NRF AWARDS 2019

CELEBRATING 20 YEARS OF ADVANCING KNOWLEDGE, TRANSFORMING LIVES AND INSPIRING A NATION.

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NRF National Research Foundation 20 1999-2019

science & innovation
Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA

NRF National Research Foundation 20

1999-2019

Advancing Knowledge. Transforming Lives. Inspiring a Nation.

Welcome

This year marks a significant milestone for the National Research Foundation; 20 years of advancing knowledge, transforming lives and inspiring a nation. The establishment of the NRF was intrinsically linked with the ethos and the values that have shaped South Africa's democratic transformation. The NRF mandate thus expresses this ethos in directing the organisation to pursue knowledge creation and high level human capacity development for the benefit of all South Africans.

Over the past two decades people have been at the centre of bringing this mandate to life. The colleagues within the NRF, in Government, in particular the Department of Science and Innovation; other science councils and universities, especially our researchers and postgraduate students, and the people of South Africa as a whole, have all helped shape the NRF into what it is today.

The success in our people-centric view in developing the country's research and scientific capacity is attested to by, amongst others, the thousands of graduates and researchers who have received the support necessary for the advancement of their research careers.

We have contributed to the ongoing transformation of the research system by increasing the number of black people, women and people with disabilities supported to undertake research and postgraduate training.

Over the last three years alone we invested more than R1.8 billion to support women in completing their Honours/BTech, Master's, Doctoral and postdoctoral studies. Women accounted for 57% of the NRF's total postgraduate support over the same period while black grantholders accounted for an investment of more than R1.5 billion. The South African Research Chairs Initiative (SARChI) now hosts 107 female chair holders, being 45% of the total number of active Research Chairs under the programme.

Dr Molapo Qhobela
Chief Executive Officer
National Research Foundation

We can also proudly celebrate the many who have been associated with the NRF and continue to hold leading national and international positions in science and research institutions, attesting to the calibre of our home grown human capital. We are also pleased that the NRF has realised sustained growth in its regional and international visibility through a multiplicity of partnerships and collaborations. All these have, and will continue, to benefit the entire science system and the developmental goals of the country.

A special expression of gratitude goes to the previous CEOs of the NRF. Through their guidance, the organisation has grown considerably in terms of the impact of the investment it makes in research grants, bursaries, infrastructure platforms and engagement with society.

A significant factor to the growth of the NRF's influence is the quality and impact of the research produced by the South African research community. I, therefore, take this opportunity to congratulate all the 2019 NRF Awardees. You are proof that research excellence continues to flourish, that South African research can match, and often exceeds, the quality of its international peers, and, most importantly, that South African society will continue to benefit from the fruits of your intellectual endeavours. In the pursuit of research excellence and societal benefit, know that you have a partner in the NRF.

Filled with hope borne from our historical achievements, I look forward with eager anticipation to another 20 years of advancing knowledge, transforming lives, and inspiring a nation!

1999 – 2005: Dr Khotso Mokhele

Chancellor, **University of the Free State**

I wish to congratulate the NRF on reaching this 20-year milestone in its history. The NRF's achievements in this time cannot be understated. Through its mandate it has helped bring diversity, inclusivity and transformation to South Africa's research landscape, reshaping it to become a true representation of the society in which it operates. At the same time, it has ensured that our country's researchers achieve and maintain excellence in their work and careers. Its work plays a crucial role in developing human and institutional capacity at all levels; ensuring a sustainable stream of new generation scientists; and building both the country's knowledge economy and prestige as a global leader in knowledge generation. I am honoured to have played a role in its early years and look forward to its continued success as both influencer of science policy and driver of research excellence in Africa.

2006 – 2008: Prof Mzamo P. Mangaliso

Isenberg School of Management,

University of Massachusetts

Congratulations to the NRF on its 20th anniversary! The milestone is an occasion to acknowledge the hard work of all the people who have contributed to its success over the years. It's quite remarkable that in two decades, the NRF has grown to become the world-renowned research institution that it is now. Today, NRF-sponsored research inspires people not only in South Africa but around the World. The joint awarding of the 2007 Nobel Peace Prize to Al Gore and the IPCC researchers, several of whom were NRF-supported South Africans, provides a shining example. This celebration also represents the shared optimism that the NRF will continue to support path-breaking world-class scientific research in a transformed society, and a sustainable ecological environment for many years to come.

2009 – 2015: Dr Albert van Jaarsveld

Director-General and CEO, **International Institute for Applied Systems Analysis**

The NRF has been a fundamental force in changing the face and impact of the South African research landscape over the last twenty years. This fundamental system transformation began under the Foundation for Research Development and has continued into the existing NRF. I know that the South African research enterprise would not have achieved its current international standing, consistently punching above its weight in terms of research outputs, impact, capacity development, transformation and critical research infrastructure, without the impetus provided by the National Research Foundation. I would like to congratulate the NRF for its collective achievements over the years and know that it will continue to act as the catalyst for future research innovation, transformation and excellence in South Africa.

Dr Shamila Nair-Bedouelle

Assistant Director-General for Natural Sciences

UNESCO

Born in 1960, Shamila Nair-Bedouelle holds a PhD in Life Sciences from the University of Cape Town in South Africa. She pursued her research career at the Institut Pasteur in Paris from January 1992 onwards, then within the pharmaceutical industry at the MIT University Park in Boston, USA, from January 1994 until January 1996, when she joined the French National Institute for Medical Research (Institut national de la santé et de la recherche médicale, INSERM). She has published in numerous scientific journals and is the co-inventor of several patents.

Dr Nair-Bedouelle has pursued her research interests in parallel to her career at the United Nations. She has been Director of Research at the University of Paris V in France since 2000 and was nominated First Class Director of Research at INSEM in 2017.

She also has a strong interest in managing science programmes. From 2002 to 2007, she was seconded from INSEM to the European Commission to serve as scientific officer and deputy scientific coordinator of scientific programmes.

In January 2007, Dr Nair-Bedouelle was seconded from INSEM to UNESCO to head its Ethics of Science and Technology programme.

Eighteen months later, she joined UNESCO's Sector for Natural Sciences as Chief of the Unit for Africa's Science and Technology Consolidated Plan of Action within the Division for Science Policy and Capacity-building. Here, she managed the United Nations Cluster for Science and Technology in Africa and represented UNESCO at the African Ministerial Council for Science and Technology. As Coordinator of the Working Group on Gender Equality at UNESCO from January 2010 onwards, she launched the first Science Camp for Girls in South Africa and coordinated science education projects on the continent.

She served as Director of the OzonAction programme of the United Nations Environment Programme (UNEP) since 2012. Responsible for implementing the Multilateral Fund for the Montreal Protocol, she had coordinated a unique network of 147 national Ozone Action offices, providing developing countries with scientific and technical advice as to which alternative technologies to choose to the chemical substances depleting the Ozone Layer. A strong advocate for enhancing women's role in science and engineering, she launched UNEP's first training programme for women technicians.

Africa remained the focus of her work at the Africa Department where she evaluated UNESCO's scientific programmes on the continent from January 2012 onwards. She was recently appointed Assistant Director-General for Natural Sciences at UNESCO.

Research Excellence Award for Next Generation Researchers

The NRF provides funding to postgraduate students in order to address the skills shortages in the fields of science, engineering, technology, humanities and social sciences. One of the aims is to increase the possibility of retaining suitably qualified young scientists, thereby increasing the pool of researchers and knowledge workers in the NSI.

This award recognises outstanding academic performance by final-year doctoral students.

Ms Geaneth Pertunia Mashile
Department of Chemical Sciences
University of Johannesburg

Ms Geaneth Pertunia Mashile's research focus is to develop analytical techniques for environmental sample analysis. She is studying the occurrences, distribution and mitigation of emerging pollutants such as cosmetic and pharmaceutical compounds from environmental water samples (river, waste and tap water). Currently pursuing her PhD in Chemistry at the University of Johannesburg, Ms Mashile has demonstrated excellent work ethic and leadership skills. Ms Mashile is part of science facilitators and judge for Nka'thuto Edupropeller and an ESKOM EXPO judge for both regional and national innovation EXPOs. She was selected as a lab captain (2019) for a research group consisting of 14 Master's and 13 PhD candidates. In 2018, she presented part of her work at an international workshop on porous material and their applications (IWPMA-2018) in South Africa and went on to present at the Third International Caparica Conference on Sample Treatment in Portugal, winning the top award in the Shortgun Presentation Category. In addition to her ever-growing scope of research work, she has authored/co-authored seven peer-reviewed articles and one book chapter. Ms Mashile is part of the Black Women in Science programme and is passionate about bringing high school learners from disadvantaged communities in contact with science.

Mr Phetole Mangena
Department of Biodiversity
University of Limpopo

Mr Phetole Mangena is an nGAP lecturer in the Department of Biodiversity, School of Molecular and Life Sciences, Faculty of Science and Agriculture at the University of Limpopo. He is currently pursuing a Doctor of Philosophy degree in Botany. His research interests are in the field of plant biotechnology, plant anatomy and physiology, as well as plant tissue culture. His PhD research focuses on the genetic improvement of soybean in the attempt to advance its tolerance to drought stress. The study unravelled the cause of recalcitrance to plant regeneration during agrobacterium-mediated genetic transformation with emphasis on factors such as the genotype specificity, seed quality, storage conditions and culture media compositions which continue to cause problems for many researchers dealing with genetic improvement of soybean. This approach undoubtedly remains one of the best and affordable biotechnological tools available in meeting agricultural demands and economic needs of the increasing population in Africa. To date, he has authored four papers published in SAPSE journals and has three non-subsidised publications. He has also published four book chapters and served as an assistant editor for the book: *Pollination in Plants* edited by Dr Phatlane William Mokwala. Mr Mangena has supervised seven Honours students.

Research Excellence Award for Early Career/Emerging Researchers

The Thuthuka funding instrument is central to the NRF's Human Capital Development Strategy in as far as it relates to enhancing the research stature of Early Career/ Emerging Researchers from designated groups, with the aim of redressing historical imbalances in the South African researcher cohort.

This award recognises outstanding research excellence by current Thuthuka grantholders.

