



DSI-NRF Centre of Excellence
in Human Development

Individual and Society

OUR **IMPACT** ON HUMAN DEVELOPMENT SCIENCE

ANNUAL REPORT **2020**





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in Human Development

Individual and Society

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Director's Report

COVID-19 has gripped the collective imagination, shaking up social and economic structures, the likes of which we've seen previously only during times of great collective upheaval. Devastation has been wrought, and yet science – usually slow to turn except in times of crisis – has rapidly progressed. We have a better understanding of how to treat the SARS-COV2 virus, and thus how to save more lives. It has been a trial by fire and we've had to adapt, often contending with the wholly unknown. But since January 2020, we've come a long way. Wits University is leading two vaccine trials, and the institution's globally eminent scientists, many of whom are affiliated with the COE-HUMAN, have aided public health efforts to manage the crisis. Our world is forever changed, but the hope is that this catastrophe has not been for naught. I believe it will galvanise efforts to improve human health and wellbeing.

In response to COVID-19, the COE-HUMAN awarded five research grants to researchers investigating the virus's ramifications for human development. **Dr Candice Groenewald**, at the Human Sciences Research Council, will investigate South African Families' Experiences of the COVID-19 Pandemic. **Dr Isaac Khambule**, at the School of Built Environment and Development Studies, University of KwaZulu-Natal, will investigate the socio-economic impact of COVID-19 on the South African informal economy. **Mr Neville Robertson**, at the North West University (NWU), will research gender-based violence during the early days of "lockdown". **Dr Brenda Pinky Mahlangu** at the South African Medical Research Council will explore the links between gender-based violence, mental health and livelihoods during COVID-19. Finally, **Dr Roison Drysdale**, at the University of the Witwatersrand will explore the indirect effects of SARS-COV2 on children, especially children's growth.

We supported our students in responding to the COVID-19 crisis, particularly in drawing linkages between their research and the pandemic. They wrote media articles and improved their science communication skills – critical capabilities in an era of misinformation and distrust of science.

The Centre's other achievements are documented in the facts and figures of this report, and in the appendices, where we show our achievements measured against our Service Level Agreement with the National Research Foundation.

We thank you for your support and interest in the COE-HUMAN. We're thrilled that we are continuing to provide a relevant and meaningful service to South African and African research.

Prof. Shane Norris
Director: DSI-NRF Centre
of Excellence in Human
Development (COE-HUMAN)



Professor Shane Norris has been invited to be a part of the Standing Advisory Group on Nuclear Application. This advisory group supports the efforts of the International Atomic Energy Agency's activities in the application of nuclear techniques, offering advice and recommendations to ensure the agency's relevance, delivery and impact. Programme areas include food and agriculture, human health, water resources, marine and terrestrial environments, radioscope production and radiation technology.

Executive Structure

Management Committee

Dr Shelley Macaulay | Genetic Counselling Manager, National Health Laboratory Service and University of the Witwatersrand

Dr Macaulay is the Genetic Counselling Manager at the National Health Laboratory Service in Johannesburg, and a lecturer in the Division of Human Genetics at Wits. She oversees the provision of genetic counselling services to patients in Johannesburg's academic hospitals and holds consultations with patients and families who have, or are at risk of, genetic conditions. Her research interests include clinical genetics and the developmental origins of health and disease, and she holds a PhD in Clinical Epidemiology from the University of the Witwatersrand.

Prof Tamsen Rochat | Associate Professor, Developmental Pathways for Health Research Unit (DPHRU), University of Witwatersrand

Prof Rochat is a clinical psychologist who has extensively researched parenting and mental health interventions, including providing seminal research leadership to the Amagugu Intervention in KwaZulu-Natal. She is a Wellcome Trust Intermediate Fellow in Public Health and Tropical Medicine, an honorary research associate in the Department of Psychiatry, University of Oxford, and leads the adolescence research programme at the DPHRU. She also leads the Siyakhula Cohort and in 2020 established a new cohort in Soweto (the BEACON Cohort) which is investigating the link between executive function, mental health and risk behaviour in early adolescence. She has a C-Rating from the NRF.

Prof Kopano Ratele | Professor in the MRC-UNISA Violence, Injury and Peace Research Unit

Prof Ratele is a professor at the University of South Africa and a researcher in the MRC-Unisa Violence, Injury and Peace Research Unit. He runs their Research Unit on Men and Masculinities as well as the Transdisciplinary African Psychologies Programme. His research, teaching, social-political activism, and community mobilisa-

tion have focused on how masculinity intersects with violence, class, traditions, sexuality, parenting and race. He is a member of the Ministerial Committee on Transformation in South African Universities, and current convener of the National Research Foundation's Specialist Committee for Psychology Rating Panel.

Prof Zitha Mokomane | Associate Professor, Department of Sociology, University of Pretoria

Prof Mokomane's research interests and expertise lie in the field of the work-family interface with specific interests in child, adolescent, and elder care; social protection and social evaluation of policy options; and family demographics. Before joining the Department of Sociology at the University of Pretoria she was a chief research specialist in the Human and Social Development Research Programme at the Human Sciences Research Council. She holds a PhD in Demography from the Australian National University.

Prof Shanaaz Mathews | Director of the Children's Institute, University of Cape Town

Prof Mathews is a faculty affiliate of the Care and Protection of Children (CPC) Learning Network at Columbia University. Prof Mathews was elected to serve on the Lancet Commission on Gender-based Violence and Maltreatment of Young people in 2020. She has extensive experience with women's and children's sectors and has worked within civil society organisations as an academic, and as an advocate, for the rights of women and children. Her research interests include violence against women and children, as well as pathways to violent masculinities. She holds a PhD in Public Health from the University of the Witwatersrand.

Prof Malose Langa | Associate Professor, School of Human and Community Development, University of the Witwatersrand

Dr. Malose Langa is a Psychology Senior Lecturer in the School of Community and Human Development at the

University of the Witwatersrand. His research interests include risk-taking behaviours amongst young people and their role in politics, the trauma of collective violence, and the psychology of men and masculinity in post-apartheid South Africa.

Dr Nicole de Wet-Billings | Head of the Department of Demographic and Population Studies, University of the Witwatersrand

Dr de Wet-Billings is Senior Lecturer and Head of the Department of Demography and Population Studies at Wits. In 2018, she was awarded a Y2-rating by the NRF and named by the *Mail & Guardian* as one of its 200 Young South Africans of the year. She has received research grants from the Andrew W. Mellon Foundation, the National Research Foundation, the National Institute for the Humanities and Social Sciences, the British Academy's Newton Foundation and from the COE-HUMAN.

Scientific Advisory Committee

Prof Aryeh D. Stein | Professor in the Hubert Department of Global Health of the Rollins School of Public Health at Emory University, USA

Prof Julian May | Director of the DSI-NRF Centre of Excellence in Food Security at the University of the Western Cape

Prof Relebohile Moletsane | Professor and the John Langalibalele Dube Chair in Rural Education in the School of Education, University of KwaZulu-Natal

Prof Kofi Marfo | Director of the Institute for Human Development at the Aga Khan University in Nairobi, Kenya

Dr Siphelo Ngcwangu | Senior Lecturer, Department of Sociology, University of Johannesburg

Dr Ngcwangu is a senior lecturer in the Department of Sociology at the University of Johannesburg. His research interests are industrial sociology, skills development, political economics, trade unions, labour studies, work restructuring and education. He was previously a researcher at the Centre for Researching Education and Labour (REAL) at the University of the Witwatersrand.

Steering Committee

Prof Zeblon Vilakazi (Chair) | Deputy Vice-Chancellor: Research and Postgraduate Affairs, University of the Witwatersrand

Prof Joao Rodrigues (Chair) | Acting Deputy Vice-Chancellor: Research and Postgraduate Affairs, University of the Witwatersrand

Dr Mongezi Mdhuli | Executive Director: Chief Research Operations Officer

Ms Mastoera Sadan | Chief Sector Expert: Social, National Planning Commission, Department Planning, Monitoring and Evaluation

Prof Leila Patel | South African Research Chair in Welfare and Social Development at the Centre for Social Development in Africa, University of Johannesburg

Mr Vusi Malele | Deputy Director: High-End Skills at the Department of Science and Innovation

Dr Makobetsa Khati | Executive Director of the Research Chairs and Centres of Excellence directorate at the National Research Foundation

Mr Nathan Sassman | Director: Centres of Excellence at the National Research Foundation

COE-HUMAN Team

Justin Du Toit | Centre Manager

Justin Du Toit joined the COE-HUMAN as centre manager in November 2020. Justin has more than a decade of management and research experience in the private and public sectors. His public sector career began in 2015 as Deputy Director of Research in the Private Office of then Deputy President Cyril Ramaphosa. He continued to work with Mr Ramaphosa when he became President of the Republic of South Africa. His work focused on evidence-based research to strengthen ethical and strategic policymaking. Justin's research interests include land restitution and the Fourth Industrial Revolution.

Dr Lisa Ware | Senior Researcher

Dr Ware is a senior researcher the COE-HUMAN and an associate director of DPHRU at the University of the Witwatersrand. Her research interests are how health behaviours are impacted by our environment and how these relate to chronic disease risk. She holds funding from the Wellcome Trust to investigate how vascular health has been transmitted across three generations in Sowetan families. She is also the recipient of several bilateral funding awards with UK universities to assess various ways to monitor and shift health behaviours. She is the Research Director of the Wits Health HUBB programme, a research and training initiative empowering young people as agents for change to create healthier communities. She currently has a C-Rating from the NRF.

Abigail Legodi | Organisational Development and Human Resources Officer

Abigail Legodi is currently a Master's candidate in Industrial and Organisational Psychology. She is an experienced human resources officer with a demonstrated history of working in the higher education and legal industries. At the DSI-NRF Centre of Excellence in Human Development she is responsible for human resource management & support; institutional development; change management; and training & skills development.

Ms Beth Amato | Specialist Writer

Beth Amato (née Shirley) is a writer specialising in human development. Her News24 article on the link between early childhood trauma and later criminality won Media Monitoring Africa's 2017 Isu Elihle Award. She is also an early childhood development reporting fellow at the Dart Center for Journalism and Trauma at Columbia Journalism School in New York City. Her work at the CoE focuses on promotion of public engagement about all aspects of human development . Her work has been published by *Business Day*, *Fin24*, *The Sunday Times*, *News24* and many other media outlets.

Magcina Nyoni | Finance Manager

Magcina Nyoni started at the COE-HUMAN in 2020, and has extensive experience and knowledge of Wits University's financial system. He has worked across three Wits faculties and many schools within the institution.





Professor Monde Makiwane | Honorary Professor

Professor Makiwane is currently a Director of MBMak which is an independent research company. Monde is also a National Research Foundation C3-rated scientist. He held an Extra-Ordinary Professor at the Walter Sisulu University and an Honorary Professor at the COE-HUMAN.

Durban Office

Professor Linda Richter | Distinguished Professor

Professor Richter is a founding member of the COE-HUMAN and a Distinguished Professor at Wits University. She is a leading developmental psychologist and NRF A-rated scientist with affiliations to the Universities of Oxford, Stellenbosch, California at Los Angeles and Aga Khan, and advisory links to UNICEF and WHO. Linda is a Principal Investigator on several large-scale, long term collaborative projects and intervention trials. In South Africa, Linda led the development of the National Integrated Early Child Development Policy and Programme, adopted by Cabinet in 2015, and has increasingly been a driver of change in policy and practice at a global scale for children and families.

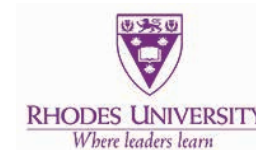
Sara Naicker | Project manager

Sara Naicker is a Project Manager in the COE-Human based in the Centre's Durban office. Her research focuses on child and adolescent health and development with a specific focus on early childhood development and the impact of adverse childhood events on lifelong outcomes.

Dr Roisin Drysdale | Postdoctoral Researcher

Dr Roisin Drysdale joined the CoE in July 2019 as a Postdoctoral Researcher working with Prof. Linda Richter. She completed her BA(Hons) Geography at the University of Plymouth in the UK, and moved to South Africa to pursue a Masters Degree in Development Studies. Whilst working as a research assistant at the University of KwaZulu-Natal, she completed her PhD in Public Health focusing on the impact of drought on household food security and child nutrition.

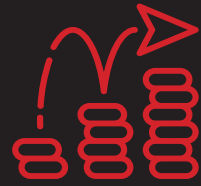
Partnerships



Facts & Figures

Grants and bursaries

The COE-HUMAN awarded three types of strategic grants in 2020 around the themes of COVID-19, the 4th Industrial Revolution, and climate change.



- 38** bursaries awarded – 15 given to students from historically disadvantaged institutions (HDIs)
- 3** Fourth Industrial Revolution research investigation grants, 2 awarded to women
- 5** COVID-19 research investigation grants: 1 awarded to a researcher from a HDI and 3 awarded to women
- 10** Climate change research investigation grants for a special journal issue: 2 awarded to researchers from HDIs and 2 awarded to women

The COE-HUMAN facilitated the disbursement of funding for 25 health science undergraduate students. Abbott Laboratories offered generous support to students in need, dispersing over R1.6-million.

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Institutions represented

Dissemination

- 9** webinar events
- 1.5 Million** people reached through our media output
- R 962.18 k** in Advertising Value Equivalent for our media items

Students



- 82** The percentage of Black South African students (including coloured, Black and Indian students)
- 71** The percentage of female students
- 36** The percentage of students from historically-disadvantaged institutions
- 25** Master's students
- 18** Doctoral students
- 7** Post docs

Leverage

Researchers affiliated with the CoE leveraged a total of **R29,481,823** in research and innovation grant funding in 2020 representing a **1.8-fold** increase from the previous year.

Research



- 75** articles published (8 with impact factors of >5), 13 book chapters, 1 book, an acknowledgement in one book

COE-HUMAN Grant Awards

The 4th Industrial Revolution presents various challenges regarding human development in the southern African context. The following people will undertake research investigations:

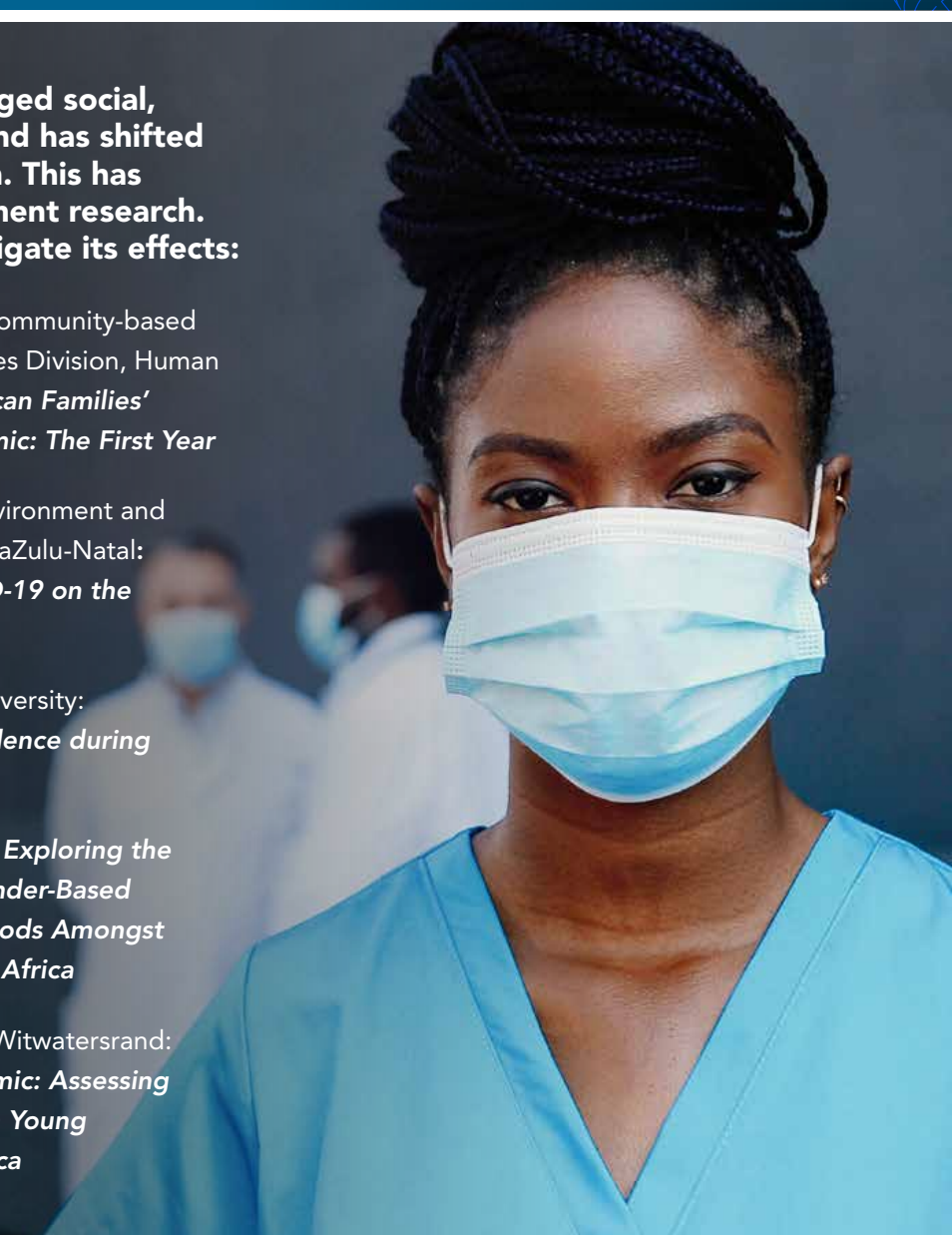
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1. Dr Hannah Dawson, Society, Work and Politics Institute (SWOP), The University of the Witwatersrand: *Thinking Beyond the Fourth Industrial Revolution: Assessing Perceptions of Technological Change on the Political and Institutional Drivers of Social Policy in South Africa*
2. Professor Lauren Graham, Centre for Social Development in Africa, University of Johannesburg: *Youth and the Future of Work: Rethinking Social Protection and Social Contracts in the Context of the Gig Economy*
3. Dr Thokozani Mhlambi, Archive and Public Culture Research Initiative, University of Cape Town: *Arts-Based Research & Development for Enhancing Human Development: A Prototype Using the Early African Intellectuals as Models*



COVID-19 has fundamentally changed social, economic and political relations, and has shifted our understanding of public health. This has repercussions for human development research. The following scientists will investigate its effects:

1. Dr Candice Groenewald, Centre for Community-based Research, Human and Social Capabilities Division, Human Sciences Research Council: *South African Families' Experiences of the COVID-19 Pandemic: The First Year*
2. Dr Isaac Khambule, School of Built Environment and Development Studies, University of KwaZulu-Natal: *The Socio-Economic Impact of COVID-19 on the South African Informal Economy*
3. Mr Neville Robertson, North West University: *Men's narratives of gender-based violence during COVID-19 lockdown*
4. Dr. Brenda Pinky Mahlangu, SAMRC: *Exploring the Links and Impact of COVID-19 To Gender-Based Violence, Mental Health, and Livelihoods Amongst Selected Population Groups in South Africa*
5. Dr Roison Drysdale, University of the Witwatersrand: *Child Growth During a Global Pandemic: Assessing the Indirect Effects of SARS-CoV-2 on Young Children Living in Soweto, South Africa*





Climate change is considered one of the most significant issues of our time. The following people will contribute to a special journal issue:

1. Professor Clifford Odimegwu, Demography and Population Studies, Schools of Social Sciences and Public Health, University of the Witwatersrand: *Climate Change and Maternal Health in South Africa: Analysing the Trends and Linkages*

2. Dr Nicole de Wet-Billings, Demography and Population Studies, Schools of Social Sciences and Public Health, University of the Witwatersrand: *Climate and Competing Priorities in South Africa: An Analysis of the Population's Attitudes and Perceptions Toward Environmental Issues*

3. Dr Adeola Oyenubi, School of Economics and Finance, University of Witwatersrand: *Socioeconomic Impact of Climate Change: Evidence from South Africa*

4. Dr Benjamin Roberts, Human Sciences Research Council: *Generation of Change? South African Attitudes Towards Climate Change in Comparative Perspectives*

5. Dr Admire M. Nyamwanza, Development Policy, Human Sciences Research Council: *Advancing a Human Development Approach to Climate Resilience Through Local Knowledge and Rural Innovation in South Africa*
6. Ms Gertrude R. Jana, University of the Free State: *The Effects of Climate Change on Poverty and Income Inequality in South Africa; Using Cross-Sectional Data*

7. Mr Mathew Happy Tirivangasi, University of Limpopo: *Evaluation of the Humanitarian Response Strategies in the Aftermath of Climate Change-Induced Disasters in Southern Africa*

8. Dr Rina Swart, University of the Western Cape: *Climate Change and Malnutrition in African Communities*

9. Dr Saheed A Oke, Central University of Technology: *Impact of Urban Development on River Sediment and Surface Water: Implication for Environmental Health Sustainability in Bloemfontein, South Africa*

10. Dr Sandile Mthethwa, University of KwaZulu-Natal: *Vulnerability of Households to Climate Change in South Africa: Using Vulnerability as Expected Poverty Approach*

South Africa and the Human Development Index

The United Nations Development Programme (UNDP) released its 2020 Human Development Report in December with the title *The Next Frontier: Human Development and the Anthropocene*.
<http://www.hdr.undp.org/en/countries/profiles/ZAF>

The Human Development Index (HDI) measures and conceives progress. In 2020, the HDI was adjusted to include two more elements (in addition to health, education and living standards): a country's carbon dioxide

emissions and its material landscape. The HDI sets a minimum and a maximum value for each dimension and then shows where each country stands in relation to these values, expressed as a number between 0 and 1.1

SA is ranked 114 in all countries with an HDI of 0.7. However, when the value is discounted for inequality, the HDI falls to 0.5, a loss of 34.0 percent due to inequality in the distribution of the HDI dimension indices.

Health	
Life expectancy at birth (years)	64.1
Child malnutrition, stunting (moderate or severe) (% under age 5)	27.4
Current health expenditure (% of GDP)	8.1
HIV prevalence, adult (% ages 15-49)	20.4
Life expectancy at birth, female (years)	67.7
Life expectancy at birth, male (years)	60.7
Mortality rate, under-five (per 1,000 live births)	33.8
Education	
Government expenditure on education (% of GDP)	6.2
Gross enrolment ratio, pre-primary (% of preschool-age children)	25
Literacy rate, adult (% ages 15 and older)	87.0
Mean years of schooling (years)	10.2
Gross enrolment ratio, primary (% of primary school-age population)	101
Gross enrolment ratio, secondary (% of secondary school-age population)	105
Gross enrolment ratio, tertiary (% of tertiary school-age population)	22
Inequality/Composition of Resources	
Gross national income (GNI) per capita (constant 2017 PPP\$)	12,1
GDP per capita (2017 PPP \$)	12,5
Gross domestic product (GDP), total (2017 PPP \$ billions)	730.9
Inequality	
Inequality-adjusted HDI (IHDI)	0.5
Overall loss in HDI due to inequality (%)	34.0
Income share held by poorest 40%	7.2
Income share held by richest 1%	19.2
Income share held by richest 10 %	50.5
Work Employment and Vulnerability	
Employment to population ratio (% ages 15 and older)	40.2
Unemployment, total (% of labour force)	28.2
Unemployment, youth (% ages 15–24)	56.0
Youth not in school or employment (% ages 15-24)	32.6

Poverty	
Population in multidimensional poverty, head count (%)	6.3
Population in multidimensional poverty, intensity of deprivation (%)	39.8
Population living below income poverty line, national poverty line (%)	55.5
Population living below income poverty line, PPP \$1.90 a day (%)	18.9
Gender	
Gender Development Index (GDI)	0.9
Adolescent birth rate (births per 1,000 women ages 15-19)	67.9
Antenatal care coverage, at least one visit (%)	93.7
Gender Inequality Index (GII)	0.4
Youth unemployment rate (female to male ratio)	1.2
Human Security	
Homicide rate (per 100,000 people)	36.4
Birth registration (% under age 5)	89
Mobility and communication	
Internet users, total (% of population)	56.2
Mobile phone subscriptions (per 100 people)	153.3
Environment and Sustainability	
Fossil fuel energy consumption (% of total energy consumption)	86.8
Mortality rate attributed to household and ambient air pollution (per 100,000 population, age-standardized)	87
Mortality rate attributed to unsafe water, sanitation and hygiene services (per 100,000 population)	13.7
Carbon dioxide emissions, production emissions per capita (tonnes)	8.1
Demography	
Total population (millions) (Data refers to 2030)	66.0
Median age (years)	27.6
Urban population (%)	66.9
Socio-economic sustainability	
Skilled labour force (% of labour force)	52.2
Research and development expenditure (% of GDP)	0.8

The Healthy Pregnancy Healthy Baby Project

An antenatal study, the Healthy Pregnancy Healthy Baby Project, involved the study of the effects of expectant fathers attending the 20-24 week foetal ultrasound with their pregnant partners. The project utilised a randomised control trial to determine whether fathers having attended an ultrasound would sensitise them to the infant's development during pregnancy and then early childhood.

Father involvement in the first 1000 days of a child's life is critical, aiding cognitive development, providing breastfeeding support, and decreasing the severity of mental illness in mothers.

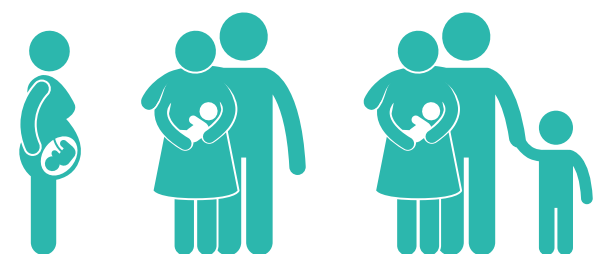
Lead investigator of the project and Wits Distinguished Professor Linda Richter reported that many of the men were so touched by the experience of the ultrasound, and especially by being able to hear the sound of the baby's heartbeat through the ultrasound monitor.



The Healthy Pregnancy Healthy Baby Project team. Back row, from the left, are: Dr Tawanda Makusha (from the Human Sciences Research Council, who is guiding its work with men), Kgadi Mogale (Study Coordinator), the late Thami Mchunu (Sonographer), and Dr Wiedaad Slemming (Co-Investigator). Front row, from the left, are: Professor Linda Richter (Principal Investigator) and Zandile (Zee) Lephoto (Research Assistant).

KEY HIGHLIGHT:

The team followed up after six months with the couples regarding the quality of mother and child interactions, the home environment, and the general support of the mothers. While the researchers' analysis has not yet been completed, the preliminary results are positive.



HEALTHY PREGNANCY, HEALTHY BABY

HARNESSING GLOBAL DATA

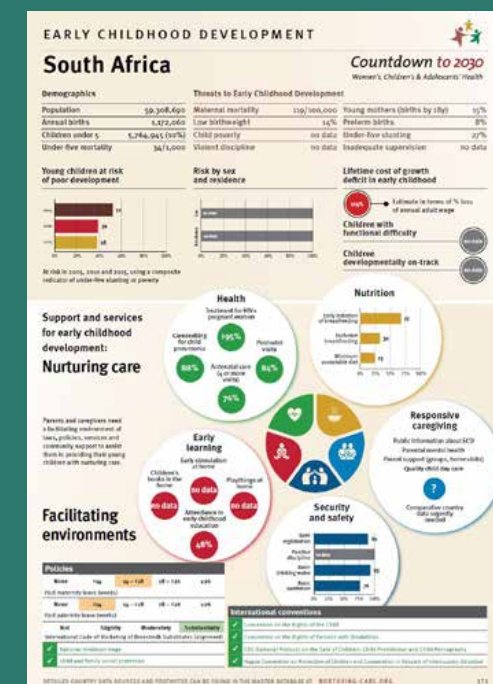
TO ADVANCE YOUNG CHILDREN'S LEARNING & DEVELOPMENT

Professor Linda Richter led the 2017 Lancet Series *Advancing Early Child Development: From Science to Scale*, which highlighted the importance of nurturing care in the first 1,000 days as the foundation for child development. One of the key recommendations was the development of a global monitoring and accountability system for ECD. This prompted the formation of the Countdown to 2030 Country Profiles on Early Childhood Development, an initiative led by Professor Richter and affiliated with the Countdown to 2030 for Women's, Children's and Adolescents' Health.

