



Jodi Allemeier, Western Cape Economic Development Partnership

Jodi Allemeier is Programme Lead at the Economic Development Partnership (EDP), primarily supporting the City of Cape Town with partnerships for adaptive approaches to urban development. Jodi was the Central City Development Manager at the Cape Town Partnership; a Director at Urban-Econ; and a social worker at BADISA. Jodi is a co-founder of Open Streets Cape Town and has served on various boards, including The Service Dining Rooms and OBSID. Jodi was a Harvard Kennedy School Emerging Leader and Harvard Kistefos fellow for Leading Economic Growth, and is a Global Governance Futures 2030 fellow at the Global Public Policy Institute. Her interest in disruptive digitalisation stems from involvement in open data, smart cities and women in tech, as well as city-focused futures studies.



Dr Michael Gastrow, Human Sciences Research Council

Michael Gastrow is a Chief Research Specialist in the Education and Skills Development research programme at the HSRC. His research is focussed on science, technology, and skills development in their social context. This scope includes research into the co-evolution of innovation and skills, public perceptions of science, and science communication. Gastrow has published over 20 peer reviewed journal articles, and authored two books: *The stars in our eyes: representations of the Square Kilometre Array telescope in the South African media* (2017, HSRC Press), and *Linking universities and marginalised communities* (2015, HSRC Press with Kruss).



Dr Albert Strever, Agro-Innovation Hub (Grapes & Wine), Stellenbosch University

Dr Albert Strever is currently employed in the Department of Viticulture and Oenology in the Faculty of AgriSciences, Stellenbosch University to set up a wine industry Innovation Hub within the Faculty. He has established a research programme with the focus on grapevine cultivation and physiology, and in aspects related to remote sensing, climate studies and GIS. In 2017, he was part of a project team of the University of Stellenbosch Business School (USBE) that was commissioned by the Western Cape Department of Agriculture to scope the future of Agriculture in the Western Cape within the context of the 4th Industrial Revolution.



Dr Glenda Kruss, Director, Centre for Science, Technology and Innovation Indicators

Dr Glenda Kruss is the deputy executive director and head of the Centre for Science, Technology and Innovation Indicators at the Human Sciences Research Council. She is a skilled facilitator with wide experience of conceptualising and moderating multi-stakeholder policy roundtables, bringing together policy makers, researchers and practitioners. She has conducted research mapping how universities and public research institutes link with firms, how they build their capabilities to interact with marginalised communities to diffuse STI to enhance livelihood opportunities, as well as on IID strategy and STI policy.



PROGRAMME

National Advisory Council on Innovation Western Cape Provincial Roadshow Workshop

Disruptive digitalisation, transformative change and inclusion: How do we design a responsive measurement agenda in South Africa?



20 July 2018 | 09h00-14h00 | Philippi Village

REGISTRATION (09h00-09h30)

WELCOME: Godfrey Mashamba, Chief Director: Science and Technology Investment, Department of Science and Technology (Programme Director)

OPENING REMARKS: Prof. Crain Soudien, Chief Executive Officer, *Human Sciences Research Council*, Dr Mlungisi Cele, Acting Chief Executive Officer, *National Advisory Council on Innovation*

KEYNOTE ADDRESS:

- NACI 2017 Science, Technology and Innovation Indicators Report
- Dr Azar Jamine, NACI Council Member

BREAK (10h45-11h00)

PANEL:

- Approaches that promote inclusion in the process and benefits of innovation, in the context of rapid digitalisation, automation, robotics and big data
- Kgomotso Matlapeng, *Department of Science and Technology* (Facilitator), Garth Williams, *Technology Innovation Agency*, Jodi Allemeier, *Western Cape Economic Development Partnership*, Dr Michael Gastrow, *Human Sciences Research Council*, Dr Albert Strever, *Agro-Innovation Hub (Grapes & Wine), Stellenbosch University*

BRINGING IT TOGETHER:

- Towards a responsive measurement agenda
- Dr Glenda Kruss, *Deputy-Executive Director, Centre for Science, Technology and Innovation Indicators, Human Sciences Research Council*

LUNCH AND NETWORKING (12h30-14h00)

Background

In an era characterised by large-scale digital disruption and fast-changing competitive patterns affecting all industries, innovation is a bedrock of successful firms and economies, and central to South Africa's economic growth strategies. The global challenges of the next industrial revolution are particularly acute in the context of growing inequality and poverty, which require that the fruits of disruption need to be equitably shared. In response, the new policy vision for science, technology and innovation is informed by the priorities of inclusion, structural economic change, and transformation. How do we incorporate these issues of transformative change and digital disruption in the STI measurement agenda?