Dr Fanelwa Ajayi
Department of Chemistry
University of the Western Cape

Dr Fanelwa Ajayi completed her PhD at the University of the Western Cape (UWC) in 2011 while appointed as a lecturer, before being promoted to senior lecturer at UWC in 2015. As a leading researcher at the SensorLab in the field of TB/HIV drugs metabolism enzyme electroactive sensor development, Dr Ajayi's research focus involves the development of drug (particularly HIV and TB treatment drugs) metabolism sensors and biosensors using various green method synthesized metallic nanomaterials as well as conducting polymers. Drug toxicity and hepatotoxicity are common amongst patients taking tuberculosis and antiretroviral treatment, a result of the differences in patients' metabolic rates. Developing (bio) sensors that can detect and monitor medication levels in patients with different metabolism rates is what Dr Ajayi strives to do. Through collaborations with colleagues at other UWC departments, she has pioneered the synthesis of various metal nanoparticles using food items such as fruit and vegetables in the application for sensor development and their use in plant growth; as well as the use of the nanoparticles for the eradication of fungi in dental patients among other applications. To date, she has authored/co-authored 29 publications and three book chapters, and was involved in the supervision/co-supervision of eight Master's and two PhD students.

Dr Ntakadzani Madala
Department of Biochemistry
University of Venda

Dr Ntakadzani Edwin Madala's research focuses on analytical methods for the extraction and precise identification of metabolites from plants with known medicinal applications. He specialises in the development of separation techniques for separating structurally related natural products (isomers). He obtained his PhD in Analytical Biochemistry from the University of Johannesburg in 2012 and initiated a research group at UJ that developed mass spectrometric methods to differentiate isomers through his collaboration with the CSIR, the PNNL (USA) and the University of Surrey. This led to the development of advanced methods to discriminate biologically active isomers with anti-HIV properties isolated from plants. Dr Madala's research achievements led to the development of two makeshift instruments aimed at isolation and artificial amplification of metabolites without using organic solvents or enzymes. The first offers a "greener" and more cost-efficient extraction technique compared to organic solvents. The second is an UV-reactor that induces geometrical isomerisation of natural products for the identification of photo-switchable drug candidates in plants. In 2018, he took up the position of senior lecturer at the University of Venda. He has published numerous research articles, book chapters and conference proceedings in internationally renowned journals.

A "P" rating is assigned to researchers (normally under 35 years of age) who have held a doctorate or equivalent qualification for less than five years at the time of application.

These researchers are considered likely to become future international leaders in their respective fields, on the basis of exceptional potential demonstrated in research performance and output during doctoral and/or early post-doctoral careers.

Professor Eshchar Mizrachi
Forestry and Agricultural Biotechnology Institute
University of Pretoria

Plant biology and evolution, focusing mainly on modelling wood formation, form the basis for Professor Eshchar Mizrachi's research. His work has furthered our understanding of secondary growth particularly in eucalyptus, poplar and arabidopsis. He obtained his PhD from the University of Pretoria and worked as a research project manager in the Forest Molecular Genetics research programme at UP. His PhD thesis received an award from the Gauteng Department of Agriculture (GDARD). He is currently an Associate Professor at the University of Pretoria in the Department of Biochemistry, Genetics and Microbiology and serves on the management committee of its Forestry and Agricultural Biotechnology Institute (FABI), and the Steering Committee of the African Science Leadership Programme (ASLP) at Future Africa. Since 2010, he has published 35 articles in various Web of Knowledge journals, such as *Nature, Nature Reviews Genetics* and *PNAS*, as well as top-ranked plant science journals. Prof Mizrachi has graduated 23 postgraduate students (5 PhDs) as supervisor or co-supervisor, and is currently supervising or co-supervising ten BSc Hons, MSc and PhD students and two postdoctoral candidates.

Professor Thabo Msibi
School of Education
University of KwaZulu-Natal

Gender and sexual diversity from an African schooling perspective forms the basis for Professor Msibi's research, focusing on areas such as lesbian, gay, bisexual, and transgender (LGBT) youth in townships and rural regions, in higher education, and in professionals in the private sector. Prof Msibi obtained his BEd and Honours degrees at the University of KwaZulu-Natal, his Master's at Columbia University in the USA and completed his PhD at Cambridge University. He has held various positions at UKZN, where he is currently an Associate Professor and Head of School. Over the course of his research career he has authored/co-authored 30 publications including books, book chapters and journal articles. He has also served as reviewer for publications such as *Gender and Education* and *Health Education*. He has held a number of prestigious scholarships including the Fulbright, Abe Bailey and Gates Cambridge Scholarships and received numerous awards such as the Early Careers Award from Columbia University in recognition of his distinguished research outputs post-graduation.

P-Rated Researchers

Dr Alastair Potts
Department of Botany
Nelson Mandela University

Dr Alastair Potts is a senior researcher at Nelson Mandela University. His primary research field is in the biological sciences with a focus on Plant Ecology and Evolution. He obtained his PhD at the University of Cape Town in 2012 and published five papers from this research. His thesis was awarded the Bronze Medal for the best PhD in Botany for 2012 by the South African Association of Botanists and he received a Postgraduate Student Research Associate award from UCT in 2010, a prestigious award given to students with outstanding potential as scientific researchers. Finding his PhD specialisation in phylogeography restrictive in terms of the potential questions and systems open to investigation, he is venturing into a diverse range of topics with the aim of becoming a researcher who is in a position to bridge the knowledge gaps between different fields (mostly within the ambit of plant ecology), with the ultimate aim to evaluate the core theories within these fields and determine how they might be drawn together. In total, Dr Potts has authored/co-authored 31 papers and two book chapters, and delivered 13 conference presentations, of which four were international conferences. He is a council member of the Royal Society of South Africa; Chairman of the Thicket Forum; an academic editor for the open access journal *PeerJ*; a past member of the editorial board of the *South African Journal of Botany*, and a member of the SANBI VegMap Committee. Within NMU, he is also the Deputy-Director of the African Centre for Coastal Palaeoscience.

Professor Du Toit Strauss
Centre for Space Research
North-West University

Professor Strauss' work, which has focused mainly on the transport of cosmic rays through the heliosphere, uses extensive numerical modelling to interpret data from sources such as the Parker Space Probe, launched in 2018, as well as data from older spacecraft such as Voyager. He studied at North-West University, where he completed his PhD in Space Physics, and where he is currently an Associate Professor. He spent six months as an Alexander von Humboldt Postdoctoral Research Fellow at Ruhr University in Germany and was also a Fulbright Visiting Scholar at the University of Alabama's Center for Space Plasma and Aeronomic Research (COSPAR) in Huntsville "Rocket City", USA. He has published 33 research papers (being primary author of 18) in international flagship journals such as the *Astrophysical Journal* and *Space Science Reviews*, two papers in non-indexed journals and 29 conference proceedings; has served as a reviewer for the *Journal of Geophysical Research*; and has served on review panels for the NRF and National Aeronautics and Space Administration (NASA). His work has garnered a number of awards including the Bronze Medal from the South African Association for the Advancement of Science; and Merit Awards from North-West University.

Professor Cobus Visagie
Plant Protection Research Institute
Agricultural Research Council
Now: *Forestry and Agricultural Biotechnology Institute*
University of Pretoria

Professor Cobus Visagie is a mycologist specialised in Aspergillus, Penicillium and Talaromyces. His research is focused on their taxonomy, biodiversity and ecology with a view to make identifications easier. With more than 110 new species introduced, he continues to discover novel diversity and expanding DNA databases. Prof Visagie studied at Stellenbosch University, where he completed his PhD in Microbiology. He completed Postdoctoral Fellowships at the Westerdijk Fungal Biodiversity Institute (the Netherlands) and the Ottawa Research and Development Centre of Agriculture and AgriFood Canada, and was, until recently, a Senior Researcher at the Agricultural Research Council's Plant Protection Research Institute in Pretoria. He is currently a professor at the University of Pretoria's Forestry and Agricultural Biotechnology Institute. He has published more than 30 papers and edited one book in the last eight years, has reviewed for various journals including *Studies in Mycology*, *Persoonia* and *PLOS ONE*, and presented an invited seminar for the Mycological Society of America. His work has garnered considerable recognition, including the John and Petakin Mildenhal Award at the South African Society of Plant Pathology, the Darwin Initiative Award from the African Mycological Association, and the Michele C. Heath Award for the best postdoctoral presentation at the 31st Great Lakes Mycology Meeting.

NRF Excelleration Award

Derived from the words "excellence" and "acceleration", the Excelleration Award acknowledges South African research institutions for achieving the most improved research performance over recent years as evaluated by independent parties, and measured against a selection of critical indicators.

University of Fort Hare
Together in Excellence

Excellence in Science Engagement Award

The Science Engagement Award recognises outstanding contributions to public engagement with science and encourages academics to make their work, and science and technology in general, more accessible to the public.

Professor Josef de Beer
School of Mathematics, Science and Technology Education
North-West University

Professor Josef De Beer studied Botany and Science Education at the (now) University of Johannesburg and completed his PhD at Vista University. Currently a Research Professor at North-West University, he worked as a teacher at Hoërskool Die Adelaar in Roodepoort before moving to academia, working at Vista University, the University of Pretoria and the University of Johannesburg. Prof De Beer has spent a number of years presenting short learning programmes (SLPs) to science and mathematics teachers and conducting workshops for learners on indigenous knowledge related to mathematics and science themes, in order to inspire an interest in STEM subjects and create an understanding of the relevance of science in our daily lives. He developed teaching strategies to facilitate the epistemological border-crossing between natural sciences and indigenous knowledge systems, and provide teachers and learners alike with more nuanced understandings of the tenets of science and indigenous knowledge. Some of the interventions in which he has engaged include awareness and importance of medicinal plants, and how the antimicrobial activities of such plants could be tested in the school classroom; engaging teachers in the chemistry involved in making soap from soap plants such as Helinus integrifolius; the use of boomwhackers as a mathematical aid in learning about fractions; and, through his partnership with Prof Manu Prakash from Stanford University, the rollout of thousands of a very low-cost, foldable paper microscope ('foldscopes') to schools across South Africa. The latter catapulted problem-based learning in many classrooms, and learners engaged, amongst others, in projects analysing water quality of water resources, using the foldscope microscopes to determine levels of eutrophication. His work has garnered various awards including the Vice-Chancellor's Award from UJ, the National Excellence in Teaching and Learning Award from the Higher Education Learning and Teaching Association of Southern Africa (HELTASA), and the USA-based National Association of Biology Teachers 'Excellence in Research' Award. He has successfully led 34 Master's and Doctoral students to graduation, and is currently supervising 12 postgraduate students.

This award acknowledges individuals for their contributions to the transformation of South Africa's science community and landscape. The aim of this award is to encourage and promote this activity across the South African research community.