The Profiles compile, in one place, the available data for country and cross-country monitoring and provide a baseline against which progress on ECD can be monitored. The profiles are updated annually. An initial set of 91 country profiles was released in May 2018, and the set was expanded and updated to include 138 low- and middle-income countries in 2019. The 2020 country profiles cover 42 ECD indicators and 197 countries, including 60 high-income countries (HICs), that encompass 99.8% of the world's children younger than 5 years. The 2020 profiles include data on child disability, and translations into Arabic, French, Russian and Spanish.

This work gave rise to the **Harnessing Global Data Project**, funded by the UKRI's Global Challenges Research Fund, and led by Professors Linda Richter and Alan Stein (University of Oxford). The project brings together researchers, policymakers and implementers from around the world to use available data on young children in low- and middle-income countries to improve child development, early learning and pre-primary education through better understanding of determinants of and risks to children's development, the economic consequences of inaction, and policy and legal frameworks to address challenges. UNESCO, World Bank, WHO, UNICEF, the Inter-American Development Bank and regional ECD networks are collaborators in the project and will drive the dissemination and implementation of the findings.

The project has already produced key research findings such as estimated long-run economic costs of COVID-19-related preschool closures in 134 countries and the proportion of young children in 42 low- middle-income countries living in homes that are not prepared for the pandemic.



KEY HIGHLIGHT:

New composite indicators will be devised to generate data and hence provide a clearer picture of the progress made on early childhood development by each country. This will contribute to efforts to establish global monitoring and accountability systems for decision-making in 20 countries.



Follow *Harnessing Global Data for Young Children* on Twitter @GlobalData4Kids to keep up with the project's work.



Adolescent research excellence: BEACON, Teen Lab and Teen Cam

The BEACON cohort (the Behaviour and Executive Function in Adolescents with Conduct Disorders cohort) has been established to investigate the role of executive function in conduct disorders, violence and risky behaviours in adolescence. The project, housed within the COE-HUMAN and led by lead investigator Professor Tamsen Rochat, aims to understand the potential of improved executive function in mitigating poor academic achievement, obesity, violence, substance misuse and risk-taking.

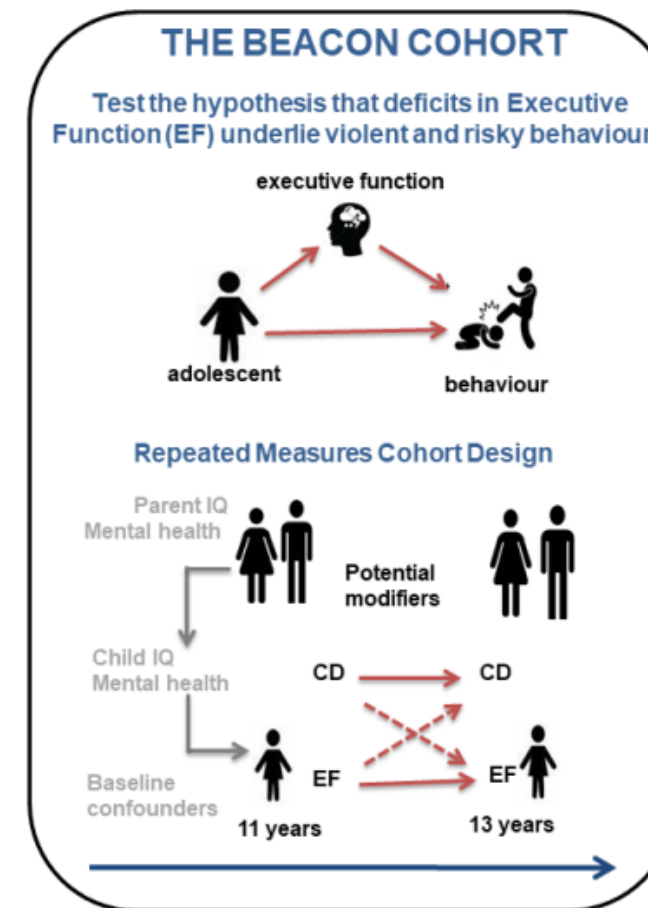
Executive functioning is responsible for many skills including organising, planning, prioritising, paying attention and completing tasks.



This project is using a repeated measures cohort design to investigate the association between deficits in executive function (EF) and violent or risky behaviours in early adolescence (11-13 years) – a period of rapid development and escalating risk, by collecting repeated measures from 1300 adolescents and their parents.

The project's principal research question tests the hypothesis that cognition underlies violent and risky behaviour among adolescents. Executive function could therefore explain this behaviour, and interventions could be devised around that. In addition, further hypotheses will be able to be tested using data collected in BEACON including:

- Whether executive functions underlie risky behaviour among adolescents with other mental health disorders (e.g., depression, anxiety) and thus whether enhancing EFs may be a promising intervention target for mental health and education outcomes more generally.
- Whether cognition, specifically deficits in EFs, underlies risky behaviour amongst adolescents without any mental health problems and thus may be a promising intervention target to reduce risk behaviours more generally in all adolescents.



South African Teen Lab (SA Teen Lab)

There is an urgent need to integrate evidence from multiple biological, cognitive, psychological and social developmental domains in order to gain a more complex understanding of adolescent development in South Africa. It is equally important for a successful intervention design to be informed by the perspectives and experiences of adolescents themselves. New technological advances (such as increased access to biomarkers,

digital and observational methodologies) have the potential to complement and deepen traditional methodological approaches.

However, less is understood about their validity, acceptability or feasibility. The COE-HUMAN is thus funding a research project to find out how a series of participant engagement activities – a recent methodology – could better understand adolescent life in urban South Africa. The research team – Professor Rochat, Dr Feziwe Mpondo, and Dr Rachana Desai – will explore teens' lived experiences through digital storytelling, community walks and photovoice activities.

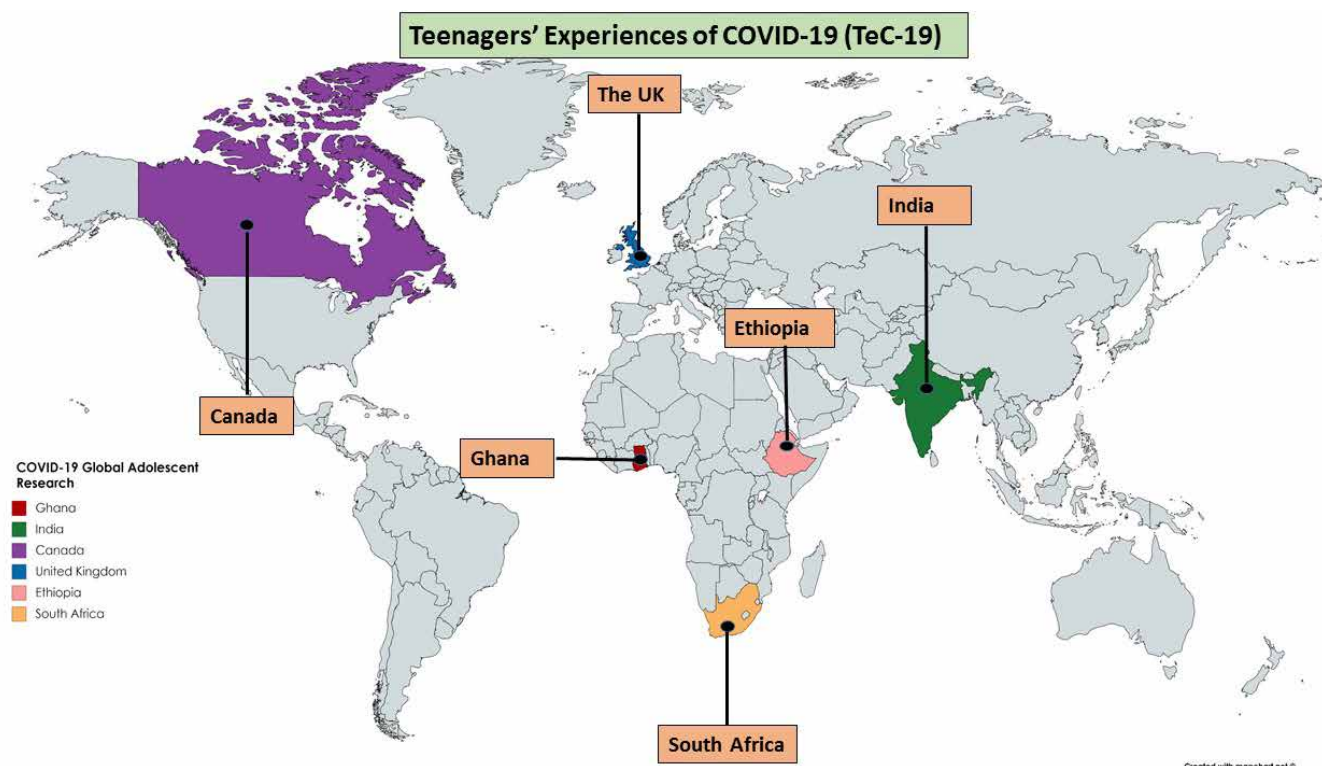
In addition, the SA Teen Lab is situated at the Developmental Pathways to Health Research Unit at Wits University. The lab is an adolescent-friendly space where research, scientific experiments and engagement activities can take place. The project will use the Teen Lab to test the acceptability and feasibility of new methodologies (headcams, photo frame videos, wearables, digital footprints) to advance the science of objectively capturing all aspects of adolescent development, behaviours and relationships.

KEY HIGHLIGHT:

The Teen Lab is the first initiative in South Africa to integrate evidence from multiple biological, cognitive, psychological and social development domains. The initiative is using innovative technological and artistic methodologies. Through Teen Lab the project aims to gain more of a nuanced understanding of adolescent development in South Africa.



Teenagers' experiences of COVID-19



Professor Shane Norris is leading the South African study of a global consortium aiming to understand how the pandemic is affecting the lives of young people living in both rural and urban settings in Canada, the UK, across sub-Saharan Africa (Ethiopia, Ghana, South Africa) and India.

South Africa's study will focus on adolescents in Soweto. Data will be collected around COVID-19's impact on teenagers' mental health, well-being, eating habits and physical activity behaviours.

The next stage will be to develop resources to support young people to maintain well-being, eat well, keep active and adhere to government guidelines during the pandemic. Insights from young people will be disseminated to the research sites' local and national governments and youth organisations.

Finally, the data collected will be used to inform the design of future interventions to support young people adapt to life in the years following the COVID-19 pandemic.



The Slow Violence of Child Malnutrition: SA Child Gauge 2020

Child Gauge 2020 – the launch and content highlights

The nutritional status of South Africa's children is deteriorating. One in four children under the age of five are stunted, a sign of chronic undernutrition that has remained stubbornly unchanged for 20 years. And over the same period, South Africa has seen a steady increase in childhood overweight and obesity (one in eight children under the age of five) which is now double the global average.

This double burden of malnutrition can occur in the same household or even the same individual. For example, children who are stunted early in life are at greater risk of becoming obese – with prevalence rising across the life course especially amongst adolescent girls (28%) and adult women (64%). This increases their risk of developing non-communicable diseases such as diabetes, heart disease and certain cancers – and severe COVID-19 infection.

South Africa's burden of child malnutrition remains unacceptably high for a middle-income country, placing it as an outlier among countries of similar wealth. The roots of the problem lie in our apartheid past and our on-going failure to uproot poverty and inequality. Twenty-five years since the advent of democracy, South Africa remains the most unequal country in the world. Poverty has a profoundly damaging effect on children's care, health and development – with young children in

the poorest of households three times more likely to be stunted than those in the richest 20% of households.

Thirty percent of South Africa’s children live below the food poverty line in households with a per capita income of less than R571 per month. These households do not have enough money to meet the nutritional needs of children. While frequent infections caused by overcrowding and poor access to water, sanitation and health care services further compromise children’s nutritional status. It is therefore not surprising that, according to the National Department of Health Ministerial Committee for the Morbidity and Mortality of Children under 5 years, severe acute malnutrition is one of three leading causes of child deaths in South Africa.

But malnutrition is not simply a threat to child survival. It robs them of health and development. The 2020 issue of the South African Child Gauge focuses attention on and identifies points of leverage to improve children’s nutrition outcomes, calling for the strong leadership and concerted action from government, civil society and the private sector to ensure children’s rights are upheld.

The high-profile launch event was opened by the First Lady, Dr Tsepho Motsepe, who called on all South Africans to take action: “Let us become that society that ensures that no child goes to bed hungry.”

KEY FINDING:
Child malnutrition is a slow form of violence that lingers largely unseen until the child’s health is seriously compromised. It slowly eats away at children’s potential, eroding their physical health and cognitive development and undermining their education and economic prospects – and it drives an intergenerational cycle of poverty, malnutrition and ill-health that comes at a huge cost for individual children, their families and the South African economy.

Contents of the 2020 Gauge:

Welcome: Professor Mamokgethi Phakeng, Vice Chancellor, University of Cape Town

Opening address: The Honourable First Lady Dr Tshepo Motsepe

Foreword: Lawrence Haddad, Director, Global Alliance for Improved Nutrition

1. The slow violence of child malnutrition
Julian May (UWC), Petronell Kruger (UP) and Chantell Witten (UFS)

2. Locating children within the food system
Rina Swart (UWC), Scott Drimri (Stellenbosch), Winnie Sambu (UWC), and Mark Spires (City, University of London)

3. Fast food advertising targeting children in South Africa
Desiree Lewis (UWC), Vasu Reddy (UP) and Donna Andrews (UWC)

4. Food and nutrition security of the unborn child: Maternal nutrition and mental health
Elize Symmington (UNISA), Shane Norris (CoE-HUMAN & DPHRU) and Marius Smuts (NWU)

5. Food and nutrition security of the infant: Breastfeeding and complementary feeding.
Nazeeia Sayed (UP), Sara Niewoudt (Wits) and Lynette Daniels (Stellenbosch)

6. Food, nutrition security and early childhood development
Camilla Thorogood (UWC) and Hilary Goeiman (National Department of Health)

7. Food and nutrition security in schools and adolescence
Salome Kruger (NWU), Lungiswa Tsolekile (UWC) and Verona Witbooi (Department of Basic Education)

8. Double-duty actions to address the double-burden of malnutrition
Karen Hofman, Agnes Erzse, Safura Abdool Karim (Wits) and Julian May (UWC)

9. Social protection: Strengthening food security in times of shock and uncertainty
Ina Conradie (UWC), Stephen Devereaux (UWC) and Katharine Hall (UCT)

The WITS Health HUBB

(Help Understand Behave Become)

A Training Centre for Soweto Youth

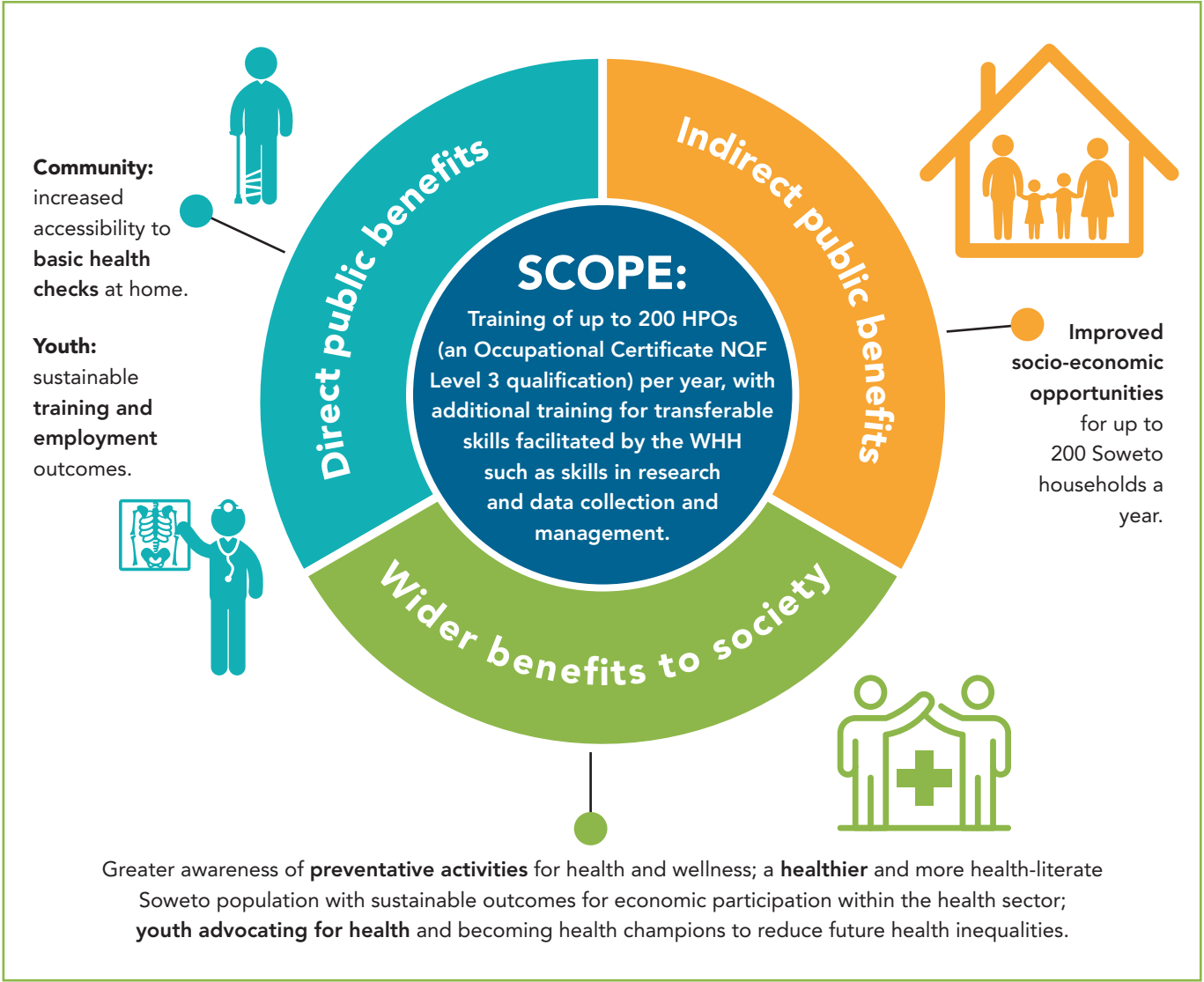


In Soweto, a large population of young people are unemployed (53%) or under-educated (56%). Young people who are not in employment, education or training (NEET) often lack the support or resources to access training or employment initiatives that could lead to sustainable, long-term employment for them.

Given the need for more community healthcare services in Soweto, and the high percentage of NEET youth, there is a need to facilitate training of young people as advocates for health in the community and as contribu-

tors to the ecology of health service provision in Soweto. Therefore the Wits Health HUBB, a key project of the COE-HUMAN, is training young people to qualify as health promotion officers (HPOs), an NQF Level 3 qualification.

KEY HIGHLIGHT:
In 2020, 20 health promotion officers were recruited and trained for the pilot phase of the project.



Here we showcase the voices and experiences of our Health Hubb trainees:



Innocent Katiyo (age 25) grew up in Orlando East in Soweto. He lives in a household of seven people, with only three family members working. He says being a community health worker is fascinating as he is now helping the very community, he grew up in. He has witnessed first-hand the poor health conditions of the people living around him and realised the need for change and is excited that he is now an agent for that change through the Health Advocate programme. He believes that with better health, people will have a better quality of life. He talks about the importance of health education as a way to bridge the gap between public hospitals and the community of Soweto and confesses that *"it hurts me to see young people dying due to lack of health knowledge and access to information"*. Innocent looks forward to future community health engagement opportunities and furthering his studies in clinical research.



Delisile Khubeka (age 28) lives in Jabulani, Soweto. She lives with her mother, younger sister and her niece. Delisile tells us that her mother is a pensioner, and her younger sister is still looking to go back to school, so her mother's pension money has been the only form of income at home until she enrolled into the Health Advocate programme and is relieved that she can now help out at home and support her family. She tells us that she found out about the programme online while searching for a job which she had been doing for over a year. Delisile adds, *"I have always wanted to study teaching or nursing so when I came past this advert I could see how these two professions were very interlinked as now I will be teaching the community about their health"*. Delisile shares her concern about how difficult it is for a young person that is starting off to get a job. She says that most jobs require young people to have experience which is limiting and frustrating for those who are new to the job market. Delisile is glad that with the Health Advocate programme, she gets work experience while studying. She is now keen to venture into a nursing career and explains how passionate she is about observing and nurturing the behaviour of young people in her community.



Ngomeni Mchunu (age 24) has lived in Soweto all his life. He comes from a family of four, including him, his mother, older brother who is 28 and younger brother who is 20 years old. He adds that *"we are relying on our mother as she is the only source of income at home, both my older and younger brother are not working"*. Ngomeni tells us that a lot of youth in his area are unemployed and looking for jobs and there are only a few youths in his area with a matric. He thinks this is mainly due to lack of funds to study further and also a result of some youth not having the emotional support and motivation from their families to continue with their studies which leaves them feeling discouraged and forced to drop out. Ngomeni says he felt discouraged in his efforts to look for a job due to lockdown, he felt there was a slim chance he could find something until an advert calling applicants to apply for the programme caught his eye on Facebook. Ngomeni tells us *"I wanted to do this course because I am very interested in the information gap that exists when it comes to youth knowing about health issues, especially when people experience mental challenges"*. He further goes on to say, *"It's important to have peer to peer interaction and information sharing"*. Ngomeni hopes to further his studies and one day become an Occupational Health and Safety Officer.

Connect with caregiver:

- Tune in and connect to the emotional needs of the caregiver.
- Encourage the caregiver's ability to cope with emotions and stress.

Connect with child:

- Caregiver coping enables emotionally responsive and attentive caregiving.
- Increased caregiver confidence encourages stimulation and learning.

Support for caregiver:

- Engage support from partners and family and help resolve conflict.
- Problem-solve barriers to accessing resources and services in the community.

Support for child:

- Partner and family engagement reduces caregiving burden.
- Families create the environment for learning in everyday playful activities.

Caring for the Caregivers

The Caring for the Caregiver (CFC) package, a front-line worker training package developed by the COE-HUMAN, UNICEF and the Harvard T.H. Chan School of Public Health, is designed to support emotional well-being of caregivers/parents during the COVID-19 crisis. It has a special focus on vulnerable caregivers, particularly adolescent mothers.

Pregnancy, birth and caregiving don't wait for ideal conditions. They continue during and throughout a crisis and most likely become more challenging in public health and humanitarian crises. Where there is pre-existing fragility, a pandemic like COVID-19 can heighten these vulnerabilities and add new stressors and challenges for caregivers including disrupted access to services and support. Concerns about safety, livelihoods, and access to services, can lead to parenting stress and emotional problems. Stressed children may be more difficult to care for, stressed caregivers may be less attentive and stressed families may lose focus on the important role they need to play in children's development.

While families experience extreme vulnerabilities, they are also the greatest source of resilience for children.

This is a critical time for health promotion, in particular mental health promotion, to support the capacity and desires of caregivers to care for themselves and their children. Promotive and preventive support of caregiver emotional wellbeing is key to promoting optimal child development. There are clear links between caregiver mental health and child development because when parents struggle with their mental health, they will often struggle to provide the kind of nurturing care that is needed for their young children to develop and thrive. The Caring for the Caregiver (CFC) package prototype promotes emotional awareness, self-care, and self-efficacy, and encourages partner and family support, conflict resolution, and problem-solving skills, particularly in contexts of high levels of adversity. A validated final version is expected to be available in 2021.

KEY HIGHLIGHT:

The Caring for Caregiver guides contain key messages, coping strategies and work sheets. There are facilitator, implementer and participator guides respectively. This is a seminal, practical resource for caregivers in a time of great upheaval, and responds generally to crisis situations.

Grow Excellence Campaign

One of the COE-HUMAN's key strategies is growing research capacity and scholarship at **historically-disadvantaged institutions (HDIs)** in South Africa. In 2019, the COE-HUMAN embarked on a series of roadshows across the country, with the primary aims of meeting promising researchers and students, and fostering partnerships.

The COE-HUMAN has signed memoranda of understanding with 11 institutions in 2019 and 2020:

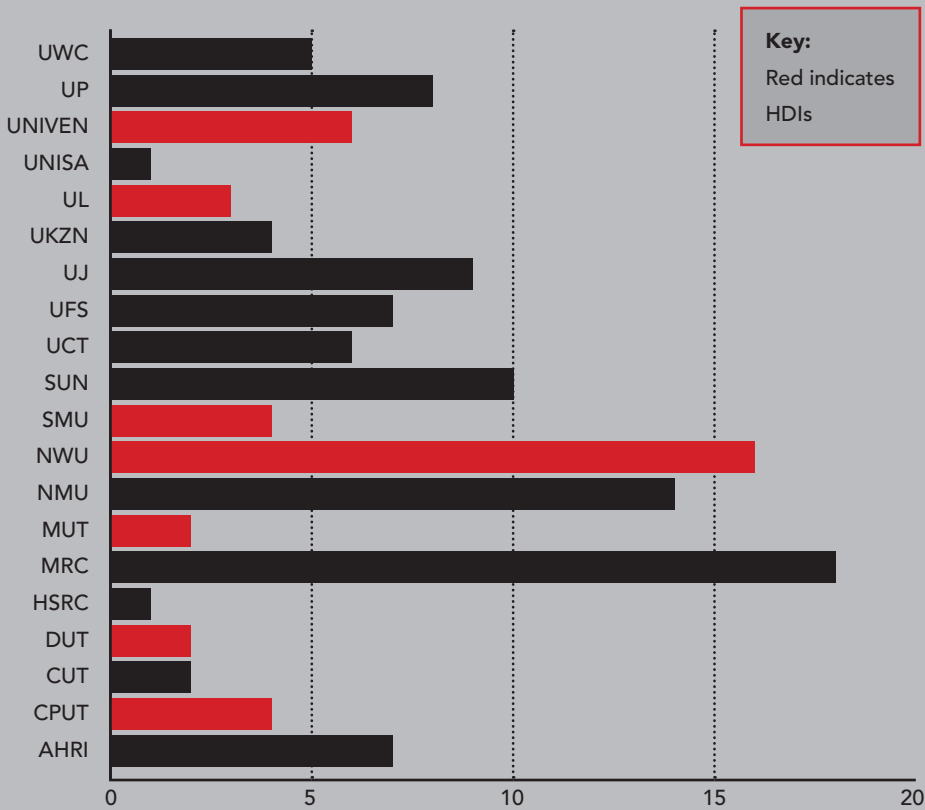
University of Limpopo, the Central University of Technology, the University of Zululand, Tshwane University of Technology, Cape Peninsula University of Technology, Vaal University of Technology, Nelson Mandela University, Sefako Makgatho Health Sciences University, Durban University of Technology, the University of Fort Hare, and North-West University.

The COE-HUMAN's Grow Excellence campaign has three objectives:

1. To provide additional funding opportunities to historically disadvantaged institutions. The COE-HUMAN sees the opportunity to work with these HDIs as a way to expand on the research being done in human development.
2. To help the historically disadvantaged institutions expand their research questions and capacity of the institution.
3. Many of these small institutions are universities of technology, and their research is more suited for real-world applications. The COE-HUMAN sees this as an opportunity to work with these institutions to create products and innovate.

