

# PHASA 2021

## Conference Programme



### DAY 1, 15 February 2021

08H30 - 10H00 Welcome & Housekeeping

10H00 - 10H30 **TEA BREAK**

#### COVID-19

10H30 - 10H45 Contact tracing for COVID-19: current evidence, policy implementation and options for scale-up in South Africa to prevent resurgence

**T Nemungadi - National Department of Health**

10H45 - 11H00 The value of community-led initiatives in responding to the health and socio-economic consequences of the COVID-19 crisis

**E Whyte - University of Cape Town**

11H00 - 11H15 Covid-19 Transmission and Preventive Capacities at Household Level in Africa - Evidence from Demographic and Health Surveys

**Y Adewoyin - University of the Witwatersrand**

11H15 - 11H30 Keeping the Promise Closing the Gap in Southern and Western Substructure through a Comprehensive Health Response to Covid

**Y Andrews - Metro Health Services**

#### Maternal, child, and women's health

10H30 - 10H45 Wading through the policy process in a multi-governance context-a framework analysis of a maternal, neonatal and child health policy in Nigeria

**E Etiaba - University of Nigeria**

10H45 - 11H00 Contrasting knowledge and testing of HIV and cervical among women from a low socio-economic community in Durban, South Africa

**F Haffejee - Durban University of Technology**

11H00 - 11H15 Quality improvement advisors' mentoring of maternal, neonatal, and child health quality improvement teams: successes, lessons learned, and the impact of COVID-19

**A Odendaal - South African Medical Research Council**

11H15 - 11H30 Safety behind the telephone

**N Xaba - UWC**

11H30 - 11H45 Factors influencing Adolescent Girls and Young Women's participation in a Combination HIV Prevention Intervention in South Africa

**T MClinton Appollis - South African Medical Research Council**

11H45 - 12H00 Gender relations and the uptake of contraceptive and antenatal care services in Sub-Saharan Africa

**Y Adewoyin - University of the Witwatersrand**

### Primary health care

- 10H30 - 10H45 A realist evaluation of a community health worker capacity building intervention in primary health care facilities in South Africa  
**H Malatji - Centre for Health Policy**
- 10H45 - 11H00 Analysis of rural based strategies in the implementation of primary health care in Ovia communities, Edo state, Nigeria  
**A Daniel - University of Benin Nigeria**
- 11H00 - 11H15 Analysis of services provided by ward based primary health care outreach teams in a South African district: a key contribution towards universal access to care  
**L Thomas - SHSPH UP and Gauteng Department of Health**
- 11H15 - 11H30 Evaluating the Effectiveness of Ward-Based Primary Health Care Outreach Teams in Sedibeng Local Municipality  
**L Moyo - University of Johannesburg**
- 11H30 - 11H45 Process evaluation of the implementation of the Ward Based Outreach Team Programme in Nkangala District, Mpumalanga Province  
**C Nelson - Department of Health**

### Environmental risks and health

- 10H30 - 10H45 Knowledge, attitude and practice of biomedical waste management among healthcare workers at Mbabane Government Hospital, Eswatini, 2019-2020  
**T Chipepera - Student University of Johannesburg**
- 10H45 - 11H00 Waste Management: Knowledge, Beliefs and Actions of Residents in a Johannesburg Community  
**S Moyo - University of Johannesburg**
- 11H00 - 11H15 The Relationship between Vernal Keratoconjunctivitis and Use of Kerosene or Firewood in Ekurhuleni  
**M Tselane - University of Johannesburg**
- 11H15 - 11H30 The Relationship between Water Quality and Diarrhoeal Diseases in Children Under-Five Years of Age in Madlenya Community, Eswatini  
**V Ndzinisa - Environmental health department**
- 11H30 - 11H45 Proximity of Place of Residence to Mine Dumps and Frequency of Chronic Rhinosinusitis (CRS) in Gauteng, South Africa  
**J Chiyangwa - University of Johannesburg**
- 11H45 - 12H00 Risk Factors for Typhoid Fever in Hurungwe District, Zimbabwe: 2016- 2018  
**A Mutisi - University of Johannesburg**