Professor Viness Pillay
Department of Pharmacy and Pharmacology
University of the Witwatersrand

Professor Viness Pillay's research focuses on the design of advanced drug delivery systems as well as polymer-engineered devices for application in neuro-degeneration, neuro-regeneration and neuro-trauma. His pioneering approach to molecular modelling as a paradigm is a first-in-the-field of pharmaceutics that allows him to produce cross-cutting innovation in biomaterials, tissue engineering, nanomedicines, and molecular modelling that can be applied to drug delivery systems and 3D-bioprinted matrices. His work has generated several inventions including a neural device for therapeutic intervention in spinal cord injury (SCI), novel wound-healing technologies through de-novo tissue regeneration and bio-inks for 3D-printing. Capacity development and transformation play a key role in the work of Prof Pillay, so much so that he has developed the largest cohort of black talent in the pharmaceutical sciences. Over his career, Prof Pillay has supervised 108 Master's and Doctoral students from previously disadvantaged groups. The success of his cohort development lies with his own dynamic strategy which includes developing capacity based on widening knowledge and skills; building networks with other stakeholders; recognising excellence within his team; developing multi-disciplinary networks and cooperation; using training suitable to local circumstances; ensuring the sustainability of his development initiatives; applying results-based management to capacity development; and ensuring exposure to international expertise. In addition to his work as a Full Professor in the Department of Pharmacy and Pharmacology at the University of the Witwatersrand, Prof Pillay is the DST-NRF Research Chair in Pharmaceutical Biomaterials and Polymer-Engineered Drug Delivery Technologies and Director of the Wits Advanced Drug Delivery Unit. He completed his PhD at Temple University in the USA. He has published more than 300 articles in ISI-accredited international journals and has received numerous accolades, including the African Academy of Science's Olusegun Obasanjo Prize.

Named after the self-taught surgeon who trained generations of medical students in surgical techniques, the Hamilton Naki Award honours individuals for achieving world-class research performance despite considerable challenges.

Professor Mashudu Tshifularo
Department of Otorhinolaryngology
Steve Biko Academic Hospital / University of Pretoria

The road from herdsman to ground-breaking ear, nose and throat (ENT) surgeon is one that Professor Mashudu Tshifularo has walked with determination, skill and dignity. Born in poverty in Thohoyandou to a large family, Prof Tshifularo tended his family's livestock as a boy and attended school under a tree. He knew, however, from a young age that his future lay in medicine and his career has been one of many firsts: he was the first black ENT specialist in South Africa and one of the youngest appointed to Medunsa's Department of Otorhinolaryngology. More importantly, he made world headlines earlier this year when he performed the first transplant surgery of the hammer, anvil, stirrup and the ossicles – that make up the middle ear – using 3-dimensional printed inner ear bones. Today, Prof Tshifularo is Head of the Department of Otorhinolaryngology at the University of Pretoria and Steve Biko Academic Hospital. Like many black children at the time, Tshifularo was affected by financial challenges in furthering his education after he passed matric. But today he has several degrees to his name. He is currently busy with his second PhD degree at the University of Pretoria. He holds a number of patents for middle ear implants and has published extensively in a number of leading peer-reviewed journals. He has dedicated himself to the training of students from disadvantaged groups and has been instrumental in training more black ENT specialists than any other institution.

A-rated researchers are unequivocally recognised by their peers as leading international scholars in their respective fields, for the high quality and impact of recent research outputs. They play a significant role in developing the next generation of researchers.

Acquiring an NRF rating generates considerable acknowledgement and respect for the individual researchers as well as their institutions.

Professor Lucy Allais
Department of Philosophy
University of the Witwatersrand

The topics of forgiveness, moral responsibility, freedom, justice and Immanuel Kant's theoretical philosophy, particularly his metaphysics, form the basis of Professor Lucy Allais' research. She studied Philosophy at the University of the Witwatersrand and completed her Master's and PhD degrees at the University of Oxford, as a Rhodes scholar. After lecturing at various Oxford colleges and the University of Sussex, Prof Allais moved to Wits where she is currently Professor of Philosophy as well as Director of the Wits Centre for Ethics. Since 2015, she has held the Henry Allison Chair of the History of Philosophy at the University of California at San Diego (UCSD), and holds joint appointments at Wits and UCSD. Her widely reviewed and praised book on Kant's metaphysics, *Manifest Reality*, won the North American Kant Society's 2016 prize. She has more than 40 single authored papers, many in internationally leading journals such as the *European Journal of Philosophy* and *The Journal of Moral Philosophy*, and has been a distinguished visitor and keynote speaker at multiple venues around the world.

Professor David Attwell
Department of English
University of the Western Cape

Professor David Attwell's research is on contemporary world literature in English; postcolonial studies; literary criticism and its disciplinary formations, especially in Africa; and South African literature. His work has had a global impact and influence, in particular his research on the Nobel laureate J.M. Coetzee. He conducted written dialogues for and co-edited, with Coetzee, *Doubling the Point*, a work which set the tone for the later development of the field. His first monograph won the Bill Venter and University of Natal Book Awards. He was invited by the Nobel Foundation to attend the Nobel Prize ceremony for Coetzee in Stockholm. His book, *J.M. Coetzee and the Life of Writing*, was published simultaneously in four countries and was a finalist for the Alan Paton Prize in 2016. His earliest publications were in African literature, starting as an Honours student at the University of KwaZulu-Natal. His monograph, *Rewriting Modernity*, interpreted postcolonial studies in the light of South African literary history, reading the work of the country's major African authors from Tiyo Soga to Zakes Mda as a series of engagements with colonial and postcolonial modernity. With Chabani Manganyi he has co-edited the letters of Es'kia Mphahlele, a global figure of the African diaspora. He co-edited *The Cambridge History of South African Literature*.

Professor Maureen Coetzee
WITS Research Institute for Malaria
University of the Witwatersrand

The study of mosquitoes, particularly the African Anopheles mosquito, with a view to identifying malaria vectors and informing control policy, have been the main focus of Professor Maureen Coetzee's research. Her work in areas of insecticide resistance, vector control, and mosquito biology has received international recognition and has helped to advance the fight against malaria. She completed her Master's and PhD in Medical Entomology at the University of the Witwatersrand. She worked in the private and public sectors and headed up the former SA Institute for Medical Research's Medical Entomology Department, (now the National Health Laboratory Service's Vector Control Research Unit), where she expanded its research focus to include the new molecular techniques and insecticide resistance surveillance. She subsequently held a DST-NRF South African Research Chairs Initiative grant at Wits for 10 years and was Director of the Wits Research Institute for Malaria for the last five years. Prof Coetzee has published more than 200 journal articles, two books and seven book chapters. She is currently Distinguished Professor in the School of Pathology at Wits. She has garnered numerous awards for her work, including the 2018 SA Medical Research Council's Platinum Award for outstanding lifetime scientific contributions to health research; the John N Belkin Memorial Award from the American Mosquito Control Association; the African Union Kwame Nkrumah Regional African Women in Science Award and was named Distinguished Woman Scientist of the Year by the Department of Science and Technology.

Professor Philip Hallinger
Department of Education Leadership and Management
University of Johannesburg

Professor Philip Hallinger's research focuses on principal instructional leadership, problem-based leadership development, and international educational leadership and management. He is the Sustainable Development Chair Professor in Leadership at the College of Management, Mahidol University (Thailand) as well as a Distinguished Visiting Professor of Educational Leadership at UJ. His work is known worldwide for seminal conceptual and empirical contributions on 'instructional leadership'. He developed the first research-based conceptualisation of this leadership model in the early 1980s and authored the Principal Instructional Management Rating Scale. His survey instrument has been translated into more than 35 languages and used in over 500 studies worldwide. It is one of the two most widely used instruments in the field of educational leadership and management. He also contributed seminal reviews of research on school leadership effects, heralding a paradigm shift in studies of school leadership. With more than 8,000 citations in total, these research reviews continue to generate significant citations two decades later. He served as Chief Co-Editor of the *Journal of Educational Administration* and serves on the editorial board of eight journals. Over the last eight years, he has published 89 journal articles, one book, 10 chapters, and edited eight special issues of SCOPUS journals. In 2014, he received the Excellence in Research Award in Educational Leadership from the American Educational Research Association as well as the Roald F. Campbell Award for Distinguished Lifetime Achievement.

Professor Emmanuel Iwuoha
Department of Chemistry
University of the Western Cape

Professor Emmanuel Iwuoha is a Senior Professor of Chemistry and the South African Research Chair Initiative (SARChI) Chair (Tier 1) for NanoElectrochemistry and Sensor Technology and a Senior (Distinguished) Professor of Chemistry at the University of the Western Cape. He is the Founder and Director of the University of the Western Cape Sensor Laboratories (SensorLab) since 2002. He was admitted as a Chartered Chemist and a Fellow of the Royal Society of Chemistry, UK in 1990 and 1999 respectively and he is also a Fellow of the African Academy of Sciences. Prof Iwuoha is an electrochemist and has more than 27 years of experience on electroanalytical sensors and electrocatalysis; and has current research interest in electrochemical and photovoltaic energy materials. He has supervised 57 PhD and 61 MSc graduates, published more than 350 articles in scientific journals and given 27 Plenary and 35 Keynote conference presentations. He is a member of the Editorial Advisory Boards of *Analytical Chemistry* (the flagship journal of the American Chemical Society's Analytical Division) and *Bioelectrochemistry* (the Bioelectrochemical Society's flagship journal), among others. Prof Iwuoha's numerous awards include the International Society of Electrochemistry (ISE) Regional Award on Electrochemistry Excellence in Teaching and Research in 2013, the UWC Vice-Chancellor's Distinguished Researcher Award for 2015 and the Faculty of Science Research Excellence Awards for the Best Researcher in 2018.

Professor Gary Maartens
Department of Medicine
University of Cape Town

A clinician-researcher, Professor Gary Maartens focuses his research on HIV and TB and the interactions between the two diseases. His work studies areas such as the diagnosis, management and prevention of HIV-associated TB; and the drug-drug interactions, effectiveness, adherence and complications of antiretroviral therapy. Prof Maartens studied Medicine at the University of Cape Town and obtained his postgraduate qualifications from the Colleges of Medicine of South Africa, the Royal College of Medicine and UCT. He has worked extensively in the government and academic sectors in South Africa as well as the UK, focusing much of his work on the areas of clinical medicine and infectious diseases. He is currently Professor of Clinical Pharmacology at UCT and leads the only International Specialty Pharmacology Laboratory from the National Institutes of Health's AIDS Clinical Trials Group and International Maternal, Pediatric, Adolescent AIDS Clinical Trials networks in Africa. Over the last eight years, he has published more than 100 peer-reviewed articles, one book and 13 book chapters. He serves on the editorial boards of a number of international journals including *Lancet Infectious Diseases* as well as on committees of various research and public health organisations including WHO and the Centers for Disease Control and Prevention. In 2015, he was awarded the Gold Medal for outstanding contributions to medical research by the South African Medical Research Council.