Training and networking opportunities for HDI students and researchers:

The COE-HUMAN's webinar series on Human Development in the time of COVID-19 was an opportunity for students and researchers from across South Africa and Africa to learn about and contribute to the key issues brought about by the pandemic. In particular, many of the webinar participants (18%) were from historically disadvantaged institutions. The red bars in the figure show the number of researchers and scientists who joined in the webinar series from HDIs.



LIFE COURSE DEVELOPMENT

How we as individuals, including children, adolescents and adults, develop from conception through our lives



Empowering patients to manage chronic diseases

Bosire, E. N., Mendenhall, E., Norris, S. A., & Goudge, J. (2020). Patient-Centred Care for Patients With Diabetes and HIV at a Public Tertiary Hospital in South Africa: An Ethnographic Study. *International Journal of Health Policy and Management*, Epub. http://www.ijhpm.com/article_3804.html

Healthcare systems across the globe are adopting a patient-centred care (PCC) approach to empower patients in taking charge of their illnesses and improve the quality of health care. Although models of patient-centredness vary, respecting the needs and preferences of individuals receiving care is important.

KEY FINDINGS:

Health systems could be strengthened by ensuring appropriate multidisciplinary guidelines for managing comorbidities are available; strengthening primary healthcare (PHC) clinics by ensuring access to necessary resources that will facilitate successful integration and management of comorbid diabetes and HIV; training medical practitioners on PCC and structural competence, so as to better understand patients in their sociocultural contexts; and understanding patient challenges to improve attendance and adherence.

South Africa has implemented an integrated chronic disease management (ICDM) plan which has a PCC component. The ICDM aims to empower chronic care patients to play an active role in the disease management process, whilst simultaneously intervening at a community/ population and health service level.

But because chronic care is fragmented in South Africa, PCC has been hindered. This article therefore explores the perspectives of patients with comorbid Type 2 Diabetes and HIV on PCC. The study used ethnographic methods, encompassing clinical observations, and qualitative interviews with healthcare providers. Interview recordings were transcribed verbatim and data were analysed inductively using a grounded theory approach.

Interviews with health-care providers revealed structural challenges such as staff shortages, lack of guidelines for comorbid care, and fragmented care, and patient barriers such as poverty, language, and missed appointments, which impeded the possibility of practicing PCC.

Maternal and child undernutrition

Chakona, G. (2020). Social circumstances and cultural beliefs influence maternal nutrition, breastfeeding and child feeding practices in South Africa. *Nutrition Journal*, 19(1), 47. <https://doi.org/10.1186/s12937-020-00566-4> Postdoc fellow

Maternal and child undernutrition remain prevalent in developing countries with 45 and 11% of child deaths linked to poor nutrition and suboptimal breastfeeding, respectively. This also has adverse effects on child growth and development. The study determined maternal dietary diversity, breastfeeding and, infant and young child feeding (IYCF) practices and identified reasons for such behaviour in five rural communities in South Africa.

It was revealed that maternal dietary diversity was very low and exclusive breastfeeding for the first six months of life was rarely practiced, with young children exposed to poor-quality diets lacking essential nutrients for child growth and development. Social circumstances including lack of income, dependence on food purchasing, young mothers' feelings regarding breastfeeding and cultural beliefs were the major drivers of mothers' eating habits, breastfeeding behaviour and IYCF practices. Fathers were left out in breastfeeding and IYCF decision making and young mothers were unwilling to employ indigenous knowledge when preparing food and feeding their children.

The study provided comprehensive information on malnutrition in young children that can be used in interventions.

KEY FINDING:

The study highlights key barriers / challenges contributing to infant mortality largely linked to poor nutrition. These barriers have a knock-on effect on child growth and development. To overcome this, the study suggests a closer look at developing interventions linked to mother's income, dietary diversity, breastfeeding and paternal inclusion as key drivers in mitigating infant mortality and poor nutrition.





Dr Jane Lucas trains community health workers

The COE-HUMAN, the Saving Brains initiative, and the Division of Community Paediatrics at the University of the Witwatersrand, hosted Dr Jane Lucas who is a leading international child health and development expert. Dr Lucas is implementing a strategy for expanding responsive caregiving through the global Nurturing Care Framework.



The Nurturing Care Framework identifies what a young child needs for healthy development during the formative years from pregnancy to age three years. When a child's brain is developing rapidly and is preparing the capacities for a satisfying, productive, and healthy life, paediatricians and other health providers are at a critical place for helping a family provide the key components of nurturing care. Building on the messages of the 2016 Lancet series on Early Childhood Development, the

Framework provides an evidence-based global roadmap to improve child outcomes.

It describes policies, interventions, and areas for action, and summarizes indicators for tracking progress. The Framework aims to identify and fill critical gaps for financial investments and services needed for a child's optimal early development. It was developed by WHO, UNICEF, the World Bank Group, with their technical and implementation partners.

During Dr Lucas's lecture and workshop, the main features of the Framework were presented, including the five components of nurturing care: health, nutrition, security and safety, opportunities for early learning, and responsive caregiving. Participants focused on two of the components – opportunities for early learning and responsive care in the family. With interactive exercises from the WHO/UNICEF Care for Child Development, participants explored what they can do to strengthen responsive care to benefit families and their children, and how it could enhance other services.

The developmental origins of suicide

The COE-HUMAN, the Neuroscience Research Laboratory, and the School of Human and Community Development, University of the Witwatersrand, held a public lecture presented by Dr Massimiliano Orri, the Marie-Curie postdoctoral fellow in the Department of Psychiatry at McGill University.



KEY HIGHLIGHT:

Dr Orri's lecture, *The Developmental origins of suicide risk in the lifespan* examined how early-life risk factors (in-utero, perinatal, and developmental factors) may influence the vulnerability for suicidal behaviour later in life. Taking a developmental perspective on suicide risk, Dr Orri's talk presented findings from a research project aiming to investigate the role of early-life factors in the pathway leading to suicidal behaviour in the lifespan.



Human development in a time of crisis: Childhood resilience amidst disruption

The COE-HUMAN hosted a webinar on the 15th of July entitled COVID-19 and its impact on children. 120 people attended the webinar.

Left out of the conversation:

the effects of this time on optimal human development

WEBINAR SERIES ON HUMAN DEVELOPMENT IN THE TIME OF COVID-19

Covid-19 in context followed by an examination of the impact of the pandemic on children


Online on Wednesday 15 July at 4pm (SA time; GMT+2); 3pm (UK time; GMT+1)

■ Professor Jeffrey Mphahlele, SAMRC: An overview of South Africa’s Covid-19 response and an evaluation of South Africa’s response as a public health case study in Africa


■ Professor Tamsen Rochat, Wellcome Trust fellow, DPHRU/CoE-HUMAN: Child and adolescent mental health and brain development: Fostering resilience and promoting healthy development in the midst of the COVID pandemic

■ Dr Catherine Draper, DPHRU: Concerns regarding the impact of lockdown on children’s movement behaviours and early learning


■ Professor Shane Norris, DPHRU/CoE-HUMAN/GHRI: Moderation and response








Professor Jeffrey Mphahlele
SAMRC



Professor Tamsen Rochat
Wellcome Trust fellow,
DPHRU/CoE-HUMAN



Dr Catherine Draper
DPHRU



SOCIOECONOMIC DEVELOPMENT

How we attain a better life through health, education, social security, food security and decent employment

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The COE-HUMAN published a seminal book:

Violence, inequality and transformation: Apartheid survivors on South Africa's ongoing transition

Authors: Jasmina Brankovic, Brian Mphahlele, Sindiswa Nunu, Agnes Ngxukuma, Nompumelelo Njana and Yanelisa Sishuba

Despite its lauded political transition in 1994, South Africa continues to have among the highest levels of violence and inequality in the world. Organised survivors of apartheid violations have long maintained that we cannot adequately address violence in the country, let alone achieve full democracy, without addressing inequality.

Our book is built around extensive quotes from members of Khulumani Support Group, the apartheid survivors' social movement, and young people growing up

in Khulumani families. It shows how these survivors, who bridge the past and the present through their activism, understand and respond to socioeconomic drivers of violence.

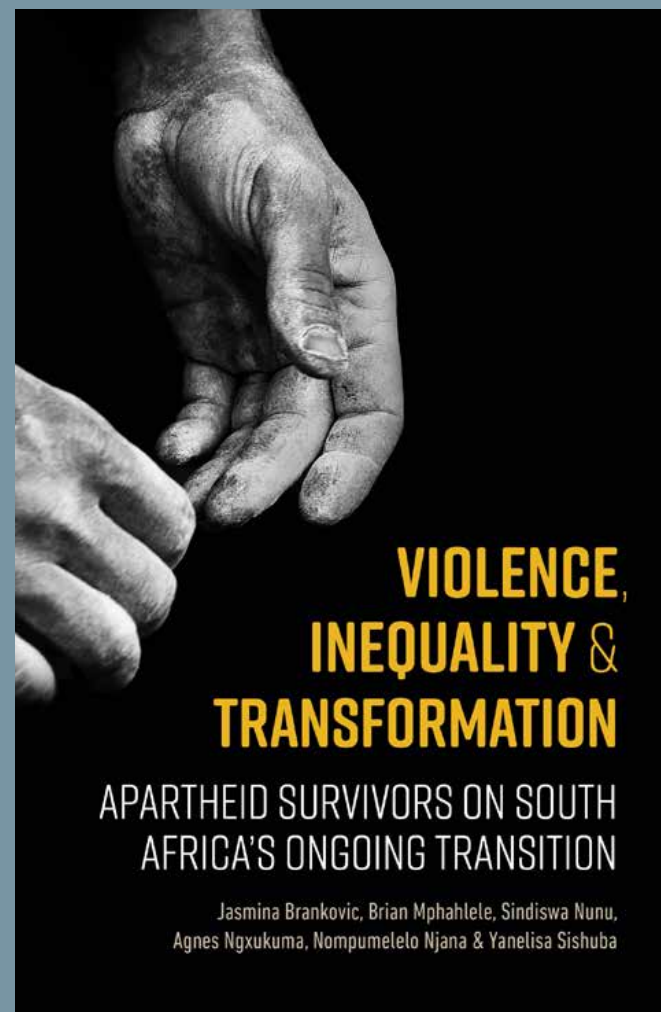
Pointing to the continuities between apartheid oppression and post-apartheid marginalisation in everyday life, the narratives detail ways in which the democratic dispensation has strengthened barriers to social transformation and helped enable violence. They also present strategies for effecting change through collaboration, dialogue and mutual training and through partnerships with diverse stakeholders that build on local-level knowledge and community-based initiatives.

The lens of violence offers new and manageable ways to think about reducing inequality, while the lens of inequality shows that violence is a complex web of causes, pathways and effects that requires a big-picture approach to unravel. The survivors' narratives suggest innovative strategies for promoting a just transition through people-driven transformation that go well beyond the constraints of South Africa's transitional justice practice to date.

A result of participatory research conducted in collaboration with and by Khulumani members, this open-access book will be of interest to activists, students, researchers and policy makers working on issues of transitional justice, inequality and violence.

KEY FINDING:

Apartheid survivors reveal that just reparations and violence reduction strategies must include major efforts to address inequality.



Social network determinants of alcohol and tobacco use

Desai, R., Ruiter, R. A. C., Magan, A., Reddy, P. S., & Mercken, L. A. G. (2020). Social network determinants of alcohol and tobacco use: A qualitative study among out of school youth in South Africa. *PLOS ONE*, 15 (10), e0240690. <https://doi.org/10.1371/journal.pone.0240690> Postdoc fellow

An important determinant of alcohol and tobacco use is an adolescent's social network, which has not been explored among out of school youth (OSY) in other research. OSY are adolescents not currently enrolled in school and have not completed their schooling. This study aims to qualitatively understand how OSY's social networks support or constrain alcohol and tobacco use. Respondent-driven sampling was used to select 41 OSY (aged 13–20 years) for individual in-depth interviews in a South African urban area.

Understanding how the social network of OSY plays a role in alcohol and tobacco use is useful for gaining an insight into the profile of OSY at risk for alcohol and tobacco use.

Most respondents who were smoking and drinking at the time of the interview initiated and continued to use alcohol and tobacco in the company of friends who smoked and drank. To strengthen bonds between

friends, respondents would increase their alcohol and tobacco frequency by adjusting their behaviour to their friends. Moreover, friends would place direct pressure on respondents to smoke and drink by offering alcohol or cigarettes, show respondents how to smoke, and coerce respondents to smoke or drink alcohol.

KEY FINDING:

In efforts to understand the behaviour of out of school youth in relation to alcohol and tobacco use, the study found that smoking and drinking friends, family close in age to out of school youth (OSY) that drank and smoked, and lack of parental support were associated with alcohol and tobacco use among OSY. Household norms, romantic partners and non-smoking or non-drinking friends were suggested to mitigate alcohol and tobacco use.

Drysdale, R. E., Bob, U., & Moshabela, M. (2020). Socio-economic Determinants of Increasing Household Food Insecurity during and after a Drought in the District of iLembe, South Africa. *Ecology of Food and Nutrition*, Epub



Socio-economic determinants of increasing household food insecurity in iLembe District

In 2015 and 2016, South Africa experienced a severe drought resulting in water restrictions and food price inflation. A year later, while the proportion of food secure households remained constant, the proportion of those experiencing severe food insecurity increased. This paper investigated the socio-economic determinants of increasing food insecurity during and after the drought. Two cross-sectional household surveys were carried out in the district of iLembe in November 2016 and 2017. Household food insecurity was measured using the Coping Strategies Index. The results indicated changes in socio-economic determinants of food insecurity over time, with the poorest households experiencing the worst levels of food insecurity

KEY FINDING:

After the drought, having a child under-five years was positively associated with food insecurity, while being located in a rural area was negatively associated. Policies that limit household vulnerability to price inflation, and interventions that protect poorer households from the effects of drought should be considered.

Webinar series on the impacts of COVID-19

The COE-HUMAN hosted a series of webinars delving into the impacts of COVID-19 on food security, the economy and vulnerable livelihoods, and the environment. In addition, the COE-HUMAN hosted the chief investigators of the NIDS-CRAM data – a rapid survey that was done to understand COVID-19's impact on South Africans.

Left out of the conversation:

the effects of this time on optimal human development

WEBINAR SERIES ON HUMAN DEVELOPMENT IN THE TIME OF COVID-19

Covid-19 and its socioeconomic impacts within South Africa

Online on Wednesday 5 August at 4 pm (GMT+2)



Mr Zeph Nhleko,
Chief Economist,
Development
Bank of Southern
Africa (DBSA):

An overview of the economic impact upon South(ern) Africa and how an expanded infrastructure programme is crucial for the economic recovery from the recession.



Professor Imraan Valodia,
Southern Centre
for Inequality
Studies, Wits
University:

What are the possibilities for a more equitable, more resilient and more sustainable South African economy in the wake of the Covid-19 crisis and what will it require?



Mrs Ilanaz Perold,
Cape Peninsula
University of
Technology:

What has been the socioeconomic impact of the cancellation in South Africa of major public events?



Dr Kalyanaram Kumaran,
Global Health
Research
Institute
(Southampton):

Moderation and response



Register in advance for this meeting: <https://bit.ly/coewebinar4>

After registering, you will receive a confirmation email containing information about joining the meeting. All the webinars will be recorded and all who registered and/or attended will receive a link to the recordings.

Follow us on Twitter: @CoEHuman @MRC_LEU @unisouthampton @MRCza @DPHRU_sa @DohadAfrica @WitsUniversity @NRF_News

Hosted by the DSI-NRF Centre of Excellence in Human Development and the Global Health Research Institute at the University of Southampton, in partnership with the MRC-Wits Developmental Pathways for Health Research Unit (DPHRU), the South African Medical Research Council (SAMRC) and DOHaD Africa.



The impact of Covid-19 on nutritional status and food insecurity

Online on Wednesday 22 July at 4pm (SA time; GMT+2); 3pm (UK time; GMT+1)



Dr Julian May, DSI-NRF Centre of Excellence in Food Security:
An overview of the impact of lockdown interventions on food security in South Africa
@FoodSecurity_za



Dr Chantell Witten, University of the Free State:
Policy analysis of the exacerbated children's nutrition crisis and interventions that can be made
@UESweb



Dr Elizabeth Kimani-Murage, DOHaD Africa and the African Population and Health Research Centre, Kenya: The impact in Kenya on food insecurity and its implications for Kenya's child nutrition plan
@Liz_Kimani @aphrc



Dr Asmaa El Hamdouchi, Unité Mixte de Recherche en Nutrition et Alimentation, CNESTEN-Université Ibn Tofail, Morocco: Impact of Covid-19 on food security in Morocco: How accessible has healthy and affordable food been during this time? Challenges and recommendations
@AsmaaHamdouchi



Professor Caroline Fall, MRC Lifecourse Epidemiology Research Unit/GHRI (Southampton):
Moderation and response
@MRC_LEU

The unanticipated costs of COVID-19 to the NCD burden of South Africa and the whole of the continent

Online on Wednesday 29 July at 3 pm (GMT+2)



Professor Abdallah Daar, DOHaD Africa and University of Toronto:
Is the Covid-19 risk to people with chronic non-communicable diseases getting the attention it needs?



Distinguished Professor Lenore Manderson, Wits School of Public Health:
In the context of the urgency, diversion of funds, and fears of Covid-19, do we counter compromises to the continued care of people living with lifelong medical conditions?



Professor Mary Barker, MRC Lifecourse Epidemiology Research Unit/GHRI (Southampton):
Moderation and response

A two-part webinar:

How Covid-19 is or isn't exacerbating the crisis of contamination, pollution and climate threats; and the main findings of the impact of the lockdown revealed in NIDS-CRAM Wave 1

Online on Wednesday 12 August at 4 pm (GMT+2)



Professor Angela Mathee, Environment and Health Research Unit, SAMRC:
What are the implications of Covid-19 for environmental health?



Dr Neville Sweijd, Director, Alliance for Collaboration on Climate and Earth Systems Science:
COVID-19: How the pandemic has created unprecedented opportunity and expediency in terms of climate change and pollution management.



Dr Nic Spaull, Funda Wande, Stellenbosch University:
An overview of NIDS-CRAM's Wave 1 findings: Job loss, income loss and hunger.



Professor Ronelle Burger, Stellenbosch University:
Risk perceptions and compliance with preventative measures: unpacking the findings in the recent NIDS-CRAM data.



Dr Kate Ward, Global Health Research Institute (Southampton):
Moderation and response.



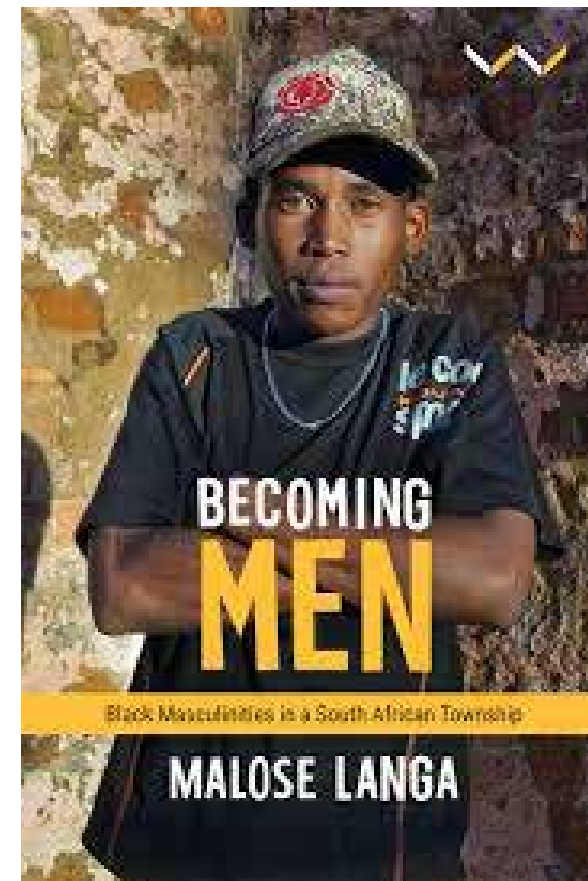
TRANSFORMATIONAL DEVELOPMENT

Our aspirations and values, which influence, and are influenced by, individual and group identities

Becoming Men: Black masculinities in a South African township

Langa, M. (2020). *Becoming Men: Black masculinities in a South African township*. NYU Press. MANCO member

Becoming Men is the story of 32 boys from Alexandra, one of Johannesburg's largest townships, over a period of twelve seminal years in which they negotiate manhood and masculinity. Member of the COE-HUMAN MANCO committee, psychologist and academic Malose Langa, documents in close detail what it means to be a young black man in contemporary South Africa. The boys discuss a range of topics including the impact of absent fathers, relationships with mothers, siblings and girls, school violence, academic performance, homophobia, gangsterism, unemployment and, in one case, prison life.



KEY FINDING:

Studies about young black men in South African townships are not new, but many tend to associate young black men with gangs, crime and violence. What is new in this book is the focus on young black men who do not subscribe to stereotyped ideas of being a black township man.

These are young township men who are not engaging in risk-taking and other problematic behaviours often associated with them, such as belonging to criminal gangs and committing violent crimes as part of constructing their masculine identities.

Furthermore, these young black men put more emphasis on academic success and long-term career goals, despite lack of bursaries for some to pursue their studies beyond matric. Pursuing academic work was seen by this group as an investment in the future and as a possible means to breaking the cycle of poverty in their lives in the township.

Their narratives revealed positive signs of change, ambition and the aspiration to achieve certain career goals. This and a willingness to sacrifice alignment with dominant or popular positions in the present. They thus entertained non-hegemonic or alternative identity positions.

Kutanda botso as a means of preventing non-intimate femicide

Chivasa, N. (2020b). *Kutanda botso* Ritual as a Means of Preventing Non-Intimate Femicide Targeting Biological Mothers in Shona Communities of Zimbabwe. *Violence and Gender*, vio.2020.0030. <https://doi.org/10.1089/vio.2020.0030> Post-graduate student

Although femicide perpetrated by adult sons and daughters against their biological mothers is not a new phenomenon in the Shona communities of Zimbabwe, the problem has escalated significantly in recent years. In response, this study focuses on *kutanda botso* (ritual cleansing to appease the aggrieved spirit of the deceased biological mother) a ritual process taken up by adult sons or daughters who disrupt the social norm: that children should not verbally abuse, assault, or kill as they will suffer the consequences of an avenging spirit.

The study adopted a qualitative methodology based on its propensity to make sense of respondents' experiences and understand the functions of the social institution under review within its cultural setting. An analysis shows that *kutanda botso* has a dual role: First, the fear of negative consequences deters the possible perpetrators from such acts of violence. Second, it symbolises the social values of motherhood by extolling and venerating it as an important and admirable position that should be treated with reverence and respect. Mothers deserve to live in nonviolent spaces and social relationships.

KEY FINDING:

This study concludes that non-intimate femicide, which targets biological mothers, is complex and overwhelming. It requires a solution that involves more than law enforcement agencies and one that appeals to not only human cognition but also tradition.



Reflections on triggering in contexts of violence

Bashonga, R. (2020). Life has no #TriggerWarnings: Reflections on triggering in contexts of violence. *Feminist Theory, Epub*, 146470012091811. TRANSFORMATIONAL <https://doi.org/10.1177/1464700120918111> Post-graduate student

Ragi Bashonga, in her paper, reflects that minimising re-traumatisation, content across media platforms should contain a trigger warning sign for readers, viewers and listeners before engaging with the content.

Bashonga says that these warnings allow people to prepare mentally and emotionally for engagement with difficult subject matters. In essence, by pushing for the use of trigger warnings, persons are asking for the 'recognition of their lived experiences and institutional support regarding how those experiences influence their education [or daily lives]' (Carter, 2015: 2).

Current approaches to mental health and trauma place the responsibility to seek medical and psychological assistance on victims of trauma alone. The use of trigger warnings assists in removing the responsibility from the individual by conscientising society more broadly regarding issues of trauma, making healing a communal responsibility.

It is, nonetheless, difficult to make a case for the ideal way that trigger warnings may be used. One cannot know for certain what could be triggering to an individual; for some it may be content presented in a reading, for another a scene presented in a video and yet for another it may be a certain smell, a particular location or the use of seemingly inoffensive words. It would be extremely arrogant to assume that we can protect all people from all kinds of triggers and from reliving certain traumas.

At the same time, trigger warnings allow us to begin to collectively work towards healing and meaningful engagement with an array of difficult subjects. The truth of the matter is that life has no trigger warnings, and for many of us our pasts of pain will continue to haunt us.

KEY FINDING:

There is often no telling what may resurface a difficult memory or fear, let alone when it may happen; but perhaps warning people of the possibilities of facing such subjects may do us more good than harm.



PART 1	 Gavin Hughes Moderator <i>Headlines</i>	 Wessel van den Berg Moderator <i>South African Fathers Report</i>	 Lukashu Tengen Shweni Moderator <i>South African Fathers Report</i>	The State of South African Fatherhood: an overview 19 August 2020 15:00 - 16:30	PART 3	 Bessie Dlamini Moderator <i>Headlines</i>	 Mona Msimang Moderator <i>South African Fathers Report</i>	 Zakes Khumalo Moderator <i>South African Fathers Report</i>	 Tawanda Makhurumira Moderator <i>South African Fathers Report</i>	Fathers and the first 1000 days 2 September 2020 15:00 - 16:30
PART 2	 Phane Norris Moderator <i>Headlines</i>	 Malene Lange Moderator <i>South African Fathers Report</i>	 Nelson Ndlovu Moderator <i>South African Fathers Report</i>	Becoming men! Overcoming toxic masculinities in South Africa 26 August 2020 15:00 - 16:30	PART 4	 Pamela Kgomo Moderator <i>Headlines</i>	 Solomon Mnyoni Moderator <i>South African Fathers Report</i>	 Tawanda Makhurumira Moderator <i>South African Fathers Report</i>	What works? Positive interventions for fathers 9 September 2020 15:00 - 16:30	

The COE-HUMAN has been intricately involved in Fathers Matter, which is an edutainment initiative to support the positive and active role of fathers or men in the lives of children. This is to mitigate the risks associated with the absence of fathers or positive male role models in the lives of children.

It is an initiative of Heartlines, the Centre for Values Promotion a social change NPO that promotes positive behaviour change, using story and values-based resources. The COE-HUMAN partnered with Heartlines in presenting a webinar series on fatherhood on South Africa.



KEY THOUGHTS:

- Discussions revealed that many see fathers as purely financial providers. By far, the most common barrier to fathering was whether a father could provide financially. Financial provision differentiated between “good” and “not good enough” fathers. Communities and families reinforced the idea of fathers as financial providers, irrespective of employment status. This resulted in fatherhood being a transactional relationship, almost equivalent to the role of an ATM. Men who provided financially, gained both entry and ongoing access to participation with their children.
- It was clear that individuals, irrespective of age wanted more when it came to the participation of their fathers. The participants expressed a yearning for connection and attachment with their fathers. They wanted their fathers to be engaged, available and responsible.



INTERGENERATIONAL DEVELOPMENT

How individuals and families develop across generations

Connected lives: Families, households, health and care in South Africa

The COE-HUMAN supported the publishing of the book, *Connected lives: Families, households, health and care in contemporary South Africa*.

