



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

The Centre for the
Advancement of Scholarship

2019

Annual Report



Make today matter

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MESSAGE FROM THE VICE-CHANCELLOR AND THE ADVISORY BOARD CHAIR

The year 2019 saw the University of Pretoria launch two important spaces: the Javett-UP Art Centre and the Future Africa Campus. It further marked a year of pioneering research and scientific breakthroughs. These achievements and advances in the University mark the University's dedication to provide spaces and opportunities for staff and students alike to build on the scientific advancements of previous years, and advance new projects and future-orientated approaches to African development and understanding.

This past year has taught us that important components of knowledge generation in response to multidimensional research questions are transdisciplinary research and increased collaboration between centres, departments and faculties, and between universities, research organisations and the broader community of practitioners that work in communities and environments that form part of combatting challenges in contemporary society. The University of Pretoria's approach to knowledge generation going forward valorises partnerships, collaborations and participation in networks that aim to co-create knowledge that matters for solving complex knowledge and real life issues. In this regard, our community of scholars have continued their future-orientated, multidisciplinary approaches to research. Research centres, such as the Centre for the Advancement of Scholarship (CAS), support the extension of knowledge in new and established areas, with African-centred research, looking to the future development of the continent as a whole, and to the future of global scholarship and scientific inquiry.

At the Centre for the Advancement of Scholarship, transdisciplinarity and collaboration remain central components of projects and their implementation. With a focus on creating space for intergenerational dialogue, the Centre's projects continue to span disciplines and perspectives, contributing to a growing African voice in academia, and engaging fellows in different stages of their careers to become involved in a multiplicity of academic exchanges.

The Centre's launch of the Andrew W. Mellon Foundation funded project on African Urbanities, starting at the beginning of 2019, embodies the University's focus on collaboration and transdisciplinarity. The project includes three other African universities (Makerere University, University of Ghana and University of Cape Town), and hosts a research team that covers disciplines such as architecture, literature and philosophy. This project exemplifies the need and the importance of diversity of thought in understanding and describing the challenges facing contemporary African societies, especially their urban imaginaries and their hinterlands.

The Centre's other ongoing projects furthered this model, with the Human Economy Programme engaged in the crosscutting topics of digital finance and food systems. The Centre's signature project on Humanities for the Environment continued its focus on extraction and the impact this has on the environment, and focusing on African knowledge systems that are employed to combat the effects of climate change. In 2020, the Centre is set to be a part of a multi-institutional project focusing on "Climate Justice and Problems of Scale", funded by the Consortium for the Humanities Centres and Institutes (CHCI). The Social Insects Research Group (SIRG) extended their research into the systems and behaviour of insects, in particular the honeybee.

In all these projects, the Centre continued to use its platform to engage not only their peers, but also to mentor postgraduate students, postdoctoral fellows and early career scholars. The University is appreciative of the research agencies, institutions and funders that have partnered with the Centre in achieving their mandate, and extending the reach of some of the exceptional research undertaken at this site.

I wish to extend my congratulations to the Director and the Fellows at the Centre for their sterling achievements in 2019, and to congratulate the Director for his recent "A" rating by the National Research Foundation (NRF), thus leading by example.

Professor Tawana Kupe

Chair of the Advisory Board of the CAS and
The Vice-Chancellor and Principal, University of Pretoria



James Ogude
CAS Director

MESSAGE FROM THE DIRECTOR

“Our ability to attract funds is a huge vote of confidence in the quality of work we are doing at the Centre, which can only grow in stature.”

The year 2019 marked another important chapter in the work of the Centre for the Advancement of Scholarship (CAS). We continued to build on an excellent record of multi-disciplinary research that has been at the heart of our vision since the founding of the CAS. It is rare to find a modern Centre where conversations, such as those around the problems that face the African continent and the broader humanity, are confronted through a complex intersection of inter- and trans-disciplinary research that readily transcends our traditional disciplines. This is true whether we are talking about the Human Economy projects on Digital Finance and the parallel markets on the African continent, or the convergence of Food Security and problems of climate justice and scale that brings into dialogue the work done in Environmental Humanities on extraction and related work on land and food systems.

Above all, we are equally united in the training of postdoctoral fellows and the early career scholars, whose important research trajectories are championed in the African Urbanities project and the Peer-Learning for Emerging Researcher's Knowledge and Advancement (PERKA) programme, both hosted at the Centre. The value of these last two projects is that they are not only continental, but they are also driven by collaborative research initiatives. These have afforded the Centre the platform to build networks and to raise its profile regionally and internationally. In this respect, we have been fortunate in raising local and international funding, for which we are most grateful to the funding agencies such as the Mellon Foundation, the

Oppenheimer Memorial Trust, and more recently, UK Research and Innovation (UKRI), the Global Challenges Research Fund (GCRF), and the African Research Universities Alliance (ARUA).

Our ability to attract funds is a huge vote of confidence in the quality of work we are doing at the Centre, which can only grow in stature. Moreover, our Senior Research Fellows continue to receive top awards and academic recognition from their peers and intellectual fraternities, both here and abroad. Prof Teboho Moja received a Life Achiever's Award for research from the NRF, while Prof Robin Crewe was admitted to the prestigious Hassan II Academy of Science and Technology in Morocco, as a foreign associate. Professor Crewe, together with Professor Sue Nicolson, continues to lead the Social Insects Research Group, otherwise known as “the Bee group”.

Finally, I wish to express my gratitude to those early career scholars, students and postdoctoral fellows, alike, who continue to keep our corridors and seminars vibrant with ideas; and to our Advisory Board members and the Vice-Chancellor for their unwavering support for the Centre.



EVENTS IN THE CENTRE IN 2019



16 April 2019

Seminar

What and who may have the greatest Impact on South African Elections 2019?
Prof Mcebisi Ndletyana, Prof Somadoda Fikeni and Dr Sithembile Mbete



9 May 2019

Seminar

Of Miracles, Deaths and Resurrections: The Commercialisation of Religion in South Africa
Professor David Luka Mosoma



23 May 2019

Seminar

The First Middle-Ear Transplant Using 3-D Printed Technology in the World: How we did it
Professor Mashudu Tshifularo



28 - 31 May 2019

Colloquium

Extraction and the Environment
With Professor Sara Guyer, Professor Gregg Mitman and emerging scholars from across Africa



4 June 2019

#FoodTalks Seminar

Creating a more equitable and just and democratic food system
Dr Tracey Ledger and Dr Lindiwe Sibanda



13 June 2019

Book Discussion

The Man Who Founded the ANC: A Biography of Pixley Ka Isaka Seme
Dr Bongani Ngqulunga



17 July 2019

Seminar

Deepening Australia-Africa knowledge: The role of the education sector - Discussion with a delegation from the University of Western Australia
Dr David Mickler (pictured) and Dr Nikola Pijović



24 July 2019

Discussion

Social Inclusion, Equity & Diversity in Higher Education: Discussion with New York University delegation
Dr Lisa Coleman, Professor Teboho Moja, Mr. France Monroe, and Mr. Rafael Gayoso



29 - 31 July 2019

Workshop

Entanglement, Mobility and Improvisation: Culture and the Arts in Contemporary African Urbanism



1 August 2019

Colloquium

The Women Who Changed South Africa:
Daughters of Our Founding Mothers and
Fathers



7 August 2019

#FoodTalks Seminar

Land and Food
*Professor Ruth Hall (pictured) and
Sithandiwe Yeni*



13 August 2019

Seminar

AI and Society: A development that has
to go together and the need for better
interpretability and transparency.
Dr Vukosi Marivate



5 September 2019

Lecture

The Annual Nadine Gordimer Lecture
(co-hosted with Wits and the Swedish
Embassy): Encounters with Nadine
Gordimer and Other African Writers
*Dr Per Wästberg (pictured with Professors
Ogude, Molly Brown and Vasu Reddy)*



22 October 2019

Seminar

Engaging the Environmental Publics:
Radical Ecologies and Activism
Dewa Mavhinga and Robby Mokgalaka



31 October 2019

Book Launch

The Night Trains: Moving Mozambican
miners to and from the Witwatersrand,
1902 - 1955
*Professor Charles van Onselen (pictured
with Professors Peter Vale, Tawana Kupe
and James Ogude)*



5 November 2019

#FoodTalks Seminar

Student hunger and achieving the right to
food for all, what role for universities?
*Professor Vishwas Satgar (pictured),
Oluwafunmilola Adeniyi, and Elgin Hlaka*



7 November 2019

Seminar

White Fragility, White Privilege, and
Building New Race Relations
Dr Robin DiAngelo and Lovelyn Nwadeyi

ADVISORY BOARD



“The overarching vision of the University of Pretoria is to be a leading research-intensive university in Africa, recognised internationally for quality, relevance, impact, developing people, creating knowledge and making a difference locally and globally.”



