

SU/NU Global Health Knowledge Hub Networking Conference Programme

DATE: 17 March - 18 March 2025

VENUE: Stellenbosch University

Pre-Conference Engagements			
Sunday, 16 March 2025			
17:00 - 20:00	Informal Dinner (Signups have closed.)		
Monday, 17 March 2025			
Wallenberg Centre at STIAS, 10 Marais Street			
08:00-09:00	Arrival and Registration		
09:00 - 09:30	Words of Welcome Auditorium 1		
	PARALLEL PANELS: (Each session consists of 40 minutes' speaking time & 20 minutes' discussion time.)		
09:30-10:30	<ul style="list-style-type: none"> Panel 1: Biomedical Engineering in low resource environments Auditorium 1 Panel 2: Opportunities for Collaboration in Healthy Aging and Longevity Research Auditorium 2 		
10:30 - 10:45	Refreshment and comfort break		
	PRESENTATIONS: (Each presentation consists of 8-10 minutes speaking time & 5 minutes' discussion)		
10:45 - 11:45	Stream 1 Auditorium 1	Stream 2 Manor House	Stream 3 Break Away Room 1
	Bridging Borders in Healthcare: 3D Printing and Digital Innovation for Rural Support Groningen University & Stellenbosch University	Capacity Building Workshop for Microbial Genomic Surveillance in Peru Northwestern University	Measuring early language development in under-resourced and multilingual contexts Northwestern University & Stellenbosch University
	Stakeholder Preferences for the Next Generation of Point-of-Care HIV Viral Load Northwestern University	Genomic surveillance of Candida auris and emerging yeast pathogens in Pakistan 2020 - 2024 Northwestern University	Usability Evaluation of Mobile Health Application for Early Childhood Development Teachers in Africa Stellenbosch University & Nelson Mandela University
	Analytical Tools for Advancing Innovation Systems in the Medical	Tracking the Intra-Host Evolution of Pathogenic Agents	Improving Maternal Health Outcomes through Technology Innovation

	Devices Sector Stellenbosch University	Northwestern University	Northwestern University	
	Design of a Small Blood Sample Incubator for use in Global Anthropological Research Northwestern University	Improving Technology Design to Advance Adoption of Kangaroo Mother Care Northwestern University	Identification of Use Cases Across the Warmth / Transport Journey for Small and Sick Newborns Northwestern University	
11:45 - 13:30	Networking & Themed Lunches (There will be dedicated spaces for each theme to meet and engage)			
	PARALLEL PANELS: (Each session consists of 40 minutes' speaking time & 20 minutes' discussion time.)			
13:30 - 14:30	<ul style="list-style-type: none"> Panel 3: Responding constructively to disruptions in US funding support for health services and research in South Africa Auditorium 1 Panel 4: Infectious diseases genomics, surveillance and diagnostics research Auditorium 2 			
14:30 - 14:45	Refreshment and comfort break			
	PRESENTATIONS: (Each presentation consists of 8-10 minutes speaking time & 5 minutes' discussion)			
	Stream 1 Auditorium 1	Stream 2 Manor House	Stream 3 Break Away Room 1	
	An External Fixator Study: Mechanical Behaviour of Illizarov Wires Experiencing Loading Stellenbosch University	Climate & Health: Collaboration between Northwestern & Stellenbosch Universities Northwestern University & Stellenbosch University	Community-academic partnerships for public health policy advocacy: trust, transparency and time Stellenbosch University	
14:45 - 15:30	Numerical Modelling of External Fixation Devices in the Lower Limb: A Systematic Review Stellenbosch University	Malawi`s progress towards UNAIDS 95:95:95 fast track targets, who is lagging? Stellenbosch University & Ministry of Health, Malawi	The Stellenbosch University-Africa Global and Public Health Student Network: building networks to support emerging public health leaders Stellenbosch University	
	Machine Learning Models for Segmentation and Analysis of Dual-Modality (PET-CT) Medical Images of the Lungs Northwestern University & Stellenbosch University	Addressing Health Systems Quality Gaps: Empowering Health Service Managers Through a Formal Academic Program Stellenbosch University	Expanding the horizons of global health research using creative and engaged research Stellenbosch University	
15:30 - 16:00	Refreshment and comfort break			
16:00 - 17:00	Launch of the SU-NU Global Health Knowledge Hub Auditorium 1 Speeches by SU Rector and NU counterpart			