12H00 - 12H30 **Poster presentation**

12H30 - 13H00 **LUNCH**

### Communicable diseases

- 13H00 - 13H15 COVID-19 Cluster Outbreak investigation at a long-term healthcare facility, North West, June 2020  
**M Mapiye - South Africa Field Epidemiology Training Program**
- 13H15 - 13H30 Demographic and clinical characteristics of the first 428 persons under investigation tested for severe acute respiratory syndrome coronavirus 2, 22 January-8 March 2020, South Africa  
**J Yun - National Institute for Communicable Diseases**
- 13H30 - 13H45 Epidemiology of Priority Notifiable Medical Conditions in Mpumalanga province, South Africa, 2018-2019  
**Z Nukeri - National Institute for communicable diseases**
- 13H45 - 14H00 Organizational readiness for the implementation of a three-month short-course TB preventive therapy regimen (3HP) in four health facilities in Zimbabwe  
**D Chisare - University of the Witwatersrand**
- 14H00 - 14H15 The relationship between HIV status and Drug Resistant-TB treatment outcomes, Eastern Cape, South Africa, 2018  
**X Kolwapi - University of Fort Hare are**

### Non communicable diseases

- 13H00 - 13H15 "My body is unlike the one I had before": Self-management experiences of 'gogos' living with chronic health conditions in rural South Africa  
**D Gumede - Durban University of Technology**
- 13H15 - 13H30 Analysing the level of diabetes self-management: City of Cape Town  
**F Petersen - University of the Western Cape**
- 13H30 - 13H45 Prevalence and Psychosocial determinants of non-communicable diseases risk factors amongst undergraduate first year medical students at the University Of Pretoria, South Africa  
**K Magaya - Aquity Innovations**
- 13H45 - 14H00 Risk of death from respiratory illness in HIV-positive patients on ART - Results from public tertiary hospital mortuary register in Johannesburg, South Africa  
**M Mabhikwa - Wits University**
- 14H00 - 14H15 Baseline knowledge, attitudes and practices regarding lung cancer among five communities in KwaZulu-Natal  
**S Dlamini - University of KwaZulu-Natal**
- 14H15 - 14H30 The impact of HIV co-morbidity amongst non-communicable disease patients in Johannesburg, South Africa: A cost and outcomes study  
**K Govender - Health Economics and Epidemiology Research Office Wits Health Consortium**

### Occupational health

- 13H00 - 13H15 Occupational Health Surveillance of COVID-19 disease among health care workers in Limpopo Province, South Africa, March –September 2020  
**U Makungo - National Institute for Communicable Disease**
- 13H15 - 13H30 Determinants of happiness among healthcare professionals between 2009 and 2019: A systematic review  
**R Muthuri - University of Pretoria**
- 13H30 - 13H45 Determinants of Motivation among Healthcare Workers in the East African Community between 2009–2019: A Systematic Review  
**R Muthuri - University of Pretoria**
- 13H45 - 14H00 Occupational health and safety factors influencing absenteeism among construction workers in Johannesburg, South Africa  
**L Moyo - University of Johannesburg**
- 14H00 - 14H15 The relationship of Hand-arm vibration and white finger syndrome among railway maintenance team in Gauteng Province, South Africa  
**M Kgabi - University of Johannesburg**
- 14H15 - 14H30 Factors related to hearing loss among construction workers in Midrand Gauteng South Africa  
**L Oguntimirin - University of Johannesburg**

### Malaria

- 13H00 - 13H15 Anopheles funestus Giles found to transmit malaria both indoors and outdoors in south-east Zambia - implications for malaria control  
**K Saili - International Centre of Insect Physiology and Ecology**
- 13H15 - 13H30 Anopheles rufipes Gough implicated as a vector of malaria transmission in the rural south-east Zambia  
**K Saili - International Centre of Insect Physiology and Ecology**
- 13H30 - 13H45 Effectiveness of prevention and control methods applied towards achieving elimination of Malaria in Botswana  
**C Saudu - Young Leaders Organization**
- 13H45 - 14H00 Malaria mortality and morbidity trends in Tshwane District, South Africa, 2015–2019  
**M Kgatla - South African Field Epidemiology Training Programme**

- 14H30 - 15H00 **TEA BREAK**

## ORGANISED SESSION

15H00 - 15H30 Top-down clarity, bottom-up agency: Lessons from contact tracing to control coronavirus in South Africa

**T Nemungadi - National Department of Health**

15H30 - 16H00 Pros and Cons of Online MPH Programmes in South Africa in the Era of Covid-19

**S Feresu - The Feresu Research Institute The University of Johannesburg**

16H00 - 16H30 COVID-19 vaccine access: challenges and opportunities

**J Simmons - South African Medical Research Council**

16H30 - 17H30 **PHASA Annual General Meeting**



## DAY 2, 16 February 2021

08H30 - 10H00 **PANEL DISCUSSION: South Africa's journey to the 90-90-90 targets**

10H00 - 10H30 **TEA BREAK**

### Burden of diseases

10H30 - 10H45 Prevalence and trends of non-communicable diseases in Ethiopia from 2007 to 2017  
**S Ntshegang - National Department of Health**