Professor Tawana Kupe

Chair of the Advisory Board and Vice-Chancellor of the University of Pretoria



Professor Akosua Adomako Ampofo

University of Ghana



Professor Stephanie Burton

Vice-Principal responsible for Research and Postgraduate Education, University of Pretoria



Professor Robin Crewe

CAS Research Fellow, University of Pretoria



Professor Hendrik Geyer

Director of STIAS, University of Stellenbosch



Professor Theo Goldberg

Director of UCHRI, University of California



Dr Marc Wegerif

CAS Postdoctoral Fellow, University of Pretoria



Professor Njabulo Ndebele

Chancellor, University of Johannesburg



Professor James Ogude

CAS Director, University of Pretoria

EXECUTIVE COMMITTEE



Professor James Ogude

CAS Director, University of Pretoria
Chair of the Executive Committee



Professor Stephanie Burton

Vice-Principal responsible for Research
and Postgraduate Education, University
of Pretoria



Professor Jean Lubuma

Dean of the Faculty of Natural and
Agricultural Sciences, University of
Pretoria



Professor Vasu Reddy

Dean of the Faculty of Humanities,
University of Pretoria

“The Centre brings together and provides the required intellectual home for senior scholars, postdoctoral fellows and postgraduate students to conduct scholarly debates across disciplines.”



STAFF



“Fragmented knowledge and extreme specialisation in narrowly defined sectors of scholarship can allow universities to compete very successfully within these fields of scholarship, but little of this knowledge has been used to facilitate the progress of our communities and society.”

RESEARCH FELLOWS



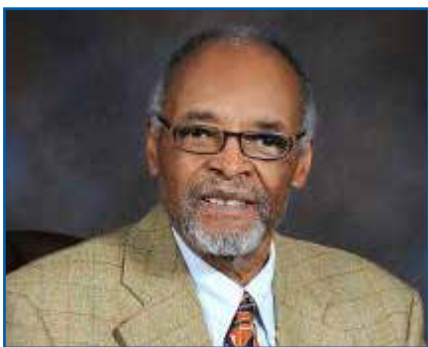
Professor Johan Bergh¹



Professor Robin Crewe



Professor Tinyiko Maluleke



Professor Chabani Manganyi



Professor Sue Nicolson



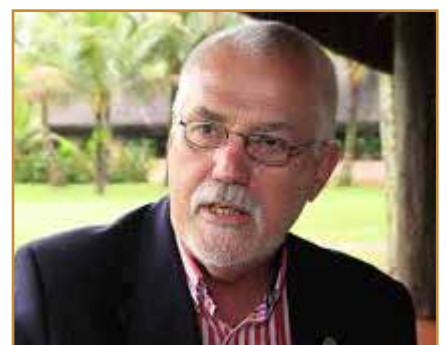
Professor Niko Sauer



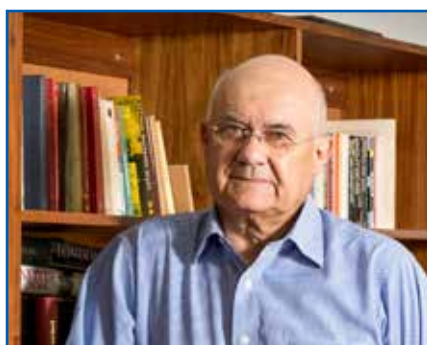
Professor John Sharp



Professor Frans Swanepoel



Professor Peter Vale



Professor Charles van Onselen



Professor Sibusiso Vil-Nkomo

¹ Professor Johan Bergh left the Centre in June 2019.

VISITING RESEARCH FELLOWS



Professor Teboho Moja



Professor Lindiwe Sibanda

RESEARCH ASSOCIATES



Dr Sipiwo Mahala



Dr Melody Mentz-Coetzee

POSTDOCTORAL FELLOWS



Dr Pyemo Afego



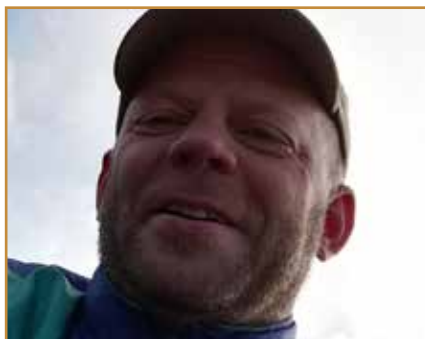
Dr Willeke de Bruin



Dr Farai Kapfudzaruwa



Dr Tafadzwa Mushonga



Dr Marc Wegerif



Dr Samuel Okunade

SUPPORT STAFF



Ms Cecilia Bailie



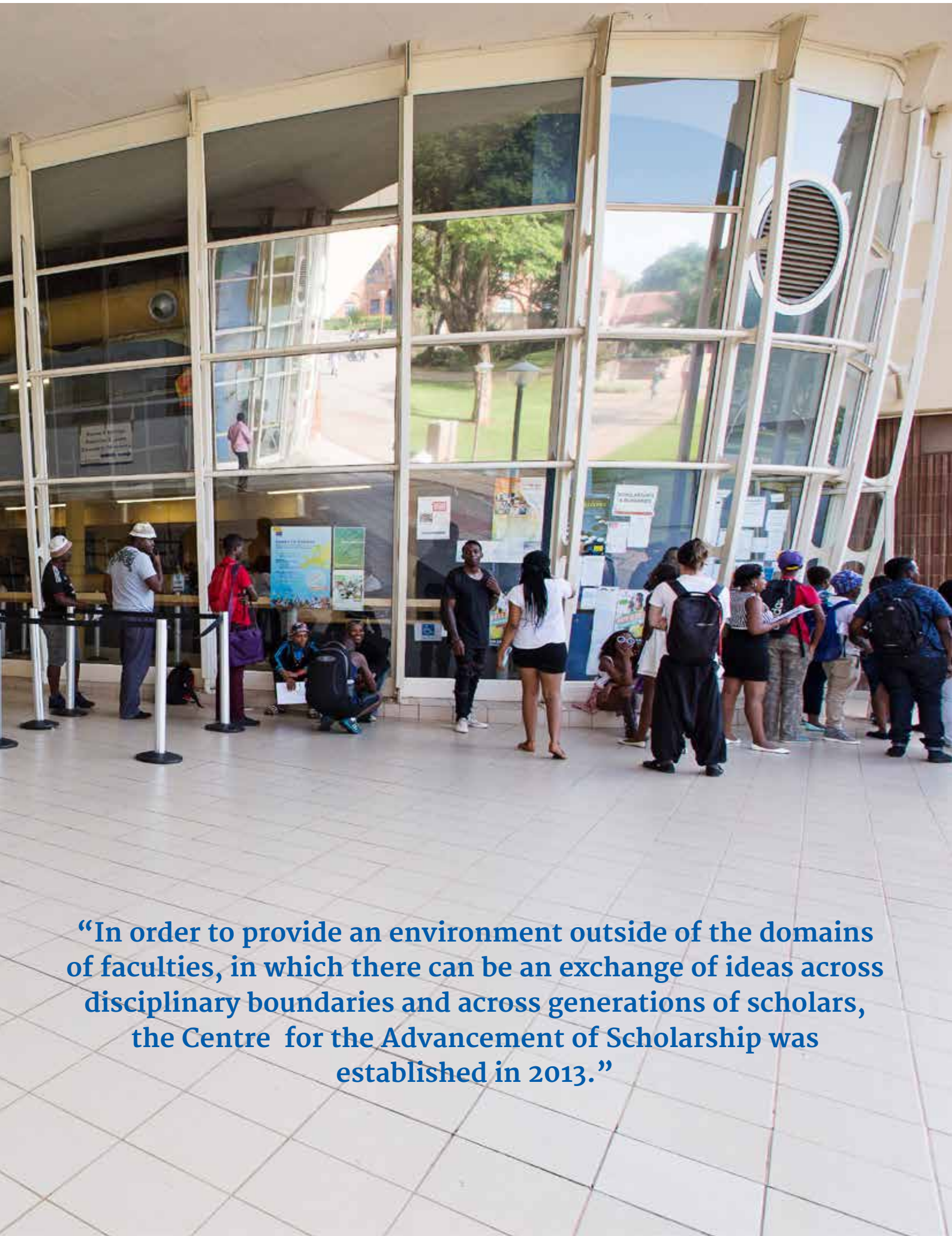
Ms Kirsty Nepomuceno



Ms Cecelia Samson



Ms Ayanda Sihlahla



“In order to provide an environment outside of the domains of faculties, 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.”

African Observatory for Humanities for the Environment



Professor James Ogude

From 28 to 31 May 2019, the African Observatory for Environmental Humanities at the Centre for the Advancement of Scholarship hosted a group of African and international scholars, in a colloquium, to discuss **Extraction and the Environment** as part of its objective to foster exchange and collaboration between multi-disciplinary scholars from across Africa in the field of Environmental Humanities.

The University of Pretoria Vice-Chancellor and Principal, Professor Tawana Kupe, opened the colloquium by drawing attention to increasing levels of environmental degradation in Africa, the enormity of today's environmental challenges, and the need for multidisciplinary academic research in support of the progress made by natural scientists. The Vice-Chancellor applauded the designation of Environmental Humanities as the signature project for the Centre for the Advancement of Scholarship, and the colloquium for encouraging the growth of the African Observatory on the environment.

Professor James Ogude, the Director of the Centre for the Advancement of Scholarship and convenor of the colloquium, gave a brief background to the African Observatory for Environmental Humanities and the Centre's signature project. He emphasised the need to develop young African scholars in the area of Environmental Humanities, given the continent's vulnerability to environmental crisis and the potential for Humanities in providing solutions.

