conference presentations. He was the recipient of a variety of awards including the South African Chemical Institute Gold Medal, the Ernst Oppenheimer Fellowship, the SA Akademie Havenga Prize, the Claude Leon Harris award and the Alexander von Humboldt Research prize. He delighted in his engagement with students and was the supervisor of 18 masters' students and 20 doctoral students, all of whom shared his vision of doing interesting and innovative science.

He was widely regarded as one of the most radical and innovative thinkers in his field and said: *"Chemistry is the progeny of alchemy as modified by the theories of modern physics. Even so, it still has not resolved the ancient enigma around the nature and origin of matter"*. He was determined to provide answers to this enigma, and made an attempt in his latest book: *"The Chemistry of Matter Waves"* Springer 2013, which won the UP Vice-chancellor's Book Award for the Natural Sciences in 2015. His colleagues, students and friends will sorely miss their engaging and challenging discussions with him. They will also miss his wonderful bonhomie and fondness for red wine. During his last moments, he was occupied with formulating the final paragraphs of a new manuscript: *"The Quantum Gamble"*, which was intended to stimulate young scientists to engage with the ideas presented in his book: *"The Chemistry of Matter Waves"*.