17:00 - 19:00	Barbeque at STIAS				
19:00 - 21:00	Varsity Rugby (<i>Optional</i>)				
Tuesday, 18 March 2025					
Venue: Faculty of Medicine and Health Science, BMRI					
08:30 - 09:00	Arrival and Registration				
09:00 - 10:00	<p>Welcome & Round Table Discussion: BMRI 1081 Exploring concepts and practices of ‘partnerships’: perspectives from an academic Global Health Department</p> <p>To reflect on and start a discussion on the work of an inter-disciplinary academic Global Health in terms of nurturing partnerships in low-to-middle income contexts. To explore interpretations, lessons learned and future directions for higher education, and the implications thereof for future teaching and learning and research opportunities.</p>				
10:00 - 10:15	Refreshment and comfort break				
	PARALLEL PANELS: (Each session consists of 40 minutes’ speaking time & 20 minutes’ discussion time.)				
10:15 - 11:15	<ul style="list-style-type: none"> Panel 5: Fostering purposeful partnerships in global primary care research BMRI 1081 Panel 6: Collaboration in infectious disease genomics, surveillance and diagnostics and training and mentorship BMRI 3073 				
	PRESENTATIONS: (Each presentation consists of 8-10 minutes’ speaking time & 5 minutes’ discussion)				
11:15 - 12:00	Stream 1 BMRI 1074	Stream 2 BMRI 1075	Stream 3 BMRI 1081	Stream 4 BMRI 3073	
	From Bump to Baby: Evaluating the Implementation of Bulamu Healthcare’s Integrated Maternal and Newborn Program in Uganda Northwestern University and Bulamu Healthcare	Co-designing implementation strategies in HIV prevention: Case studies of two innovation tournaments in Botswana and the United States Northwestern University & University of Botswana	Establishing Sustainable Epilepsy Surgery Programs in Low- and Lower-Middle- Income Countries Northwestern University	A Novel Cough Aerosol Sampling Device for Sputum-Scarce Individuals with Tuberculosis University of Cape Town	
	Theoretical underpinnings of Global health. Is it new wine in old wineskins?	Estimating the Health and Economic Consequences of Cardiovascular Disease in South	Folic Acid Intake and Neural Tube Defects: Addressing Disparities Among Hispanic Women in the US and Global	Active Noise Cancellation for Low-Field MRI Northwestern University	

	Stellenbosch University	Africa: The South African CVD Policy Model Northwestern University Et al.	Implication Northwestern University		
	TBC	Building Capacity for Surgical Treatment of Drug-Resistant Epilepsy in Uganda Northwestern University	Barriers to Care for Children Born with Myelomeningocele in Zambia: Provider Perspectives Northwestern University Et al.	Can You Afford Not To...? A call for collaboration Stellenbosch University	
PARALLEL PANELS: (Each session consists of 40 minutes' speaking time & 20 minutes' discussion time.)					
12:15 - 13:15	<ul style="list-style-type: none"> Panel 7: Break Free, grow tall, reach far"- a system approach for STUNTING reduction BMRI 1081 Panel 8: Scoping Current Opportunities for Health Professions Education (SCOHPE) in Eastern, Southern and Western Africa BMRI 3073 				
13:15 - 15:00	Networking & Themed lunches <i>(There will be dedicated spaces for each theme to meet and engage)</i>				
PRESENTATIONS: (Each presentation consists of 8-10 minutes' speaking time & 5 minutes' discussion)					
15:00 - 15:45	Stream 1 BMRI 1074	Stream 2 BMRI 1075	Stream 3 BMRI 3073	Student Stream BMRI 1081	The student session will start already at 14:30. Northwestern Biomedical Engineering Students participating in Global Healthcare Technologies Course will be presenting their final presentations.
	Serve while we learn - Central Karoo in Reach Stellenbosch University	Exploring the Universe Within: Astronomy, Public Health, and Community Well-Being Stellenbosch University	Northwestern Human Longevity Laboratory: Objectives and Future Directions Northwestern University		
	A framework for the co-development of preschool teacher training through the World Café Stellenbosch University & Nelson Mandela University	Building the basis for purposeful partnerships for strengthening rehabilitation at primary health care in low resource settings Stellenbosch University	From warehouse to ward: Applying implementation research methods to the device identification, qualification, distribution, and management process within the NEST360 alliance Northwestern University Et al.		
	Developing an online course on Health Equity in the context of Integrated Rural Development Planning Stellenbosch University	Reclaim Baby Incubator (Rebib) Initiative - A low cost and purposeful solution	Characterizing Hepatitis B and Health-Related Quality of Life in the African Hepatitis		

		University of Ibadan	B/HIV-HBV Clinical Research Network Northwestern University Et al.	
15:45 - 16:00	Refreshment and comfort break			
	PARALLEL PANELS (Each session consists of 40 minutes' speaking time & 20 minutes' discussion time.)			
16:00- 17:00	<ul style="list-style-type: none"> • Panel 9: Global Hepatitis Elimination- where do we stand and where are we headed? BMRI 3073 • Panel 10: The Role of Implementation Science in Advancing Global Health Across Content Areas BMRI 1081 			
17:00 - 17:30	Closing Remarks BMRI 1081			
17:30 - 19:00	Cocktail and Networking			