The colloquium hosted Professor Sara Guyer from the Consortium for Humanities Centres and Institutes (CHCI), who highlighted the CHCI's interest in creating global networks attentive to local and regional environmental issues. The CHCI was a sponsor of the event at the University of Pretoria.

The colloquium had two keynote addresses: the first by Professor Gregg Mitman (University of Wisconsin – Madison) on 'Parasites of Capital: Land, Labour and Disease in the Making of the Firestone Plantations'; and the second by Professor Emil Roduner (University of Stuttgart and visiting fellow to the University of Pretoria) on 'Carbon Dioxide, Climate Change and an Energy Transition for a Future Africa'.

The themes of the keynote addresses and guest presentations were developed over three thematic sessions, consisting of six panels, from a combination of established and early career scholars in the Environmental Humanities. In addition to the presentations, two documentaries were screened during the

colloquium – *The Land Beneath Our Feet*, which featured large-scale land grabs in Liberia and their impact on livelihoods, and Uppland, which focused on the intersection of colonialism, environmental destruction and negative consequences of industrialisation.

Overall, the themes of the colloquium emphasised the need for African perspectives in the broad environmental humanities debate, especially concerning the link between extraction on the African continent and the historical legacy of colonialism. Discussion on topics ranging from land, indigenous knowledge systems and spirituality, infrastructure and development, to legal policies and extraction, revealed the unique bearing these issues have on the African continent in light of the legacy of colonialism and its continued impact on human ecology and the broader issues of environmental degradation, especially in the age of Anthropocene.

After the colloquium, work was undertaken as the research group worked towards the publication of proceedings, with revision and editing of submissions continuing into 2020.



From left: Professors Sara Guyer, Tawana Kupe (VC), Gregg Mitman and James Ogude.



Tafadzwa Mushonga

Dr Tafadzwa Mushonga is a postdoctoral fellow at the Centre for the Advancement of Scholarship, and a member of the Environmental Humanities research group.

Dr Tafadzwa Mushonga

In 2019, Dr Mushonga participated in several events, including: the planning and hosting of the colloquium on *Extraction and the Environment* from 28 to 31 May; participating in the Tuks Young Research Leader Programme from 14 to 15 October at Future Africa; hosting a seminar on 'Engaging the Environmental publics' on 22 October at the Centre; and participating in a workshop on 'Teaching Environmental Humanities' held at the Rachel Carson Centre in Munich, Germany, from 21 to 24 November.

Dr Mushonga's publications focused on teasing out papers from her PhD thesis, which broadly focused on violent environmentalism in protected areas, which resulted in three outputs. The first is titled "The militarization of conservation and occupational violence in Sikumi forest reserve, Zimbabwe", which was submitted to *Conservation and Society Journal*. The second is titled "Violent forests, local people and the role of the state in

Zimbabwe", which was submitted to an edited volume on *The State, Conservation and Militarization* edited by Professor Frank Matose and Professor Maano Ramutsindela from the University of Cape Town, and by Dr Mushonga herself. The third output is titled "Resource extraction, violent exclusion in Sikumi Forest reserve, Zimbabwe", which was submitted for the proposed publication on the Poetics and Politics of Extraction and the environment, as a follow up publication to the colloquium in May 2019.

Dr Mushonga conducted fieldwork in November 2019, focusing on sand abstraction and housing development in the greater Harare region of Zimbabwe. The work is expected to interrogate several issues, including violent environmentalism, economic and environmental aspects of extractivism, and development.

Human Economy Programme

Professor John Sharp

In 2019, the Human Economy Programme was funded by the Oppenheimer Memorial Trust.

With new funding, the programme issued a call for applications for two postdoctoral fellowships and two doctoral scholarships in the Human Economy Programme, which was distributed widely in and beyond South Africa. More than 25 applications were received.

The following applicants were offered positions in the programme:



Postdoctoral Fellow

Dr Pyemo Afego

Research Topic: *Alternative Funding for MSMEs in Africa*



Nelco 'Zakes' Hlatshwayo

Research Topic: *Land Reform in post-apartheid South Africa*



Doctoral Scholarships

Stephen Hahlani

Research Topic: *History of the Mbare Agriculture Market*



Eric Magale

Research Topic: *Quick loans on mobile platforms in Kenya/unsecured lending in South Africa*



The programme also recruited **Francis Selialia**, as a doctoral candidate to undertake research on 'Financial Services Co-operatives in Kenya and South Africa'.

Dr Marc Wegerif's project on Land Reform, Markets, and Agrarian Change



Dr Marc Wegerif

Dr Wegerif has mentored two of the doctoral students, Mr Hlatshwayo and Mr Hahlani, into research on, respectively, the history of the Mbare agricultural market in Harare and the state's Agriparks initiative that is intended to assist emerging farmers in South Africa.

Dr Wegerif has embarked on new field research himself that will extend his doctoral study of the 'symbiotic food system' in Dar es Salaam to various sites in South Africa. Dr Wegerif's work aimed to provide empirical data and new theoretical insights that could inform discussions and policy recommendations on achieving the right to food and contribute to the understanding of a 'human economy' within which that can be sustainably achieved.

Since mid-2019, he has presented papers on his project's themes at several national and international conferences. He has had a chapter accepted for a book to be published by Routledge in 2020, and he has published a number of popular articles and op-eds in local and international media on the above themes. Dr Wegerif has put considerable effort into aligning his project with the concerns of other research programmes with related interests (such as PLAAS at UWC and the DST/NRF Centre of Excellence in Food Security; LANDac at the University of Utrecht in the Netherlands; Wageningen University and Research in the Netherlands; the International Land Coalition; and UN Women). Dr Wegerif has been involved with the supervision of students, lecturing and contributing to the academic activities of the University.

In 2019, Dr Wegerif initiated and organised a series of three #FoodTalks seminars held at the Centre for the Advancement of Scholarship at University of Pretoria. This was in collaboration with Centre for the Study of Governance Innovation and the CoE of Food Security. These seminars covered topics related to food systems, land and food security, and food security at tertiary education institutions. They were addressed by seven different speakers and held on 4 June, 7 August and 5 November. Later in 2019, Dr Wegerif initiated and played a leading role in the organising of a seminar on White Fragility and White Privilege, which was held on 7 November at the University of Pretoria and was addressed by New York Times best-selling author, Robin DiAngelo, and by Lovelyn Nwadeyi.

Dr Wegerif joined the Human Economy Programme at the start of 2018. Since then he has received a growing number of invitations to contribute to conferences and to briefing documents for policy makers in his field, as well as to provide expert testimony to state commissions. This indicates that he and his research project are gaining increasing attention.



#FoodTalks Seminar: 4 June 2019
Creating a more equitable and just and democratic food system
Dr Tracey Ledger and Dr Lindiwe Sibanda



#FoodTalks Seminar: 7 August 2019
Land and Food
Professor Ruth Hall and Sithandiwe Yeni



#FoodTalks Seminar: 5 November 2019
Student hunger and achieving the right to food for all, what role for universities?
Professor Vishwas Satgar, Oluwafunmiola Adeniyi, and Elgin Hlaka

Professor John Sharp's project on Digital Finance in Africa's Future: Innovations and Implications



Professor John Sharp

The extensive report on the conference, co-hosted late in 2018 by the Human Economy Programme and the Johannesburg Institute for Advanced Study (JIAS), appeared in September 2019.

The report has been widely circulated in South Africa and abroad. The report has given direction to the research being undertaken by the two students whom Professor Sharp is supervising. Dr Pyemo Afego has embarked on field research regarding the owners of SMEs supplying goods or services to various levels of government in Gauteng, with the aim of establishing how they deal with delayed settlement of invoices. Mr Magale will examine the rise of the unsecured lending industry in Kenya over the last 15 or so years.

His research will be complemented by another doctoral student set to join the programme in 2020. The latter will examine the rise of the unsecured lending industry in South Africa, building on and updating the research reported in Deborah James' book *Money from Nothing*. Professor Sharp also has another doctoral student conducting comparative research on co-operative financial institutions in South Africa and Kenya.

Professor Sharp has been invited to address a conference on 'Digital Disruption and Automation in Banking and Finance' in Johannesburg in March 2020 (presumably on the strength of the 'Digital Finance' report). Dr Sibel Kusimba will join him at UP for her sabbatical leave from the American University, Washington, in 2020 in order to collaborate on developing the report into an accessible academic publication.



Urbanities Project



Professor James Ogude

In 2019, the Centre embarked on an Andrew W. Mellon funded project titled “Entanglement, Mobility and Improvisation: Culture and Arts in Contemporary African Urbanism and its Hinterlands”. This project included partnership with three leading African universities: the University of Cape Town, the University of Ghana and Makerere University.

The project seeks to focus on the mentoring of young scholars who will include PhD students, post-doctoral fellows and early career academics, drawn from the four Universities involved in the project. It seeks to combine the models of post-graduate supervision, summer institutes and workshops – activities that will be spread across the four universities during the five-year duration of the project.