A-Rated Researchers
A-RATED FOR THE 1ST TIME

Professor David McQuoid-Mason
Centre for Socio-Legal Studies
University of KwaZulu-Natal

Professor David McQuoid-Mason holds a PhD in Law from the former University of Natal and is President of the Commonwealth Legal Education Association; a member of the Human Rights, Ethics and Professional Practice Committee of the Health Professions Council of South Africa, and a member of the Steering Committee of the Global Alliance for Justice Education. He has visited more than 130 countries and has facilitated numerous international training, curriculum and materials development workshops on Street Law, Human Rights and Democracy. He was a member of the team of International Legal Aid Experts for the UN Office on Drugs and Crime. He drafted legal aid legislation for Afghanistan, Sierra Leone, Kenya, Uganda and Somalia and has advised numerous other countries on developing their legal aid programmes. Professor McQuoid-Mason has published more than 150 articles in law and medical journals. He has contributed more than 60 chapters to books and co-authored seven books. He is a co-editor of two legal journals and serves on several international journal editorial boards. He has delivered numerous papers at national and international conferences and runs frequent international and local workshops on human rights and democracy for school teachers, community leaders, youth leaders, women's groups, trade unions, university students and school children, as well as medical law and ethics workshops for doctors and nurses. He was awarded a Special Mention by UNESCO for his work in human rights education; and the 'Advocate of the Year' award by Street Law Incorporated (USA).

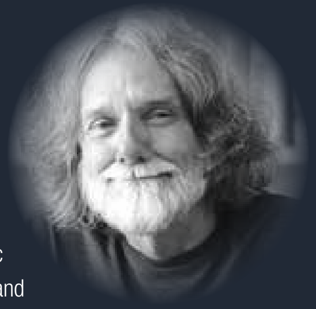
Professor James Raftery
Department of Mathematics and Applied Mathematics
University of Pretoria

Professor James Raftery's current research interest is the algebra of logic. It analyses logical systems, using algebraic methods, at both an abstract and a concrete level. His recent papers involve residuated structures, as well as general connections between algebra and logic. He obtained his PhD in Mathematics in 1987 at the then University of Natal and was appointed to the Mathematics Department of the University in 1986, where he became a Professor in 2002. In 2013, he accepted a professorship at the University of Pretoria. Since 2010, he has produced 16 peer-reviewed articles and delivered seven invited plenary addresses at conferences. He became a member of the editorial board of the journal *Algebra Universalis* in 2005 and an Associate Editor of *Quaestiones Mathematicae* in 2017. Since 2014, he has been the co-chair of the Association for Symbolic Logic's Committee for Logic in Africa. Currently, he is serving on the Steering Committees of two international conference series: Topology, Algebra and Categories in Logic; and Logic, Algebra and Truth Degrees. Prof Raftery has supervised nine successful postgraduate dissertations, four of them at PhD level, and was awarded the South African Mathematical Society's Award for Research Distinction in 2014.

Professor Don Cowan
Centre for Microbial Ecology and Genomics
University of Pretoria

Professor Don Cowan's research focuses mainly on the soil ecosystems of hot desert and cold (Antarctic) regions. His work has facilitated our understanding of the various interactions that take place within these ecosystems and how drivers such as climate change can affect them. Prof Cowan obtained his BSc, MSc and PhD in Biochemistry and Microbiology from the University of Waikato in New Zealand. He has worked at various academic institutions, including University College London and the University of the Western Cape, where he is an Emeritus Professor. In 2002 he established the Advanced Research Centre for Applied Microbiology, which was elevated to Institute status (as the Institute of Microbial Biotechnology and Metagenomics) in 2007 at UWC. He is currently Director of the Centre for Microbial Ecology and Genomics, and the Genomics Research Institute, at the University of Pretoria. He has published more than 360 research papers, review articles and book chapters and serves on the editorial boards of numerous journals, including *Trends in Biotechnology* and *FEMS Microbial Ecology*. He is a Fellow of the Royal Society of South Africa and a Member of the Academy of Sciences of South Africa. Among the awards he has received for his work are the NSTF Excellence Award in Capacity Development and the University of Pretoria's Chancellor's Award. Prof Cowan currently supervises seven postdoctoral, five PhD and two MSc researchers.

Professor Harold Kincaid
School of Economics
University of Cape Town



Professor Harold Kincaid's research concerns issues in the philosophy of science and social science and experimental economic work on, among other things, risk and time attitudes, trust and addiction. Harold Kincaid received his PhD from Indiana University in 1983. He was Professor of Philosophy, Sociology and Epidemiology and Department Chair at the University of Alabama at Birmingham for many years. He was appointed as Professor in the School of Economics at UCT in 2012 and served as Director of the Research Unit for Behavioral Economics and Neuroeconomics from 2014-2017. He is the author or editor of 13 books and many journal articles. Three of his papers on social sciences from the mid and late eighties were reprinted in 1994 in the main anthology in the field, no other philosopher has more than one. He has been associate editor of the *Journal of Economic Methodology* and Chair of the International Network for Economic Methodology. He expanded his expertise in philosophy of social science issues to the behavioural sciences, especially psychopathology. He played a major role in a national prevalence study of addictive gambling in South Africa, followed by an 18-month longitudinal study of the same problem involving survey and experimental methodologies.

Professor Don Ross
School of Economics
University of Cape Town

Professor Don Ross is both an economist and philosopher of science whose work has focused on areas such as experimental economics, the philosophy and methodology of economics, applications of game theory to the study of human sociality, and the unifying foundations of the behavioural and social sciences. His current research focuses on the experimental economics of risky behaviour, especially addiction and decisions over participation in normative communities, and on choice-based models of sociality in intelligent animals, including people and elephants. Since 1999 he has also researched and modeled the economics of road networks in Southern Africa. He studied at the University of Western Ontario and has worked extensively in academia in Canada, the USA, Ireland and South Africa as Professor and Lecturer in both economics and philosophy. He has also consulted for government and industry on trade and infrastructure policy in Africa. He is currently a Professor in UCT's School of Economics, in the School of Sociology, Philosophy, Criminology, Government, and Politics at University College Cork, Ireland, and a Program Director for the Center of Economic Analysis at Georgia State University. Prof Ross has authored/edited 14 books, 39 book chapters and published 65 refereed articles. He is also the co-editor of the *Oxford Handbook of the Philosophy of Economics*, has been President of the International Network for Economic Methodology, and serves on the editorial board of the *Journal of Economic Methodology*.

Professor Bert Klumperman
Department of Chemistry and Polymer Science
Stellenbosch University

Professor Bert Klumperman's research focuses on the development of polymers for biomedical applications, particularly poly(N-vinylpyrrolidone) (PVP) and poly(styrene-co-maleic anhydride) (SMA). These materials are proving valuable for a variety of biomedical applications such as antimalarials and antimicrobials (including certain biological warfare agents) for use in areas such as wound dressings, water and air purification systems, paediatric tuberculosis diagnosis, drug delivery and isolation of membrane proteins. Prof Klumperman completed his PhD in Radical Polymersiation at Eindhoven University of Technology in the Netherlands and a DSc at Stellenbosch University, where he is currently a Distinguished Professor. He has also worked as a consultant on radical polymerisation for various companies in the private sector. He has been a member of the editorial boards of various journals including *Macromolecules and European Polymer Journal* and is currently editor of *European Polymer Journal* and editor-in-chief of the *Transactions of the Royal Society of South Africa*. He has authored/co-authored five books and more than 55 articles in peer-reviewed journals over the last eight years. He has received considerable recognition for his work, receiving, among others, the Rector's Award for Excellence in Research from Stellenbosch University; the Gold Medal of the South African Chemical Institute; and the NSTF Lifetime Award. He also received the Sasol Chemistry Innovator of the Year Award and the John FW Herschel Medal of the Royal Society of South Africa.

Professor John Maina
Department of Zoology
University of Johannesburg

With research focused primarily on the evolution and adaptation of the respiratory organs/structures, comparatively, the gas exchangers of animal groups ranging from fish, amphibians, reptiles, mammals and birds as well as insects have been investigated by applying diverse techniques which include stereology, computer tomography and three-dimensional computer reconstruction, molecular biology and various microscopic methods. Professor John Maina has broadened the knowledge of how nature has solved the critical challenges of acquisition of molecular oxygen over the billions of years that life has existed and thrived on Earth in different habitats. After obtaining his Bachelor's degree in Veterinary Science from the University of Nairobi in Kenya, Prof Maina moved to the UK where he completed his PhD and DVSc in Pulmonary Functional Morphology at the University of Liverpool. After working at the University of Nairobi, he moved to the University of the Witwatersrand where he worked as Professor of Human Anatomy and Cell Biology for thirteen years. He is currently a Research Professor at the University of Johannesburg. Prof Maina has authored five books, co-authored one book and published sixteen book chapters. He has published 158 peer-reviewed articles in journals including *PNAS*, *Physiological Reviews* and *Cell and Tissue Research*. He has reviewed papers for the journals *Nature*, *PNAS* and *Science* and is currently an Associate Editor of *Frontiers in Zoology*. He has received numerous fellowships, including two Fulbright Senior Fellowships and the Hooker Distinguished Fellowship of McMaster University.

Professor Thaddeus Metz
Department of Philosophy
University of Johannesburg

The meaning of life, moral-political-legal philosophy and comparative philosophy have been the main focus of Professor Thaddeus Metz's research since 2010, particularly among African, Chinese and Western traditions. In that time, he has published more than 115 articles, books and book chapters on these and other areas of philosophy. Prof Metz studied Sociology and Philosophy at the University of Iowa and obtained his Master's and PhD from Cornell. Currently a Distinguished Professor at the University of Johannesburg, he has worked as Lecturer and Professor at a variety of academic institutions including the University of California, Los Angeles (UCLA), the University of Missouri and the University of the Witwatersrand. He has reviewed works for various publishers including Oxford University Press and Cambridge University Press as well as journals such as *Ethics* and *Philosophical Quarterly*. Prof Metz is a member of the Academy of Science of South Africa and is presently supervising nine doctoral candidates. As a fun fact, Prof Metz featured as a clue on the nationally televised American game show Jeopardy: 'Stanford Encyclopedia of Philosophy entry written by Thaddeus Metz, or a movie co-written by John Cleese' was the answer to the question 'What is the Meaning of Life?'.

