

SPOTLIGHT SERIES: AFRICA DAY



TECHNOLOGY AND INNOVATIONS ADVANCING HEALTH IN AFRICA

PROGRAMME

25 MAY 2022, 10h00 – 12h00 (CAT)

Hosted by the Faculty of Medicine and Health Sciences (FMHS), Stellenbosch University (SU)

2 CPD points applied for.

Virtual Event via Zoom. Click [here](#) to register

AFRICA DAY 2022 PROGRAMME

10:00-10:10	10 min	Welcome and Opening	Prof Nico Gey van Pittius - Vice Dean: Research and Internationalisation and Professor in Molecular Biology, FMHS, SU
Africa Day Video Message from Students			
10:10-10:15	5 min	Video – FMHS Voices	
Panel			
10:15-11:25	1h 10min	<p>Panel Introduction & Overview – Dr Liela Groenewald</p> <p>Discussion points and session goals - Presenters will speak on topics related to the programme theme, which addresses technology and innovations advancing health in Africa. The panel will allow audience members to pose questions and contribute to the discussion.</p> <p>Prof Gerhard Walzl – Professor in Molecular Biology and Human Genetics, FMHS, Stellenbosch University <i>The BMRI Facility: Enhancing African Biomedical Research Capacity</i></p> <p>Dr Lungiswa Nkonki – Senior Lecturer in the Division of Health Systems and Public Health, FMHS, Stellenbosch University <i>The Role of Cost-Effectiveness Analysis in Advancing Health in Africa</i></p> <p>Prof Shadrick Mazaza – Honorary Professor in the Department of Family Medicine, School of Clinical Medicine, University of Free State; Honorary Professor, Division of Family Medicine, School of Public Health and Family Medicine, University of Cape Town, faculty member of the GSB, University of Cape Town. <i>Personal Transformation – The Intersection of Consciousness and Technology</i></p>	
Keynote Address			
11:25-11:50	25 min	Keynote Address Africa. Healthcare. Digital Age.	Dr John Mark Bwanika – Founding Partner and Director of the Medical Concierge Group (TMCG), Chief Operations and Research Officer at RocheHealth, East Africa
Closing and Vote of Thanks			
11:50-12:00	10 min	Summary and Vote of Thanks	Prof Elmi Muller - Dean of the Faculty of Medicine and Health Sciences (FMHS), Stellenbosch University

*Programme subject to change
Africa Day is hosted by the Tygerberg International (TI), FMHS, SU.

Faculty of Medicine and Health Sciences (FMHS)



Professor Elmi Muller, an internationally renowned surgeon, is the new Dean of the Faculty of Medicine and Health Sciences (FMHS) at Stellenbosch University. She is an A1-rated researcher who performed the first HIV positive to positive kidney transplants in the world in 2008 and today serves on several international bodies in recognition of her pioneering work. In addition to her MBChB and MMed (surgery) degrees, she also holds a PhD in surgery and an MBA. She is the first woman to lead the FMHS since its establishment in 1956. Prof Elmi Muller is married to Stephanus, a musicologist. They are parents to Willem and Johan.



Professor Nicolaas Claudius (Nico) Gey van Pittius VI, *BSc (PU), BSc Hons (PU), MSc (PU), PhD (Stell), LLB (UNISA), LLM (Stell), MBA (Stell), MPhil (Stell); M. ASSAF, M. Akad.SA* is currently Vice Dean of Research and Internationalisation in the Faculty of Medicine and Health Sciences (FMHS), Stellenbosch University (SU). Professor Gey Van Pittius leads an extensive portfolio that includes all aspects of research, postgraduate research studies (MSc and PhD degrees), internationalisation, and innovation (including intellectual property and technology transfer). He is also a full Professor of Molecular Biology in the Division of Molecular Biology and Human Genetics of the Department of Biomedical Sciences at Stellenbosch University and a core member of both the Department of Science and Technology (DST)/National Research Foundation (NRF) Centre of