Conceptually, the project seeks to move beyond the current scholarship on African cities that tends to focus on African cities as little islands that are separated from their hinterlands – the rural other. Working through a range of cultural formats and artistic genres, the project hopes to surface the defining features of these urban spaces and their rural hinterlands. The cities identified for this study are Kampala, Pretoria, Johannesburg, Cape Town, Accra, Nairobi and Lagos. These cities share African roots, but are also distinctive, because of their shared colonial/apartheid histories, their multiplicity of old and invented languages, and their innumerable waves of immigrants from their rural hinterlands, some of whose origins readily violate national boundaries, and who continue to bring labour, culture and new creative economies. The project aims to examine how looking at the cities from the perspectives of the rural, and specifically through the mobility of people, ideas, cultural forms and arts between the cities and the rural spaces, enables us to witness the transformation of marginal and precarious lives into lives that exceed constraining structures emanating from the political and social hierarchies embedded in these cities.

In 2019, the University of Pretoria recruited two doctoral fellows and a postdoctoral fellow to the project. Mr. Tinashe Mutero's doctoral proposal is titled “Townshipnisation and transformation of Johannesburg: An ethnographic expository of social practice

placemaking and urban sprawl”. Mr. Olajide Salawu presented a proposal titled “From Trash to Trash: Urban Displacement, Mobility and Subjectivity in Nollywood Films”. The postdoctoral fellow, Dr Ehijile Femi Eromosele, will focus on the Nigerian, specifically Lagos, music video genre and its representation of the city in this medium.

The Centre hosted two events in relation to this project. In May 2019, the University of Pretoria hosted a brainstorming workshop, which included Professor James Ogude, Dr Mpho Tshivhase and Dr Rebecca Fasselt from the University of Pretoria, Professor Harry Garuba and Dr Christopher Ouma from the University of Cape Town, project advisor Professor Grace Musila, and early career scholar Dr Sipiwo Mahala. In July 2019, the University of Pretoria hosted a three-day planning workshop with the core project personnel, including Professor James Ogude and Dr Rebecca Fasselt from the University of Pretoria, Professor Akosua Adomako Ampofo from the University of Ghana, Professor Harry Garuba and Dr Christopher Ouma from the University of Cape Town, and Professor Dominica Dipio and Dr Benge Okot from Makerere University. The meeting was also attended by one of the expert scholars on African urbanities, Professor Eileen Julien from the University of Indiana – Bloomington, as well as by Professor Grace Musila from the University of the Witwatersrand and Sipiwo Mahala, an early career scholar attached to the University of Pretoria.

In December 2019, Professor James Ogude embarked on fieldwork in Nairobi, Kenya, specifically to try to identify the ways in which the arts can help us to rethink the rural–urban dichotomy that has underpinned African studies until very recently.

“The project aims to examine how looking at the cities from the perspectives of the rural, and specifically through the mobility of people, ideas, cultural forms and arts between the cities and the rural spaces.”

Social Insects Research Group

Members: Professor Robin Crewe, Professor Sue Nicolson, Professor Christian Pirk, Dr Fabien Démares, Dr Hannelie Human and Dr Abdullahi Yusuf

The Social Insects Research Group (SIRG), also known as the Bee group, is a Research Group in the Department of Zoology and Entomology, University of Pretoria, with members based at the Centre for the Advancement of Scholarship. Our group studies fundamental and applied aspects of sociality in ants, bees, termites and wasps with a particular focus on honeybees; hence, we are teaching and building capacity for bee research on the continent and beyond.



Robin Crewe

In 2019, Professor Crewe continued with on-going research with members of SIRG in the area of pheromone biology and the study of colony population densities via the use of quadcopter drones to sample honeybee drone congregation areas. He continued to supervise doctoral student, Ms Fiona Mumoki, who completed her studies in November 2019, and postdoctoral fellow, Dr Ola Okosun, who completed his fellowship in 2019.

Professor Robin Crewe was appointed as a Foreign Associate Member of the Hassan II Academy of Science and Technology, based in Morocco, in February 2019. He was a finalist at the NSTF-South32 Awards Ceremony for the awards contribution over a lifetime and contribution through management and related SET activities. He went on to win the award for contribution over a lifetime. Furthermore in 2019, Professor Crewe was granted Honorary Life Membership to the Entomological Society of Southern Africa.

During 2019, Professor Crewe served as the Chair of the Board of INSiAVA (Pty) Ltd; as a scientific advisor for MARTI TB Diagnostics (Pty) Ltd; and a board member of SERA (Pty) Ltd and SERA Fund Managers (Pty) Ltd. He further served as chair to the following South African Organisations: Committee on Scholarly Publications in South Africa (ASSAf), National Scholarly Book Publishers' Forum (ASSAf), Scholarly Journal Editors' Forum (ASSAf), and SciELO South Africa Advisory Board (ASSAf). Professor Crewe continued as a board member for the South African Council for the Natural Scientific Professions (SACNASP), as well as a member of their executive committee. He was the chair of the Strategic Projects Committee of SACNASP, and a trustee of the Skye Foundation.

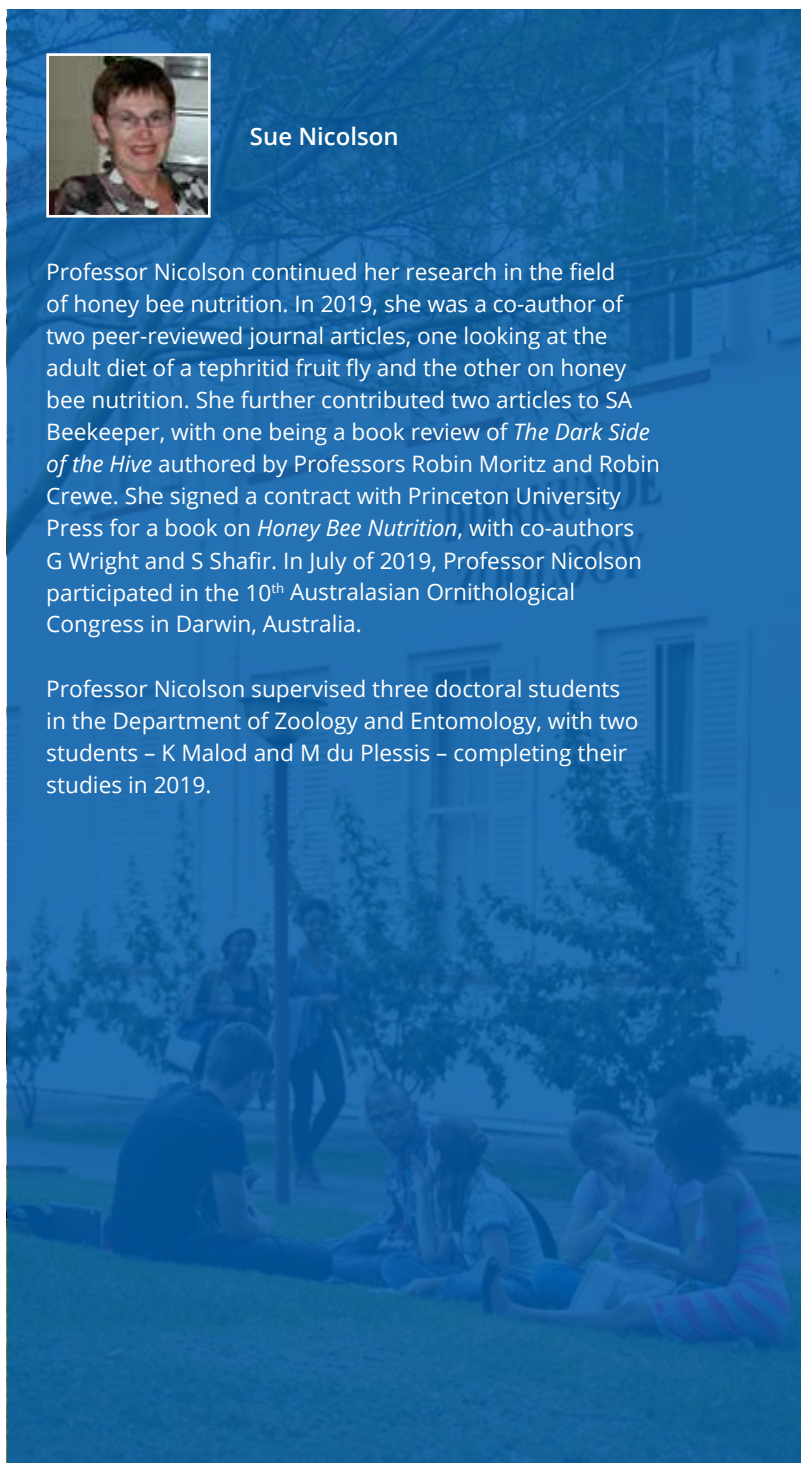
Internationally, Professor Crewe was a board member of Network of African Academies of Sciences (NASAC), a member of the working group on honey fraud for the APIMONDIA International Federation of Beekeepers' Associations, and chair of the Human Rights Working Group, African Academy of Science.



Sue Nicolson

Professor Nicolson continued her research in the field of honey bee nutrition. In 2019, she was a co-author of two peer-reviewed journal articles, one looking at the adult diet of a tephritid fruit fly and the other on honey bee nutrition. She further contributed two articles to SA Beekeeper, with one being a book review of *The Dark Side of the Hive* authored by Professors Robin Moritz and Robin Crewe. She signed a contract with Princeton University Press for a book on *Honey Bee Nutrition*, with co-authors G Wright and S Shafir. In July of 2019, Professor Nicolson participated in the 10th Australasian Ornithological Congress in Darwin, Australia.