Professor David Richardson
Department of Zoology and Botany
Stellenbosch University

Professor David Richardson's research focuses on invasion science, particularly invasions of woody plants, grasses, and invasions in urban ecosystems, a field he has considerably expanded as Director of the DST-NRF Centre of Excellence for Invasion Biology. Prof Richardson completed his postgraduate studies in Ecology at the University of Cape Town and worked as a researcher for the South African Forestry Research Institute and CSIR Division of Forest Science and Technology. He spent six months at University of California, Los Angeles (UCLA) as a Visiting Professor and is currently Distinguished Professor of Ecology at Stellenbosch University. He also holds the position of James Marsh Professor-at-Large at the University of Vermont, USA. Over the course of his career, he has published more than 440 peer-reviewed journal papers and book chapters and edited/co-edited six books. He also served on the editorial boards of various publications including *Biological Invasions* and was Editor-in-Chief of *Diversity and Distributions* between 1998 and 2017. His work has garnered a number of awards including the Hans Sigrist Prize from the University of Bern in Switzerland, the John FW Herschel Medal from the Royal Society of South Africa, and the Kwame Nkrumah Award for Scientific Excellence from the African Union in 2019. He has supervised 15 Doctoral and 30 Master's students and has hosted 18 Postdoctoral Fellows. Prof Richardson was also included in the Clarivate World's Most Influential Scientific Minds list in 2018, selected for exceptional research performance.

Professor Dan Stein
Department of Psychiatry and Mental Health
University of Cape Town

Psychiatry and neuroscience have formed the core of Professor Dan Stein's research with a focus on anxiety and related disorders, including obsessive-compulsive and posttraumatic stress disorder. His work is integrative, moving between bench (laboratory neuroscience), bed (clinical research), and bundu (public health). Prof Stein studied Medicine at the University of Cape Town, Psychiatry and Psychopharmacology at Columbia University, and obtained doctorates in the areas of Clinical Neuroscience as well as Philosophy at Stellenbosch University. He is currently Head of the Department of Psychiatry and Mental Health, Director of the South African Medical Research Council Unit on Risk & Resilience in Mental Disorders, and Scientific Director of the Neuroscience Institute at UCT. He has influenced the field by collaboration (across South Africa, the greater Africa, and the world), by mentorship (his mentees have worked on a range of topics relevant to South Africa and the rest of Africa, and they occupy leadership posts in a range of areas), and by publication (over the last eight years he has published more than 400 papers and 100 book chapters). This work has had significant impact: he has an h-index of >130, perhaps the highest of any African scientist, and he was included in the Clarivate World's Most Influential Scientific Minds list in 2018 as Highly Cited Researcher in the Web of Science. He was awarded a Platinum Medal for Lifetime Achievement from the SAMRC.

Professor Igor Barashenkov
Department of Mathematics and Applied Mathematics
University of Cape Town

Professor Igor Barashenkov has obtained a string of influential results in nonlinear dynamics and mathematical physics including the discovery of the so-called solitonic bubbles, the formulation of the equation balancing the dissipation with the parametric drive, and the demonstration of stability of the spinor solitons. He demonstrated the possibility of the radiationless motion of discrete solitons and introduced exceptional discretisations of the phi-four model. His theoretical proposal has led to the experimental discovery of solitons on a ferrofluid surface. More recent work included nonlinear dynamics and solitons in PT-symmetric waveguide arrays and the discovery of jamming anomaly in distributed PT-symmetric systems. He completed his Master's in Mathematical and Theoretical Physics at the Lomonosov University in Moscow, where he also worked as a research assistant, and his PhD at the Joint Institute for Nuclear Research (JINR) in Dubna. He has worked at, among others, the Australian National University in Canberra, Max Planck Institute in Germany, and Los Alamos National Laboratory in the USA. He is currently a Professor at the University of Cape Town, Senior Research Fellow at the JINR, and a Visiting Academic at the University of Bath, UK. He has published 18 articles in the last eight years in journals such as *Physical Review* and *Annals of Physics* and has also served as guest editor of *Mathematical Modelling of Natural Phenomena*. In 2005 he was awarded the Harry Oppenheimer Medal and in 2008, was elected a Fellow of the Royal Society of South Africa.

Professor Douglas Butterworth
Department of Mathematics and Applied Mathematics
University of Cape Town

Professor Emeritus Douglas Butterworth is regarded as a leading international authority in fishery assessment, modelling and management with more than 30 governments, fishing industry organisations and international fisheries management organisations seeking his scientific advice. His work for the South African Fisheries has been highly influential and focussed on the development and refinement of management procedures for hake, sardine-anchovy, squid, abalone, and west coast and south coast rock lobster. His analyses have covered a wide range of marine species the world over, ranging from whales to groundfish and pelagic species to Antarctic krill. He has authored more articles and technical contributions towards whale population assessment and management than any other scientist worldwide. Prof Butterworth is currently leading the International Commission for the Conservation of Atlantic Tunas' (ICCAT) initiative to develop a Management Procedure (MP) for bluefin tuna. He has also impacted the revision of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) criteria for classifying species as endangered. Recent awards include the NSTF Individual over a Lifetime Award for Outstanding Contribution to Science and Technology; the National Order of Mapungubwe (Silver); and the Order of the Rising Sun, Gold Rays with Neck Ribbon by the Emperor of Japan for his contribution to the sustainable management of the country's fisheries. Over the last eight years, his research outputs have included 640 technical/policy reports and 32 peer-reviewed articles.

A-Rated Researchers
A-RATED FOR THE 4TH TIME

Professor Marius Potgieter
Centre for Space Research
North-West University

Space physics, particularly cosmic rays, has formed the foundation for Professor Marius Potgieter's research. His numerical models for cosmic ray propagation, acceleration and modulation in the heliosphere, the influence sphere of the Sun, can be applied in fields beyond space physics including numerical and computer science and engineering. He obtained his PhD from former Potchefstroom University and began his career as a research physicist as part of the National Antarctic Expedition in 1976. He also worked in various capacities at the University of New Hampshire, University of Maryland, NASA's Goddard Space Flight Center in the USA, at SACLAY-Paris in France, the International Space Science Institute (ISSI-Bern) in Switzerland and at the INFN in Trieste, Italy. He recently retired as Professor of Physics at North-West University. He collaborated with members of NASA's Pioneer and Voyager Space Missions, ESA's SOHO and Ulysses Space Missions, and the Italian/Russian PAMELA Space Mission for the detection of cosmic anti-particles as signatures of Dark Matter. He co-authored 203 refereed journal publications and 152 conference publications; supervised 11 postdoctoral fellows and 31 postgraduate physics students; and was a guest editor for *African Skies* and *Advances in Space Research*. He is a member of the American Geophysical Union and the SA Institute of Physics, among others. He was the secretary of IUPAP's C4 commission on Cosmic Rays and represented SA on COSPAR's council for two terms. Among his accolades are awards for Excellence in Teaching and Leadership from NWU.

Professor Philippe-Joseph Salazar
Centre for Rhetoric Studies
University of Cape Town

Fondapol 2016

Distinguished Professor Philippe-Joseph Salazar was born in Morocco in 1955 and educated in France. He is considered one of the leading world specialists in rhetoric, understood as the study of argumentative technologies of power. An alumnus of prestigious Ecole Normale Supérieure (Paris) he studied under Louis Althusser, Jacques Derrida, Emmanuel Levinas and Roland Barthes. In 1978 he travelled to South Africa to undertake field-research on racial rhetoric, for a doctoral dissertation in social anthropology at the Sorbonne. The security police seized examination copies submitted for the viva. It was published as *L'Intrigue Raciale: Essai de Critique Anthropologique* in 1989. This first doctorate was followed by a senior doctorate or "Doctorat d'Etat". In 1995 he was elected a Fellow of the University of Cape Town where he founded the Centre for Rhetoric Studies. In 1999, he was elected to a research directorate in Rhetoric and Democracy at Collège International de Philosophie. He was appointed Distinguished Chair in Rhetoric and Humane Letters, currently held in the Faculty of Law at UCT. Author of more than 300 scholarly publications, and some 20 books, he has contributed to the study of reconciliation with reference works such as *An African Athens, Rhetoric and the Shaping of Democracy in South Africa* and his French translation of the TRC Report *Amnistier l'Apartheid* that has been credited for introducing ubuntu in French political thought. His scholarly range encompasses intelligence studies, comparative rhetorics, philosophy as well as world politics and surveillance theory. In 2008, he received the Harry Oppenheimer Fellowship Award.

A-RATED FOR THE 5TH TIME

Professor Michael Wingfield
Forestry and Agricultural Biotechnology Institute
University of Pretoria

Professor Michael Wingfield's internationally recognised research is focused on insect and disease problems affecting trees established in plantations and those in natural woody ecosystems. He is particularly interested in the global pathways of movement of tree pests and in strategies to manage their negative impact. Prof Wingfield obtained his PhD in Plant Pathology and Entomology from the University of Minnesota. He spent 10 years in the public sector at the Plant Protection Research Institute in Stellenbosch and was the Founding Director of the Forestry and Agricultural Biotechnology Institute (FABI) at the University of Pretoria. At the end of 2017 he stepped down from this position after 20 years at the helm, and at a time when the Institute had gained substantial national and international recognition. He now serves as advisor to the Executive of the University of Pretoria, and as President of the International Union of Forestry Research Organisations (IUFRO) based in Vienna, which represents more than 15 000 forest researchers globally. Over the course of his career, he has published more than 900 ISI listed papers as well as a number of books and numerous book chapters. He is included in the Clarivate list of the 6000 most highly cited scientists in the world, and has supervised more than 100 PhD students. He has been widely recognised for his research, including receiving the Kwame Nkrumah Science Award from the African Union, and being awarded honorary doctorates from the University of British Columbia (Canada) and North Carolina State University (USA).

In recognition of extraordinary, impactful and transformative contributions towards the advancement of South African science nationally and internationally for the benefit of humanity.

Dr Khotso Mokhele

Few have done as much to guide the development of science in South Africa since democracy as Dr Khotso Mokhele. His vision has been guided by his deep conviction that, for a truly democratic society to emerge in South Africa, all people must be empowered to be its architects and must have unhindered access to those careers upon which our economy is built. This philosophy has impacted on the strategies of, first, the Foundation for Research Development (a precursor to the National Research Foundation) and, subsequently, the NRF, with a strong focus on capacity building, particularly among black South Africans; a research support framework informed by national priorities; and adherence to stringent quality criteria to ensure that South African science can compete with the best in the world.