The launch of the National Advisory Council on Innovation's 2017 STI Indicators report provides an excellent opportunity for reflection. The NACI report assesses STI performance in terms of quality of life and wealth creation, enabled by business performance through innovation, a framework informed by the National R&D Strategy of 2002. In 2018, we invite key practitioners to reflect on their innovation experience and challenges, to highlight critical issues for measurement going forward.



**Prof. Crain Soudien, Chief Executive Officer:
Human Sciences Research Council**

Crain Soudien is the Chief Executive Officer of the Human Sciences Research Council and formerly a Deputy Vice-Chancellor at the University of Cape Town where he remains an emeritus professor in Education and African Studies. His publications in the areas of social difference, culture, education policy, comparative education, educational change, public history and popular culture include three books, three edited collections and over 190 articles, reviews, reports, and book chapters. He is involved in a number of local, national and international social and cultural organisations and is the Chairperson of the Independent Examinations Board, the former Chairperson of the District Six Museum Foundation, a former President of the World Council of Comparative Education Societies and had been the chair of the Ministerial Committee on Transformation in Higher Education and is currently the chair of the Ministerial Committee to evaluate textbooks for discrimination. He is a fellow of a number of local and international academies and serves on the boards of a number of cultural, heritage, education and civil society structures.



**Dr Mlungisi Cele, Acting Chief Executive Officer:
National Advisory Council on Innovation (NACI)**

Dr Cele holds a PhD in Higher Education Studies from the University of the Western Cape and an MPhil in Science and Technology Studies from Stellenbosch University. He joined the DST in 2005 and has been involved in various assignments related to science, technology and innovation policy, human capital development and strategy and planning and reviews. Prior to joining the DST, he worked as a researcher at the former University of Durban-Westville and the University of the Western Cape, where he conducted research and published in areas of higher education policy, science and technology policy, youth and student politics.



Dr Azar Jammie, NACI Council Member

Dr Azar Jammie is Director and Chief Economist of Econometrix. He has been in his current position since December 1985 and has established a significant profile in South Africa as an analyst and commentator on domestic and international economic affairs. Dr Jammie has conducted approximately 4000 presentations to leading client corporations and other institutions as well as at conferences dealing with the local and international economic environment. In this capacity he has been invited over the years by several corporations to serve as independent non-executive director. Dr Jammie is a member of the National Advisory Council on Innovation, a body of experts appointed by the Department of Science and Technology. Academically, Dr Jammie obtained a BSc (Hons) in Mathematical Statistics and a BA (Hons) in Economics at Wits, followed by an M.Sc in Economics from the LSE and a PhD at the London Business School.



**Godfrey Mashamba, Chief Director: Science and Technology
Investment, Department of Science and Technology**

Godfrey Mashamba oversees the production of national surveys of research and development (R&D) and innovation statistics; he administers the R&D tax incentive to promote private sector R&D investment in South Africa. He has experience spanning economic policy research, policy development, industrial financing, programme design and implementation as well as monitoring and evaluation (M&E) of strategic initiatives. Further, he interfaces with international bodies that collate country-level STI statistics, namely UNESCO Institute of Statistics, the Organisation for Economic Cooperation and Development (OECD), the African Science and Technology Indicators Initiative (ASTII) and others.



Kgomotso Matlapeng, Department of Science and Technology

Kgomotso Matlapeng is Senior Policy Analyst, Science and Technology Investment, at the Department of Science and Technology. In this role, she works on national R&D, business innovation, and IP and technology transfer surveys, as well as facilitates national, Africa-wide and global stakeholder engagement on STI measurement. She has also worked on financial stability analysis of the banking sector at the South African Reserve Bank.



Garth Williams, Technology Innovation Agency

Garth Williams is Research Specialist: Intelligence at the Technology Innovation Agency. He has worked previously at the Department of Science and Technology in advanced manufacturing technology policy and strategy, at Mintek in several roles and in the private sector. Garth has an MSc (Eng) in Materials Engineering from the University of Cape Town and an MSc in Science and Technology Policy (with distinction) from the University of Sussex.