Professor Nicolson supervised three doctoral students in the Department of Zoology and Entomology, with two students – K Malod and M du Plessis – completing their studies in 2019.



Agricultural Transformation In Africa (ATA) Programme and PERKA

Professor Frans Swanepoel, Dr Willeke de Bruin, Dr Farai Kapfudzaruwa and Dr Melody Mentz-Coetzee



The Agricultural Transformation in Africa (ATA) Programme has been led by Professor Frans Swanepoel since 2017, and continued to progress in 2019. The Peer-Learning for Emerging Researchers' Knowledge and Advancement (PERKA) programme is also lead by Prof Swanepoel.

Dr Willeke de Bruin is a postdoctoral fellow in the ATA programme and is funded by the Department of Science and Innovation (DSI)/National Research Foundation (NRF) Centre of Excellence in Food Security, which is co-hosted by the University of the Western Cape and the University of Pretoria. In addition to coordinating and managing projects under Prof Frans Swanepoel's leadership, she is involved in positioning systems thinking methodology as a critical skill within the CoE through linking with other disciplines and promoting participation in systems thinking to improve the food safety of food production systems. She represented the CoE at the first FAO/WHO/AU International Conference on Food Safety, February 2019, in Addis Ababa, Ethiopia, and spent six weeks at the Wageningen University and Research Centre (WUR) in the Netherlands as a preparatory learning experience for applying systems thinking. Together with a postdoctoral fellow from the University of the

Free State, she uses systems dynamics methodology to gain an in-depth understanding of the behavioural, physical, and control mechanisms that contribute to aflatoxin contamination in the groundnut value chain. Dr de Bruin and her colleague from UFS presented part of their findings at the International Institute for Applied Systems Analysis (IIASA) "Systems Analysis and Africa" conference in Pretoria in December 2019. Dr De Bruin was also invited by the South African Protein Research Foundation to write an article about her and her colleague's research.

The Peer-Learning for Emerging Researchers' Knowledge and Advancement (PERKA) programme is a two-year initiative funded by the Carnegie Corporation of New York (CCNY) and is implemented by the NRF of South Africa, in collaboration with the Centre for the Advancement of Scholarship at the University of Pretoria, South Africa.

The objective of PERKA is to identify, analyse, document and share the key lessons learned from the Corporation's investment in postdoctoral fellowships in Africa through a collaborative, participatory peer-learning approach, and to document and investigate partnership models for postdoctoral fellowship in Africa. PERKA is also an opportunity for institutions, organisations, and programmes that fund postdoctoral fellowships to share experiences, build networks, and learn about models for good practice from peers across the continent. Two regional workshops were held in 2019 – the first in April at the NRF in Pretoria (South Africa) and the second linked to the Science Granting Councils Initiative (SGCI) Annual Forum in November (Dar es Salaam, Tanzania). A third regional workshop will be held mid-2020 and the project will culminate at the end of 2020 in an International Conference on Higher Education Capacity Development, at which the findings of the project will be shared. Dr Melody Mentz-Coetzee is the Research Associate at CAS working on PERKA, and Dr Nadia Fouche is the postdoctoral fellow in the initiative.

In 2019, CCNY and UP provided a grant for hosting an African Early Career Researchers Meeting (AECRM) at UP's Future Africa Campus. The AECRM seeks to leverage networks produced in African postdoctoral programmes in order to create a platform for peer-learning and to facilitate the establishment of collaborative research, capacity-building, and networking opportunities for promising early career researchers on the continent. The meeting is driven by the need to continually support the career progress of immediate post-PhD graduates as they develop to become the world-class intellectual leaders Africa so desperately needs. The three-day interactive meeting will bring together over 120 postdoctoral Early Career Researchers (ECRs), funded by CCNY and other programs across Africa, to work with 12 senior academic mentors and 6 skills development consultants. The meeting's objectives are: initiating peer-learning; establishing collaborative research; and capacity development in academic leadership, research project management, and science communication.

The 3-day interactive meeting will be composed on five key engagements that align with the above-listed objectives:

1. **networking and peer-learning sessions;**
2. **transdisciplinary experiential learning exercises to support the fellows in the development of thematic team-based problem-focused research proposals;**
3. **capacity development training sessions to provide skills in grant management, mentorship and student supervision, research communication, and policy engagement;**
4. **roundtable discussion with policy makers and other relevant stakeholders to support the co-creation of knowledge that can influence policies and decision making; and**
5. **poster exhibit session to support science communication.**

As Principal Investigator, Prof Swanepoel led a proposal that was submitted to the UK Research and Innovation (UKRI) Global Challenges Research Fund (GCRF) – African Research Universities Alliance (ARUA) Research Excellence call. The collaborative project between University of Pretoria, Leeds University and FANRPAN – entitled Food Systems Research Network for Africa (FSNet-Africa) – will invest £2 million over three years for developing the capacities of African early career researchers in six African countries.

In 2019, Prof Swanepoel was recognised during the 15th RUFORUM AGM in Ghana for 'creating impact for Africa's development', specifically for 'serving the continent with diligence and for significant contributions and pursuit of excellence in agricultural higher education and capacity development in Africa'. He was also appointed to the ACU Academic Advisory Board, effective 1 May 2019, for three years. He was invited to deliver keynote addresses at a number of conferences, globally.

Publications

Professor Swanepoel and Dr Melody Mentz-Coetzee co-authored four chapters in two books accepted for publication during 2020. Dr Farai Kapfudzaruwa co-authored one of these chapters.

- Two chapters appeared in MB Ndulo and N'Dri T. Assié-Lumumba (ed). 2020. *Education and Development: Outcomes for Equality and Governance in Africa* (Palgrave Macmillan) and focus respectively on the role of doctoral education in sub-Saharan Africa and the role of education in driving agriculture-led economic and social transformation in Africa.
- Two chapters appeared in *Strengthening Tertiary Agricultural Education in Africa* edited by A. Ekwamu, D. Nielson, D. Kraybill and J. Lynam, and focus on global and continental trends in higher education, and on agriculture and tertiary education in the context of global and continental development goals. Dr Farai Kapfudzaruwa is a co-author on the latter chapter.

Dr Kapfudzaruwa was an editor of one book, and co-authored two book chapters and as well as a peer-reviewed journal article.

- He was editor in Kapfudzaruwa F; Kudo S; Matsuyama K; and Ingsan-Allasiw D (eds) (2020) *Rural-Urban Linkages and Sustainable Development: Case Studies from Africa*. Colorado: Spear Media.
- In addition to co-authoring a chapter in *Strengthening Tertiary Agricultural Education in Africa* edited by A. Ekwamu, D. Nielson, D. Kraybill and J. Lynam, he was co-author on a chapter with Shogo K; Kapfudzaruwa F; Broadhurst J L; Edunsah S E; Awere G; Matsuyama K; Nagao M; and Mino T (2019) "Moving towards Transdisciplinarity: Framing Sustainability Challenges in Africa", in Nagao M; Broadhurst J L; Edunsah S; and Were K G (eds) *Sustainable Development in Africa: Concepts and Methodological Approaches*. Colorado: Spear Media.
- Dr Kapfudzaruwa also co-authored an article in a peer-reviewed journal: Nagao M; Kapfudzaruwa F; Shogo K and Mutisya E (2020) *Evolving Asia-Africa cooperation in support of Africa's higher education development*. Africa Educational Research Journal 10: 11-32

RESEARCH FELLOWS IN 2019



Professor Tinyiko Maluleke

Professor Tinyiko Maluleke's publications in 2019 included five chapters in edited volumes, three book reviews, and four journal articles in peer-reviewed journals. He attended six events in the course of the year, delivering papers on the topics of race, religion and public theology. Professor Maluleke also authored five opinion pieces which were published in the Mail and Guardian and on News24.

For the Centre, Professor Maluleke was instrumental in the organisation and execution of the public seminar series for 2019. Eleven events were successfully coordinated by Professor Maluleke, including a seminar with University of Pretoria medical sciences, Professor Mashudu Tshifularo, and an engaging discussion with Dr Bongani Ngqulunga on his biography of Pixley Ka Seme. During 2019, Professor Maluleke served as a member of the National Research Foundation Board, the MTN South Africa Board, and the Get Me to Graduation Foundation. He was also the chair of several NRF Ratings Panels.

Professor Maluleke received a prize from the CIRCLE of Concerned African Women Theologians for his scholarship in support of women.



Dr Jannie Pretorius

In 2019, Dr Jannie Pretorius focused his research on constructing the sequential crystallographic set of phases derived for Silicon Carbide/N-Diamond and Graphite (a set of 140 structures in total) for the purpose of deriving Quantum Chemical simulations to calculate their Heats of Formation and Charge Transfer. Dr Pretorius also collaborated on projects such as the Malaria project with Professor Hannes Rautenbach and the BioProspecting project with Professor Vinesh Maharaj. Dr Pretorius continued to supervise doctoral student Natasha Misheer, and was directly involved in supporting the research of ten postgraduate students in the Departments of Mechanical Engineering, Physics, Chemistry and Mathematics. He further continued a close collaboration with the Natural Hazard Centre and Centre for Nuclear Safety and Security.