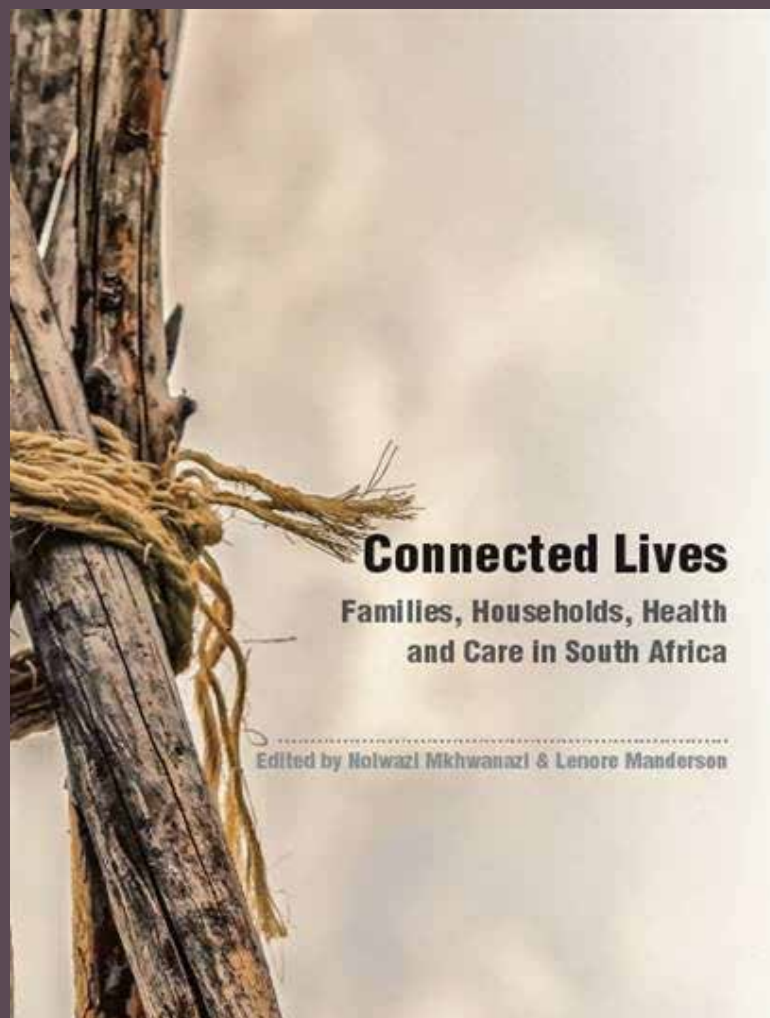
The book illustrates the changing constitution and the variability of households, fluid understandings of family, and the impact of these in the context of life changes and health problems. Through 29 case studies of people of diverse backgrounds in terms of ethnicity, class, sex and gender, of varying ages and from both urban and rural backgrounds, the authors explore the household as a site for the production of health and care. The book illustrates the impact of economic, demographic and social changes on households and families, and considers how these factors influence everyday life, health, wellbeing and care in contemporary South Africa. This book will interest those in global public health, anthropology, and population and demography studies.

KEY FINDING:

Families, however constituted, are the most important social support structures for all people worldwide, regardless of a country's economic status; degree of industrialisation; and the structure, size and provisions of the service sector. Affective social ties bring meaning to people's lives. The power of family relationships is not replaced in any setting, even when some of the work of a family is, or might be, outsourced by, for example, childcare or aged care, domestic workers or live-in assistants, takeaway food and meals-on-wheels, or community health workers and volunteers.



Mkhwanazi, N., & Manderson, L. (Eds.). (2020). *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees



Health and sex education at home

Edwards, T., Mkwanazi, N., Mitchell, J., Bland, R. M., & Rochat, T. J. (2020). Empowering parents for human immunodeficiency virus prevention: Health and sex education at home. *Southern African Journal of HIV Medicine*, 21(1), 13. <https://doi.org/10.4102/sajhivmed.v21i1.970>. Postdoc fellow MANCO member

Improving health literacy amongst human immunodeficiency virus (HIV)-positive mothers could strengthen child and adolescent HIV prevention.

This paper's aims were to (1) evaluate whether the Amagugu Intervention materials improved health literacy leading to changes in parental behaviour towards communicating on topics such as HIV, health behaviours and sex education, and (2) explore what additional information and materials mothers would find helpful.

The initial Amagugu Intervention was a randomised control trial looking at how mothers disclosed their own HIV status to their primary-school children who were HIV negative.

The Amagugu evaluation included 281 HIV-positive mothers and their HIV-uninfected children (6–10 years). Of 281 mothers,

- 276 (98.0%) requested more educational storybooks:
- 99 (35.2%) on moral development/future aspirations,
- 92 (32.7%) on general health, safety and health promotion, and
- 67 (23.8%) on HIV and disease management.

Compared to baseline, mothers reported that the materials increased discussion on the risks of bullying from friends, teacher problems, physical abuse and sexual abuse.

Most mothers used the 'HIV Body Map' for health and sex education. The use of a low-cost doll was reported to enhance mother-child communication by increasing mother-child play and maternal attentiveness to the child's feelings.

KEY FINDING:

Parent-led health education in the home seems feasible, acceptable and effective and should be capitalised on in HIV prevention strategies. Further testing in controlled studies is recommended.

Preconception health messaging project

Researchers are aiming to understand how child health outcomes, across generations, could be improved through educating young women about preconception health.

Preconception health is understood as a women's health long before she becomes pregnant. Messaging and information around preconception health means imparting how health conditions and risk factors could affect a woman or her unborn baby in the time leading up to her pregnancy.

The COE-HUMAN has therefore developed a messaging research project to gauge how women's attitudes towards preconception health may be influenced by appropriate messaging and information.

It was found, through initial data collection, that young women do not have a full understanding of what preconception health is, assuming it is health while pregnant or just before one becomes pregnant. In addition, many other concerns compete for a young women's attention, including education and employment, mental health and bereavement, and relationship difficulties with family members. These concerns were top of mind for them and therefore social messaging on preconception health needs to be linked to current concerns.

Materials disseminated include those on mental health, and staying healthy during COVID-19.

Results of the efficacy of the project will be released in late 2021.

KEY FINDING:

Many other concerns compete for a young women's attention, including education and employment, mental health and bereavement, and relationship difficulties with family members. These concerns were top of mind for young women and therefore social messaging on preconception health needs to be linked to current concerns.

DOHaD Africa

The DOHaD Africa Chapter, which is housed within the COE-HUMAN, aims to be an African-centric but internationally connected network determined to support the creation, communication and translation of the latest knowledge on developmental origins to improve the health and well-being of Africans. The DOHaD African chapter is committed to engage with biological, epidemiological, clinical, social and economic sciences to focus on:

- **Creating a network of scientists** across Africa to engage in collaborative DOHaD science. **ACHIEVEMENT:** We have reached 350 members worldwide, and are directing efforts to recruit more African members.
- **Determining how maternal and paternal health, and environmental factors** during the early life (pre-conception-childhood) in different African settings interact with growth and development to place individuals on trajectories that impact life-long health, and learning. Our members-only section has developed a rich content library. We have provided eight pieces, gleaned mainly from interviews conducted during and after the 2019 International DOHaD Society conference.
- **Supporting academic excellence** through capacity development and providing the opportunity for younger African scientists to become global leaders within DOHaD. We provided information on a number of funding opportunities, which boosted capacity development.

Knowledge exchange and engagement with scientists, governments, and the public is at the core of our strategic priorities. Together with the COE-HUMAN, the South African Medical Research Council, the Developmental Pathways to Health Research Unit, and the Global Health Research Institute at the University of Southampton (UK), DOHaD Africa hosted a **series of webinars**, hoping to understand the **impact of COVID-19 on human development**.

Number of webinar registrants and number of attendees		
		Attended
Webinar 1	COVID-19 & child development	120
Webinar 2	COVID-19, nutrition & food insecurity	192
Webinar 3	COVID-19, NCDs & chronic conditions	84
Webinar 4	Socioeconomic effects of COVID-19	86
Webinar 5	Environmental impact of COVID-19 & update from the recent NIDS-CRAM survey	64
	Total	546

HIGHLIGHTS

- We interviewed Professor Frank Kelly, Department Head of Analytical, Environmental and Forensic Science, Kings College, London, who discussed his environmental research area: the impacts of air pollution on the pregnant mother and her child in-utero. He leads a research group that provides monitoring of London's air quality. His work includes providing hourly updates to London's public about such air quality. This research is important in the context of rapidly urbanising cities in Africa.
- We hosted Dr Massimiliano Orri, the Marie-Curie post-doctoral fellow in the Department of Psychiatry at McGill University. His lecture on the developmental origins of suicide risk in the lifespan examined how early-life risk factors (in-utero, perinatal, and developmental factors) may influence the vulnerability for suicidal behaviour later in life.

PUBLICATION

DOHaD Africa publications

- Secretary of the DOHaD Africa Chapter, Liz Kimani-Murage, published an article entitled: *The Relationship between maternal body composition during pregnancy and infant's birth weight in Nairobi informal settlements*.
- Chair of the DOHaD Africa advisory group, Abdallah Daar, published an article entitled: *The ethical, social, and cultural dimensions of screening for mental health in children and adolescents of the developing world*.

Looking to 2021

We will continue to grow our membership base, with a particular focus on recruiting African scientists living in Africa or working closely on the continent.

We aim to foster relationships between scientists in Africa, to provide local solutions to context-specific challenges. Our science will also be globally relevant and modelled.

The COE-HUMAN in 2021

Notwithstanding the adverse impact of the COVID-19 Pandemic in 2020, the CoE-HUMAN has made a meaningful impact within the South African Human Development Sector. The Centre **supports research that studies the past, present and future.** In this regard, the CoE-HUMAN produces excellent research through the identification, support and mentoring provided to the students funded. Moreover, we seek to expand research through training and networking and making findings available in service of human development in South Africa and beyond.

The CoE-HUMAN has implemented and channeled impactful research within the Human Development Sector through the recruitment, supervision and mentoring of the students funded. Through their research, the CoE-HUMAN has made insightful contributions to the spheres of Life-Course

Development, Intergenerational Development, Socio-Economic Development and Transformational Development.

The presence and impact of the CoE-HUMAN in relation to the expansion and deepening knowledge into human development is visible through its Grow Excellence Campaign at a higher education level, as well as the Wits Health Hubb at the community-level.

The COE-HUMAN's 2021 vision is to identify, support and produce excellent research, expand research capacity through training and networking, and make findings available in service of human development in South Africa and beyond.

In the pipeline are two human development population surveys, and a Think Tank that will focus on population behaviour change in response to human crises, such as pandemics.



DSI-NRF Centre of Excellence
in Human Development

Individual and Society

COE-HUMAN ANNUAL REPORT 2020

APPENDICES

DSI-NRF Centres of Excellence (CoE)

SERVICE LEVEL AGREEMENT

Number 4 of 5



April 2020

Preamble:

This Service Level Agreement is linked to the Memorandum of Agreement between the NRF and the University of the Witwatersrand.

Stage/Gate:

This CoE is currently in **Stages 4**, the Performing Stage of development, as reflected in as reflected in research outputs, networking, knowledge transfer, service delivery, stakeholder survey, capacity development and growing team spirit.

- The pending Gate review (**Gate 4**) shall take place during March 2020-April 2021.
- Two CoE Steering Committee (virtual or real) meetings should take place during this Stage: Typically, October-November 2020 and March-April 2021.

Activities related to the Current Stage:

- *Research outputs*
 - Research outputs of students will be increased from the 68 journal article outputs achieved in 2019, and reporting of research outputs will indicate the roles of authors, students and collaborators
- *Networking*
 - The 2020 CoE symposium on the 2019 Child Gauge will increase the CoE's networks
 - The CoE is reaching out to Historically Disadvantaged Institutions to increase its grant and student support in these institutions.
 - Stronger working relationships established with key stakeholders' communications' people (DSI, NRF, Wits Comms, Wits Alumni)
 - Recruit 500 members signed up on the Dohad Africa website

- *Knowledge transfer*
 - The CoE shall make available to the NRF, on a quarterly basis (March, June, September and December), current "nuggets" of information for publication on the CoE website.
 - While the current high level of knowledge transfer activities will be maintained, we intend to concentrate dissemination activities to 3-4 carefully selected topics per year.
- *Service delivery*
 - CoE researchers maintain a high level of service delivery through membership of professional and disciplinary societies, editorial boards of journals, and policy committees in South Africa and abroad.
- *Capacity development*
 - The CoE shall provide to the NRF a list of students that are being supported by the Centre by March July of each year, using the student nomination platform on the NRF online submission system. Additional students can be appended to this list as and when they arrive.
 - Student capacity development will be carried out through an annual student training workshop
- *Growing team spirit*
 - The CoE will appoint, a Senior Researcher and Organisation Development Specialist as already budgeted for in the approved 2020 Business Plan. These posts will be funded from the 20% operational budget of the CoE Human
 - The CoE works to maintain its excellent relationships with stakeholders, CoE researchers, grantees and students.
 - The CoE will work closer with the SAMRC Developmental Pathways for Health Research Unit
- *Sustainability*
 - The CoE will apply for research and innovation grants to increase its leveraged funds and grow its research and innovation outputs

Financial responsibilities:

- The CoE shall present an audited set of financial statements at the March-April 2021 Steering Committee meeting reflecting the financial situation of the CoE during the previous financial year (January to December 2020).
- The CoE shall submit quarterly cash-flow statements within 15 days of the end of each quarter, indicating expenditure and commitments.

Reports due in this Stage:

- The CoE shall submit an Annual Progress Report including Gate Review Documentation by no later than February 2021 to be reviewed by the CoE Steering Committee.
- The CoE shall comply to the NRF rule to submit the NRF online APR and shall meet the deadline set by the NRF (which currently is the end of February, unless a new date is set and provided that it is communicated two months in advance)
- The CoE shall submit a Statement of Compliance by no later than March 2021 referring to stage 4.

Standard Output Targets per annum in the Current Stage:

1. Research

- Number of peer-reviewed publications that acknowledge funding from the CoE ≥ 55 (must be ISI rated)
- Number of peer-reviewed publications, acknowledging the CoE (impact factor >5) ≥ 5
- Policy inputs or policy evaluations ≥ 2
- CoE researchers maintain or improve their NRF rating ≥ 6/9

2. Education and Training

- Total number of bursaries awarded ≥ 48 in total
- Women ≥ 55% of all students
- Black South African students ≥ 80% of all students (Black = African, Coloured, Asian and Indian)
- African students ≥ 50% of all students
- SADC students ≥ 5% of all students
- African continent students ≥ 4% of all students
- Non-African continent students (other than SADC) of all students ≥ 4% of all students
- Post-doctoral Fellows ≥ 15% of all bursaries awarded
- Education and training workshops, conferences, symposia ≥ 5
- ≥ 87% of all students supported will be South African

3. Dissemination

- Dissemination pieces (“nuggets”) ≥ 4
- CoE Events (Exhibitions, symposia, conferences etc) 4
- Media coverage (print, radio, television, social media) ≥ 35

4. Networking

- Collaborative agreements in total ≥ 20
- Growing and Supporting Excellence Campaign – visit to 5 Historically Disadvantaged Universities with intention to sign 2 new Collaborative Agreements
- Number of workshops, symposia, seminars convened or funded ≥ 5
- Host DOHAD student training event ≥ 1

5. Service

- CoE researchers serving on journal editorial boards = 8/9
- CoE researchers serving on local science or policy committees = 8/9
- CoE researchers serving on international science or policy committees = 8/9

Special Output Targets for the Current Stage:

- Stronger working relationships established with key stakeholders’ communications’ people (DSI, NRF, Wits Comms, Wits Alumni
- Recruit up to 500 members signed up for the DOHAD AFRICA chapter
- Host DOHAD student training event
- The CoE will continue to strive to have a sound working relationship between the CoE host institution and the satellite institutions.

- Allocate 4 Opportunity Grants to researchers in Historically Disadvantaged Universities
- Allocate 4 PhD bursaries to students from Historically Disadvantaged Universities
- Continuing students’ progress reports template will be provided to the students upon receipt from the NRF and evaluated by the CoE/Wits University assessment committee.


FOR THE NRF:

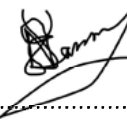
Signed at...Pretoria... this...13th... day of ...August... 2020.



Dr Makobetsa Khati, Executive Director: Research Chairs & Centres of Excellence

AS WITNESS:

1. 

2. 

FOR THE GRANTEE:

Signed at...Johannesburg... this...23... day of ...October 2020... ~~2019~~.



Appendix 2: Reporting indicators and targets met

	SLA TARGET	CoE-HUMAN Performance	SLA Target Achieved (Yes/No)
1	Two Virtual Steering Committee (SC) Meetings	– Virtual Meeting of the SC on 16 November 2020 – Virtual Meeting of SC on 06 May 2020	YES
RESEARCH OUTPUTS			
2	Increase in journal article outputs, from the 68 in 2019	88 in total: 73 publications; 2 books; 13 book chapters	YES
NETWORKING			
3	2020 CoE Symposium on the 2019 Child Gauge will increase the CoE networks	COVID-19 delayed the Children's Institute launch and symposium. However, the media items generated from the Child Gauge 2019 allowed for engagement and leverage. See appendix for media report on Child Gauge 2019.	YES
4	Reach out to HDIs to increase grant and student support in these institutions	15 student bursaries. 3 grants (1 x COVID-19; 2 x Climate Change).	YES
5	Stronger working relationship with key stakeholders' communications' people (DSI, NRF, Wits Comms, Wits Alumni)	NRF partnered with COE-HUMAN and Heartlines for a webinar series on fatherhood. NRF used four of our researchers for their TV series on Soweto TV, organized by COE-HUMAN. All content produced by COE-HUMAN is disseminated to DSI, Wits Comms, Wits Alumni	YES
6	Recruit 500 members to sign-up on the Dohad Africa website	320 members, 837 people registered on the mailing list. COVID-19 impacted some of our efforts to recruit members. The mailing list is currently being encouraged to become members. This may have been an awareness issue. The STIAS Summer School - a way to attract new members to DOHaD Africa - was cancelled owing to COVID-19.	NO
KNOWLEDGE TRANSFER			
7	Make available to the NRF, nuggets of information in March, June, September and December	4 nuggets produced (in appendix)	YES
8	3 – 4 Dissemination activities of carefully selected topics for the year	As above	YES
SERVICE DELIVERY			
9	Number of CoE researchers' part of professional societies (in SA and beyond)	Shane Norris, Linda Richter, Tamsen Roach, Shelly MacCaulay, Relebohile Moletsane, Malose Langa, Lisa Ware	YES
11	Number of CoE researchers on editorial boards of Journals (in SA and beyond)	Linda Richter, Tamsen Roach, Shelley Macaulay, Shane Norris, Malose Langa, Lisa Ware, Aryeh Stein	YES
12	Number of CoE researchers' part of policy committees (in SA and beyond)	Shane Norris, Linda Richter, Mastoera Sedan, Malose Langa, Shanaaz Mathews, Shelley Macaulay, Relebohile Moletsane	YES
CAPACITY DEVELOPMENT			
13	CoE to provide NRF a list of students being supported by the Centre in March and July of each year	Lists were submitted.	YES
14	Annual Student Training Workshop	FameLab – March 2020	YES
GROWING TEAM SPIRIT			
15	CoE to appoint a Senior Researcher	Dr. Lisa Ware was appointed Senior Researcher within the CoE-HUMAN.	YES
16	CoE to appoint an Organisational Development Specialist	Ms. Abigail Legodi was appointed Business Development Officer.	YES
17	CoE to maintain excellent relationships with stakeholders, CoE researchers, grantees and students	Relationships with stakeholders, CoE Researchers, grantees and students have been maintained and strengthened.	YES
18	CoE to work closer with the SAMRC Development Pathways for Health Research Unit	The COE-HUMAN and the DPHRU collaborated on the webinar series looking at Human Development in the time of COVID-19.	YES
SUSTAINABILITY			
19	CoE to apply for research and innovation grants to increase its leveraged funding	Researchers affiliated with the CoE leveraged a total of R29,481,823 in research and innovation grant funding in 2020 representing a 1.8-fold increase from the previous year. Please see detailed appendix in this report.	YES
FINANCIAL RESPONSIBILITIES			
20	CoE shall present an audited set of financial statement at the March-April 2021 Steering Committee for January – December 2020 Financial Cycle	On track.	YES

	SLA TARGET	CoE-HUMAN Performance	SLA Target Achieved (Yes/No)
21	CoE shall submit quarterly cash-flow statements within 15 days of the end of each quarter (indicating expenditure and commitments)	On track.	YES
REPORTS DURING THIS STAGE			
22	CoE shall submit an APR, including Gate Review Documentation by no later than February 2021 to be reviewed by the CoE Steering Committee	31 January 2021	YES
23	CoE shall submit the NRF Online APR (deadline: end-February 2021)	On track	YES
24	CoE shall submit a Statement of Compliance by no later than March 2021 (referring to Stage 4)	Statement of Compliance was signed by the Director: CoE-HUMAN	YES
STANDARD OUTPUTS PER ANNUM			
RESEARCH			
25	≥ 5 peer-reviewed publications that acknowledge funding from the CoE	88 in total: 73 publications; 2 books; 13 book chapters	YES
26	≥ 5 peer-reviewed publications, acknowledging the CoE (impact factor >5)	8	YES
27	≥ 2 policy inputs or policy evaluations	Linda Richter and Shanaaz Mathews	YES
28	≥ 6/9 CoE researchers maintain or improve their NRF rating	6	YES
EDUCATION AND TRAINING			
29	≥ 48 total number of bursaries awarded	63 is a combination of both direct and indirect bursary support	YES
30	≥ 55% female students	71%	YES
31	≥ 80% Black South African students (Black = African, Coloured, Asian and Indian)	82%	YES
32	≥ 50% African students Less than or equal.	98% (or 65 African Students) From South Africa, Congo, Zambia, and Zimbabwe.	YES
33	≥ 5% SADC students	11% (or 7 SADC students) From Congo, Zambia and Zimbabwe.	YES
34	≥ 4% African continent students	11% (or 7 SADC students) From Congo, Zambia and Zimbabwe.	YES
35	≥ 4% Non-African continent students (other than SADC)	1,5% (or one Non-African continent student) from Bangladesh. COVID-19 impacted the attraction of Non-African students owing to restrictions on travel and the closure of universities.	NO
36	≥ 15% of all bursaries awarded to Post-doctoral Fellows	11% Covid-19 impacted on the awarding of bursaries to post-docs owing to restrictions on travel and university closures.	NO
37	≥ 5 Education and training workshops, conferences, symposia	12	YES
38	≥ 87% of all students supported will be South African	89% (OR 58 South African students supported)	YES
DISSEMINATION			
39	≥ 4 Dissemination pieces ("nuggets")	4	YES
40	4 CoE Events (exhibitions, symposia, conferences, etc.)	12	YES
41	≥ 35 Media coverage (print, radio, television, social media)	111 media items	YES
NETWORKING			
42	≥ 20 Collaborative agreements	20	YES
43	Visit to 5 HDIs with intention to sign 2 new Collaborative Agreements	Prevented due to COVID-19	NO
44	≥ 5 workshops, symposia, seminars or funded	12	YES
45	≥ 1 Host DOHaD student training	1	YES
SPECIAL OUTPUTS			
49	Allocate 4 opportunity grants to researchers in HDIs	18	YES
50	Allocate 4 PhD bursaries to students from HDIs	4	YES
51	Students' progress report template provided to students upon receipt from the NRF and evaluated by the CoE/Wits University assessment committee	Student Progress Report Template provided	YES

Centre of Excellence in Human Development – Funding leveraged in 2020			
Awardee	Award/Funder/Project	Type of Funding	Amount
Monde Makiwane	HSRC-TRNS	Project funding	R 203,554
Shane Norris	Joint Global Health Trials (UK): Ntshembo - Intervention to optimise adolescent BMI pre-conception to address the double burden of malnutrition: An RCT in rural and urban South Africa	Project funding R61,271,500 over 5 years	R12,254,300
	Wits Vice Chancellor's Award	Award	R 275,000
Linda Richter	OPP1148933 - UNICEF - Countdown 2030	Project funding	R 90,864
	Saving Brains	Project Funding	R 2,706,614
	Oppenheimer Memorial Trust Fellowship	Award	R 500,000
	World Health Organisation – Early Childhood Development – Counting Down to 2030	Project Funding	R 92,500
	ESRC - Harnessing the power of global data to support young children's learning and development: Analyses, dissemination and implementation	Project funding	R 749,130
Tamsen Rochat	Wellcome Trust Intermediate Fellow in Public Health and Tropical Medicine	Fellowship Project funding	R 4,868,879
	Caring for the Caregiver (CFC) Global Validation Project	Project Funding	R 2,825,937
Lisa Ware	Health Hubb	Project Funding (DBSA)	R 2,250,592
		Award (GLF)	R 200,000
		Donation (Multiplex)	R 90,000
		Donation (WHC)	R 290,000
	Bursaries (Undergraduates)	Donation (Abbott)	R 1,667,612
	Bilateral – Cambridge UK	Award	R 209,141
	Bilateral – Queens University, Ireland	Award	R 103,850
	Bilateral – Edinburgh University, Scotland	Award	R 103,850
TOTAL			R 29,481,823

Appendix 3: Grantees

Surname	First name	Year	Type	Gender	Race	Institution	Theme
Ayenubi,	Adeola	2020	OPP	M	B	Wits	Transformational Development
Alabi	Adefunke O.	2019	OPP	F	B	UKZN	Socio economic Development
Alubafi	Fubah, Mathias		OPP	M	B	HSRC	Transformational Development
Akhurst	Jacqueline		Opp	F	W	Rhodes	Socio economic Development
Bain	Katherine		Opp	F	W	Wits	Lifecourse Development
Besharati	Sahba		OPP	F	I	Wits	Lifecourse Development
Bhana	Arvin		Acc	M	I	MRC	Lifecourse Development
Bhana	Arvin		OPP	M	I	MRC	Lifecourse Development
Brankovic	Jasmina		OPP	F	W	CSVR	Socio economic Development
Booyesen	Frikkie		Opp	M	W	UFS	Intergenerational Development
Bowman	Brett		Opp	M	W	Wits	Socio economic Development
Burger	Ronelle		Acc	F	W	Stellenbosch	Socio economic Development
Burnett	Rose	2019	OPP	F	W	SMU	Lifecourse Development
De Lannoy	Ariane		Acc	F	W	UCT	Socio economic Development
De Lannoy	Ariane		Acc	F	W	UCT	Socio economic Development
Delaney	Aislinn		Acc	F	W	UCT	Socio economic Development
Desmond	Chris		Acc	M	W	HSRC	Socio economic Development
Desmond	Chris		Acc	M	W	COE-HD/CLS	Transformational Development
de Wet	Nicole		Opp	F	C	Wits	Lifecourse Development
de Wet-Billings	Nicole		OPP	F	C	Wits	Socio economic Development
Draper	Catherine		Opp	F	W	UCT	Lifecourse Development
Draper	Catherine		Opp	F	W	UCT	Lifecourse Development
Edelstein	Ian		Acc	M	W	HSRC	Lifecourse Development
Farrell	Alfred	2019	OPP	M	W	WHC	Socio economic Development
Gastrow	Michael		Acc	M	W	HSRC	Socio economic Development
Gumede	Vusi		Opp	M	B	UNISA	Socio economic Development
Hochfeld	Tessa		OPP	F	W	UJ	Intergenerational Development
Hall	Katharine		Acc	F	W	UCT	Socio economic Development
Jamieson	Lucy		Acc	F	W	UCT	Lifecourse Development
Kahn	Kathleen	2019	OPP	F	W	Wits	Lifecourse Development
Kasese-Hara	Mambwe	2019	OPP	F	B	Wits	Socio economic Development
Kollampar-ambil	Umakrishnan	2019	OPP	F	I	Wits	Socio economic Development
Kunene-Nicolas	Ramona		Opp	F	B	Wits	Lifecourse Development
Lesch	Elmien		Acc	F	C	Stellenbosch	Socio economic Development
Makiwane	Monde		Acc	M	B	HSRC	Intergenerational Development
Makiwane	Monde		Acc	M	B	HSRC	Intergenerational Development
Makusha	Tawanda		Opp	M	B	HSRC	Transformational Development
Manderson	Lenore		Acc	F	W	Wits	Intergenerational Development
Mathews	Shanaaz		Opp	F	C	UCT	Socio economic Development
Mathews	Shanaaz		OPP	F	C	UCT	Socio economic Development
Micklesfield	Lisa		Opp	F	W	Wits	Lifecourse Development