Excellence in Biomedical Tuberculosis Research (CBTBR) and the Medical Research Council Centre for Tuberculosis Research (CTR), both hosted by Stellenbosch University. He is a South African National Research Foundation (NRF) B-rated (*internationally acclaimed*) researcher and was an elected member of both the 'Suid-Afrikaanse Akademie vir Wetenskap en Kuns' (South African Academy for Science and Arts, in 2006 at the early age of 33 years) and the Academy of Science of South Africa (ASSAf) (in 2010, at the age of 37 years). He is the Chair of the Provincial Health Research Committee (PHRC) of the Western Cape and a member of the National Health Research Committee (NHRC). He is also a member of several other national and international scientific societies and committees, such as the American Society for Microbiology (ASM) and the International Union against Tuberculosis and Lung Disease (IUATLD).



To view a list of his publications, please scan:



Dr Liela Groenewald is head of the Doctoral Office in the Faculty of Medicine and Health Sciences at Stellenbosch University. She was previously tenured as Senior Lecturer in Sociology and worked as adjunct faculty and consultant to various higher education institutions in South Africa. She specialises in academic planning and quality assurance, programme management and development, staff development, student support, and online delivery of higher education. Her research focused on public management, social responsibility / ESG, and the intersection between the formal sector and poor communities

Presenters' Professional Biographies



Dr John Mark Bwanika is a medical doctor and E-health specialist. He is the co-founder and director of operations at Rocket Health Africa. He is also a research fellow with the National Institutes of Health (NIH) Fogarty Global health fellowship. Rocket Health is a leading indigenous digital health and Telemedicine Company in East Africa that started in 2012. It is the leading digital health partner for Uganda's most critical public health programs and digital health research, serving over 3 million beneficiaries in the last five years. Since 2019, Rocket Health has been running an integrated healthcare service that comprises 24/7 medical teleconsultation services, last-mile delivery of medicines and other pharmaceutical products, community laboratory sample pickups, and a state-of-the-art stationary clinic. These are also complemented by the first-of-its-kind e-commerce site for healthcare products and services. The paying public access the Rocket health services using their funds or insurance premiums. Rocket health is the sole telemedicine partner for eight (12) leading health insurance providers in Uganda and East Africa. As part of the COVID-19 response, Rocket Health has grown to be the leading community information disseminator, telemedicine provider and last-mile respondent for COVID testing and medicine delivery- serving over 1 million people.



Professor Gerhard Walzl is a clinician scientist trained in internal medicine, pulmonology, and immunology in the Faculty of Medicine and Health Sciences (FMHS), SU and leads the Stellenbosch University Immunology Research Group. His research focused on the immunology of Mycobacterium tuberculosis (MTB) infection and host biomarkers, including diagnostic markers, markers of TB treatment response and characteristics of protective immunity against MTB. His team recruited participants with well-characterised MTB infection and disease phenotypes to study immune responses at the disease site through bronchoscopy. His research spans the divide between clinical and basic sciences in a high TB prevalence area. I have played a leading role in several international multisite projects funded by BMGF, EDCTP and the NIH. His team developed field-friendly diagnostic tests critical to the well-being of South Africans and others worldwide. He leads international, multidisciplinary research projects has published more than 250 peer-reviewed articles, submitted six patent applications that were all granted and had an NRF-rating of B1, an h-index of 56 in Scopus, and 68 in Google Scholar. He was an invited speaker at more than thirty international conferences and supervised more than fifty trainees during the past ten years.



Dr Lungiswa Nkonki is a senior lecturer in the Department of Global Health, Faculty of Medicine and Health Sciences (FMHS) at Stellenbosch University. Between 2013 and 2019, she served as a panel member on the Competition Commission of South Africa's Private Healthcare Market Inquiry. She is a member of the South African Young Academy of Science (SAYAS) and an Editorial Board member for PLOS Global Public Health and South African Journal of Science. Her research interests include economic evaluation of healthcare interventions – particularly the cost-effectiveness of community-based interventions improving maternal, child and adolescent health outcomes, measuring inequality in health outcomes, social determinants of health, maternal and child health, health systems research, universal health coverage, and private healthcare. She worked as a specialist scientist at the Medical Research Council.