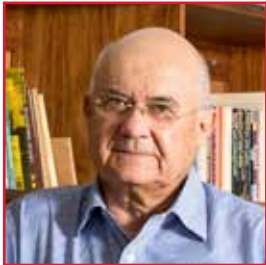
Dr Pretorius contributed to a journal article titled "Investigation of the temperature-dependent composition and morphology of ZrC layers deposited by CVD" with several colleagues.



Professor Niko Sauer

Activity: manuscript on dynamically interactive boundary conditions

The year 2019 saw the deepening of some topics in the pending manuscript. It turned out that research results could be found that were not covered in the journal literature. This resulted in the enhancement of four chapters that had already been done, as well as an article submitted to a mathematical journal.



Professor Charles van Onselen

Professor van Onselen continues his in-depth research into the nature and expression of the complex historical relationship between Anglophone, urban, industrial and Protestant South Africa and Lusophone, rural, commercial, and Catholic Mozambique from the late 19th century to the mid-20th century. He is currently writing up one major aspect of that relationship – that of the role that the Eastern Main Line between Booysens and Ressano Garcia played in the conveyance of coerced African mine labour from Mozambique to the ultra-repressive mine compound system of the Witwatersrand. A social history of a trans-national return rail journey during a formative period of the southern African industrial revolution is scheduled to appear, in book form, in early 2020 from a leading commercial publisher.



Professor Peter Vale

Professor Peter Vale joined the Centre in June of 2019. In that time he completed a manuscript with co-author Vineet Thakur on *South Africa, Race and the Making of International Relations*, which will be published in 2020. He further authored a book chapter titled “Cartoonists, Intellectuals, and the construction of Afrikaner Nationalism” in the book *Troubling Images: Visual Culture and the Politics of Afrikaner Nationalism*, which is edited by Brenda Schahmann, Frederico Freschi, Lize Van Robbroeck and also scheduled to be published in 2020.

In 2019, Professor Vale was appointed to Editorial Board of the Review of International Studies journal and to the Advisory Board of Global TechnoPolitics Forum based in California, United States of America.



Professor Sibusiso Vil-Nkomo

In 2019, Professor Sibusiso Vil-Nkomo hosted a roundtable discussion in conjunction with the Albert and Nokukhanya Luthuli Peace and Development Institute, focusing on the topic of “Reconstructing the South African Public Service for Peace and Development”.

Professor Vil-Nkomo hosted a second roundtable in 2019, which looked at “Thinking the Future Into Being: Democracy and Restoration Towards Peace and Development: South African Women Who Changed the Country”. This Roundtable Discussion opened an Art Exhibition at the Javett Art Centre, which displayed the oil paintings of the 12 Rivonia Trialists, the Nelson Mandela Cabinet 3 X 3 oil painting, and a special collection exhibition of Zimbabwean stone sculptures.

Professor Vil-Nkomo presented a paper in collaboration with Kedibone Phago at the African Association of Public Administration and Management in Cairo, titled “Collaborative governance Approach for South Africa and the United States of America: New Institutional Theory”. He attended the South African Association for Public Administration and Management Conference where the Annual Prof Sibusiso Vil-Nkomo Annual Lecture was delivered by Chancellor Geraldine Fraser-Moleketi, former Minister of the Public Service and Administration in South Africa.

HIGHLIGHTS FROM 2019



Professor Crewe is seen in the photograph with, from L-R, Prof Mohamed Hassan (foreign member from Sudan), Professor Bousmina, Chancellor of the Hassan II Academy of Science and Technology, and Prof Omar Fassi-Fehri, the Permanent Secretary of the Academy (with Professor Crewe on the right).

Professor Crewe inducted into the Hassan II Academy of Science and Technology

Professor Robin Crewe was honoured by being inducted into the Hassan II Academy of Science and Technology of Morocco as a foreign associate member. He was one of two foreign members who were recognised during the plenary session of the Moroccan Academy held on 26 February 2019 in Rabat, Morocco.

The Academy Hassan II of Science and Technology was installed by His Majesty the King of Morocco, Mohammed VI, on May 18th, 2006. It is composed of national resident members and associate foreign members in equal number, and corresponding members who serve a four-year term of office, renewable once. All fellows are selected on merit and for outstanding scientific and technological contributions. The main aim of the Academy is to promote science and technology and scientific practice in Morocco and to contribute to the international scientific common knowledge. The Academy also financially supports fundamental and applied research projects of national significance. It furthermore provides independent advice to the national authorities on scientific policy and on scientific research and scholarship issues of national importance, and informs the public on scientific, technological and ethical matters.

Professor Teboho Moja receives NRF Lifetime Achievement Award

Professor Moja, Visiting Research Fellow at the Centre for the Advancement of Scholarship, received the National Research Foundation's Lifetime Achiever Award. This accolade is awarded to individuals considered to have made extraordinary contributions, of international standard and impact, to the development of science in and for South Africa over an extended period of time. An additional consideration is the manner in which their work has touched and shaped the lives and views of South Africans.

Professor Moja has made immense contributions to policy work in higher education. She was part of a team that re-wrote the policies for the transformation of higher education in the country, then under former Education Minister Sibusiso Bengu, starting with work completed as activities in academia, then joining the Centre for Education Policy Development, and becoming the Commissioner and Executive Director of the National Commission on Education.

She said: "This award symbolically represents the formalisation of a new identity that has been created over a lifetime, hence a Lifetime Achiever Award. This has been achieved with the support, mentoring and womentoring of colleagues, who are also achievers recognised in other settings."



Director, Professor James Ogude Appointed Theme and Programme co-Chair of the ASA

Professor James Ogude was appointed the theme and programme co-Chair of the African Studies Association (ASA) meeting at Boston, November 21 – 23, 2019. Their theme, "Being, Belonging and Becoming in Africa", attracted excellent papers, roundtables and flash presentations from across the globe among Africanist scholars.

Appointment of Professor Tinyiko Maluleke as the Deputy Director of the CAS

The Centre for the Advancement of Scholarship announced that Professor Tinyiko Maluleke, a Senior Research Fellow at the CAS, was appointed as the Deputy Director of our Centre, with effect from 01 March 2019 for a period of two years.

Professor Maluleke brings to this position extensive experience, not just in Senior Management, but also as a leading researcher within the University, nationally and internationally. He is a professor of theology and has been a Senior Research Fellow at the Centre since April 2018. Professor Maluleke is a B1 NRF rated scientist and an elected member of the Academy of Science for South Africa. Previously, Professor Maluleke was the immediate former Advisor to our former Rector, Professor Cheryl de la Rey.

A well-known social and political commentator on South African, African and global politics, Professor Maluleke is a regular columnist for the *Mail & Guardian* and *Sunday Independent* newspapers. He is proficient in most of the official South African languages, as well as in French.



From Left: Professor James Ogude, Dr Per Wästberg, Professor Molly Brown, and Professor Vasu Reddy

Centre Co-Hosts the Nadine Gordimer Lecture

The Centre for the Advancement of Scholarship, Friends of Gordimer, and the Swedish Embassy co-hosted the Nadine Gordimer Lecture for 2019, which was delivered by the Literature Nobel Prize Chair, Dr Per Wästberg. This took place in the University of Pretoria's Senate Hall on 5 September 2019.

The Ubuntu project publishes two new books in 2019

The Centre for the Advancement of Scholarship is pleased to announce the publication of two more books on the Ubuntu project, focused on the meaning and value of Ubuntu in human and social development in Africa. The books are *Ubuntu and the Everyday* (Africa World Press, 2019), edited James Ogude and Unifier Dyer, and *Ubuntu and the Reconstitution of Community* (Indiana University Press, 2019), edited by James Ogude.

Ubuntu and the Everyday is a collection of essays that seeks to understand the concept of Ubuntu within the context of the everyday practices of society. Essays in the book argue that, to fully understand Ubuntu and its manifestation in contemporary society, we need to locate it in the politics and poetics of the everyday. The volume asserts that in spite of threats to its realisation, Ubuntu continues to exist in the everyday relational encounters between people and therefore offers the possibilities for universal ethical and moral values for humanity and humaneness.

Ubuntu and the Reconstitution of Community seeks to elevate the debate about Ubuntu beyond the buzzword it has become, especially within South African religious and political contexts. The seasoned scholars and younger voices gathered

here grapple with a range of challenges that Ubuntu puts forward. They breakdown its history and analyse its intellectual surroundings in African philosophical traditions, European modernism, religious contexts, and human rights discourses. The discussion embraces questions about what it means to be human and to be part of a community, giving attention to moments of loss and fragmentation in postcolonial modernity, to come to a more meaningful definition of belonging in a globalising world.

This brings together a total of four books published in a research project initiated in 2014, with the first book, *Ubuntu and Personhood*, edited by James Ogude, being published and launched in 2018 alongside *Unfolding Narratives of Ubuntu in Southern Africa*, which was edited by Julian Muller, John Eliastam and Sheila Trahar.

The highlight of the project was the roundtable on "A Multidisciplinary Dissection of the concept 'Ubuntu' and its Impact on ideas and practices of human and social development", held at the 62nd Annual meeting of the African Studies Association, at Boston in November 21 – 23, 2019, at which the substance of the four books was discussed.