Surname	First name	Year	Type	Gender	Race	Institution	Theme
Mkhwanazi	Nolwazi		Opp	F	B	Wits	Intergenerational Development
Mokomane	Zitha		Opp	F	B	UP	Socio economic Development
Moore	Elena		Acc	F	W	UCT	Intergenerational Development
Morgan	Barak		Opp	M	W	UCT	Lifecourse Development
Morison	Tracy		Opp	F	W	HSRC	Transformational Development
Nalubanga	Barbara		Opp	F	B	International Baby Food Action Network (IBFAN) Africa.	Lifecourse Development
Nduna	Mzikazi		Opp	F	B	Wits	Transformational Development
Nduna	Mzikazi		Acc	F	B	Wits	Transformational Development
Nduna	Mzikazi	2019	Acc	F	B	Wits	Transformational Development
Nebe	Warren		Opp	M	W	Wits	Socio economic Development
Nebe	Warren	2019	OPP	M	W		Socio economic Development
Ngcwangu	Siphelo		OPP	M	B	UJ	Socio economic Development
Norris	Shane		Str	M	W	Wits	Intergenerational Development
Norris	Shane		Opp	M	W	Wits	Intergenerational Development
Norris	Shane		Opp	M	W	Wits	Intergenerational Development
Odimegwu	Clifford		Opp	M	B	Wits	Intergenerational Development
Pillay	Jace		OPP	M	B	UJ	Socio economic Development
Pitman	Michael		Opp	M	W	Wits	Lifecourse Development
Posel, Dorrit	Dorrit		Acc	F	W	Wits	Socio economic Development
Pioreschi	Alessandra	2019	OPP	F	W	Wits	Lifecourse Development
Ratele	Kopano	2019	Acc	M	B	unisa	Transformational Development
Richter	Linda	2019	Str	F	W	Wits	Lifecourse Development
Roberts	Benjamin	2019	OPP	M	W	HSRC	Socio economic Development
Rochat	Tamsen		Opp	F	W	HSRC	Lifecourse Development
Rochat	Tamsen		Opp	F	W	HSRC	Lifecourse Development
Rochat	Tamsen		Acc	F	W	Wits	Lifecourse Development
Rochat	Tamsen		Acc	F	W	Wits	Lifecourse Development
Rugananan	Praga		Opp	F	I	UJ	Transformational Development
Said-Mohamed	Rihlat		Opp	F	C	Wits	Lifecourse Development
Said-Mohamed	Rihlat		ACC	F	C	Wits	Lifecourse Development
Swartz	Sharlene		Acc	F	W	HSRC	Transformational Development
Tomlinson	Mark		Opp	M	W	Stellenbosch	Lifecourse Development
Thomas	Kevin	2019	OPP	M	W	UCT	Socio economic Development
Uys	Tina		Opp	F	W	UJ	Socio economic Development
Valodia	Imraan		Acc	M	I	Wits	Socio economic Development
Van den Berg	Wessel		Acc	M	W	Sonke Gender Justice	Transformational Development
Van Heerden	Alistair		Acc	M	W	HSRC	Lifecourse Development
Von Fintel	Dieter		OPP	M	W	Stellenbosch	Lifecourse Development
Waterhouse	Samantha		Opp	F	W	UWC	Lifecourse Development

Appendix 4: Peer-reviewed publications

75 articles published (8 with impact factors of >5), 13 book chapters, 1 book, and an acknowledgement in one book

JOURNAL ARTICLES PUBLISHED

1. Ayeni, O. A., **Norris, S. A.**, Joffe, M., Cubasch, H., Nietz, S., Buccimazza, I., Singh, U., Čačala, S., Stopforth, L., Chen, W. C., McCormack, V. A., O'Neil, D. S., Jacobson, J. S., Neugut, A. I., Ruff, P., & Micklesfield, L. K. (2019). The multimorbidity profile of South African women newly diagnosed with breast cancer. *International Journal of Cancer*, ijc.32727. <https://doi.org/10.1002/ijc.32727> **High impact factor: 5.145**
2. **Bashonga, R.** (2020). Life has no #TriggerWarnings: Reflections on triggering in contexts of violence. *Feminist Theory, Epub*, 146470012091811. <https://doi.org/10.1177/1464700120918111> Post-graduate student
3. Bernard, J. Y., Rifas-Shiman, S. L., **Cohen, E.**, Lioret, S., de Lauzon-Guillain, B., Charles, M., Kramer, M. S., & Oken, E. (2019). Maternal religion and breastfeeding intention and practice in the US Project Viva cohort. *Birth, Epub*. <https://doi.org/10.1111/birt.12477> Postdoc fellow
4. **Bosire, E. N.** (2020). Patients' Experiences of Co-morbid HIV/AIDS and Diabetes Care and Management in Soweto, South Africa. *Qualitative Health Research, Epub*, 104973232096791. <https://doi.org/10.1177/1049732320967917> Post-graduate student
5. Bosire, E. N., Mendenhall, E., **Norris, S. A.**, & Goudge, J. (2020). Patient-Centred Care for Patients With Diabetes and HIV at a Public Tertiary Hospital in South Africa: An Ethnographic Study. *International Journal of Health Policy and Management, Epub*. http://www.ijhpm.com/article_3804.html
6. Casale, D., Desmond, C., & **Richter, L. M.** (2020). Catch-up growth in height and cognitive function: Why definitions matter. *Economics & Human Biology*, 37, 100853. <https://doi.org/10.1016/j.ehb.2020.100853>
7. **Chakona, G.** (2020). Social circumstances and cultural beliefs influence maternal nutrition, breastfeeding and child feeding practices in South Africa. *Nutrition Journal*, 19(1), 47. <https://doi.org/10.1186/s12937-020-00566-4> Postdoc fellow
8. **Chidumwa, G.**, **Said-Mohamed, R.**, **Nyati, L. H.**, Mpondo, F., Chikowore, T., Pioreschi, A., Kagura, J., Ware, L. J., Micklesfield, L. K., & **Norris, S. A.** (2020). Stunting in infancy, pubertal trajectories and adult body composition: The Birth to Twenty Plus cohort, South Africa. *European Journal of Clinical Nutrition, Epub*. <https://doi.org/10.1038/s41430-020-00716-1> Two post-graduate students & Grantee
9. **Chivasa, N.** (2020a). Anthropomorphisation of God, the 2018 presidential election outcome and political change in Zimbabwe. *Pharos Journal of Theology*, 101, 13. Post-graduate student
10. **Chivasa, N.** (2020). *Kutanda botso* ritual among the Shona people of Zimbabwe: How gender is reflected, sustained and re-created? *Gender and Behaviour*, 18(2), 15746–15754. Student
11. **Cohen, E.**, Ndao, A., Bernard, J. Y., Gueye, A., Duboz, P., Macia, E., Boëtsch, G., Pasquet, P., Holdsworth, M., & Gradidge, P. J.-L. (2020). Development and validation of the body shape scale (BOSHAS) for assessing body shape perception in African populations. *BMC Public Health*, 20(1), 1562. <https://doi.org/10.1186/s12889-020-09654-w> Postdoc fellow
12. **Cohen, E.**, **Richter, L. M.**, **Chidumwa, G.**, Abdalla, S., Weber, A. M., Darmstadt, G. L., & **Norris, S. A.** (2020). Relationships Between Maternal Factors and Weight Loss Attempts Among Urban Male and Female Adolescents Living in Soweto, Johannesburg, South Africa. *Journal of Adolescent Health*, 66(1), S17–S24. <https://doi.org/10.1016/j.jadohealth.2019.10.015> Postdoc fellow Post-graduate student
13. **Desai, R.**, Ruiter, R. A. C., Magan, A., Reddy, P. S., & Mercken, L. A. G. (2020). Social network determinants of alcohol and tobacco use: A qualitative study among out of school youth in South Africa. *PLOS ONE*, 15(10), e0240690. <https://doi.org/10.1371/journal.pone.0240690> Postdoc fellow
14. Desmond, C., Labuschagne, P., Cluver, L., Tomlinson, M., **Richter, L.**, Hunt, X., Marlow, M., & Welte, A. (2020). Modelling the impact of maternal HIV on uninfected children: Correcting current estimates. *AIDS Care*, 32(11), 1406–1414. <https://doi.org/10.1080/09540121.2020.1720587>
15. Dickson, L.M., Buchmann, E. J., Janse van Rensburg, C., & **Norris, S. A.** (2020). Fasting plasma glucose and risk factor assessment: Comparing sensitivity and specificity in identifying gestational diabetes in urban black African women. *South African Medical Journal*, 110(1), 21. <https://doi.org/10.7196/SAMJ.2019.v110i1.14089>
16. Dickson, L.M., Buchmann, E. J., & **Norris, S. A.** (2020). Women's accounts of the gestational diabetes experience – a South African perspective. *South African Journal of Obstetrics and Gynaecology*, 26(1), Article 1. <https://doi.org/10.7196/sajog.1534>

17. Dowdall, N., Melendez-Torres, G. J., Murray, L., Gardner, F., Hartford, L., & Cooper, P. J. (2020). Shared Picture Book Reading Interventions for Child Language Development: A Systematic Review and Meta-Analysis. *Child Development*, 91(2). <https://doi.org/10.1111/cdev.13225> Post-graduate student
18. Draper, C. E., Tomaz, S. A., Biersteker, L., Cook, C. J., Couper, J., de Milander, M., Flynn, K., Giese, S., Krog, S., Lambert, E. V., Liebenberg, T., Mendoza, C., Nunes, T., Pienaar, A., Priorieschi, A., Rae, D. E., Rahbeeni, N., Reilly, J. J., Reynolds, L., ... Okely, A. D. (2020). The South African 24-Hour Movement Guidelines for Birth to 5 Years: An Integration of Physical Activity, Sitting Behavior, Screen Time, and Sleep. *Journal of Physical Activity and Health*, 17(1), 109–119. <https://doi.org/10.1123/jpah.2019-0187> Grantee
19. Drysdale, R. E., Bob, U., & Moshabela, M. (2020). Socio-economic Determinants of Increasing Household Food Insecurity during and after a Drought in the District of Ilembe, South Africa. *Ecology of Food and Nutrition*, Epub. <https://doi.org/10.1080/03670244.2020.1783663> Affiliated to the CoE
20. Drysdale, R. E., Bob, U., & Moshabela, M. (2020). Coping through a drought: The association between child nutritional status and household food insecurity in the district of Ilembe, South Africa. *Public Health Nutrition*, 1–14. <https://doi.org/10.1017/S1368980020000105> Affiliated to the CoE
21. Drysdale, R. E., Moshabela, M., & Bob, U. (2020). 'A creeping phenomenon': The association between rainfall and household food insecurity in the district of Ilembe, KwaZulu-Natal. *Climate and Development*, Epub. <https://doi.org/10.1080/17565529.2020.1737795> Affiliated to the CoE
22. Edwards, T., Mkwana, N., Mitchell, J., Bland, R. M., & RoCHAT, T. J. (2020). Empowering parents for human immunodeficiency virus prevention: Health and sex education at home. *Southern African Journal of HIV Medicine*, 21(1), 13. <https://doi.org/10.4102/sajhivmed.v21i1.970> Postdoc fellow MANCO member
23. Essack, Z., Groenewald, C., & Van Heerden, A. (2020). 'It's like making your own alcohol at home': Factors influencing adolescent use of over-the-counter cough syrup. *South African Journal of Child Health*, 14(3), 144. <https://doi.org/10.7196/SAJCH.2020.v14i3.01712> Postdoc fellow
24. Gordon, S. (2020). The importance of being African: Public attitudes towards immigration selection in South Africa. *Commonwealth & Comparative Politics*, 1–22. <https://doi.org/10.1080/14662043.2020.1816667> Postdoc fellow
25. Gordon, S. L. (2020). Understanding xenophobic hate crime in South Africa. *Journal of Public Affairs*, Epub. <https://doi.org/10.1002/pa.2076> Postdoc fellow
26. Hayati Rezvan, P., Tomlinson, M., Christodoulou, J., Almirol, E., Stewart, J., Gordon, S., Belin, T. R., & Rotheram-Borus, M. J. (2020). Intimate Partner Violence and Food Insecurity Predict Early Behavior Problems Among South African Children over 5-years Post-Birth. *Child Psychiatry & Human Development*, Online. <https://doi.org/10.1007/s10578-020-01025-1> On previous MANCO/lead investigator
27. Heekes, S.-L., Kruger, C. B., Lester, S. N., & Ward, C. L. (2020). A Systematic Review of Corporal Punishment in Schools: Global Prevalence and Correlates. *Trauma, Violence, & Abuse*, 152483802092578. <https://doi.org/10.1177/1524838020925787> High impact factor: 6.325 Post-graduate student
28. Howard, S. J., Cook, C. J., Everts, L., Melhuish, E., Scerif, G., Norris, S., Twine, R., Kahn, K., & Draper, C. E. (2019). Challenging socioeconomic status: A cross-cultural comparison of early executive function. *Developmental Science*, 23(1), e12854. <https://doi.org/10.1111/desc.12854> Post-graduate student
29. Jaff, N. G., Rubin, L. H., Crowther, N. J., Norris, S. A., & Maki, P. M. (2020). Menopausal symptoms, menopausal stage and cognitive functioning in black urban African women. *Climacteric*, 23(1), 38–45. <https://doi.org/10.1080/13697137.2019.1646719>
30. Kelly, J. F., & Ward, C. L. (2020). Narratives of Gang Disengagement Among Former Gang Members in South Africa. *Criminal Justice and Behavior*, 009385482094960. <https://doi.org/10.1177/0093854820949603> Post-graduate student
31. Khambule, L., Snyman, T., Norris, S. A., Crowther, N. J., & George, J. A. (2020). Branched-chain and aromatic amino acids and cardiometabolic risk in Black African and Asian Indian populations. *Metabolomics*, 16(10), 108. <https://doi.org/10.1007/s11306-020-01734-7>
32. Khumalo, S., Taylor, M., Makusha, T., & Mabaso, M. (2020). Intersectionality of cultural norms and sexual behaviours: A qualitative study of young Black male students at a university in KwaZulu-Natal, South Africa. *Reproductive Health*, 17(1), Epub. <https://doi.org/10.1186/s12978-020-01041-3> Grantee
33. Kitsao-Wekulo, P., Donfouet, H. P. P., Onyango, S., Wanjoyi, M., Sen, D., Frey, M., Erhard, L., Baral, R., Obong'o, C., Kadenge, O., Oyugi, B., Rachel Kavithe, Omedo, D., Abubakar, A., Mwoma, T., Kabaka, S., Tomlinson, M., Richter, L., Engmann, C., & Kimani-Murage, E. (2020). Evaluation of the feasibility and effectiveness of a health facility-based combined with home-based early childhood development intervention in Siaya County, Kenya: A cluster-randomized control trial. *International Journal of Clinical Trials*, 7(3), 200–211. <https://doi.org/10.18203/2349-3259.ijct20203107> On previous MANCO/lead investigator
34. Le Roux, K. W., Christodoulou, J., Davis, E. C., Katzen, L. S., Dippenaar, E., Tomlinson, M., & Rotheram-Borus, M. J. (2020). Maternal and child health outcomes in rural South African mothers living with and without HIV. *AIDS Care*, 32(4), 452–461. <https://doi.org/10.1080/09540121.2019.1679706> On previous MANCO/lead investigator
35. Linnér, A., Westrup, B., Lode-Kolz, K., Klemming, S., Lillieskold, S., Markhus Pike, H., Morgan, B., Bergman, N. J., Rettedal, S., & Jonas, W. (2020). Immediate parent-infant skin-to-skin study (IPISTOSS): Study protocol of a randomised controlled trial on very preterm infants cared for in skin-to-skin contact immediately after birth and potential physiological, epigenetic, psychological and neurodevelopmental consequences. *BMJ Open*, 10(7), e038938. <https://doi.org/10.1136/bmjopen-2020-038938> On previous MANCO/lead investigator
36. Lu, C., Cuartas, J., Fink, G., McCoy, D., Liu, K., Li, Z., Daelmans, B., & Richter, L. (2020). Inequalities in early childhood care and development in low/middle-income countries: 2010–2018. *BMJ Global Health*, 5(2). <https://doi.org/10.1136/bmjgh-2020-002314> CoE Fellow
37. Lund, C., Schneider, M., Garman, E. C., Davies, T., Munodawafa, M., Honikman, S., Bhana, A., Bass, J., Bolton, P., Dewey, M., Joska, J., Kagee, A., Myer, L., Petersen, I., Prince, M., Stein, D. J., Tabana, H., Thornicroft, G., Tomlinson, M., ... Susser, E. (2020). Task-sharing of psychological treatment for antenatal depression in Khayelitsha, South Africa: Effects on antenatal and postnatal outcomes in an individual randomised controlled trial. *Behaviour Research and Therapy*, 130, 103466. <https://doi.org/10.1016/j.brat.2019.103466> On previous MANCO/lead investigator
38. Machiwenyika, M. R., & Munatswa, E. T. (2020). The paradox of free access to maternal health: The two-fold narrative of pregnant migrant women in Johannesburg. *Southern African Journal of Public Health*, 4(1), 4–9. <https://doi.org/10.7196/SHS.2020.v4i1.105> Post-graduate student
39. Makiwane, M., Alubafi, M. F., & Gumede, N. A. (2020). Understanding and Evaluating Older Persons Services: The Case of the Gauteng Province, South Africa. *Journal of Population Ageing*, Epub. <https://doi.org/10.1007/s12062-020-09288-1> Affiliated to the CoE Postdoc fellow
40. Makusha, T., van Rooyen, H., & Cornell, M. (2020). Reframing the approach to heterosexual men in the HIV epidemic in sub-Saharan Africa. *Journal of the International AIDS Society*, 23(S2), e25510. <https://doi.org/10.1002/jia2.25510> High impact factor: 5,552 Grantee
41. Malatji, H., Dube, N., & Nkala-Dlamini, B. (2020). "Every time when I make a mistake in class, educators would say, you baby mama you must keep quiet": Challenges confronting teenage mothers when re-engaging with secondary school education in a Johannesburg secondary school, South Africa. *Journal of Human Behavior in the Social Environment*, 30(3), 306–318. <https://doi.org/10.1080/10911359.2019.1682100> Two post-graduate students
42. Manderson, L., & Wahlberg, A. (2020). Chronic Living in a Communicable World. *Medical Anthropology*, Epub, 1–12. <https://doi.org/10.1080/01459740.2020.1761352> Grantee
43. May, A. K., Norris, S. A., Richter, L. M., & Pitman, M. M. (2020). A psychometric evaluation of the Highly Sensitive Person Scale in ethnically and culturally heterogeneous South African samples. *Current Psychology*. <https://doi.org/10.1007/s12144-020-00988-7>
44. McGowan, C. J., & Norris, S. A. (2020). Associations of early-life growth with health using an allostatic load score in young, urban African adults: Birth to Twenty Plus Cohort. *Journal of Developmental Origins of Health and Disease*, 11(4), 360–368. <https://doi.org/10.1017/S2040174419000667>
45. Menyanu, E. K., Corso, B., Minicuci, N., Rocco, I., Russell, J., Ware, L. J., Biritwum, R., Kowal, P., Schutte, A. E., & Charlton, K. E. (2020). Salt and potassium intake among adult Ghanaians: WHO-SAGE Ghana Wave 3. *BMC Nutrition*, 6(1), 54. <https://doi.org/10.1186/s40795-020-00379-y> Affiliated to the CoE
46. Momberg, D. J., Mahlangu, P., Ngandu, B. C., May, J., Norris, S. A., & Said-Mohamed, R. (2020). Intersectoral (in)activity: Towards an understanding of public sector department links between water, sanitation and hygiene (WASH) and childhood undernutrition in South Africa. *Health Policy and Planning*, epub, 1–13. <https://doi.org/10.1093/heapol/czaa028> Grantee
47. Momberg, D. J., Ngandu, B. C., Voth-Gaeddert, L. E., Ribeiro, K. C., May, J., Norris, S. A., & Said-Mohamed, R. (2020). Water, sanitation and hygiene (WASH) in sub-Saharan Africa and associations with undernutrition, and governance in children under five years of age: A systematic review. *Journal of Developmental Origins of Health and Disease*, Epub. <https://doi.org/10.1017/S2040174419000898> Grantee
48. Momberg, D. J., Voth-Gaeddert, L. E., Ngandu, B. C., Richter, L., May, J., Norris, S. A., & Said-Mohamed, R. (2020). Water, sanitation, and hygiene (WASH) factors associated with growth between birth and 1 year of age in children in Soweto, South Africa: Results from the Soweto Baby WASH study. *Journal of Water and Health*, 18(5), 798–819. <https://doi.org/10.2166/wh.2020.085> Grantee

49. **Murray, A. J., & Durrheim, K.** (2020). Maintaining the Status Quo through Repressed Silences: The Case of Paid Domestic Labour in Post-Apartheid South Africa. *Sociology, Epub ahead of publication*. <https://doi.org/10.1177/0038038520943103> Student
50. Murray, A. L., Kaiser, D., Valdebenito, S., Hughes, C., Baban, A., Fernando, A. D., Madrid, B., Ward, C. L., Osafo, J., Dunne, M., Sikander, S., Walker, S., Van Thang, V., **Tomlinson, M.**, & Eisner, M. (2020). The Intergenerational Effects of Intimate Partner Violence in Pregnancy: Mediating Pathways and Implications for Prevention. *Trauma, Violence, & Abuse*, 21(5), 964–976. <https://doi.org/10.1177/1524838018813563> **High impact factor 6.325** On previous MANCO/lead investigator
51. Nicolaou, V., Soepnel, L., Huddle, K. R., Levitt, N., Klipstein-Grobusch, K., & **Norris, S. A.** (2020). Maternal and neonatal outcomes following the introduction of oral hypoglycaemic agents for gestational diabetes mellitus were comparable to insulin monotherapy in two historical cohorts. *South African Medical Journal*, 110(2), 154. <https://doi.org/10.7196/SAMJ.2020.v110i2.14024>
52. Ngandu, C. B., Momberg, D., Magan, A., Chola, L., **Norris, S. A.**, & **Said-Mohamed, R.** (2020). The association between household socio-economic status, maternal socio-demographic characteristics and adverse birth and infant growth outcomes in sub-Saharan Africa: A systematic review. *Journal of Developmental Origins of Health and Disease*, 11, 317–334. <https://doi.org/10.1017/S2040174419000680> Grantee
53. **Nyati, L. H.**, Pettifor, J. M., Ong, K. K., & **Norris, S. A.** (2020). Adolescent growth and BMI and their associations with early childhood growth in an urban South African cohort. *American Journal of Human Biology, Epub*. <https://doi.org/10.1002/ajhb.23469> Post-graduate student
54. **Pillay, N.** (2020). Kinship capital: Young mothers, kinship networks and support in urban South Africa. *Social Dynamics*, 1–19. <https://doi.org/10.1080/02533952.2020.1804120> (Grantee was L. Manderson, not listed as paper author but the grant is acknowledged)
55. Pillay, N., **Manderson, L.**, & **Mkhwanazi, N.** (2020). Conflict and care in sexual and reproductive health services for young mothers in urban South Africa. *Culture, Health & Sexuality*, 22(4), 459–473. <https://doi.org/10.1080/13691058.2019.1606282> Grantees
56. **Prioreschi, A.**, **Wrottesley, S.V.**, Slemming, W., Cohen, E., & **Norris, S. A.** (2020). A qualitative study reporting maternal perceptions of the importance of play for healthy growth and development in the first two years of life. *BMC Pediatrics*, 20(1), 428. <https://doi.org/10.1186/s12887-020-02321-4> Two Postdoc fellows
57. **Redinger, S.**, Pearson, R. M., Houle, B., Norris, S. A., & **Rochat, T. J.** (2020). Antenatal depression and anxiety across pregnancy in urban South Africa. *Journal of Affective Disorders*, 277, 296–305. <https://doi.org/10.1016/j.jad.2020.08.010> Student
58. **Richter, L.**, **Slemming, W.**, **Norris, S. A.**, Stein, A., Poston, L., & Pasupathy, D. (2020). Healthy Pregnancy, Healthy Baby: Testing the added benefits of pregnancy ultrasound scan for child development in a randomised control trial. *Trials*, 21(25). <https://doi.org/10.1186/s13063-019-3924-0> Grantee
59. **Richter, L. M.**, Cappa, C., Issa, G., Lu, C., Petrowski, N., & **Naicker, S. N.** (2020). Data for action on early childhood development [COMMENT]. *The Lancet*, 396(10265), P1784–P1786. [https://doi.org/10.1016/S0140-6736\(20\)32482-X](https://doi.org/10.1016/S0140-6736(20)32482-X) **High impact factor: 60.392**
60. **Richter, L.M.**, Ghent, L., Issa, G. M., Okengo, L., & Santiago, E. (2020). Guidance for the health sector to partner with parents and families for early childhood development [COMMENT]. *The Lancet*, 395(10226), 766–768. [https://doi.org/10.1016/S0140-6736\(20\)30465-7](https://doi.org/10.1016/S0140-6736(20)30465-7) **High impact factor: 60.392**
61. **Richter, L. M.**, Orkin, F. M., Adair, L. S., Kroker-Lobos, M. F., Mayol, N. L., Menezes, A. M. B., Martorell, R., Murray, J., Stein, A. D., & Victora, C. (2020). Differential influences of early growth and social factors on young children’s cognitive performance in four low-and-middle-income birth cohorts (Brazil, Guatemala, Philippines, and South Africa). *SSM - Population Health*, 12(100648), 1–9. <https://doi.org/10.1016/j.ssmph.2020.100648>
62. Tol, W. A., Greene, M. C., Lasater, M. E., Roch, K. L., Bizouerne, C., Purgato, M., **Tomlinson, M.**, & Barbui, C. (2020). Impact of maternal mental health interventions on child-related outcomes in low- and middle-income countries: A systematic review and meta-analysis. *Epidemiology and Psychiatric Sciences*, 29. <https://doi.org/10.1017/S2045796020000864> **Impact factor 5.876** On previous MANCO/lead investigator
63. Tomaz, S. A., Hinkley, T., Jones, R. A., Twine, R., Kahn, K., **Norris, S. A.**, & Draper, C. E. (2020). Objectively Measured Physical Activity in South African Children Attending Preschool and Grade R: Volume, Patterns, and Meeting Guidelines. *Pediatric Exercise Science*, 1–7. <https://doi.org/10.1123/pes.2019-0216>
64. **Tomaz, S. A.**, Hinkley, T., Jones, R. A., Watson, E. D., Twine, R., Kahn, K., Norris, S. A., & Draper, C. E. (2020). Screen Time and Sleep of Rural and Urban South African Preschool Children. *International Journal of Environmental Research and Public Health*, 17(15), 5449. <https://doi.org/10.3390/ijerph17155449> Grantee
65. Tomaz, S.A., Jones, R. A., Hinkley, T., Twine, R., Kahn, K., **Norris, S. A.**, & Draper, C. E. (online in 2019, published in 2020). Physical activity in early childhood education and care settings in a low-income, rural South African community: An observational study. *Rural and Remote Health*, 19(4), 5249. <https://doi.org/10.22605/RRH5249> Not reported in 2019
66. Tomlinson, M., Hunt, X., **Watt, K.**, **Naicker, S.**, & **Richter, L.** (2020). Programmatic guidance for interventions to improve early childhood development in high HIV burden countries: A narrative review. *Vulnerable Children and Youth Studies*, 15, 289–306. Affiliated to the CoE
67. Trude, A. C. B., **Richter, L. M.**, Behrman, J. R., Stein, A. D., Menezes, A. M. B., & Black, M. M. (2020). Effects of responsive caregiving and learning opportunities during pre-school ages on the association of early adversities and adolescent human capital: An analysis of birth cohorts in two middle-income countries. *The Lancet Child & Adolescent Health*, 5(1), 37–46. [https://doi.org/10.1016/S2352-4642\(20\)30309-6](https://doi.org/10.1016/S2352-4642(20)30309-6) **High impact factor 8.543**
68. Wray, C., Kowalski, A., **Mpondo, F.**, Ochaeta, L., Belleza, D., DiGirolamo, A., Walford, R., **Richter, L.**, Lee, N., Scerif, G., Stein, A. D., Stein, A., & COHORTS. (2020). Executive functions form a single construct and are associated with schooling: Evidence from three low- and middle- income countries. *PLOS ONE*, 15(11), e0242936. <https://doi.org/10.1371/journal.pone.0242936>
69. **Wrottesley, S. V.**, Prioreschi, A., Kehoe, S. H., Ward, K. A., & **Norris, S. A.** (2019). A maternal “mixed, high sugar” dietary pattern is associated with fetal growth. *Maternal & Child Nutrition*, 16(2), e12912. <https://doi.org/10.1111/mcn.12912> Postdoc fellow
70. **Wrottesley, S. V.**, **Prioreschi, A.**, & **Norris, S. A.** (2020). The association between fetal growth and neonatal adiposity in urban South African infants. *Pediatric Obesity, Epub*. <https://doi.org/10.1111/ijpo.12737> Two Postdoc fellows
71. **Wrottesley, S. V.**, **Prioreschi, A.**, Slemming, W., Cohen, E., Dennis, C.-L., & **Norris, S. A.** (2020). Maternal perspectives on infant feeding practices in Soweto, South Africa. *Public Health Nutrition, Epub*. <https://doi.org/10.1017/S1368980020002451> Two Postdoc fellows
72. **Xaba, M. B.** (2020). South African land restitution and development: The capabilities approach to an understanding of the Macleantown and Salem restitution projects in the Eastern Cape. *Transformation: Critical Perspectives on Southern Africa*, 102(1), 49–72. <https://doi.org/10.1353/trn.2020.0002> Post-graduate student
73. Yoshikawa, H., Wuermli, A. J., Britto, P. R., Dreyer, B., Leckman, J. F., Lye, S. J., Ponguta, L. A., **Richter, L. M.**, & Stein, A. (2020). Effects of the Global COVID-19 Pandemic on Early Childhood Development: Short- and Long-Term Risks and Mitigating Program and Policy Actions [COMMENTARY]. *The Journal of Pediatrics*, 223, 188–193. <https://doi.org/10.1016/j.jpeds.2020.05.020>