Prof Shadrick Mazaza is a physician, philosopher, business school academic and international speaker. He lives in Cape Town, South Africa and is honorary professor, department of Family Medicine, School of Clinical Medicine, University of Free State, Bloemfontein, South Africa, honorary Professor, Division of Family Medicine, School of Public Health and Family Medicine, University of Cape Town, South Africa and faculty member of the Graduate School of Business at the University of Cape Town. Building on his academic work as a physician and leadership academic, he devoted the past two decades of his life about Personal Transformation as it applies to health and wellbeing, relationships, leadership, and organizational transformations. He is a regular speaker at medical and healthcare management leadership conferences. He offers his services as a transformative keynote speaker and delivering seminars and workshops through his organization -The Mazaza Academy of Transformation for the life of Business and the business of Life. He is Founder and Director of the African Consciousness Institute, a non-profit organization and Centre for Advanced Human Transformation for Africa's Development and Integration.

FMHS - Tygerberg International Secretariat



Dr Nyambura Mwangi is Head of the Tygerberg International (TI), Faculty of Medicine and Health Sciences (FMHS), Stellenbosch University (SU), South Africa. Nyambura is a trained mediator and a research associate at the SU Institute for Futures Research (IFR) and the UCT Centre for Comparative Law in Africa (CCLA). Nyambura's professional and research activities focus on international higher education (IHE) learning and innovation, strategic leadership engagement, institutional governance, partnership development and management. Previously, Dr Mwangi served as International Affairs Coordinator, University of Stellenbosch Business School (USB); Coordinator, Governance, Leadership and Strategic Engagement, Department of Student Affairs (DSA), Student Housing and Residence

Life (SH&RL), University of Cape Town (UCT); Programme Officer with the International Education for Peace Institute (EFP- International), Bosnia & Herzegovina (BiH); and co-founder, Partnerships and Communications, of Scezons cc, research and multisector consultancy. Nyambura holds a BA (Hons) in Political Science and Conflict Resolution, an MA in International Relations, Professional Masters (LL.M) in Tax Law, and a PhD in Business Administration.



Dr Dilshad Tung, MA (Counseling Psychology), PhD (International Psychology), currently develops international initiatives at Tygerberg International (TI) at the Faculty of Medicine and Health Sciences (FMHS) at Stellenbosch University (SU). She endeavours to expand the international reach of FMHS and SU through growing existing partnerships and fostering new collaborative programmes and initiatives with academic and professional institutions worldwide. Her professional background includes clinical counseling and research in International Psychology, specifically studying patterns of successful mentoring relationships among adolescent girls in South Africa. She has also contributed to research on social skills training for children and young adults on the autism spectrum and interventions

related to suicide prevention.



Mrs Tanya Abrahams currently works at Tygerberg International (TIO), focusing on Partnerships and supporting programmes at the Faculty of Medicine and Health Sciences (FMHS) at Stellenbosch University (SU). She is a qualified Social Worker [(B.A.) Social Work] with extensive experience in case, group, and community work in the non-governmental sector, corporate environments, correctional services, and academia. She holds an M(Phil) in Personal, Interpersonal & Professional Leadership and contributed to leadership research regarding women overcoming the effects of physical and emotional abuse through personal leadership development. She is currently a PhD student at the Graduate School of Business, University of Cape Town, where her research focuses on exploring leaders' lived experiences of critical self-reflection and its contribution to enhancing their leadership presence in South African organisations.



Ms Lelethu Mpapama is a 2022 Work-Study Programme Intern at the Tygerberg International (TI) and a fourth-year BSc Physiotherapy student at the Faculty of Medicine and Health Sciences (FMHS), Stellenbosch University (SU). Ms Mpapama creates and maintains the content of the TI Facebook page and produces multimedia contributions capturing SU student and stakeholder voices for the office. Lelethu also provides ongoing support through desktop research, review, and analysis of FMHS Institutional partnership and collaboration data, including the regular update of the TI online knowledge management repository.

For TIO International Programme queries and any further information, please contact:
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