Visiting Professors

Professor Theo Goldberg

29 March 2019

Participated in a planning session with Research Fellows

Professor Emil Roduner

4 February – 12 July 2019

Hosted on behalf of the Department of Chemistry

Professor Masafumi Nagao

2 February – 31 July 2019

Hosted on behalf of the Centre for Japanese Studies

Professor Lindiwe Sibanda

30 May – 4 June 2019

Participated in the FoodTalks Seminar Series

PUBLICATIONS AND OUTPUTS

Professor James Ogude

Books

Ogude, James (Ed.). *Ubuntu and the Reconstitution of Community*. Bloomington: Indiana University Press, 2019.

Ogude, James and Uni Dyer (Eds.). *Ubuntu and the Everyday*. Trenton, NJ: Africa World Press, 2019.

Book Chapters

Ogude, James. "Introduction: Ubuntu and the Reconstitution of Community" in Ogude, James (Ed.). *Ubuntu and the Reconstitution of Community*. Bloomington: Indiana UP, 2019: 1-20.

Ogude, James and Uni Dyer. "Utu/Ubuntu and Community Restoration: Narratives of Survivors in Kenya's 2007 Postelection Violence" in Ogude, James (Ed.). *Ubuntu and the Reconstitution of Community*. Bloomington: Indiana UP, 2019: 206 – 226.

Ogude, James and Uni Dyer, "Theorising Ubuntu and the Everyday", in Ogude, James and Uni Dyer (eds.). *Ubuntu and the Everyday*. Trenton, NJ: Africa World Press, 2019: 1-23.

Ogude, James. 2019. "Homecoming: The Idea of Return in the Works of Ngugi wa Thiongo" in Gikandi, Simon and Ndirangu Wachanga (eds.). *Ngugi: Reflections on his life of Writing*. London: James Currey, 2019: 163 -167. (ISBN:978-1-84701-214-2.

Conferences and Keynote Addresses

2019: Theme and Programme Chair of the 62nd Annual meeting of the African Studies Association (ASA), on the theme, "Being, Belonging and Becoming in Africa", November 21 – 23, 2019, Boston Marriot Copley Place.

2019: Roundtable: A Multidisciplinary Dissection of the Concept of "Ubuntu" and its Impact on ideas and practices of human and social Development, at 62nd Annual Meeting of the ASA: "Being, Belonging and Becoming in Africa", November 21 – 23, 2019, Boston Marriot Copley Place.

2019: Keynote Speaker at the African Studies Association of Africa conference in Nairobi, 24 – 26 October, 2019. Presented a paper titled: "Centring African Knowledges and the challenges of Context, History and Plurality".

2019: Keynote Speaker at "Rereading and Remapping Foundational Texts and Genealogies Colloquium, 30 – 31 May 2019 at the University of the Witwatersrand. Presented a paper entitled, "Who needs African foundational writers? Reflections on contested legacies and visions of the future in Es'kia Mphahlele's and Peter Abraham's writings".

2019: Facilitating Workshop for Early Career Scholars at CHCI Africa Workshop in Addis Ababa on the theme: Africa as Concept and Method: Emancipation, Decolonization, Freedom, January 3 – 18, 2019: Presented a workshop on "Disrupting research silos: Reflections on the value and challenges of collaborative research".

Professor Crewe

Journal Articles

Okosun, O.O., Pirk, C.W.W., Crewe, R.M. and Yusuf, A.A. 2019. Tergal gland components of reproductively dominant honey bees workers have both primer and releaser effects on subordinate workers. *Apidologie* 50: 173-182. DOI: 10.1007/s13592-018-0628-5

Requier, F., Garney, L., Kohl, P.L., Njovu, H.K., Pirk, C.W.W., Crewe, R.M. and Steffan-Dewenter, I. 2019. The conservation of native honey bees is crucial. *TREE* <https://doi.org/10.1016/j.tree.2019.04.008>.

Mumoki, F.N., Yusuf, A.A., Pirk, C.W.W., and Crewe, R.M., 2019. Hydroxylation patterns associated with pheromone synthesis and composition in two honey bee subspecies *Apis mellifera scutellata* and *A. m. capensis* laying workers. *Insect Biochemistry and Molecular Biology* 114, 103230. <https://doi.org/10.1016/j.ibmb.2019.103230>.

Conference and Workshop Contributions

Crewe, R.M. & Moritz, R.F.A. 2019. Sex, social regulation, and intraspecific social parasitism in honey bees. 35th Annual Meeting of the International Society of Chemical Ecology, June 2nd–6th 2019, Atlanta, Georgia, USA.

Crewe, R.M. 2019. Strategic approach to the management (eradication) of *capensis* social parasites in the scutellata area. BEECON 2019, 18-20 July 2019, Zebula Golf Estate, South Africa.

Crewe, R.M. 2019. Role of African Academies in achieving the SDGs. Academy of Science of South Africa (ASSAf), (2019). Towards Coordinating National Role Players and Activities to Achieving the Sustainable Development Goals (SDG): A Focus on SDG 6 (Water & Sanitation) DOI <http://dx.doi.org/10.17159/assaf.2019/0056>. p. 44.

Crewe, R.M. The evolving ecosystem of scholarly publishing in South Africa and its confrontation with emerging realities. OASP (Open Access Scholarly Publishers) Conference 2019, 24–26 September 2019. Copenhagen, Denmark

Crewe, R.M. 2019. Overview of scholarly publishing. Shifts in the Scholarly Publishing Cycle: A Colloquium on Open Access, Future Africa Campus Conference Centre, 28 October 2019.

Book Review

Requier, F. & Crewe, R.M. Learning from wild honey bees. Review of "The Lives of Bees: the untold story of honey bees in the Wild". *TREE* 34 (11), 967-968 (2019).

Public Understanding of Science

Mumoki F. N., Pirk C. W. W., Yusuf A. A. and Crewe R. M. 2019. Do *scutellata* queens influence the mandibular gland pheromones of the *A. m. capensis* clone workers and their ability to lay eggs? *SA Bee J.* 91(3): 23-25.

Presentations to External Organisations both National and International

Crewe, R.M. Discussion of bees with Tim Neary on Radio 702 at 06:40 – 07:00 on 24th March 2019.

Crewe, R.M. Presentation to the Pretoria branch of MENSA – The Dark Side of the Feminine Monarchy: individual behaviour in honey bees. 3 April 2019.

Crewe, R., Gevers, W. & Veldsman, S. (2019) How to approach the revolution in scholarly publishing. *The Conversation* (African Edition). April 30, 2019.

Crewe, R.M. 2019. The Dark Side of the Feminine Monarchy: individual behaviour in honey bees. FABI Special Seminar, University of Pretoria. 7th August, 2019.

Crewe, R.M. 2019. Plan S is a grand plan, but the devil is in the detail: Robin Crewe on Open Access in South Africa. Blog: International Science Council, Paris, France. 15-02-2019.

Crewe, R.M. 2019. Chair of the IAP working group that produced the report: *Harnessing Science, Engineering and Medicine (SEM) to address Africa's Challenges: the role of African National Academies*. July 2019. Download: http://www.interacademies.org/56874/SEM_for_Africa.

Crewe, R.M. 2019. Moderator: Panel Session 2 – Intra-African research cooperation. STIAS Colloquium, Research in Africa: optimising synergies. 21–23 October 2019.

Crewe, R.M. 2019. Genetics, barriers to trade and transforming beekeeping. Round Table – Apimondia Regional Commission for Africa. 46th APIMONDIA International Congress of Apiculture, 8–12 September, Montreal, Canada.

Crewe, R.M. 2019. Honey Production in Africa. Round Table – World-Wide modes of honey production. 46th APIMONDIA International Congress of Apiculture, 8–12 September, Montreal, Canada.

Crewe, R.M. 2019. Moderator of panel discussion: Science and Technology opportunities in the private and public sectors: implications of the fourth industrial revolution (4IR) for Natural scientists. IB South African Science Forum, CSIR Conference Centre, Pretoria. 4–6 December 2019.

Professor Tinyiko Maluleke

Chapters in Book

Maluleke, T.S. 2019. "Before Things Fall Apart. Towards an Ecologically Responsible Theology in Africa" in, Hilda Koster and Ernst Conradie (ed) *T&T Clark Handbook on Christian Theology and Climate Change*. London: Clark and Clark, pp 70-82.

Journal Articles

Maluleke, T.S. 2019. "Africans Alienated Inside and Outside – Yinde lendlela!". *Journal of Theology for Southern Africa*. No.162 and 163, pp137-157.

Maluleke, T.S. 2019. "Who is an African? A wasted or wasteful question?". *Journal of Theology for Southern Africa*. No.162 and 163, pp158-166.