BOOKS which include acknowledgement of the CoE

1. **Langa, M.** (2020). *Becoming Men: Black masculinities in a South African township*. NYU Press. MANCO member

BOOKS which received funding from the CoE and which funding is acknowledged in the book

1. **Mkhwanazi, N.**, & **Manderson, L.** (Eds.). (2020). *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees

BOOK CHAPTERS

74. **Bashonga, R.** (2020). Home, Belonging and Africanity in the Film Black Panther. In S. Swartz, A. Cooper, C. M. Batan, & L. Kropff Causa (Eds.), *The Oxford Handbook of Global South Youth Studies*. Oxford University Press. <https://doi.org/10.1093/oxford-hb/9780190930028.013.19> Student
1. **Gordon, S. L.** (2020). Knowledge, the Media and Anti-immigrant Hate Crime in South Africa: Where Are the Connections? In D. Moyo & S. Mpofu (Eds.), *Mediating Xenophobia in Africa* (pp. 99–116). Palgrave Macmillan. https://doi.org/10.1007/978-3-030-61236-8_5 Postdoc fellow
2. **Makiwane, M.**, & **Gumede, N. A.** (2020). Distance and duality: Migration, family and the meaning of home for Eastern Cape migrants. In L. J. Bank, D. Posel, & F. Wilson (Eds.), *Migrant labour after Apartheid: The inside story*. HSRC Press. Grantees
3. **Makiwane, M.**, **Gumede, N. A.**, & Makiwane, M. (2020). Case Study 6.1 Healthy aging in How Families Age chapter. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
4. **Manderson, L.** (2020). Case Study 6.2 Caring, communities and poverty in How Families Age chapter. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantee

5. **Manderson, L., & Mkhwanazi, N.** (2020a). Everyday Care and Illness. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
6. **Manderson, L., & Mkhwanazi, N.** (2020b). Family Structures and Everyday Relationships of Care. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
7. **Manderson, L., & Mkhwanazi, N.** (2020c). How Families Age. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
8. **Manderson, L., & Mkhwanazi, N.** (2020d). How Men Care. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
9. **Mkhwanazi, N., & Manderson, L.** (2020a). Families, Care and Support. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees

10. **Mkhwanazi, N., & Manderson, L.** (2020b). Family Keeping. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press.
11. **Mkhwanazi, N., & Manderson, L.** (2020c). Making Families. In N. Mkhwanazi & L. Manderson (Eds.), *Connected lives: Families, households, health and care in South Africa*. HSRC Press. Grantees
12. **Xaba, M. B.** (2020). South African Land Question and the Dilemma of Land Expropriation Without Compensation: A Critical Examination. In A. O. Akinola, I. Kaseeram, & N. N. Jili (Eds.), *The New Political Economy of Land Reform in South Africa* (pp. 79–99). Palgrave Macmillan. https://doi.org/10.1007/978-3-030-51129-6_5 Post-graduate student

Appendix 5: Our Students 2020

First name	Surname	Current title of research/ thesis/ dissertation	Institution	Supervisor/ Mentor
Thuto	Bodibe	A Growing Health Concern: Non - Communicable Diseases: Knowledge, Attitudes And Practices Towards The Prevention Of Cervical Cancer In Women Living In Soweto.	SMU	Prof Hanellie Meyer
Senamile	Dludla	Effects Of Petrol Price Increase On The Local Economy	TUT	Proffesor Mario Scerri
Marleine	Gikuni	Entrepreneurial Immigrant Trading In South African Development	TUT	Dr J.P Grundling
Bongiwe Angel	Khoza	The Role Of Innovation On Small, Medium And Micro Enterprises In South Africa	TUT	Prof Mario Scerri
Khutso	Maela	Public Participation As A Strategy To Promote Good Governance In Local Government:The Case Of Blouberg Local Municipality	UV	Dr. Ephraim Mahole
Emmanuel	Maemu	The Role Of Community Participation In The Delivery Of Basic Services	UV	Dr Mutshutshu Miche-al Nekhavhambe
Elizabeth	Masiakwala	"The Effect Of Early Childhood Growth Trajectories On Nutritional Status And Body Composition At 2 Years Of Age	Wits	Mr Lukhanyo Nyati
Paballo	Mataboge	Assessing The Levels And Factors Associated With Family Formation Among HIV Positive Youth In South Africa.	Wits	
Irene	Mauluke	Factors Influencing Attrition From A One-Year Postpartum Lifestyle Intervention For Women Experiencing Diabetes In Pregnancy.	Wits	Dr Lisa Ware
Ntombikayise Non-tokozo	Mkhonto	An Exploration On The Expression Of Women's Emotions Through Emaswati Songs	UV	Dr. Pe Matshidze
Lutricia	Moagi	Barriers, Facilitators, And Knowledge Around Exclusive Breastfeeding Amongst Soweto Women Of Different Socio-Economic Status And Nutritional Status Of Their Infants At 6 Months	Wits	Dr Rihlat Said-Mohamed
Gontse	Molelekeng-Adeniran	Tripartite Relations In The Age Of Technology: Innovation Or Stagnation In Responding To The Wave Of Opportunity	UJ	Prof Lauren Graham
Matsepheo Puleng Faith	Molotsi	How The Traditional And Historical Architecture Way Of Building Public Schools Affects And Impacts The Development And Upbringing Of The Black Girl Child.	TUT	Mr Stephen Steyn

First name	Surname	Current title of research/ thesis/ dissertation	Institution	Supervisor/ Mentor
Monica	Muti	Relationship Of Diet And Physical Activity With Genetic Susceptibility To Obesity: A Longitudinal Analysis In Adults In South Africa	Wits	
Nthabiseng Fortunate	Rakgotho	The Relationship Between Innovation And Economic Development In South Africa.	TUT	Ms S Ncube
Tayla Cleo	Rosslee	The Relationship Between Adolescents' Knowledge Of Climate Change, Perceived Risk And Psychosocial Wellbeing	Wits	Prof Adri Vorster
Thivhonali Hilton	Shibambu	Assessment Of The Spatio-Temporal Impacts Of Land Use Activities On Water Quality Of The Luvuvhu River Catchment, Limpopo River Basin, South Africa	UV	Dr JOSHUA NOSA EDOKPAYI
Tshedza	Sikhwari	An Investigation Of Bilateral Relations Between South Africa And China: Trade And Industry Agreement	UV	Prof Ricahrd Molapo
Lebohang Zinhle	Thokwane	Adult health outcomes in South Africa: a longitudinal analysis of the causes of disease among rural-rural migrants	Wits	Prof Nicole De Wet
Tanganedzani	Tshitavhe	Effects of Climate Variability on Citrus Production and Rural Livelihoods in Mopani District Municipality, South Afric	UV	Mr E Kori
Ranganai	Chidembo	Harnessing Sustainable Energy Technologies: Policies, Barriers, and Prospects for Sustainable Rural Energy Access in Vhembe District, South Africa	UV	Dr. S. Kativhu
Sinakelewe	Khumalo	Exploring how cultural norms associated with sexuality and masculinity influence sexual behaviour among Black South African male students at University	HSRC	Dr Musawenkosi LH Mabaso
Bridgett	Lekota	Determining Reading Comprehension Competencies of First Entering English	UL	Dr Lucia Ngoepe
Matamela	Makongoza	Young women's accounts of intimate partner violence in cohabiting relationships in the Vhembe District, Limpopo Province	Wits	Prof Mzikazi Nduna
Sandile	Mtethwa	Youth Headmanship and Household Food and Nutrition Security in South Africa: The Role of Social Grants and Youth Entrepreneurshi	UKZN	Prof. Edilegnaw Wale Zegeye
Marifa	Muchemwa	Social Protection Policies and Demographic Outcomes in South Africa	Wits	Professor Clifford Odimegwu

First name	Surname	Current title of research/ thesis/ dissertation	Institution	Supervisor/ Mentor
Gudani	Mukoma	From the onset: Nutrition and Lifestyle during the Preconception Period and Impact on Future Health	Wits	Prof Shane Norris
Joseph Toutou Muka	Mundadi	FOOD WASTE REDUCTION STRATEGIES FOR SUSTAINABLE FOOD SECURITY IN SOUTH AFRICA: INVESTIGATING THE ROLE OF RELIGIOUS LEADERS	UV	Prof Suzan Oelofse
Daniel	Radebe	Negotiating masculinity and rape victimization: Exploring Male Rape Victims' Experiences with Psychosocial Support, Criminal Justice System, Masculinity and Performances of Gender and Sexual Identity Pre/Post-Sexual Violence	UNISA	Prof Kopano Ratele
Jill Chidisha	Samukimba	Fathering, Customary Practices and Relational Power: Theoretical explorations of power and family negotiations Fathering, Customary Practices and Relational Power: Theoretical explorations of power and family negotiations	UCT	Prof Elena Moore
Enoch	Sithole	Climate Change Communication in South Africa	Wits	Dr Bob Wekesa
Leballo Stephen	Tjemolane	Embracing and resisting 'democratic' masculinity/ies in post-apartheid South Africa within the context of religion.	UWC	Profs Kopano Ratele
Esmerelda	Vilanculos	Healing in father-son relationships: Forgiveness and reconciliation	Wits	Dr Malose Langa
Rachana	Desai	Cyberbullying among South African adolescents in Soweto	Wits	Prof Tamsen Rochat
Roisin	Drysdale	Child Growth during a Global Pandemic: Assessing the Indirect Effects of SARS-CoV-2 on Young Children Living in Soweto, South Africa	Wits	Prof Linda Richter
Dumo	Mkwanazi	Children's experience of participation in the Amagugu parental disclosure intervention	Wits	Prof Tamsen Rochat
Feziwe	Mpondo	The relationship between parent and adolescent mental health disorders	Wits	Prof Tamsen Rochat
Stephanie	Wrottesley	The importance of nutrition and responsive parenting in nurturing care environments, and associations with early childhood growth and development	Wits	Prof Shane Norris

Appendix 6: Student Publications 2020

Rachana Desai

Journals in Press

Desai R, Ruiter RAC, Magan A, Reddy SP, & Mercken LAG (2020). Social network determinants of alcohol, tobacco use among South African out of school youth., Plos One [in press]

Journals in Prep

Authors: Desai R, Ruiter RAC, Magan A, Reddy SP, & Mercken, LAG. Title: *Understanding why youth drop out of school in South Africa* Status: Submitted; Journal: Plos One; Submission: 20th May 2020, still finding reviewers

Authors: Desai R, Mpondo F, RoCHAT T. Title: *A qualitative exploration of early adolescents' access to information communication technology and the helpful and harmful practices associated with it.* Status: full draft complete, waiting for co-authors comments; Journal: Journal of Adolescent Health

Authors: Desai R, Mpondo F, RoCHAT T. Title: *Cyberbullying in Africa: recommendations for prevention policy and practice during COVID-19 (preliminary title)* Status: Literature review in progress; Journal: British Journal of Psychiatry

Roisin Drysdale

Journals in Press

Drysdale, R. E., Bob, U. & Moshabela, M. (2020). Socio-economic determinants of increasing household food insecurity during and after a drought of iLembe, South Africa. *Ecology of Food and Nutrition*, Online. doi: 10.1080/03670244.2020.1783663.

Drysdale, R. E., Bob, U. & Moshabela, M. (2020). Coping through a drought: The association between child nutritional status and household food insecurity in the district of iLembe, South Africa. *Public Health Nutrition*, Online. doi: 10.1017/s1368980020000105.

Drysdale, R. E., Moshabela, M. & Bob, U. (2020). 'A creeping phenomenon': The association between rainfall and household food security in the district of iLembe, KwaZulu-Natal. *Climate and Development*, Online. doi: 10.1080/17565529.2020.1737795

Journals in Prep

Drysdale, R. E., Slemming, W., Makhusa, T. & Richter, L. M. (2020). Fathers' experiences of early pregnancy ultrasounds in Soweto, South Africa: The Healthy Pregnancy, Healthy Bay Study. *The South African Journal of Child Health*. (Under Review).

Drysdale, R. E., Slemming, W., Makhusa, T., & Richter, L.M. (2020). Father involvement, maternal depression and child nutrition in Soweto, South Africa: 6-week follow up in the Healthy Pregnancy Healthy Baby Study. *Maternal and Child Nutrition*. (Under Review).

Slemming, W., Drysdale, R. E. & Richter, L. M. (2020). An opportunity during antenatal services to strengthen nurturing care: Global and national recommendations for routine ultrasound before 24 weeks gestations. *Frontiers*. (Under Review).

Dumo Mkwanazi

Journals in Press

Edwards, Taygen, Mkwanazi, Ntombizodumo, Mitchell, Joanie, Bland, Ruth M., & RoCHAT, Tamsen J.. (2020). Empowering parents for human immunodeficiency virus prevention: Health and sex education at home. *Southern African Journal of HIV Medicine*, 21(1), 1-13. <https://dx.doi.org/10.4102/sajhivmed.v21i1.970>

Journals in Prep

Mkwanazi, Ntombizodumo, Watt, Kathryn, Ewing, Deborah, Ndinda, Catherine & Desmond Chris. Limehill: A case study half a century after forced removals in South Africa (under revision for the *Social Dynamics Journal*)

International webinar

Presenters: Mkwanazi, Ntombizodumo, Coutoudis Anna, Reimers, Penny, Slemming, Wiedaard, & Flynn Kamesh; Title: Is COVID-19 threatening breastfeeding and early childhood development? Date: 18 August 2020

Feziwe

Mpondo

Journals in Press

Stunting in infancy, pubertal trajectories and adult body composition: the Birth to Twenty Plus cohort, South Africa. *European Journal of Clinical Nutrition*. Authors: G. Chidumwa, R. Said-Mohamed, F. Mpondo, L. Nyati, T. Chikowore, A. Prioreschi, J. Kagura, L. J. Ware & S. A. Norris

Journals in Prep

Parent and adolescent perspectives and understandings of consenting, storage and future-use of biological materials in a low-income setting of South Africa. Target journal: *Health Policy and Planning* Mpondo F., Desai R., Ware, L.J., Norris, S.A., & RoCHAT T.J.

Assessing measures of psychological wellbeing among young urban South African adults in the Birth to Twenty Plus cohort. Mpondo, F., Wray, C., Norris, S., Stein, A.D., Stein, A & Richter, L. Target journal: *African journal of psychological assessment*.

Executive functions form a single construct and are associated with schooling: evidence from three low- and middle- income countries. Target journal: *Plos One*. C. Wray; A. Kowalski, F. Mpondo, L. Ochaeta; D. Belleza, A. DiGirolamo, R. Waford; L. Richter; N. Lee; G. Scerif; A. D. Stein & A. Stein

Psychometric Analyses of a Stress Scale for Adults Living in Soweto, South Africa. A. W. Kim, F. Mpondo, E. Mendenhall & A. Tsai (Under revision: *Social Science and Medicine*).

Leveraging large low-income samples to measure executive functions: contrasting speed and accuracy-based approaches. Target journal: *Behaviour Research Methods*. C. Wray, A. Kowalski, F. Mpondo, L. Ochaeta, D. Belleza, A. DiGirolamo, R. Waford, L. Richter, N. Lee, G. Scerif, A. Stein, A. D. Stein.

An intervention to enhance psychological wellbeing and healthy sexual behaviours among South African rural women. F. Mpondo, R.A.C. Ruiter, B. van den Borne and P.S. Reddy (To be resubmitted to a new journal)

Stephanie Wrottesley

Journals in Print

Wrottesley, S. V., Prioreschi, A., Kehoe, S. H., Ward, K. A., & Norris, S. A. (2020). A maternal "mixed, high sugar" dietary pattern is associated with fetal growth. *Maternal & Child Nutrition*, 16(2), e12912. <https://doi.org/10.1111/mcn.12912>

Prioreschi, A., Wrottesley, S. V., Said-Mohamed, R., Nyati, L., Newell, M.-L., & Norris, S. A. (2020). Understanding how maternal social and biological factors are related to fetal growth in an urban South African cohort. *Journal of Developmental Origins of Health and Disease*, 1–9. <https://doi.org/10.1017/S2040174420000045>

Prioreschi, A., Wrottesley, S. V., & Norris, S. A. (2020). Physical activity levels, food insecurity and dietary behaviours in women from Soweto, South Africa. *Journal of Community Health*. <https://doi.org/10.1007/s10900-020-00861-5>

Wrottesley, S. V., Prioreschi, A., Slemming, W., Cohen, E., Dennis, C.-L., & Norris, S. A. (2020). Maternal perspectives on infant feeding practices in Soweto, South Africa. *Public Health Nutrition*, 1–13. <https://doi.org/10.1017/S1368980020002451>

Prioreschi, A., Wrottesley, S. V., Slemming, W., Cohen, E., & Norris, S. A. (2020). A qualitative study reporting maternal perceptions of the importance of play for healthy growth and development in the first two years of life. *BMC Pediatrics*, 20(1), 428. <https://doi.org/10.1186/s12887-020-02321-4>

Wrottesley, S. V., Prioreschi, A., & Norris, S. A. (2020). The association between fetal growth and neonatal adiposity in urban South African infants. *Pediatric Obesity*, e12737. <https://doi.org/10.1111/ijpo.12737>

Journals in Press

Wrottesley, S.V., Prioreschi, A., Adair, L., Ward, K.A., & Norris, S.A. The triple burden of obesity, HIV and anaemia during pregnancy and associations with delivery outcomes in urban South Africans (in review: *Maternal and Child Health*)

Kehoe, S.H., * Wrottesley, S. V., * Ware, L., Prioreschi, A., Draper, C., Ward, K.A., Lye, S., & Norris, S.A. Food insecurity, diet quality and body composition: data from the Healthy Life Trajectories Initiative pilot survey in urban Soweto, South Africa (*Joint first authors; in review: *Public Health Nutr.*)

Wrottesley, S.V., Stacey, N., Mukoma, G., Hofman, K.J., & Norris, S.A. Assessing sugar-sweetened beverage intakes, added sugar intakes and body mass index before and after the implementation of a sugar-sweetened beverage tax in South Africa (in review: *Public Health Nutr.*)

Journals in Prep

Wrottesley, S.V., Pearson, R., & Prioreschi, A. The headcam caregiver-infant interaction assessment tool: testing the feasibility and acceptability in Soweto, South Africa using participatory engagement (to be submitted by end October 2020)

Wrottesley, S.V., Shivappa, N., Prioreschi, A., Hébert, J.R., & Norris, S.A. Maternal inflammatory diet and the association with gestational weight gain and delivery outcomes in urban South Africans (to be submitted by end October 2020)

Predictors of preconception health knowledge among women: A nationwide cross-sectional study.

Preconception physical activity in Canadian women

The meaning of a young woman's sexual and reproductive health rights in modern day SA

In a monograph supported by the CoE-HUMAN, adolescent girls' and young women's sexual risk is explored in a post-slavery, post-colonial and post-apartheid era. Thus, interventions to support girls and young women should address patriarchy, decolonisation, and most importantly promote diversity of choices.

While educational and employment opportunities have increased for young women, sexual risk and vulnerability to exploitation and abuse are still significant problems for them. But interventions, including comprehensive sexuality education, are mainly aimed at changing adolescent girls' and young women's behaviour: prevention of pregnancy, HIV, sexually-transmitted illnesses, and gender-based violence.

These interventions need to be scrutinised as they rely on assumptions, such as a young adolescent girl and woman having agency, and that all women want to attain betterment through education and employment.

Personal agency is important in terms of enabling adolescent girls and young women to make choices, but women in societies with a high prevalence of gender-based violence are unable to exercise such agency. This monograph suggests that socially constructed shame regarding rape, teenage pregnancy and HIV infection needs to be addressed to ensure effective responses. As long as interventions designed for young women operate under conditions of continuing social stigma regarding these issues, the efficacy of the interventions will be limited.

Society prefers "sequential" model interventions (those that emphasise good behaviour and education), because it is seen as more likely to produce women who are self-sufficient. But interventions should look at the diversity of feelings and lived experiences of sexual and reproductive health. The monograph makes the case for the recognition of "multiple modernities". These "encapsulate the complex ways in which 'modern' societies across the globe have emerged" (Wielenga, 2018a). Families are an integral component of human social organisation and should not be delinked from SRHR interventions. SRHR interventions need to demystify pregnancy and reproduction: regardless of whether a girl or a young woman starts a family whilst she is still at school, when she has finished her school education, or many years after completing it, her decision should be supported.



This research was produced by Mzikazi Nduna. She is a researcher at the Department of Psychology, University of the Witwatersrand and has a particular interest in Father (dis)connections and gender-based violence and femicide.

Nduna, Mzikazi. 2020. *A magnifying glass and a fine-tooth comb: understanding girls' and young women's sexual vulnerability*. Pretoria: CSA&G Press, Centre for Sexualities, AIDS and Gender, University of Pretoria.

Link to podcast: <https://bit.ly/35WFFFE>
Link to monograph: <https://bit.ly/3kCe8gB>

The elderly are an asset and must be treated as such

While Africa has a high youth population, elderly people are also increasing in numbers, especially in South Africa. Care for the elderly is in dire need of review, especially for poor and isolated older adults

Ageing has profound consequences on a broad range of economic, political, and social processes, and so the "elderly models of care" practiced in Gauteng in particular, should be integrated into a holistic "service package", because none of the care models are sufficient alone.

The three care models – residential, family, and community – operate independently. Residential care services are typically old-age homes, across the public and privately-run spectrum. Private old age homes are common in Gauteng, and therefore out of reach for the majority of elderly people in the province. Family care practices are usually found in multigenerational homes, where a member of the extended family is in a position to help the elderly person. But many older people are isolated from family members and so this is not an option for them.

Community-based care emerged in South Africa partly as a solution to the lack of suitable institutions for the majority of older persons and partly as an intervention to mitigate against abuse emanating from some of the institutions meant for older persons. CoE-HUMAN grantee, Professor Monde Makiwane, suggests in his seminal study that despite the three models, older persons across Gauteng remain more or less "like a flock of sheep without a Shepard." Makiwane's study says that an integrated approach of the three care models, informed by the Convoy Model, should be implemented.

The Convoy Model lays a framework for the integration of formal and informal care of older persons. Although these two models have always been in existence in South Africa, this framework lays a foundation on how these could systematically complement each other.



This research was produced by Monde Makiwane & Mathias Fubah Alubafi & Ntombizonke A. Gumede.

Understanding and Evaluating Older Persons Services: the Case of the Gauteng Province, South Africa. Journal of Population Ageing # Springer Nature B.V. 2020
Published online 19 June 2020

What is land if not somewhere to live a life of value?



Land beneficiaries in Macleantown and Salem, Eastern Cape, say life is as empty as ever, despite a land reform programme intended to restore their dignity and to reduce poverty and racial inequality. New research suggests shifting the focus from acquiring land to how land can create meaningful lives.

Dr Mzingaye Brilliant Xaba interviewed more than 30 people meant to benefit from farms returned to the community after the dawn of democracy. These communities were forcibly removed from their land during apartheid, and Xaba wanted to know if the return of their land enabled them to live the kind of life they have reason to value.

A life of value might include the feeling of agency and freedom, or having peace of mind and being self-sufficient. According to many scholars, and participants of this study, land can yield much more than food security; it can provide and grow many other things that people value, like proper housing, social relations, respect, independence, recreation and happiness.

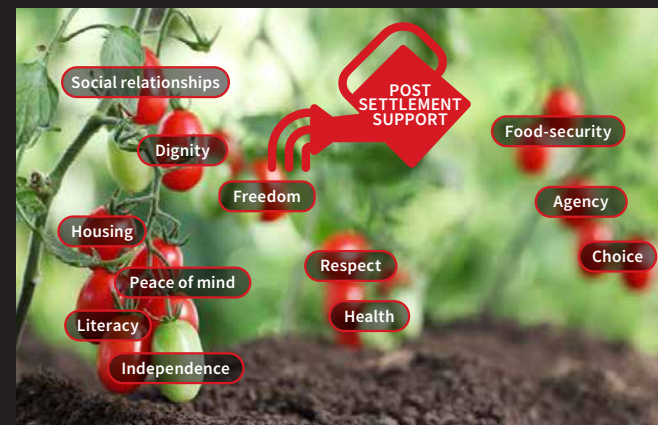
But a life of value has not yet materialised for Salem and Macleantown land beneficiaries, according to Xaba's research. The study, which was funded by The DSI-NRF Centre of Excellence in Human Development (CoE-HUMAN), suggests that the debate around land compensation and restitution should shift from purely acquiring land, to the developmental impacts of land and how land can create meaningful lives for beneficiaries after transfer.

One way to do this is to apply the Capabilities Approach (coined by Amartya Sen), which states that development and reform should improve the quality of people's lives, and their "freedom and choices". The CoE-HUMAN has co-opted this theory, framing human development as an expansion of capabilities and removing obstacles to living a full life, such as illiteracy, ill-health, lack of access to resources or a lack of civil and political freedoms.

While the land owned by beneficiaries is an asset to realise these values, and to enhance agency and capabilities, they are unable to utilise this land to its full capacity because of poverty. But Xaba's study confirmed that further post-settlement assistance with land-based livelihoods, like farming, would be a solution.

"This research project is important in that it exposes the differences between the goals of restitution policy and the reality on the ground as beneficiaries struggle to benefit from these projects," said Xaba.

Eastern Cape land beneficiaries need more support to live a meaningful life



Land restitution is not enough.

Xaba produced this research, titled **South African land restitution and development: the capabilities approach to an understanding of the Macleantown and Salem restitution projects in the Eastern Cape**, as part of his PhD in Sociology at Rhodes University. He is currently a Postdoctoral Research Fellow with the SARCHI Research Chair in the Sociology of Land, Environment and Sustainable Development, in the Department of Sociology and Social Anthropology at Stellenbosch University.