Dr Mokhele was born and raised in Bloemfontein. After matriculating from the Moroka High School he went on to study at Fort Hare, where he graduated with a BSc in Agriculture, winning the Massey-Ferguson Award for the best student in that field. As a recipient of the prestigious Fulbright-Hays Scholarship, Dr Mokhele entered the University of California in Davis where he took an MSc and a PhD degree, both in Microbiology. He was awarded post-doctoral fellowships at the Johns Hopkins University School of Medicine in Baltimore (under Nobel Prize winner Dr Hamilton Smith), and at the University of Pennsylvania, Philadelphia. On returning to South Africa, he took up a teaching and research post at the University of Fort Hare before moving to the University of Cape Town. In 1992 he joined the FRD, making his presence felt as an outstanding organiser and communicator. Several new research funding programmes were initiated, with a strong emphasis on developing people who had previously been excluded. In 1996 he became the President of the FRD, and subsequently the Founder President of the NRF [the merging organisation of the FRD and the Centre for Science Development (CSD) of the Human Sciences Research Council (HSRC)] in 1999, where he was responsible for the development of a strategic framework for unified research support programmes across all disciplines.

He was instrumental in securing government support for the Southern African Large Telescope (SALT) project and subsequently worked to recruit international partners as co-investors in this flagship programme. Upon successful ground-breaking for the construction of SALT, Dr Mokhele convened and led a meeting to challenge the astronomy community to conceive of the next major project for South Africa to undertake. It was at this meeting that South Africa's participation in what has become a multi-billion Rand Square Kilometre Array (SKA) Telescope was conceived. He recognised the importance of South Africa's re-entry into the international science community and has been an ambassador for South African and African science in high-profile international fora. He represented South Africa on the Executive Board of UNESCO; was elected Vice-President: Scientific Planning and Review of the International Council for Science (ICSU); and was made a Chevalier of the Legion of Honour by the President of France in recognition of his personal efforts in strengthening scientific ties between France and South Africa. He recently facilitated the merger of two global science organisations, the International Council for Science (ICSU) and the International Social Sciences Council (ISSC) to create the International Science Council which was launched in Paris in July 2018.

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, and for the manner in which their work has touched and shaped the lives and views of many South Africans.

Professor Teboho Moja
Steinhardt School of Culture, Education and Human Development
New York University

Policy, academics and activism have been the three intersecting paths of Professor Teboho Moja's career and the driving forces behind her passion for education.

Born in Pretoria and raised in Atteridgeville, she first engaged in social justice activism while attending Setotolwane High School in Polokwane. Sparked by the expulsion of apartheid struggle icon, Onkgopotse Abram Tiro, from the then University of the North, for criticising the Bantu Education Act (he was later murdered by the apartheid government) and the injustices of the education system, Prof Moja began her journey as a champion for equality in higher education.

She studied Education at the University of the North and, after working as a teacher for two years, obtained her Master's degree from the University of the Witwatersrand. At the time, she required special ministerial permission from the government to be allowed to study at a "white" university.

Prof Moja exploited a loophole in the law which allowed her to study at the institution as long as a designated "black" university did not offer the same degree.

On a Fulbright Scholarship, she obtained her Doctor of Philosophy degree in Educational and Instructional Technology from the University of Wisconsin in the USA.

During her years in academia, she continued to engage in activism. She was one of the founders of the Union of Democratic University Staff Associations (UDUSA) and served as its national president. During that time, she and her colleagues explored the future of higher education policies in a post-apartheid South Africa, eventually producing the Red Book report on what they envisioned as a new higher education system for the country. She joined the National Education Policy Initiative (NEPI), a project of the Mass Democratic Movement, as a member of both its management and research team.

After stepping down as President of UDUSA, she joined the Centre for Educational Policy Development, an initiative of the ANC Education Desk funded by Canada's International Development Research Centre, as a higher education policy analyst.

In 1994, she joined the transition management team to the Department of Education where she spearheaded the establishment of the National Commission on Higher Education. The commission obtained approval from then President Nelson Mandela and commissioners were appointed, Prof Moja taking up the positions of Commissioner as well as Executive Director. This is where the three paths of policy, academics and activism intersected, culminating in the final report being handed to government.

Prof Moja then moved to the Department of Education as a Special Advisor to the then Minister of Education, Professor S.M.E Bengu. When the Minister's term ended, Prof Moja made the decision to return to academia, moving to New York University's Steinhardt School of Education where she is currently Professor and Director of the Higher Education Program.

Prof Moja has co-authored three books and served in an advisory capacity for a number of others through the Centre for Higher Education Transformation (CHET), a South African NGO that mobilises transdisciplinary skills for specific research and capacity development projects in the national and international higher education sector. In addition, she has published 25 book chapters and 14 peer-reviewed articles. She has also served on the editorial boards of numerous journals including the *Journal of Student Affairs in Africa* (which she helped establish and for which she continues to serve as editor-in-chief), *Perspectives in Education*, and the *African Journal of Educational Research and Development.*

She has supervised 13 doctoral students from NYU, with three more in the pipeline, and has served as an external examiner to eight more.
Over the course of her career, Prof Moja's work has received considerable recognition, including the Martin Luther King Jr Faculty Award from NYU; the Onkgopotse Tiro Award for Excellence in Education from the University of the North, and the Star Award as a leader and educationist. She has also received numerous prestigious fellowships including the Fulbright Scholarship, the Ernest Oppenheimer Memorial Trust Fellowship and the Ohio State University Fellowship for Visiting Scholars and Researchers, among others.

Prof Moja is a member of the Association for the Study of Higher Education (ASHE) and the American Education Research Association (AERA). She is also a Visiting Fellow at the Centre for the Advancement of Scholarship (CAS), University of Pretoria and an Extraordinary Professor in the Institute of Post-School Studies (IPSS) at the University of the Western Cape.

Agricultural Research Council	
Amoo SO	C3-rating
Caleb OJ	Y2-rating
De Beer CJ	Y2-rating
Joubert E	B3-rating
Junker K	C2-rating
Muchadeyi FC	C2-rating
Ncube B	Y2-rating
Nkongolo NV	C2-rating
Sabeta C	C2-rating
Scholtz MM	C1-rating
Truter M	C3-rating
Van Heerden J	C3-rating
Venter GJ	C1-rating

Cape Peninsula University of Technology	
Balyan VV	Y2-rating
Daramola JO	C3-rating
Davison GM	C3-rating
Engel-Hills PC	C2-rating
Fatoki OS	C2-rating
Knott BK	Y2-rating
Ntwampe SKO	C3-rating
Ralarala MK	C2-rating
Van der Westhuizen L	C2-rating

Central University of Technology	
Emuze FA	C3-rating
Lategan LOK	C3-rating
Mhlolo MK	C3-rating
Yadroitsava I	C2-rating

Council for Scientific and Industrial Research	
Abu-Mahfouz AM	C3-rating
Garland RM	C1-rating
Govender KK	Y2-rating
John MJ	C2-rating
Leenen L	C2-rating
Mwakikunga BW	C2-rating
Ojijo VO	Y2-rating
Ray SSR	B1-rating

Durban University of Technology	
Chapman MJF	B1-rating
Harris GT	C2-rating
Ijabadeniyi OA	C2-rating
Kanny K	C1-rating
Kudanga T	C2-rating
Madikizela LM	Y2-rating
Napier CE	C2-rating
Olanrewaju OA	Y2-rating
Preece J	B2-rating
Sabiu S	Y2-rating
Singh S	B3-rating
Vahed A	Y2-rating

East London Museum	
Whittington PA	C2-rating

Human Sciences Research Council	
Moyo S	C3-rating
Reddy SP	C2-rating

iThemba Laboratory for Accelerator Based Sciences	
Bucher TD	Y2-rating
Neveling R	B3-rating
Steyn GF	B2-rating

Mangosuthu University of Technology	
Bakare BF	Y2-rating
Lasich M	Y2-rating
Makhafola TJ	Y2-rating
Mkhize-Kwitshana ZL	C3-rating
Numbi BP	Y2-rating

National Health Laboratory Service	
Singh T	C2-rating

National Institute for Communicable Diseases	
Jansen van Vuren P	C2-rating
Muller EE	C2-rating
Munhenga G	C3-rating
Wolter N	C3-rating

Nelson Mandela University	
Anandjiwala RD	C3-rating
De Lange N	C1-rating
Farrington SM	C2-rating
Ham-Baloyi WH	Y2-rating
Hayward M	B3-rating
Janse van Vuuren HE	C2-rating
Kakembo V	C1-rating
Neethling JH	B1-rating
Nel JL	B3-rating
Quick LJ	Y1-rating
Vrancken PHG	C1-rating
Webb P	C1-rating

North-West University	
Adeleke RA	C2-rating
Aziz T	Y2-rating
Bantwini BD	C2-rating
Bekker I	C2-rating
Bessarabov DG	C1-rating
Branken DJ	Y2-rating
Carstens WAM	C1-rating
Du Plessis E	C3-rating
Du Plessis LH	C2-rating
Engelbrecht NE	Y1-rating
Erlank W	Y1-rating
Everson RC	C2-rating
Gerber M	C2-rating
Goede R	C2-rating
Havenga HM	C2-rating
Idemudia ES	C2-rating
Koen V	Y2-rating
Krieg HM	C2-rating
Kriek RJ	C2-rating
Loots DT	C1-rating
Lubbe MS	C2-rating
Lucrezi SL	C2-rating
Mashele HP	C2-rating
Moller M	Y2-rating
Mostert K	C2-rating
Nel M	C2-rating
Neomagus HWJP	C2-rating
Odendaal AA	Y2-rating
Peltzer KF	C3-rating
Petzer JP	C1-rating
Phaswana-Mafuya NR	C2-rating
Pieters M	C1-rating
Rheeder AL	C2-rating
Rothmann S	C1-rating
Saayman A	C1-rating
Schoeman IM	C2-rating
Simmonds SR	Y1-rating
Slabbert E	C3-rating
Struwig M	Y2-rating
Thekisoe MMO	C2-rating
Van der Waldt DLR	C3-rating
Van der Walt MM	Y2-rating
Van der Westhuizen FH	B2-rating
Van Rooy HF	B3-rating
Van Vreden M	Y2-rating
Verhoef AH	C2-rating
Viljoen HM	C1-rating
Winde F	C1-rating
Wissing MP	C1-rating

Nuclear Energy Corporation of South Africa	
Marais D	Y2-rating
Van der Walt IJ	C2-rating