10H45 - 11H00 Under 5 years burden of disease trends in Zambia: a Global Burden of Disease analysis from 1990 to 2015  
**D Muganhiri - University of Pretoria**

11H00 - 11H15 Population health and the burden of disease profile in Rwanda from 1990-2017: A cross-sectional study based on the 2017 global burden of disease study  
**M Mogashoa - The University of Pretoria**

11H15 - 11H30 Population health and burden of disease profile of women in India: 1990 to 2015  
**K Maharaj - Department of Health**

11H30 - 11H45 Population Health and Burden of Disease Profile in Uganda from 1990 to 2015  
**K Maimela - University of Pretoria**

11H45 - 12H00 Patterns in the length of stay for selected communicable and non-communicable diseases admissions at a tertiary hospital in South Africa from 2009 to 2016  
**L Mavudzi**

### Mental health

10H30 - 10H45 Maladaptive behaviours and mental health status of maternal orphans attending high schools in Tshwane North of Gauteng Province, South Africa  
**T Khoza - Sefako Makgatho Health Sciences University**

10H45 - 11H00 Mental health outcomes of Health care workers at an East London ophthalmic hospital during the COVID-19 pandemic  
**L Cook - University of Witwatersrand**

11H00 - 11H15 Mental health outcomes of Health care workers at an East London ophthalmic hospital during the COVID-19 pandemic v2  
**L Cook - University of Witwatersrand**

11H15 - 11H30 Registered Containment Officers; a Grassroots-level Mental Health Framework for South Africa  
**D Benyon - Cognition Co**

11H30 - 11H45 Strengthening the National Health Insurance (NHI) Bill for mental health needs: Response from the Psychological Society of South Africa (PsySSA)  
**S Pillay - King Dinuzulu Hospital**

### Maternal child and adolescent health

10H30 - 10H45 The association between physical violence and antenatal care use in Zimbabwe  
**T Sisimayi - Walden University**

10H45 - 11H00 Contraceptive use and sex education among teenagers in Mdantsane Township, Eastern Cape  
**T Sisimayi - Walden University**

11H00 - 11H15 Male attitudes towards participating in the prevention of mother to child transmission of HIV  
**L Moyo - University of Johannesburg**

11H15 - 11H30 Protective behaviors of orphans: coping with maternal loss among school going adolescents in Tshwane North of Gauteng Province, South Africa  
**T Khoza - Sefako Makgatho Health Sciences University**

11H30 - 11H45 Traditional healers support infant vaccination and call for training to improve their vaccination-related advice given to clients  
**L Chiloane - Sefako Makgatho Health Sciences University**

12H00 - 12H30 **Poster presentation**

12H30 - 13H00 **LUNCH**

### Health promotion and prevention

- 13H00 - 13H15 Health promotion: How government can ensure that the National Health Insurance Fund has a fighting chance?  
**J Simmonds - South African Medical Research Council**
- 13H15 - 13H30 The importance of holistic lifestyle interventions focusing on self-care to improve health and prevent disease  
**K Van Schalkwyk - North West University**
- 13H30 - 13H45 Isoniazid preventive therapy prevents TB in a scaled programme in Johannesburg Health District  
**C Makura Kankwende - Anova Health Inst**
- 13H45 - 14H00 Antimicrobial stewardship activities in public healthcare facilities in South Africa: A need for education, training and management support  
**D Engler - Sefako Makgatho Health Sciences University**

### Environmental health- air pollution

- 13H00 - 13H15 The efficacy of MICE imputation of missing air quality data: the case of two South African cities  
**M Kebalepile - University of Pretoria**
- 13H15 - 13H30 Trace elemental composition of the fine PM aerosols in Cape Town, South Africa  
**A Alfeus - University of Namibia**
- 13H30 - 13H45 Short-term association between multi-pollutants and respiratory disease hospital admissions in Cape Town, South Africa, 2011 – 2016: a time series study  
**T Adebayo - Swiss Tropical and Public Health Institute**
- 13H45 - 14H00 Temperature modifies the association between air pollution and cardiovascular disease hospital admissions in the Vaal Triangle Air Pollution Priority Area, South Africa  
**J Wichmann - University of Pretoria**
- 14H00 - 14H15 Health Impact of Air Pollution from Shipping in the Baltic Sea: Effects of Different Spatial Resolutions in Sweden  
**N Mwase - University of Pretoria**