COVID-19 shows how important it is for RESEARCHERS to tell their stories

In the age of misinformation, fake news, opinions taken as facts, and the rebuff against science from the world's most powerful leaders, researchers have a moral duty to promote their science in engaging and meaningful ways.

Too often it is said that research remains within the confines of the academic ivory tower, and therefore becomes meaningless and inaccessible. The language coupled with dense theories and concepts are often the main barrier to effective engagement.

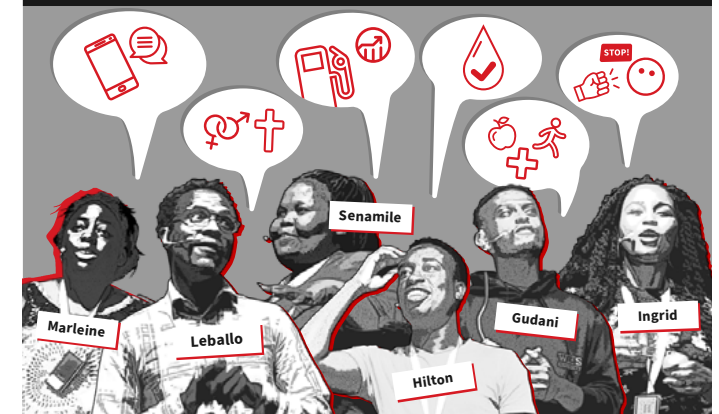
This, together with political and economic agendas of those in power, allows for the complete disregard of science, such as in matters relating to the current COVID-19 pandemic, climate change and many other socio-economic issues. This results in a significant threat to humanity's wellbeing and survival.

It is with this in mind that the University of Witwatersrand Vice Chancellor, Professor Adam Habib, has said that it is a moral and civic duty, and not a mere luxury, to effectively communicate science to the general public. Robust research, together with simple and engaging communication about said research, would help debunk information aimed to malign and intimidate people. In the era of populist politics and misinformation campaigns, scientists who communicate well will become national treasures.

Six of our CoE-HUMAN students thus participated in the Wits Famelab training and heats. **Famelab** is an international competition, designed to encourage young researchers to communicate their science to a lay audience. It is a trial-by-fire experience for young researchers in that they have to be compelling storytellers, in front of an audience, in a very short time frame. Our CoE-HUMAN cohort, made up of PhD and Masters' students in humanities, social science and health sciences, joined, botanists, geologists, climatologists and paleontologists.

The CoE-HUMAN's science communication outreach efforts are paying off. Following Famelab, students published **opinion** and **thought-leader** pieces as part of their civic duty to further communicate their science to audiences that need to hear their messages.

It's our **duty** to **SHARE** our **SCIENCE**!



6 COE-HUMAN researchers are taking part in **Famelab 2020**

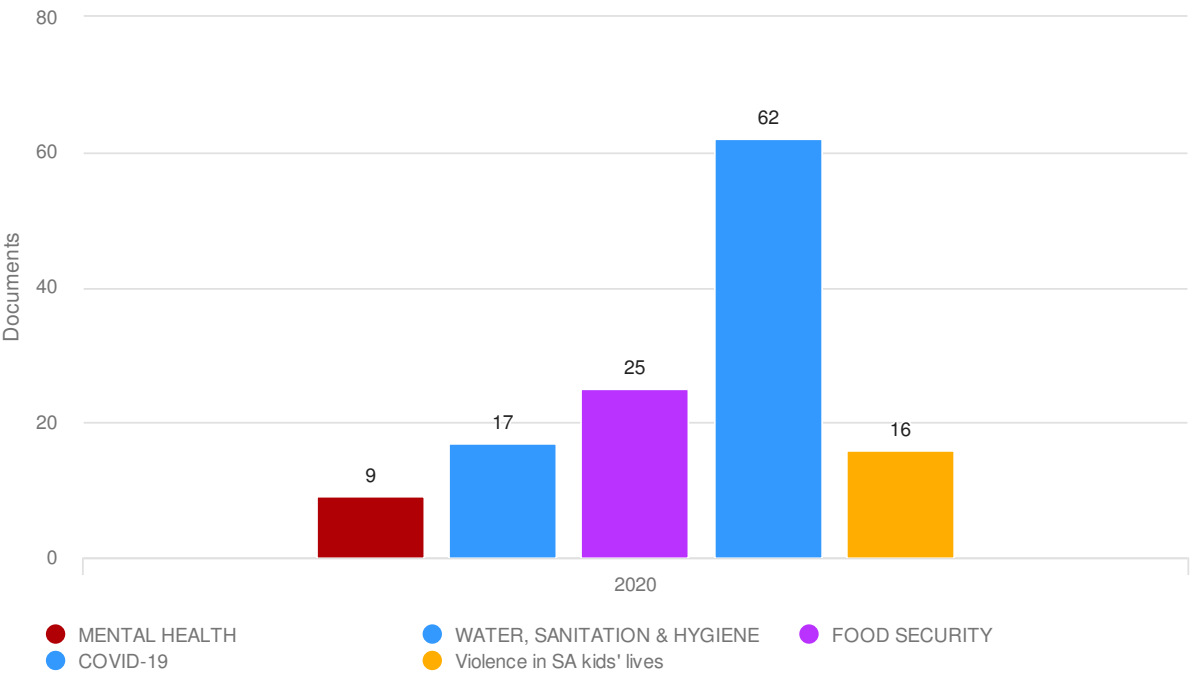
CoE-HUMAN researchers' Famelab stories:

1. Leballo Tjeomolane broke down the way **masculinity** is constructed by **religion**
2. Hilton Shibambu spoke about the impact of land use activities on **water quality** and thus human and ecological health
3. Senamile Dladla painted a verbal picture of the effects of the **rising petrol price** on local economies
4. Gudani Mukoma spoke about how **nutrition and lifestyle** before one even considers pregnancy is critical for future generational health
5. Ingrid Puseletso discussed the ways **violence** can be curbed in **schools**
6. Marleine Mweji enthralled the audience with her idea of a **mobile app** to assist **migrants** in South Africa with accessing basic services

Your Contact Person: Alison Jackson | alison.jackson@meltwater.com



Five top topics @CoE & @DPHRU



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Trending Themes in CoE news



ANALYSIS | Feeling hopeless and lonely: The impact of COVID-19 on adolescents

news24

Ingrid Puseletso Mokhitlinyane



Adolescents with pre-existing mental conditions are more likely to experience anxiety over contracting COVID-19.

A seminal study indicates that adolescents who fear contracting COVID-19, and who have pre-existing mental health conditions, are more likely to experience increased anxiety and somatic symptoms.

Adolescence is a particularly vulnerable time in a person's development: about three quarters of lifetime mental health disorders emerge during this time, with depression, suicidal ideation, anxiety, and eating disorders being some of the conditions that disproportionately affect this group.

Moreover, the Global School-Based Student Health Survey (GSHS) conducted in eight different African coun-

tries indicated 80% of adolescents have previously reported often experiencing the feelings of being worried, feeling hopeless and being lonely.

In addition, a South African National Youth Risk Behaviour Survey indicated that 20.7% of high school adolescents experienced psychosomatic disorders, such as depression, helplessness and suicidal ideation.

It is important to note that COVID-19 has not only predisposed individuals to mental health problems, it has led to a public health crisis, social isolation and economic instability.

Notably, economic downturn has often been associated with increased mental health problems because it contributes to adult unemployment and food insecurity. Therefore, this has often contributed to various social ills, such as child maltreatment and gender-based violence.

The effects of economic instability lead to unemployment.

Consequently, the chronically unemployed experience increased debt, financial difficulties, payment problems and food insecurity.

Longitudinal studies have indicated that financial difficulties can cause major depression and thus also lead to a vicious family cycle of unhealthy coping mechanisms.

Maltreatment and gender-based violence

Coupled with a vicious family cycle are things like child maltreatment and gender-based violence.

Compelling evidence has indicated that adolescents who experience violence at home are predisposed to negative mental health consequences.

In addition, literature has indicated that gender-based violence has negative psychological consequences on adolescents.

Furthermore, negative psychological consequences result in post-traumatic disorders, depression, self-depreciation, problems in school, poor concentration as well as low self-esteem.

All these psychological consequences in adolescents can lead to long-term societal consequences, such as drug and alcohol abuse.

In addition, adolescents who regularly experience violence in their homes often tend to emulate aggressive behaviour, too.

Therefore, it is important to address and to understand the psychological impact that COVID-19 and other environmental factors might have on the mental health of adolescents. If this is swept under the carpet, it might result in a "future" we never imagined.

Mental health disorders account for 15-30% of all Disability Adjustment Life Years (DALY).

The DALY measurement is used by the World Health Organisation to determine how many years of life are lost due to illness.

Moreover, the Global Health Summit revealed that mental disorders increased by 22.7%, meaning that one in three individuals will suffer from a mental illness in their lifetime.

In addition, the onset for all psychological disorders occurs in adolescents and can continue right into adulthood or for a lifetime.

Therefore, the question I pose is: "What is being done by the Department of Basic Education, communities and citizens to alleviate and to provide counselling to children and adolescents?"

Our main goal should be to create sound and resilient adolescents, who are able to overcome their intrapersonal and interpersonal challenges and still pursue their goals in the "post-Covid" world.

- Ingrid Puseletso Mokhitlinyane is a MA student, supported by the DSI-NRF Centre of Excellence in Human Development, based at the University of Witwatersrand.

Dads play an important role

People'sPost



Fathers have a role to play in a child's first 1000 days.
PHOTO: Samantha Lee-Jacobs

"We should move away from using terms such as fathers are 'helping' a mother look after your child. You're a father, so it's your responsibility," says Dr Tawanda Makusha of the Human Sciences Research Council (HSRC).

His words rang clear at the Hearlines Centre for Values Promotion's, third webinar in a four-part series considering key issues around men, masculinities and fatherhood in South Africa. The webinar was held on Wednesday 2 September.

The webinar explored how the first 1000 days of a child's life, from conception to the age of two, provide a valuable opportunity for a father to get involved. During this formative time, the foundations are laid for emotional, intellectual, relational and physical development – and fathers have as important a role to play as mothers.

The webinar series is presented in partnership with the DSI-NRF Centre of Human Excellence and the National Research Foundation, and funded by the Oak Foundation.

In addition, he said that upon becoming fathers, men are more likely to stop indulging in risky behaviours. Where fathers have themselves had adverse childhood experiences, they need to realise that it could affect their parenting, said panellist Mercy Manyema from the DSI-NRF Centre of Excellence in Human Development.

"Speak about it, normalise seeking help and do not feel ashamed", she said. "If this has been the cycle in the past, you are in a position to change the narrative."

Both Makusha and Manyema emphasised that a father's mental health can significantly contribute to a mother's overall well-being, which in turn, impacts the child. Mothers need support from their partner from conception onwards as this helps regulate stress levels and encourage healthy lifestyle choices that impact the baby's development, said Makusha. "We require interventions at personal level, community level and policy level. It cannot just be about the dad," said Manyema. "We should move away from using terms such as fathers are 'helping' a mother look after your child. You're a father, so it's your responsibility."

Manyema pointed out that childcare and childbirth have in some cases been made to be seen as inferior, and this may result in a man feeling emasculated if he gets involved.

A man can provide invaluable support to his partner following childbirth by encouraging her, preparing meals and doing the housework. This frees her up to focus on her healing and the child's needs, said Manyema.

Makusha emphasised that the traditional idea of a father as a provider, while relevant, was too limited, and that fathers should be present in other ways. Khan identified a need for supporting and equipping parents with parenting skills, which would demonstrate to fathers how to be positively present.

OPINION | Women and children will continue to die until we dismantle toxic masculinity

news24

Leballo Tjemolane



Last year's high rate of GBV incidents sparked nationwide outrage and masses stood together to protest the scourge. PHOTO: Racine Edwardes

I am an African man engaged in feminist research.

It has not been an easy journey.

People have told me that I am in no position to speak about gender-based violence because I belong to the group they most believe are perpetrators of crime and violence.

Through their eyes, I may be the scary, violent, lost "black man".

Others question whether I, the pro-feminist, am a real man, therein exposing their own ingrained toxic masculine beliefs.

Root of GBV

But my deepest concern is understanding the root of gender-based violence, and one of the ways to do so is to understand, discuss and dismantle toxic masculinity. When we socialise boys to suppress their emotions, we break something in them, and by extension, society.

Professor Brett Bowman at Wits University notes that the causes of gender-based violence are complex, but that "patriarchal versions of masculinity" is an enormous risk.

"Patriarchy constructs men as breadwinners, providers, physically strong, emotionally resilient and unconditionally powerful," says Bowman.

Violence is used to assert masculinity

But, in a poverty-stricken and unequal country like South Africa, what makes a “man” is out of reach for the majority of men.

Violence is then a way to assert masculinity, and personhood, and so is dominion and control over women. Violence and control are, in fact, legitimised by our cultural and indeed, religious beliefs.

Many men do not find any cause for concern with their behaviour because it is so deeply ingrained.

That is why, every day, a woman is maimed, raped or killed. It will go on and on, sadly, until we dismantle toxic masculinity.

My PhD project investigates men’s lived experiences.

Social constructs

These experiences are always socially-constructed and “performative”.

To conform to social constructs, gender emerges within a space where there is the actor and the audience. It is in this space that boys are taught how to “be”. They are not seen as individuals. Who they really are is stolen from them.

Masculinity across race and class is not the same of course.

Society favours men, but not all men are favoured equally.

A white man’s lived experience cannot be compared to a black man’s.

Similarly, the lived experience of a middle-class black man from Pimville in Soweto is totally different from the lived experience of an unemployed man from the same township.

Even though there might be similar privileges and a certain power enjoyed, contextual and social realities matter and men engage their masculine identity from different perspectives informed by their context and disposition.

Creating space

But the common thread is that the lives of men are framed or made meaningful by prevailing models of what it means to be a man.

My PhD study calls for “democratic masculinities”.

How can we create spaces where men express themselves fully, especially poorer men?

Could we set up spaces where dialogue happens?

Richard Rohr once said it will only be through being truthful about and mindful of how we got here that we can begin to imagine another way.

- Leballo Tjemolane is currently a PhD candidate in the Women’s and Gender Studies Department at the University of the Western Cape. His studies are supported by the DSI-NRF Centre of Excellence in Human Development (COE-HUMAN), hosted at Wits University. Langa, Bowman and Ratele are all affiliated to the COE-HUMAN.

Six ways the lockdown could improve your family’s health

parent24

Dr Stephanie Wrottesley



Use the time to build a foundation for healthy habits to last a lifetime

For families across the globe, the COVID-19 pandemic has brought uncertainty and fear – turning normal lives and routines upside down.

As we enter the final week of the government-prescribed lockdown, you may be struggling more than ever with the idea of staying home.

Inevitably in uneasy times, you may find yourself clinging to comfort and struggling to maintain healthy habits as a family, such as resorting to unhealthy drinks and snacks to satisfy the kids and occupying their time with endless hours behind screens, while you all grapple for a good night’s sleep.

Research shows that the food preferences and health behaviours established by children and adolescents track with them as they age and that establishing healthy habits early has positive effects on obesity risk and long-term health.

While the economic and lifestyle implications of the lockdown continue to challenge us, here are some ideas of how you can use the remaining time at home to foster healthy habits with your children that last long after lockdown.

Educate your children about healthy eating

An understanding of how diet influences growth, development and longer-term health provides children with

an important foundation for making healthy food choices.

Studies show that when nutrition education starts early, children do have a better understanding of the benefits of making healthy choices in life and of the long-term impact on their future health.

While there is more time available at home, you may wish to educate your kids (and even yourself) on how to make healthy and diverse food choices, as well as how even small daily changes, such as adding an extra piece of fruit or portion of vegetables to their meals, can promote greater food variety and healthier eating habits.

Remember to talk to your children about food in a positive way – encouraging balanced eating patterns without criminalizing specific foods.

Involve the kids in food preparation

While food knowledge is a good foundation for making healthier food choices, developing the skills to prepare and cook food early in life can be fun and have a positive influence on dietary behaviours.

Encouraging hands-on involvement by children and adolescents in meal planning and preparation has been shown to encourage healthier food choices, particularly promoting greater fruit, vegetable and fibre intakes, while reducing the amount of fat and salt consumed.

Learning food preparation and cooking skills has also been shown to build adolescents’ confidence and enjoyment in preparing meals.

Getting your kids involved in meal planning over lockdown, as well as cooking the evening meal together, is a fantastic way to start building their skills, while promoting greater investment and enjoyment in the food they eat and filling your afternoons in a fun and constructive way.

Prioritise family mealtimes

Mealtimes should provide families with the perfect opportunity to get together and catch up, but busy work and school schedules, extramural and household activities.

As well as the constant distraction of media and devices, mean that meals are often eaten separately or distractedly or grabbed on the go.

In fact, there is evidence that enjoying more meals together as a family protects children against overweight and obesity.

Studies show that children and adolescents who share at least three meals with their family per week are more likely to have healthier diets and eating patterns than those who don’t.

They are also more likely to have healthier weights.

During this time of uncertainty and stress, more meal-times spent together may strengthen family bonding and help the kids feel comforted and secure, but also provide great opportunities to discuss healthy eating and encourage portion control.

Reduce screen time

With the kids at home all day, every day, and your work routine likely in disarray, it can be very tempting to ramp up screen time – distracting your kids with mobile phones, computers and television for hours at a time.

Excessive screen time and too little sleep has been linked to poor cognitive skills in children, including delayed development in language and memory, as well as hindering their ability to complete tasks.

More screen and couch time have also been shown to promote unhealthy behaviours such as mindless snacking and has been linked to the development of childhood obesity and diabetes in later life.

Recent South African guidelines prescribe no screen time for children under two years, and no more than one hour a day for those between two and five years.

For children six years and above, the World Health Organisation recommends consistent limits on screen time and types of media, as well as making sure that screen time does not affect other activities like sleep and being physically active.

Enforcing strict limits on screen use during this pandemic is so important for developing or maintaining healthy screen-time interactions for your children and preventing them from forming unhealthy habits once the lockdown is over.

What you allow now, you may never be able to roll back.

Don’t distract your kids with junk food and fizzy drinks

At times when the family is holed up at home and you are scrambling to find another activity to entertain those bored young minds, as well as potentially keep on top of work commitments and household chores, using treats as distractions or rewards for good behaviour may be appealing.

While we want to avoid criminalizing and glorifying certain foods, and rather look at diets as a whole, maintaining balance in the way children are fed - even during unusual and unstable times – is still important.

Particularly in the early years when eating habits are formed, too much exposure to “junk” food and fizzy drinks can shape children’s preferences for unhealthy food.

Studies show that dietary likes and dislikes become more difficult to change as children age and that, even by the age of three, diets high in “junk” food are linked obesity risk.

On the other hand, eating more varied wholesome and nutritious foods early in life promote dietary diversity and help children to develop healthy relationships with food as they age.

Rather than filling the kids up on processed, convenience food items, try using this time to reduce the

amount of package foods your family eats and make more home cooked meals.

Having healthier snacks - such as fruit, vegetables, and healthy beverages (water, milk and pure fruit juice) – readily available can also help to reduce the desire for less healthy options, such as fizzy drinks, chips, chocolates and sweets.

Keep active as a family

When staying home and social distancing, without access to walks, parks, playgrounds and friends, it may seem near impossible to keep your children active.

We know that physical activity is an important component of healthy growth and development, maintaining a healthy weight, improving cardiovascular fitness and building strong bones and muscles.

While keeping your children (and yourself) physically active during this time may have fallen to the bottom of your priority list, staying active through the remainder of the lockdown is a good way to boost immunity and fight infections, feel less stressed and anxious and improve mood and energy levels.

Try using this time to model healthy behaviours and build your children’s enjoyment of being active through family-based activities.

OPINION | Could coronavirus threaten the benefits of stokvels for SA savers?

fin24

Norman Chivasa



In low-income groups across southern Africa, informal economic initiatives and other self-help systems have often provided a buffer against the vagaries of broader economic and social circumstances.

In South Africa, belonging to a “stokvel” (known too as mohodisana, gooi-goois, kuholisana, and makgotlas) has become one of a number of important survival strategies.

Stokvels - essentially, pooled savings schemes - range from savings to investment and burial schemes, and have become an informal social security net in one of the most unequal nations on earth.

Stokvels supplement monthly income, and can help to achieve greater gender parity in that many women start their own stokvels, which is empowering and enhances economic stability.

Money from stokvels can serve as start-up capital for income-generating activities and act as insurance against uncertainties and emergencies. It builds the capacities of the poor to ride out poverty and assists in building up financial assets through savings.

In South Africa, over 11 million people belong to one or more of the 800 000 stokvels in the country. In 2019, a report by Glacier estimated that South Africans invested nearly R50 billion in stokvels.

Coronavirus and stokvels

However, the emergence of COVID-19 has put stokvels at risk and poses uncertainty for their survival.

The imposition of social distancing means the close in-person contact with others, and community meetings – a core pillar of the stokvel – are prohibited.

But to avoid total collapse, and the devastating social fallout, there are some immediate measures that can be taken to help stokvels survive:

- Prioritise safety precautions, for instance: avoid holding hard cash but adopt electronic transactions to prevent the spread of the virus;
- Keep the lines of communication open to avoid panic;
- Improvise innovative ways to maintain a form of contact without spreading the virus, such as using text messages as a vehicle to maintain social distancing;
- Encourage members to keep in touch regularly via other means as well, such as phone calls or video chat, while maintaining physical distancing.

The value of social contact is clear and the Covid19-induced lockdown has shown us that, in many ways, life is not sustainable without human interaction.

But the lockdown has also offered other surprising opportunities for stokvels, such as advocacy for accessible technology and banking services, and the ability to consider how to adapt to change and address radical uncertainty.

Dr Norman Chivasa is a post-doctoral fellow at the DSI-NRF Centre of Excellence in Human Development, hosted by Wits University. Dr.Chivasa is interested in community-based peacebuilding initiatives and informal infrastructures for peace and development. Notably, he has facilitated the creation of ward-level peace committee and village peace committees in Zimbabwe.

OPINION | We need a lockdown on toxic masculinities

news24

Leballo Tjemolane



Anger and violence spikes when income is lost and uncertainty about future work arises, writes Leballo Tjemolane.

Just as COVID-19 has laid bare the problems of a business-as-usual global system, where capitalism runs rampant, and where the planet as a life support system is disregarded, so has the virus opened our eyes to the high global incidence of gender-based violence.

It seems in South Africa intimate partner violence (mostly against women) goes hand in hand with the lockdown. In the first week, news reports revealed 87 000 cases of gender-based violence were reported. Anger and violence spikes when income is lost and where uncertainty about future work arises.

There is no time like now, as we mobilise efforts to combat a public health disaster and re-organise our global system, to address a key driver of gender-based vio-

lence - toxic masculinity. Looking through a gendered lens during this uncertain time presents an opportunity to reflect on what it means to be a “man” in South African society.

Simply put, toxic masculinity is constructed around power and dominance. It is a product of a society that has normalised violence and made aggression synonymous with being male.

We hear that “a man is a leader”, “a man is a provider”, “a man is strong and displays no vulnerability in any way” and “a man is not a natural nurturer”. Ironically, in the persistently poor socio-economic environment, many South African men are deprived of fulfilling these predetermined roles and those that fail to be “men” are judged for being “useless”, absent fathers, and untrustworthy.

Professors Malose Langa and Brett Bowman, who are prolific researchers on masculinity in South Africa, note the use of violence by men is an attempt to address the experiences of being a “half-life” or part citizen in a highly unequal and poverty stricken country. Violence, they say, becomes a kind of currency to manage exclusion or seek inclusion.

This failure to be a “man” is exacerbated in the time of the nationwide Covid19 lockdown.

But all hope is not lost.

Professor Kopano Ratele says ending violence and promoting gender equality depends on giving birth to new progressive masculinities and to nourish family structures.

In his book, *The World Look Like This From Here*, Ratele says a meaningful life for men is possible if Africa is at the centre of their line of vision and experience. Programmes to show how American and Western influences of patriarchy can be overcome in healing, teaching and learning are imperative.

In an interview, Ratele said: “Perhaps the most important thing is to teach boys about kindness, self-love, care for others, and healthy relationships in order to enhance equality and new progressive boyhood and manhood.”

My own academic work considers the joys, struggles, challenges, successes, failures, fears, and hopes that make up the aspirations of South African men. Men’s lived experiences and narratives are an essential part of my study because there is still a lack of focus on men’s

voices regarding the complexities of being a man in the post-1994 context.

Men’s voices are not silenced in the way women’s voices are in a patriarchal society. However, men’s voices on being male and how that intersects with other social identities and inequalities, like being poor or from a marginalised or othered group, are silenced.

My study will bring into conversation men’s voices to find productive and sustainable ways of creating space, policies and programmes that can address gender equity issues from a different perspective. My study’s interest is men and the multiple contesting and contradictory contexts that enhance or undermine their capacity to embrace positive gender equitable pro-feminist masculinities.

While discussions about the changes in economic, ecological and social life during and post COVID-19 lockdowns are “hot”, it is time to ask ourselves, “Could a new order free men to be something else and not what we have labelled them in a patriarchal society?” There are as many expressions of what it means to be a man. Patriarchy has alienated men from authentically expressing who and what they are.

- Leballo Tjemolane is currently a PhD candidate in the Women’s and Gender Studies Department at the University of the Western Cape. His studies are supported by the DSI-NRF Centre of Excellence in Human Development (COE-HUMAN), hosted at Wits University. Langa, Bowman and Ratele are all affiliated to the COE-HUMAN.

OPINION | South Africa vulnerable to those looking to use COVID-19 to spread hate and fear

news24

Steven Gordon



Dozens of people camp in a corridor close to the offices of the United Nations High Commission for Refugees in Cape Town, demanding to be removed from South Africa saying they are no longer safe here. (Rodger Bosch, AFP)

Ever since the start of the coronavirus (and the disease it causes, COVID-19) pandemic, right-wing politicians around the world have attempted to exploit the crisis for their own ends.

In countries like Hungary, Greece, Serbia and Germany, right-wingers have latched onto the crisis to push their anti-immigrant, anti-refugee agendas.

In one prominent example, populist Italian leader Matteo Salvini demonised African asylum-seekers as coronavirus carriers.

These politicians have claimed that the outbreak gives credence to their past calls for aggressive immigration restrictions.

The coronavirus crisis seems to be fuelling anti-immigrant animosity in places where foreigners are already scapegoated for other evils (such as crime and unemployment).

In the past foreign nationals coming to South Africa have been labelled as carriers of disease and maladies that threaten the health of the population.

There is a danger that the coronavirus pandemic will now fuel such aggressive anti-immigrant sentiments in the country.

But how widespread are beliefs that international migrants are harbingers of disease and contamination in South Africa?

To answer this question, we can turn to data from the South African Social Attitudes Survey (SASAS).

The survey series is administered by the Human Sciences Research Council and first started looking at public views on the link between international migration and disease in 2008.

To obtain a picture of the country’s population, SASAS uses a nationally representative probability sample of adults in the nation’s nine provinces aged 16 years and older living in private households.

The sample size for the survey is more than 3 000 with interviewing conducted between mid-November and mid-December.

In order to understand public attitudes towards foreigners and the spread of disease, SASAS respondents were asked if they agreed or disagreed that foreign nationals bring disease into the country.

Responses for the adult population are presented for the period 2008-2018.

Approximately half (53%) of the general public agreed that migrants spread disease in 2008 and only a minority (27%) disagreed with the statement.

The popularity of this belief began to fall in 2015 and only 44% of the population held this opinion in 2018.

These results show that beliefs about the health risk of foreign nationals is widespread but that civil society and

government has had some success in reducing this anti-immigrant narrative.

As you may imagine, perceptions about the link between foreigners and disease has an impact on the general public's hostility towards the foreign-born.

Let us consider welcoming predispositions in 2018.