Rhodes University	
Amtaika AL	C3-rating
Buttner SH	C3-rating
Chithambo ML	B2-rating
Clarence SL	Y2-rating
Jordaan EC	C2-rating
Khene CJ	C2-rating
Machanick P	C2-rating
Mack JDJ	B2-rating
Marais MJ	B1-rating
Medved AJM	C1-rating
Mgqwashu EM	C3-rating
Moller V	B1-rating
Phiri AMM	Y1-rating
Remsing C	C1-rating
Siebörger IG	Y2-rating
Simbao RH	B3-rating
Tastan Bishop AO	C2-rating

Sefako Makgatho Health Sciences University	
Boy SC	C3-rating
Schellack N	C2-rating

Sol Plaatje University	
Msimanga A	C2-rating

South African Astronomical Observatory	
McBride VA	C1-rating
Pretorius ML	B3-rating
Skelton RE	C1-rating

South African Environmental Observation Network	
Human LRD	Y2-rating
Pattrick P	Y2-rating

South African Institute for Aquatic Biodiversity	
Cowley PD	B2-rating

South African Medical Research Council	
Carney T	C2-rating
Cooper SD	C1-rating
Daniels KL	C2-rating
Hanass-Hancock J	C1-rating
Johnson R	C2-rating
Mazibuko Mbeje SE	Y2-rating
Petersen Williams P	Y2-rating
Pheiffer CP	C2-rating
Pillay-van Wyk V	C3-rating
Wiysonge CS	B2-rating
Wright CY	C2-rating

South African National Biodiversity Institute	
Le Roux MM	Y2-rating
Tolley KA	B2-rating

South African Sugarcane Research Institute	
Snyman SJ	C2-rating
Titshall LW	C2-rating

South African Weather Service	
Martin LG	Y2-rating
Yigiletu MT	Y2-rating

Stellenbosch University	
Akudugu JM	C1-rating
Baird D	B2-rating
Bekker SB	C1-rating
Bishop JM	C1-rating
Blaauw R	C2-rating
Blignaut JN	C1-rating
Boshoff HC	B3-rating
Chimphango AFA	C2-rating
Coertzen P	C1-rating
Cook J	B2-rating
Daniels SR	B2-rating
De Jager ML	Y1-rating
De Klerk HM	C2-rating
De Kock L	B3-rating
De Villiers DIL	C1-rating
Dreyer LL	C2-rating
Drimie SE	C2-rating
Du Plessis S	Y2-rating
Du Toit MCK	C1-rating
Dubbeld BM	Y1-rating
Emsley R	B1-rating
Esterhuysen C	C1-rating
Ferris WF	C2-rating
Fidder-Woudberg S	Y2-rating
Frick BL	C1-rating
Geldenhuys J	C1-rating
Gouws RH	B2-rating

Grobler TL	Y1-rating
Groenwold AA	B3-rating
Gule NP	Y2-rating
Hauptfleisch T	B3-rating
Heine M	Y2-rating
Huisamen B	C1-rating
Kagee SA	B3-rating
Kamper H	Y1-rating
Kilian S	Y2-rating
Kirsten JF	B2-rating
Kraak WJ	Y2-rating
Kumschick S	C1-rating
Lambrechts D	Y2-rating
Le Grange LLL	B2-rating
Leisching GR	Y2-rating
Leveel ECG	C2-rating
Louw A	C1-rating
Louw TM	Y2-rating
Maarman GJ	Y2-rating
Maciejewski K	Y2-rating
Mandegari M	Y2-rating
Marais N	Y2-rating
Matthee CA	B2-rating
Matthee S	C1-rating
Mbaya H	C2-rating
Measey GJ	C1-rating
Meitz-Hopkins JC	C3-rating
Miller JA	C1-rating

MJI G	C2-rating
Moore JP	C2-rating
Nel JH	C2-rating
Newman RT	C2-rating
Ochodo EA	Y2-rating
Pfukwa H	Y2-rating
Pfukwa R	Y2-rating
Poblete CA	C2-rating
Potgieter L	Y2-rating
Preiser R	C2-rating
Ralaivaosaona D	Y2-rating
Rhode C	Y2-rating
Robins SL	B2-rating
Roets F	C1-rating
Rohwer EG	C1-rating
Rozanov A	C3-rating
Rule PN	C2-rating
Schreve K	C2-rating
Sempa JBS	Y2-rating
Spies G	C2-rating
Spocter MA	C3-rating
Stevens N	Y2-rating
Terblanche NS	B3-rating
Tsige AA	C3-rating
Valentine AJ	C2-rating
Van Beek UJ	C3-rating
Van de Vyver M	Y2-rating
Van der Berg S	C1-rating

Van der Merwe AB	C2-rating
Van der Waal CS	C2-rating
Van der Walt C	B3-rating
Van der Westhuizen JE	C2-rating
Van Reenen AJ	C2-rating
Van Zijl L	C1-rating
Varzinczak IJV	B3-rating
Venter G	C2-rating
Venter RE	C3-rating
Vijoen SC	C2-rating
Viljoen-Bloom M	C2-rating
Volschenk H	C2-rating
Von Fintel M	Y2-rating
Wang R	C1-rating
Williams-Elegbe S	B2-rating
Wilson JR	B2-rating
Tshwane University of Technology	
Dakora FD	B2-rating
Ebewo PJ	C3-rating
Kamatou Poungoue GP	C3-rating
McCrindle RI	C1-rating
Steyn GS	C2-rating
University of Cape Town	
Adhikari M	B3-rating
Altwegg R	B3-rating
Amien W	C2-rating
Attwood CG	C2-rating
Biccard BM	B2-rating

Blom DJ	C1-rating
Bosch AN	C1-rating
Bruyns PV	C1-rating
Butler AM	B3-rating
Carignan C	B1-rating
Chimphango SBM	C2-rating
Chimusa ER	C2-rating
Chu KM	C3-rating
Collins MR	B1-rating
Corder HM	B2-rating
Corin KC	C2-rating
Crankshaw O	C1-rating
Darch CM	C1-rating
De Vos PF	C1-rating
De Vries PJ	B1-rating
Dyer RA	B1-rating
Eckardt FD	B2-rating
Erni B	C2-rating
Fagan-Endres MA	Y1-rating
Falowo OE	C2-rating
Folly KA	C2-rating
Gain JE	B2-rating
Glazewski JI	C1-rating
Groot PJ	B1-rating
Guler R	C2-rating
Gwanyanya A	C2-rating
Haines LM	B3-rating
Hamilton CA	B2-rating

Researchers Rated During The 2018 Rating Cycle (Other Categories)

Harris C	B2-rating
Hoffman MT	B2-rating
Hull GTB	Y1-rating
Hunter R	B2-rating
Hurdayal R	Y1-rating
Isafiade AJ	C2-rating
Jardine MA	C2-rating
Kaminer DB	B3-rating
Kassanjee R	Y1-rating
Kerr AN	Y2-rating
Langdon GS	B3-rating
Le Roux PJ	C1-rating
Leibbrandt MV	B1-rating
London L	B2-rating
Louw J	B2-rating
Luckett KM	C2-rating
Madden VJ	Y2-rating
Madiba MR	C3-rating
Mckinney CW	C1-rating
Meintjes GA	B1-rating
Meyers PR	C2-rating
Moloney CL	B2-rating
Moodley D	C2-rating
Morrell RG	B1-rating
Muasya AM	B1-rating
Muller JP	B1-rating
Ndlovu HH	Y2-rating
Ngwenyama O	B2-rating

Odera PA	C3-rating
Opitz E	Y2-rating
Petersen J	B2-rating
Pillay D	C2-rating
Prinsloo MH	B1-rating
Rae DE	C2-rating
Ramutsindela MF	B2-rating
Roovers JPWR	C2-rating
Sandmeier R	C1-rating
Saunders CC	C1-rating
Saunders CJ	Y2-rating
Sealy JC	B1-rating
Sloan RA	Y1-rating
Steyn NP	C1-rating
Suleman H	B3-rating
Tayob AI	B3-rating
Tredoux CG	B2-rating
Van Zyl-Smit RN	C2-rating
Wallis LA	B1-rating
Wardle D	B1-rating
Watermeyer BP	C1-rating
Watson VJ	B1-rating
Weigert HWG	B1-rating
Weltman A	B1-rating
Williamson AL	B1-rating
Wittenberg MW	C2-rating
University of Fort Hare	
Afolayan AJ	C2-rating

Beyene ST	C3-rating
Makamba BB	C3-rating
Meyer EL	C2-rating
Nwauche ES	C1-rating
Okoh AI	C1-rating
Tambling CJ	C2-rating
University of Johannesburg	
Ade-Ibijola AO	Y2-rating
Akinlabi SA	C3-rating
Asuelime EL	Y2-rating
Bennett BM	C1-rating
Berman KS	C2-rating
Bilchitz DI	B2-rating
Bornman L	C3-rating
Broadbent AB	B1-rating
Cairncross B	C1-rating
Doyle BP	C2-rating
Dzobo O	Y2-rating
Edwards DJ	B1-rating
Ehlers EM	C3-rating
Elburg MA	B2-rating
Fatoba OS	Y2-rating
Frenkel RN	C2-rating
Hankela EA	Y1-rating
Henning E	C1-rating
Hill C	C3-rating
Kayitesi E	Y2-rating
McNaught C	B2-rating

Meijboom R	B3-rating
Millard D	C2-rating
Mitova VA	C1-rating
Moorosi PC	C1-rating
Moyo D	C2-rating
Musakwa W	Y2-rating
Myburgh CPH	C2-rating
Ndungu PG	C2-rating
Nel JBS	C2-rating
Nomngongo PN	Y1-rating
Nwulu NI	Y2-rating
Oke AE	Y2-rating
Phooko MR	Y2-rating
Pillay J	C2-rating
Poggenpoel M	C2-rating
Roberts SJ	C3-rating
Rogerson CM	B1-rating
Scholz MS	B3-rating
Sinha S	C2-rating
Sinthumule NI	Y2-rating
Smith AJB	Y1-rating
Sonnekus JC	B3-rating
Tomaselli KG	B1-rating
Van der Bank M	C1-rating
Van Dyk JC	C2-rating
Venter E	C3-rating
Von Solms SH	B2-rating
Wagenaar (nee Pieterse) GM	C2-rating

Watney MM	C2-rating
Yu K	C3-rating
University of KwaZulu-Natal	
Afullo TJO	C2-rating
Ajibade PA	C3-rating
Amin N	C2-rating
Azu OO	C2-rating
Baboolal D	C1-rating
Birke TK	C1-rating
Bucher MA	B1-rating
Carranza EJ	B1-rating
Chiliza B	C2-rating
Chimbari MJ	C2-rating
Chimonyo M	C1-rating
Clulow AD	C2-rating
De Meyer BAMS	C1-rating
Demlie Bekele M	C3-rating
Denis PMBR	C1-rating
Draper JA	B1-rating
El Zowalaty MEMEZ	C2-rating
Essack SY	C2-rating
Finch JM	C2-rating
Garaba F	C2-rating
Govender N	C2-rating
Govender T	C3-rating
Govinder KS	C1-rating
Hoskins RGM	C2-rating
Konrad T	B3-rating