### Health service management

- 13H00 - 13H15 The development of a benefits package using MCDA as a decision-support framework for priority setting. The potential for application in South Africa  
**G Surgey - RadboudUMC**
- 13H15 - 13H30 'Real clinical work' at the 'coalface' versus 'admin': A qualitative study of hybrid clinician-managers in South Africa  
**J Kotze - University of Oxford Department of Primary Care Health Science**
- 13H30 - 13H45 Availability of vaccines and adherence to standard stock management practices in primary health care facilities in OR Tambo District, Eastern Cape, South Africa  
**C Iwu - Health Sciences Stellenbosch University**
- 13H45 - 14H00 Assessment of Medicine Supply Management at Primary Health Care Facilities in a Rural District of Kwazulu-Natal, South Africa  
**S Matema - School of Public Health UWC**
- 14H00 - 14H15 Clinical audit to identify factors prolonging patients' hospital stay admitted to Internal Medicine, Steve Biko Academic Hospital between 15 November 2017 and 31 January 2018  
**S Marais - Steve Biko Academic Hospital**
- 14H15 - 14H30 Cost and outcomes of drug-susceptible TB treatment at public and private primary healthcare clinics, Johannesburg South Africa  
**S Kgwededi - Health Economics and Epidemiology Research Office**

14H30 - 15H00 **Poster presentation**

15H00 - 15H30 **TEA BREAK**

15H30 - 17H30 **Plenary 3- Urbanisation and Health**

## DAY 3, 17 February 2021

08H30 - 10H00 **Plenary 4 - COVID-19- Implications for NHI**

10H00 - 10H30 **TEA BREAK**

10H30 - 11H30 **Celebrating UP's 21st Birthday**

11H30 - 13H00 **Plenary 5: SA's COVID Response**

13H00 - 13H30 **LUNCH**

### Social determinants of health

13H30 - 13H45 Exploring the Gendered Dimensions of Food Choices among South Africa and Ghanaian Adults  
**M De Jong - University of the Western Cape**

13H45 - 14H00 The state of Food security and dietary diversity during the COVID-19 pandemic in Cameroon  
**T Ayuk - Stellenbosch University**

14H00 - 14H15 Socioeconomic inequalities in skilled birth attendance in Zimbabwe  
**A Lukwa - University of Cape Town**

14H15 - 14H30 The prevalence of TB and HIV/AIDS co-infection among inmates in South Africa, (Mdantsane and Fort Glamorgan Correctional facilities) 2017  
**P Mkitika - University of Fort Hare**

14H30 - 14H45 Risk and mitigation strategies to contracting TB from sex workers and their clients in Westrand  
**N Tshuma - The Best Health Solutions**

14H45 - 15H00 The effects of civil war and Ebola Outbreak on the health status of Sierra Leone(1990-2017)  
**J Zembe - University of Pretoria**

### Substance use and health

13H30 - 13H45 Alcohol consumption levels, drinking motives and perceived impact of alcohol use amongst undergraduate pharmacy students at a South African university  
**V Abraham - Sefako Makgatho Health Sciences University**

13H45 - 14H00 A Health System and Policy Framework for Addressing the Drivers of Fetal Alcohol Spectrum Disorders in South Africa  
**B Adebisi - University of the Western Cape**

14H00 - 14H15 A scoping review of the determinants of drinking during pregnancy in South Africa: An intersectional perspective  
**M De Jong - University of the Western Cape**

14H15 - 14H30 Substance use and help-seeking behaviour among adolescents - the role of teachers and parents  
**Z Petersen - Human Sciences Research Council**

14H30 - 14H45 The relationship between cigarette smoking and occupational noise induced hearing loss (NIHL) among employees working at a Sugar Company in Swaziland, 2018 to 2019  
**M Mdluli - University of Johannesburg**

## Innovations in health and health research

- 13H30 - 13H45 Proportions of metrics for monitoring cardiovascular health among HIV infected adults South African in the Western Cape Province  
**P Malambo**
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- 13H45 - 14H00 Digital technology and parenting young children during COVID-19  
**S Naicker - University of Witwatersrand**
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- 14H00 - 14H15 Sensitivity and specificity of Computer Aided Detection for scoring chest X-rays compared with Medical Panel in Johannesburg, South Africa  
**K Moropane - University of Johannesburg**
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- 14H15 - 14H30 Key determinants for the acceptance and use of mobile health applications: Diabetic patients in the Western Cape, South Africa  
**F Petersen - University of the Western Cape**
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- 14H30 - 14H45 A cross-sectional study measuring contact patterns using diaries in an urban and a rural community in South Africa, 2018  
**J Kleynhans - National Institute for Communicable Diseases**
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- 15H00 - 16H00 **PHASA 20th Anniversary/CLOSING**