Book Reviews

Maluleke, T.S. 2019. "Vision of Hell on Earth". Review of Ben Okri's *Who is the Prisoner. The Freedom Artist*. London: Head Zeus. In *Sunday Times Books*, 26 March, 2019. <https://www.timeslive.co.za/sunday-times/books/news/2019-03-26-ben-okris-the-freedom-artist-a-vision-of-hell-on-earth/>

Maluleke, T.S. 2019. Review of Robin DiAngelo's *White Fragility. Why it is So Hard for White People to Talk About Racism*. In *Sunday Times Books*, 15 December 2019. <https://www.timeslive.co.za/sunday-times/books/news/2019-12-15-the-grand-book-tour/>

Opinion Pieces

Maluleke, T.S. and Sarojini, N. 2019. "No holy cows in hate cases." *Mail and Guardian*, 10 January 2019. <https://mg.co.za/article/2019-01-10-00-no-holy-cows-in-hate-cases/>

Maluleke, T.S. 2019. "Share a Coke with Profanity". *News24*, 21 February 2019. <https://www.news24.com/Columnists/GuestColumn/share-a-coke-with-profanity-20190221>

Maluleke, T.S. 2019. "On fraudulent resurrections and fake healings: Why it's a lucrative business". *News24*, 3 March 2019. <https://www.news24.com/Columnists/GuestColumn/on-fraudulent-resurrections-and-fake-healings-why-its-a-lucrative-business-20190303>

Maluleke T.S. 2019. "Nibbling at our Fat Presidential Inauguration". *News24*, 26 May 2019. <https://www.news24.com/Columnists/GuestColumn/nibbling-at-our-big-fat-presidential-inauguration-20190526>

Maluleke, T.S. 2019. "The 20 million that got Away: The mourning after the elections". *News24*, 19 May 2019. <https://www.news24.com/elections/voices/the-20-million-that-got-away-the-mourning-after-the-elections-20190519>

Conferences and Workshops

Maluleke, T.S. 2019. Writing workshop, invited by Council for World Mission. Singapore, January 2020.

Maluleke, T.S. 2019. Writing workshop – invited by Council for World Mission. May 2019, Bangkok Thailand.

Maluleke, T.S. 2019. "A Black Theological Critique of Public Theology" – Public Theology Conference, September 2019, Bamberg University, Germany, paper delivered.

Maluleke, T.S. 2019. "Racism and Religion in Africa". Conference on Racism. September 2019, Tokyo, Japan.

Maluleke, T.S. 2019. "Jesus Christ Soccer Star. Sport and Religion in Africa" – Sport and Christianity Conference. October 2019, Calvin University, Grand Rapids, USA, paper delivered.

Maluleke, T.S. 2019. Collaboration Facilitation: New York University – facilitating collaboration between UP and NYU. November 2019.

Professor Sue Nicolson**Journal Articles**

Weldon, C.W., Mnguni, S., Démares, F., du Rand, E.E., Malod, K.N.P., Manrakhan, A., Nicolson, S.W. 2019. Adult diet of a tephritid fruit fly does not compensate for impact of a poor larval diet on stress resistance. *J. exp. Biol.* 222, jeb192534.

Du Rand, E.E., Stutzer, C., Human, H., Pirk, C.W.W., Nicolson, S.W. 2019. Antibiotic treatment impairs protein digestion in the honeybee, *Apis mellifera* L. *Apidologie* doi: 10.1007/s13592-019-00718-4.

Other Articles

Nicolson, S.W. 2019. The nutritional needs of honeybees. *SA Beekeeper* 91(2); 10-12.

Nicolson, S.W. 2019. Book review. *The Dark Side of the Hive*, by R. Moritz and R. Crewe, Oxford University Press. *SA Beekeeper* 91(2): 22.

International Conferences

Ngcamphalala, C.A., Nicolson, S.W., Ganswindt, A. and McKechnie, A.E. Capture as an acute stressor: phylogenetic and seasonal variation in avian stress responses. Poster, 10th Australasian Ornithological Congress, Darwin, Australia, July 2019.

Professor Emil Roduner**Book**

Roduner, E., Krüger, T., Forbes, P.B. and Kress, K., 2019. *Optical Spectroscopy: Fundamentals and Advanced Applications*. World Scientific Publishing Europe Limited.

Chapter in Book

Radhakrishnana, S.G. and Roduner, E. 2019. "Carbon dioxide activation". In North, M. and Styring, P. (eds), *Carbon dioxide utilisation*, p227-246. Berlin: Walter de Gruyter GmbH.

Opinion Pieces

Roduner, E. 2019. "Tax fuel production, not emissions". *Nature*, 567:31.

Professor Peter Vale**Opinion Pieces**

Vale, P. and Boyte, H. 2019. "Universities in South Africa need to rediscover their higher purpose", *The Conversation*. July 25th, 2019

Vale, P. 2019. "The white people who spied during apartheid", *The Conversation*. August 27th, 2019.

Invited Lectures

Keynote Speaker at the Convention of the Philippine International Studies Organization (PHISO), November 9, 2019

University of the Philippine 'World Expert Series, Public Lecture, Dilman Campus, November 6, 2019

Professor Charles van Onselen**Book**

van Onselen, C. 2019. *The Night Trains: Moving Mozambican Miners to and from the Witwatersrand Mines, Circa 1902–1955*. Johannesburg: Jonathan Ball.

AGRICULTURAL TRANSFORMATION IN AFRICA (ATA) PROGRAMME AND PERKA

Dr Farai Kapfudzaruwa

Shogo K; Kapfudzaruwa F; Broadhurst J L; Edunsah S E; Awere G; Matsuyama K; Nagao M; and Mino T. 2019. "Moving towards Transdisciplinarity: Framing Sustainability Challenges in Africa". In Nagao M; Broadhurst J L; Edunsah S; and Were K G (eds) *Sustainable Development in Africa: Concepts and Methodological Approaches*. Colorado: Spear Media.

HUMAN ECONOMY PROGRAMME

Dr Marc Wegerif

Peer-reviewed journals and articles

Wegerif, M.C., 2019. The ride-along: a journey in qualitative research. *Qualitative Research Journal*, 19(2), pp.121-131

Wegerif, M.C.A. and R. Martucci., 2019. "Milk and the city: Raw milk challenging the value claims of value chains." *Agroecology and Sustainable Food Systems*, 42(10).

Other publications

Guereña, A. and M.C.A. Wegerif (2019). Framing document on land inequality: an ILC initiative Rome, Italy, International Land Coalition.

Wegerif, M.C.A. 2019. Women farmers' access to markets: a critical appraisal of value chains and other market access options that work for women. A UN Women Discussion Document.

Wegerif, M.C.A. 2019. Baseline study report on Women's land rights in South Sudan. Written for UN Habitat.

Wegerif, M.C.A. 2019. How to Feed the World: Learning from Tanzania. *Global Dialogue*. 21 June 2019.

Wegerif, M.C.A. 2019. A missed opportunity on land issues. *City Press*. 25 August 2019.

Wegerif, M.C.A. 2019. Another missed opportunity for meaningful agrarian change in South Africa. Pambazuka News. 30t August 2019.

Wegerif, M.C.A. and Adeniyi, O. 2019. Student hunger at South African universities needs more attention. *The Conversation*. 18 September 2019.

Media interviews done:

Radio interview with Swiss National Radio on land reform in South Africa

Radio interview with Canadian National Radio on agricultural reform in South Africa

Radio interview with Tuks FM on food insecurity among students at tertiary education institutions.

Radio interview with Radio 702 on food insecurity among students at tertiary education institutions.

Radio interview with METRO FM on food insecurity among students at tertiary education institutions.

Radio interview with SAFM on food insecurity among students at tertiary education institutions.

Interview with LandPortal on land and corruption.

Conference and seminar presentations made:

Presented a paper on "An urban food system for agro-ecology in the 21st century: the example of Dar es Salaam" at the 'Agro-ecology for the 21st century' conference hosted by UCT, The Seed and Knowledge Initiative, Biowatch South Africa, and Cornell University, held in Cape Town in January 2019.

Attended the conference on 'Resolving the Land Question: land redistribution for equitable access to land in South Africa', hosted by PLAAS (UWC), Rhodes University and the University of Fort Hare in Cape Town in February 2019.

Organised an international panel on 'For better or worse: agri-food systems transforming land governance needs and outcomes' at the LANDac Annual International Conference hosted by the Netherlands Land Academy (LANDac) in Utrecht in July 2019.

Presented a paper on "Women's access to markets, constraints and opportunities", at the LANDac Annual International Conference in July 2019.

Made presentations on Right to Food at Universities, looking at policy options, at two different right to food advocacy meetings convened as part of the national access to food for students' programme led by the Dullah Omar Institute. One was in Johannesburg on 26th June and one in Cape Town on the 25th July.

Made Keynote Panel address on "Emancipatory governance: Views from the ground" during the GovInn Week on 25th September.

Presented on food insecurity at tertiary institutions in a #FoodTalks seminar on 5th November.

Presented a paper on "Land inequality driving concepts and practices of "corruption"" at the International Conference on Land Policy in Africa, held in Abidjan, Ivory Coast, from the 25th to the 29th November.

Policy inputs made in various forums:

Presented and facilitated a session for Tshintsha Amakhaya (A Civil Society Network) on Building an alternative land and agrarian reform policy perspective from below, during 24 – 26 April.

Participated in "strategic Lekgotla" working on the future and next five-year plan for the DST-NRF Centre of Excellence in Food Security. 13 – 17 May.

Ran a half-day training session for farm worker union reps and organisers from seven countries across Southern Africa. Organised by Women on Farms Project on 6th August.

Participated in a national strategy session: "Civil society working together to catalyse the transition to agroecology" from 28 to 30 August in Cape Town.

Participated in two multi-stakeholder Gauteng Food Governance Community of Practice meetings.

Made a submission on the draft City of Johannesburg "Informal Trader Policy" and participated in a stakeholder meeting on the same policy on 22nd October.

Presented to a UN Women meeting of their country staff gathered from across Africa, on women farmers' market access. 24th October.



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