Leeb-Du Toit JC	C2-rating
Mabhaudhi T	Y2-rating
Mace RL	B3-rating
Mackraj I	C2-rating
Madiba TE	C2-rating
Magidimisha HH	Y2-rating
Maharaj P	C1-rating
Maharaj SD	B3-rating
Mashige KP	C2-rating
Mewomo OT	C2-rating
Mola GT	C2-rating
Moodley B	C3-rating
Moodley K	B3-rating
Mtapuri O	C2-rating
Naicker T	Y2-rating
Naidoo G	C2-rating
Naidoo S	C2-rating
Odindi JO	C2-rating
Ojong VBA	C3-rating
Owaga BO	C2-rating
Pegram GGS	B3-rating
Pillay AL	C1-rating
Pillay K	C2-rating
Proches S	C1-rating
Rambharose SK	Y2-rating
Robinson RS	C2-rating
Ross AJ	C2-rating
Sartorius BKD	C1-rating

Settler FG	C2-rating
Sibanda M	Y1-rating
Sinayskiy I	C1-rating
Smithers JC	C2-rating
Tanser FC	B2-rating
University of Limpopo	
Cook I	C3-rating
Mashegoane S	C3-rating
Motaung DE	C2-rating
Mpofu S	Y2-rating
Velempini M	C3-rating
University of Mpumalanga	
Mayekiso TV	C3-rating
University of Pretoria	
Anguelov R	B2-rating
Apostolides Z	C2-rating
Archer ERM	C2-rating
Auret FD	B2-rating
Banasiak J	B1-rating
Banda K	C1-rating
Beckmann JL	C2-rating
Bekker A	C1-rating
Berger DK	B2-rating
Boraine A	B2-rating
Botha PJ	C2-rating
Cloete CE	C3-rating
Delport R	C2-rating
Dippenaar MA	Y2-rating

Djoko Kamdem JDK	C2-rating
Donoghue S	C3-rating
Douglas A	C3-rating
Dreyer G	C2-rating
Dreyer WA	C3-rating
Du Plessis WP	C2-rating
Dumont Y	C1-rating
Duvenhage RDEV	C1-rating
Ebenhan TE	C1-rating
Eloff JHP	B2-rating
Els PS	B2-rating
Evans R	C2-rating
Fraser WJ	C2-rating
Geyser-Fouche AB	C2-rating
Gitau MN	C2-rating
Gräbe PJ	B3-rating
Gray RA	C2-rating
Gummow B	C1-rating
Gwizdala MS	Y1-rating
Jacobsz SW	C2-rating
Jami F	C2-rating
Jooste AS	C3-rating
Joubert AM	C1-rating
Keith M	C3-rating
Keough N	Y2-rating
Kgatla ST	C2-rating
Koch SF	C2-rating
Kok JA	C2-rating

Korsten L	B2-rating
Kotze P	C1-rating
Kruger C	C2-rating
Lall N	C1-rating
Landman WA	B2-rating
Lubuma JMS	B2-rating
Makhalanyane TP	Y1-rating
Mare E	C3-rating
Markotter W	C1-rating
Matthee MC	C2-rating
McCrindle CME	C3-rating
McKechnie AE	B2-rating
Meyer JJM	B3-rating
Meyer PWA	C3-rating
Momodu DY	Y2-rating
Naude N	C3-rating
Naudé Y	C2-rating
Nöthling JO	C2-rating
Oberholzer HM	C2-rating
Okonkwo K	C3-rating
Pilcher LA	C2-rating
Pretorius MW	C2-rating
Prinsloo DJ	B2-rating
Rapoport BL	B2-rating
Rensburg RS	B3-rating
Reyburn DB	Y2-rating
Simut CCS	C3-rating
Siyasiya W	C3-rating

Steenkamp G	C2-rating
Steyn WJVDM	B3-rating
Taylor JRN	B1-rating
Tesfamariam EH	C2-rating
Thebe V	C3-rating
Thomas PJ	B2-rating
Thopil GA	Y2-rating
Tordiffe ASW	C2-rating
Truter WF	C2-rating
Van Aarde RJ	B2-rating
Van der Linde J	Y2-rating
Van der Merwe EM	C2-rating
Van Wyk T	Y2-rating
Venter HS	B3-rating
Verschoor JA	C1-rating
Viljoen FJ	B2-rating
Wagner C	C2-rating
Ward MJD	C1-rating
Waschefort CA	Y1-rating
Weber KE	C2-rating
Weldon CW	C2-rating
Wepener CJ	C1-rating
Ye X	Y2-rating
Zondi WS	C2-rating
University of South Africa	
Alexander PM	C2-rating
Baloyi ME	C2-rating
Bentley W	C2-rating

Bornman E	C2-rating
Botha AE	C1-rating
Chetty S	C2-rating
Devroop KD	C2-rating
Dreyer E	C2-rating
Dreyer JS	B3-rating
Erasmus LJ	C2-rating
Ho WH	C3-rating
Kgatle MS	Y2-rating
Khumalo M	C3-rating
Kloppers EC	C2-rating
Kreuiter AD	C2-rating
Leeuw L	C2-rating
Makoe ME	C3-rating
Malan KM	C1-rating
Mishra S	C2-rating
Msagati AM	C2-rating
Mukeru S	C3-rating
Muleja AA	Y2-rating
Murray J	C2-rating
Ndlovu SM	C1-rating
Pillay V	C2-rating
Prinsloo P	B3-rating
Rabe ME	C2-rating
Ramantswana H	C2-rating
Samkin JG	B3-rating
Snyman GF	C2-rating
Strijdom JM	C2-rating

Tekere M	C3-rating
Twinomurinzi H	C2-rating
Vallabhapurapu VS	C2-rating
Van Biljon JA	C2-rating
Van der Poll JA	C2-rating
Wiese M	C2-rating
University of the Free State	
Albertyn J	C2-rating
Ashafa AOT	C2-rating
Beyers C	C3-rating
Brink A	Y1-rating
Campbell MM	C3-rating
De Wit M	C3-rating
Du Plessis LT	C1-rating
Duvenhage MM	Y2-rating
Erasmus E	C3-rating
Glenn IE	C2-rating
Heunis JC	C2-rating
Kroukamp HJ	C3-rating
Le Roux A	C2-rating
Louw DA	C2-rating
Lues L	C3-rating
Melber HM	B2-rating
Moodley AA	C2-rating
Mpofu N	Y2-rating
Naude JA	B3-rating
Ocaya RO	C3-rating
Ogunnubi OR	Y2-rating

Orrego-Carmona JD	Y1-rating
Osthoff G	C1-rating
Schutte-Smith M	Y2-rating
Scott L	B1-rating
Sebolai OM	C2-rating
Smit DM	C3-rating
Solomon H	B3-rating
Strauss HJ	C2-rating
Terblans JJ	C1-rating
Van Coller HP	C1-rating
Van der Merwe AJ	C2-rating
Van Soelen B	Y1-rating
Williams CA	C2-rating
University of the Western Cape	
Antunes EM	C2-rating
Bujlo P	C3-rating
Conradie EM	B1-rating
De Ville JR	B3-rating
Den Haan R	C2-rating
Ennion L	Y2-rating
Field RM	C2-rating
Frantz JM	C2-rating
Green LC	C1-rating
Hofmeyr MD	C1-rating
Julie CM	B3-rating
Mchiza ZJ	C3-rating
Moolman JP	C2-rating
Mujuzi JD	C2-rating

Sanders DM	B1-rating
Schneider H	B2-rating
Tabana H	Y2-rating
Tucker WD	C1-rating
Van Wyk S	C2-rating
Walters SC	B1-rating
University of the Witwatersrand	
Ahmed FE	C2-rating
Alagidede P	C2-rating
Arbuthnot PB	B2-rating
Bada SO	C3-rating
Balkwill K	C2-rating
Benoit JCP	Y1-rating
Berger LR	B2-rating
Billing DG	C1-rating
Brennan CAC	C2-rating
Bruce JC	C2-rating
Casale DM	C2-rating
Choonara YE	C2-rating
Coetzee BWT	Y1-rating
Colafrancesco S	B2-rating
Coleman EC	Y2-rating
Coville NJ	B2-rating
Derry TE	C1-rating
Dyani-Mhango NV	C3-rating
Evans DH	C2-rating
Fitchett JM	Y1-rating
Hollmann JC	C2-rating

Jejjala VJ	B2-rating
Jonck E	C2-rating
Knight J	B3-rating
Laryea SA	C1-rating
Mahlangu JN	B3-rating
Mahomed FM	B1-rating
Majozi T	B1-rating
Makalela L	B3-rating
Makonye JP	C3-rating
Mall S	Y2-rating
Marimuthu T	Y2-rating
Mellado B	B1-rating
Michael JP	B1-rating
Misago JP	C2-rating
Mitra R	C2-rating
Mphako-Banda EG	C3-rating
Ndiritu JG	C3-rating
Neumann FHC	C1-rating
Ntsiea MV	C2-rating
Quandt AQ	B2-rating
Rodrigues JAP	B3-rating
Ruan XR	Y1-rating
Rubin MW	C2-rating
Sacks N	C2-rating
Sadr K	C1-rating
Schepartz LA	B2-rating
Schoeman MH	C2-rating
Stacey TR	B1-rating

Sucker FS	Y1-rating
Thornton RJ	C1-rating
Usman IT	C2-rating
Van Zyl TL	C3-rating
Vearey JL	B3-rating
Vice S	B3-rating
Wade AN	C3-rating
Wadley AL	Y2-rating
Wagner RG	Y2-rating
Wamwangi DM	C2-rating
Wareham CS	Y1-rating
Zinsou B	C2-rating
Zipfel B	C1-rating
University of Venda	
Ekosse GE	C1-rating
Ndogmo JC	C2-rating
Potgieter N	C2-rating
Shonhai A	C2-rating
Sigauke C	C3-rating
University of Zululand	
Elumalai V	C2-rating
Motaung TE	Y2-rating
Vaal University of Technology	
Campbell RI	C1-rating
Ofomaja AE	C2-rating
Pillay M	C3-rating
Walter Sisulu University	
Taziwa RT	Y2-rating

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