A quarter of the adult populace said that they would welcome all immigrants to South Africa.

This can be compared to 47% who reported that they welcomed some and 26% who welcomed none. About two-thirds (64%) of the least welcoming thought that immigrants were a health risk, 20 percentage points above the national average in that year.

Opinions about the connection between non-nationals and illness were also high among those who had recently engaged in violent action against immigrants.

Of those in 2018 who said that they committed violence in the five years prior, 65% believed that foreigners were a major driver of disease.

Politicians may see anti-immigrant narratives (like the one described above) as a way to distract voters from their own failures and shore up electoral support.

For months US President Donald Trump had, for instance, been calling the coronavirus by its common name.

But then on 16 March 2020 he switched to a name: the “Chinese virus”.

This volte-face appears to be an effort to deflect blame from his administration own slow response to the pandemic.

Such racialisations have worked in the past - this is the same politician who sought to build support for immigration restrictions by referring to African countries as “shitholes”.

President Cyril Ramaphosa has shown greater discretion, dignity and competency than politicians like Donald Trump and has not sought to fuel xenophobic passions in these times of uncertainty.

Indeed, the South African government should be lauded for its swift and decisive actions in its response to the coronavirus crisis.

The debt relief fund for businesses is an especially forward-thinking and progressive strategy that deserves to be commended.

But, as Small Business Development Minister Khumbudzo Ntshavheni clarified recently, relief funding will only be made available to businesses if they are: 100% South African-owned; and employ at least 70% South Africans.

Why are foreigners who legally own a business in South Africa, who contribute to the economy and help create jobs excluded?

Of course resources are limited but the government must be careful not to play into explosive anti-immigrant narratives with such policies.

As I have shown here, such narratives are dangerous for social cohesion in our country.

In these days of doubt and anxiety, it is important not to let fear fuel our distrust of outsiders. And we must be careful of those peddling distrust of foreigners for their own selfish ends.

- Dr Steven Gordon is a researcher at the Human Sciences Research Council and holds a bursary with the DSI-NRF Centre of Excellence in Human Development at Wits University

South African Child Gauge 2019 Media Summary

The *South African Child Gauge* is published annually by the Children's Institute and provides review of the status of children in South Africa. It is widely regarded as a valuable briefing and advocacy resource. It is regarded as model of engaged scholarship, making research accessible to policy-makers, organisations, activists and the media.

The 2019 issue focuses on child and adolescent health in South Africa - reflecting on current and emerging challenges, showcasing examples of promising practice, and helping set the agenda for child and adolescent health.

The 2019 *South African Child Gauge* is produced in partnership with the Standard Bank Tutuwa Community Foundation, DSI-NRF Centre of Excellence in Human Development at Wits University, UNICEF-South Africa, and a new partner the Desmond and Leah Tutu Legacy Foundation.

Media outreach and coverage

A key messages meeting was held on 31 October to distil the main messages emerging from each chapter, and to refine these for the launch and related media work. We developed a proactive media strategy, reaching out to the media and distributing a pre-launch media release that was widely used in publications across the country in the days around the launch.

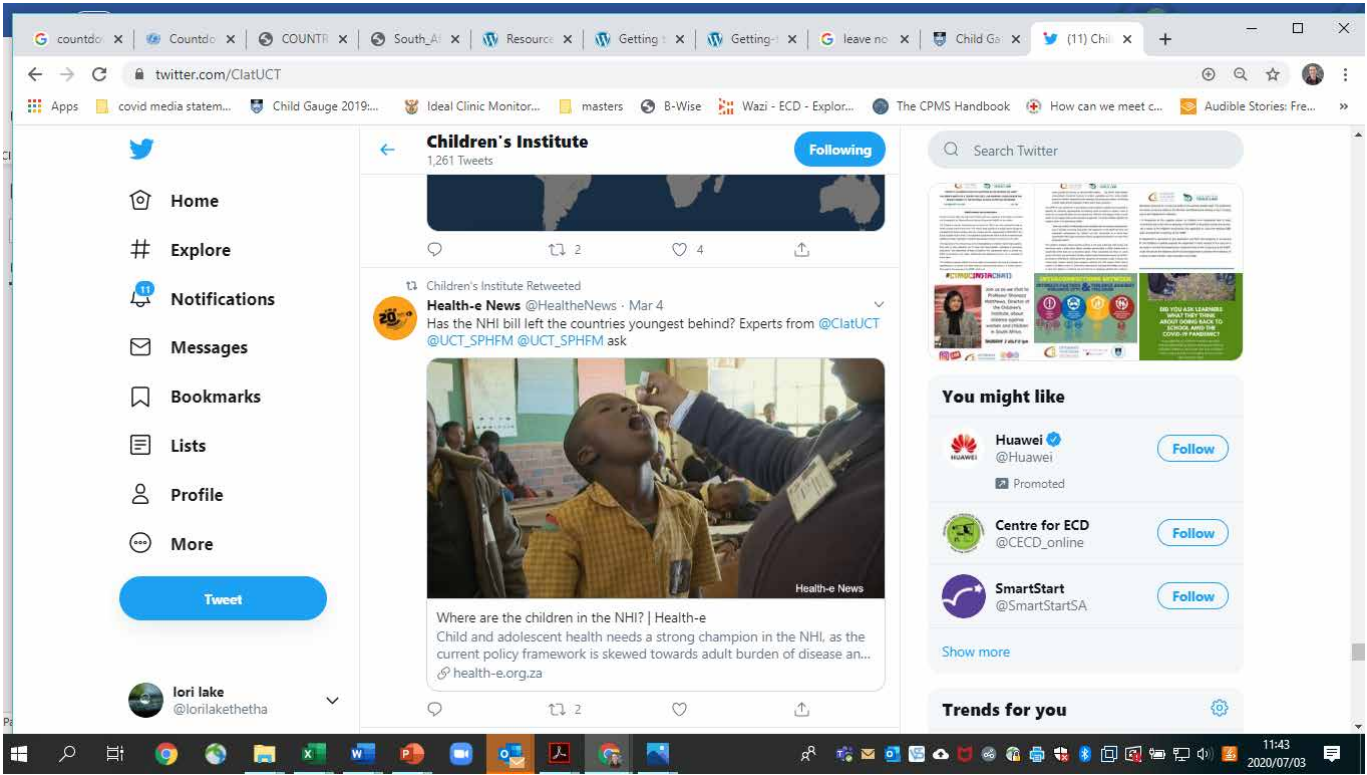
All authors of the themed essays were invited to participate in the launch media outreach, either by being listed as a contact for the media in the press release; by being interviewed by journalists; and/or by writing an opinion-editorial for publication in the print press during the week of the launch.

Our communications team assisted with editing opinion editorials, placing opinion editorials and linking journalists with specific interests to the appropriate authors. Our communications officer kept track of broadcast, print and online media coverage with the support of UCT's Communications and Marketing Department.



The launch generated a huge amount of media interest, with 96 media headlines in print, broadcast and online media and a calculated value of nearly R8.3 million in media space in the period from 10 December to 10 February 2020 including a series of seven opinion editorials including: We also generated a further wave of social media cov-

erage by linking the Gauge findings to global debates around child and adolescent health following the launch of *The Lancet/WHO/UNICEF Commission: A Future for the World's Children* report on 18 February which echoed many of the findings and recommendations of the 2019 Child Gauge which yielded a further of 9 300 tweet impressions on Twitter.



Policy engagement and application

The content of the *Child Gauge* has been presented in various engagements with government, civil society and researchers. These include the:

- National Child Health Priorities Conference hosted by North West University – November 2019.
- An inaugural meeting to promote Universal Health Coverage hosted by the International Child Palliative Care Network collaboration with the University of Cape Town's Primary Health Care (PHC) Directorate, PatchSA, Paedspal and the Hospice Palliative Care Association (HPCA) of South Africa
- The Department of Paediatrics and Child Health clinical meeting University of Cape Town.
- A keynote address at the First 1000 Days Colloquium hosted by the DST/NRF SARCHI Chair in Capabilities in the Family for Cohesion, the Department of Health Western Cape, and the Family Studies Unit, University of the Western Cape

- The Social Responsiveness lecture in the Department of Psychiatry, University of Cape Town.

In 2020, we had also planned to host a series of research-policy dialogues in partnership with the DSI/NRF Centre for Excellence in Human Development at the University of the Witwatersrand and the National Research Foundation in order to deepen our engagement with researchers and decision-makers in government and civil society and use the Gauge findings to inform the development of a research and policy agenda for child and adolescent health.

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
05-Jan-2020 12:03AM	'n Tiende van SA se kinders ly honger	https://www.netwerk24.com/Nuus/Gesondheid/n-tiende-van-sa-se-kinders-ly-honger-20200104	Netwerk24	Child Gauge 2019	Food security	628659	5815.1	0	1	0	0
07-Jan-2020 06:00AM	Vaderskapsverlof: Komaan, dis nie 'vakansie' nie!	https://www.netwerk24.com/Stemme/Aktuele/vaderskapsverlof-komaan-dis-nie-vakansie-nie-20200107	Netwerk24	Tawanda Makusha, Linda Richter	Fatherhood	628659	5815.1	0	1	0	0
07-Jan-2020 10:32PM	Our children still go to bed hungry	https://citypress.news24.com/News/our-children-still-go-to-bed-hungry-20200104	City Press	Child Gauge 2019	Food security	716799	6630.39	0	1	0	0
09-Jan-2020 12:22PM	[LISTEN] Reflecting on Kopano Ratele's 'The world looks like this from here'	http://www.702.co.za/articles/371442/listen-reflecting-on-kopano-ratele-s-the-world-looks-like-this-from-here	702 Talk Radio	Kopano Ratele [MANCO]	Maculinities	622906	5761.88	1	1	0	0
13-Jan-2020 06:55AM	Pupils set to put thinking caps back on	https://www.iol.co.za/pretoria-news/pupils-set-to-put-thinking-caps-back-on-40513562	IOL	Child Gauge 2019	Child Gauge	4980551	46070.1	0	0	1	0
15-Jan-2020 02:09PM	Why South Africa's children are vulnerable to violence and injuries	https://theconversation.com/why-south-africas-children-are-vulnerable-to-violence-and-injuries-128663	The Conversation Africa	Child Gauge 2019	Violence in SA kids' lives	5989	55.4	0	1	0	0
15-Jan-2020 10:11PM	Why South Africa's children are vulnerable to violence and injuries	https://citypress.news24.com/News/why-south-africas-children-are-vulnerable-to-violence-and-injuries-20200115	City Press	Child Gauge 2020	Violence in SA kids' lives	678987	6280.63	0	1	0	0
16-Jan-2020 12:00AM	Why South Africa's children are vulnerable to violence and injuries	https://knowledgebylanes.co.za/why-south-africas-children-are-vulnerable-to-violence-and-injuries/	Knowledge Bylanes	Child Gauge 2021	Violence in SA kids' lives	0	0	0	1	0	0
17-Jan-2020 07:15AM	South Africa: Leadership Needed to Fight Violence to Children(The Conversation Africa)	https://allafrica.com/stories/202001170070.html	AllAfrica.com	Child Gauge 2022	Violence in SA kids' lives	1142935	10572.15	0	1	0	0
17-Jan-2020 12:42PM	Why South Africa's children are vulnerable to violence and injuries	https://www.iol.co.za/lifestyle/family/parenting/why-south-africas-children-are-vulnerable-to-violence-and-injuries-40726098	IOL	Child Gauge 2023	Violence in SA kids' lives	4980551	46070.1	0	1	0	0
17-Jan-2020 02:00PM	Why South Africa's children are vulnerable to violence and injuries	https://www.msn.com/en-za/lifestyle/life-style-news-feature/why-south-africas-children-are-vulnerable-to-violence-and-injuries/ar-BBZ3sg	MSN South Africa	Child Gauge 2019	Violence in SA kids' lives	12062	111.57	0	1	0	0
18-Jan-2020 11:23AM	Why South Africa is such a dangerous place to be for deprived children	http://capeargus.newspaperdirect.com/paper/showarticle.aspx?article=7adaa335-f99d-4849-b042-78ca32e84d2b&view-mode=2&page=8	Cape Argus	Child Gauge 2019	Violence in SA kids' lives	929	8.59	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
21-Jan-2020 11:07AM	How to keep South African children safe	https://www.nycomlink.co.za/posting.php?i=68130	My Community	Child Gauge 2019	Violence in SA kids' lives	16494	152.57	0	1	0	0
28-Jan-2020 02:24AM	Children's health in 2020: Top 10 issues to watch	https://www.dailymaverick.co.za/article/2020-01-28-childrens-health-in-2020-top-10-issues-to-watch/	Daily Maverick	Child Gauge 2019	Child health	878853	8129.39	0	1	0	0
28-Jan-2020 10:22AM	Children's health in 2020: Top 10 issues to watch	https://www.msn.com/en-za/health/healthnews/childrens-health-in-2020-top-10-issues-to-watch/ar-BBZnUnQ	MSN South Africa	Child Gauge 2019	Child health	12062	111.57	0	1	0	0
06-Feb-2020 12:25AM	Inequality is the primary driver of violence, say apartheid survivors	https://www.dailymaverick.co.za/opinionista/2020-02-06-inequality-is-the-primary-driver-of-violence-say-apartheid-survivors/	Daily Maverick	Jasmina Brankovic	Inequality	878853	8129.39	0	1	0	0
06-Feb-2020 08:25PM	Lessons to be learned from failed HIV trial	http://dailynews.newspaperdirect.com/epaper/showarticle.aspx?&article=08f6e12-d069-4e81-a6e0-92443633694f&viewmode=2&page=3	Daily News	Child Gauge 2019	Child health	421	3.89	0	1	0	0
09-Feb-2020 12:00AM	Success in child health not matched by efforts to curb sexual abuse and violence	https://storage.googleapis.com/meltwaterafrica/1343811/TSA-1581228204992006_1343C2B.pdf	Sunday Times	Child Gauge 2019	Violence in SA kids' lives, Child health	2697022	24947.45	0	0	1	0
11-Feb-2020 09:21PM	Did only 51% of children attend school in 1994? Citypress	https://www.news24.com/citypress/News/did-only-51-of-children-attend-school-in-1994-20190209	City Press	Child Gauge 2019	Child health	901436	8338.28	0	0	1	0
22-Feb-2020 09:17PM	Bitter medicine: paying the costs of state capture Citypress	https://www.news24.com/citypress/Voice/bitter-medicine-paying-the-costs-of-state-capture-20190222	City Press	Child Gauge 2018	Support grants	901436	8338.28	0	0	1	0
25-Feb-2020 10:19PM	Special investigation: Shocking levels of child hunger in rural KZN	https://citypress.news24.com/News/special-investigation-shocking-levels-of-child-hunger-in-rural-kzn-20200225	City Press	Child Gauge 2019	Food security	678987	6280.63	0	1	0	0
26-Feb-2020 09:30AM	Special investigation: Shocking levels of child hunger in rural KZN	https://headtopics.com/za/special-investigation-shocking-levels-of-child-hunger-in-rural-kzn-11537871	Head Topics	Child Gauge 2020	Food security	23247	215.03	0	1	0	0
04-Mar-2020 03:28PM	South Africa's parole system has failed child victims	https://mg.co.za/article/2020-03-04-south-africas-parole-system-has-failed-child-victims/	Mail & Guardian	Shanaaz Mathews [MANCO]	Violence in Sa kids' lives	515635	4769.62	0	1	0	0
19-Mar-2020 05:56PM	Navigating social solidarity in a time of social distancing	https://www.dailymaverick.co.za/article/2020-03-19-navigating-social-solidarity-in-a-time-of-social-distancing/	Daily Maverick	Ronelle Burger	COVID-19	902436	8347.53	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
21-Mar-2020 03:52PM	Read about black students' experiences of SA universities Citypress	https://www.news24.com/citypress/Trending/Books/read-about-black-students-experiences-of-sa-universities-20190321	City Press	Adam Cooper, Candice Groenewald, Alude Mahali	Transformation	901436	8338.28	0	1	0	0
23-Mar-2020 12:08PM	Standing together crucial in a time of social distancing	http://www.sun.ac.za/english/Lists/news/DispForm.aspx?ID=7219	Stellenbosch University	Ronelle Burger	COVID-19	669685	6194.59	0	1	0	0
01-Apr-2020 12:13PM	Obituary: South Africa's towering healer, prophet and artist Credo Mutwa	https://theconversation.com/obituary-south-africas-towering-healer-prophet-and-artist-credo-mutwa-134986	The Conversation Africa	Sinethemba Makanya	Traditional medicine	6166	57.04	0	1	0	0
02-Apr-2020 07:43AM	South Africa: Obituary - South Africa's Towering Healer, Prophet and Artist Credo Mutwa	https://africafica.com/stories/202004020158.html	AlAfrica.com	Sinethemba Makanya	Traditional medicine	1078252	9973.83	0	1	0	0
03-Apr-2020 02:46PM	South Africa vulnerable to those looking to use COVID-19 to spread hate and fear	https://m.news24.com/Columnists/Guest-Column/opinion-south-africa-vulnerable-to-those-looking-to-use-covid-19-to-spread-hate-and-fear-20200403	News24	Steven Gordon	COVID-19, xenophobia	13882	128.41	0	1	0	0
03-Apr-2020 05:33PM	Achieving gender equality starts with the family: Teach your children well	https://www.dailymaverick.co.za/article/2020-04-03-achieving-gender-equality-starts-with-the-family-teach-your-children-well/	Daily Maverick	Kopano Ratele [MANCO]	Gender equality	1272741	11772.85	0	0	1	0
04-Apr-2020 06:00AM	Achieving gender equality starts with the family: Teach your children well	https://www.msn.com/en-za/lifestyle/family-and-relationships/achieving-gender-equality-starts-with-the-family-teach-your-children-well/ar-BB128jll	MSN South Africa	Kopano Ratele [MANCO]	Gender equality	23581	218.12	0	0	1	0
04-Apr-2020 01:41PM	Obituary: South Africa's towering healer, prophet and artist Credo Mutwa	https://citizen.co.za/news/opinion/2265364/obituary-south-africas-towering-healer-prophet-and-artist-credo-mutwa/	The Citizen	Sinethemba Makanya	Traditional medicine	1487366	13758.14	0	1	0	0
05-Apr-2020 01:29PM	"Verhoog asseblief kindertoelaes, Cyril!"	https://www.netwerk24.com/Nuus/Algemeen/verhoog-asseblief-kindertoelaes-cyrl-20200405	Netwerk24	Shanaaz Mathews [MANCO]	COVID-19, social grants	599140	5542.05	0	0	1	0
05-Apr-2020 11:46PM	Child hunger and COVID-19: Influential coalition urges President Ramaphosa to increase child support grants	https://www.dailymaverick.co.za/article/2020-04-05-inflential-coalition-urges-president-ramaphosa-to-increase-child-support-grants/	Daily Maverick	Shanaaz Mathews [MANCO]	COVID-19, social grants	1272741	11772.85	0	0	1	0
08-Apr-2020 11:15AM	Protect older people now, or children in the future?	https://www.businesslive.co.za/bd/opinion/2020-04-08-protect-older-people-now-or-children-in-the-future/	BusinessLIVE	Shanaaz Mathews [MANCO]	COVID-19, child health	747406	6913.51	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
09-Apr-2020 05:06PM	A lockdown on toxic and outdated masculinities needed more than ever	https://www.news24.com/Columnists/GuestColumn/opinion-a-lockdown-on-toxic-and-outdated-masculinities-needed-more-than-ever-20200409	News24	Leballo Tjemo-lane	Masculinities	4218921	39025.02	0	1	0	0
11-Apr-2020 05:00AM	'n Sangoma, 'n baanbreker en 'n generaal ...	https://www.netwerk24.com/Stemme/Profile/n-sangoma-n-baanbreker-en-n-generaal-20200410	Netwerk24	Sinethemba Makanya	Traditional medicine	599140	5542.05	0	1	0	0
12-Apr-2020 12:49AM	COVID-19 pandemic: inside government's plan to avert jobs bloodbath	https://www.timeslive.co.za/sunday-times/news/2020-04-12-covid-19-pandemic-inside-governments-plan-to-avert-jobs-bloodbath/	Sunday Times	Shanaaz Mathews [MANCO]	COVID-19, social grants	2697022	24947.45	0	0	1	0
15-Apr-2020 01:04PM	Mr President, please increase the child support grant for the next 6 months - DFA	https://www.dfa.co.za/opinion-and-features/mr-presidents-please-increase-the-child-support-grant-for-the-next-6-months-46728679	DFA	Shanaaz Mathews [MANCO]	COVID-19, social grants	69508	642.95	0	0	1	0
15-Apr-2020 01:44PM	President Ramaphosa, please increase the child support grant for the next 6 months	https://news365.co.za/the-next-6-months/	news365-South Africa	Shanaaz Mathews [MANCO]	COVID-19, social grants	90422	836.4	0	0	1	0
15-Apr-2020 02:11PM	Coronavirus: Intergenerational Issues (Part One): Old age grants hold together many a household	https://www.dailymaverick.co.za/article/2020-04-15-old-age-grants-hold-together-many-a-household/	Daily Maverick	Elena Moore	COVID-19, social grants	1272741	11772.85	0	1	0	0
15-Apr-2020 02:39PM	South Africa: Old Age Grants Hold Together Many a Household	https://allafrica.com/stories/202004150777.html	AllAfrica.com	Elena Moore	COVID-19, social grants	1078252	9973.83	0	1	0	0
16-Apr-2020 12:09PM	Coronavirus: Intergenerational Issues (Part Two): Women-headed households and COVID-19	https://www.dailymaverick.co.za/article/2020-04-16-women-headed-households-and-covid-19/	Daily Maverick	Elena Moore	COVID-19, social grants	1272741	11772.85	0	1	0	0
17-Apr-2020 02:31PM	Coronavirus: Intergenerational Issues (Part Three): Family dynamics in multi-generational households during COVID-19	https://www.dailymaverick.co.za/article/2020-04-17-family-dynamics-in-multi-generational-households-during-covid-19/	Daily Maverick	Elena Moore	COVID-19, social grants	1272741	11772.85	0	1	0	0
20-Apr-2020 01:21AM	Sidla imbuya ngothi (We are very poor): Child Support Grants and COVID-19	https://www.dailymaverick.co.za/article/2020-04-20-sidla-imbuya-ngothi-we-are-very-poor-child-support-grants-and-covid-19/	Daily Maverick	Elena Moore	COVID-19, social grants	1272741	11772.85	0	1	0	0
20-Apr-2020 03:30PM	South Africa: Sidla Imbuya Ngothi (We Are Very Poor) - Child Support Grants and COVID-19(Daily Maverick)	https://allafrica.com/stories/202004200918.html	AllAfrica.com	Elena Moore	COVID-19, social grants	1078252	9973.83	0	1	0	0
23-Apr-2020 07:00PM	Locked-down farmers fear starvation	https://mg.co.za/article/2020-04-23-locked-down-farmers-fear-starvation/	Mail & Guardian	Child Gauge 2019	Food security	515635	4769.62	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
24-Apr-2020 08:55AM	Six ways the lockdown could improve your family's health	https://www.parent24.com/Family/Health/six-ways-the-lockdown-could-improve-your-familys-health-20200424	Parent24	Stephanie Wrottesley	COVID-19, child health	799672	7396.97	0	1	0	0
28-Apr-2020 02:10PM	Hulpakket: 'Vroue en kinders trek weer aan kortste ent'	https://www.netwerk24.com/Nuus/Gesondheid/hulp pakket-vroue-en-kindere-trek-weer-aan-kortste-ent-20200428	Netwerk24	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives, GBV	599140	5542.05	0	0	0	1
29-Apr-2020 03:20PM	Could coronavirus threaten the benefits of stokvels for SA savers?	https://www.news24.com/fin24/Opinion/opinion-could-coronavirus-threaten-the-benefits-of-stokvels-for-sa-savers-20200429	News24	Norman Chivasa	Informal economy	5450197	50414.32	0	1	0	0
05-May-2020 01:26PM	Stats SA: More concerned about COVID-19 impact on economy than virus itself	https://retailbriefafrica.co.za/stats-sa-more-concerned-about-covid-19-impact-on-economy-than-virus-itself/	Retail Brief Africa	Ronelle Burger	COVID-19, health sector equity	1454	13.45	0	0	1	0
13-May-2020 05:03AM	According to a study conducted recently, there is	https://storage.googleapis.com/meltwaterafrica/20200520/2688033-1~15D4069.mp3	Ukhozi FM	Tamsen Rochat, Alessandra Prioreschi	Healthy Life Trajectories Initiative	7274000	67284.5	1	1	0	0
13-May-2020 06:05AM	According to a study conducted recently, there is	https://storage.googleapis.com/meltwaterafrica/20200513/2669773-11~15CF90E.mp3	Ligwalagwala FM	Tamsen Rochat, Alessandra Prioreschi	Healthy Life Trajectories Initiative	1105000	10221.25	1	1	0	0
13-May-2020 06:37AM	According to a study conducted recently, there is	https://storage.googleapis.com/meltwaterafrica/20200513/2648658-1~15CF4B3.mp3	Munghana Lonene FM	Tamsen Rochat, Alessandra Prioreschi	Healthy Life Trajectories Initiative	181200	1676.1	1	1	0	0
13-May-2020 06:51AM	According to a study conducted recently, there is	https://storage.googleapis.com/meltwaterafrica/20200513/2669684-11~15CF8B5.mp3	Motsweding FM	Tamsen Rochat, Alessandra Prioreschi	Healthy Life Trajectories Initiative	2363000	21857.75	1	1	0	0
14-May-2020 05:07PM	COVID-19 emergency child support grants need flexibility to accommodate fluid caregiving	https://www.dailymaverick.co.za/article/2020-05-14-covid-19-emergency-child-support-grants-need-flexibility-to-accommodate-fluid-caregiving/	Daily Maverick	Elena Moore	COVID-19, social grants	2191548	20271.82	0	0	1	0
15-May-2020 05:10PM	A delicate balance – the virus vs the education and wellbeing of our school children	https://www.msn.com/en-za/news/national/a-delicate-balance-%E2%80%93-the-virus-vs-the-education-and-wellbeing-of-our-school-children/ar-BB148d01	MSN South Africa	Child Gauge 2019	COVID-19, child health	24465	226.3	0	0	0	1
20-May-2020 06:36AM	Educate boys about toxicity of patriarchy and to abhor violence	https://www.sowetanlive.co.za/opinion/columnists/2020-05-20-educate-boys-about-toxicity-of-patriarchy-and-to-abhor-violence/	Sowetan Live	Kopano Ratele [MANCO]	GBV, masculinities	876805	8110.45	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
20-May-2020 07:20AM	Educate boys about toxicity of patriarchy and to abhor violence	https://headtopics.com/za/educate-boys-about-toxicity-of-patriarchy-and-to-abhor-violence-13143954	Head Topics	Kopano Ratele [MANCO]	GBV, masculinities	21098	195.16	0	0	1	0
21-May-2020 03:08PM	Children's safety should not be lost to COVID-19	https://www.news24.com/citypress/Voice/childrens-safety-should-not-be-lost-to-covid-19-20200516	City Press	Child Gauge 2019	COVID-19, violence in SA kids' lives	901436	8338.28	0	0	1	0
25-May-2020 03:57PM	PEP experts help lead Coronavirus Rapid Mobile Survey in South Africa	https://www.pep-net.org/pep-experts-help-lead-coronavirus-rapid-mobile-survey-south-africa	Partnership for economic partnership	Ronelle Burger	COVID-19, health sector equity	8725	80.71	0	0	1	0
26-May-2020 12:51AM	Malnutrition, health services and democracy: The responsibility to speak out	https://www.dailymaverick.co.za/article/2020-05-26-malnutrition-health-services-and-democracy-the-responsibility-to-speak-out/	Daily Maverick	Child Gauge 2018	COVID-19, food security	2191548	20271.82	0	0	1	0
26-May-2020 11:38AM	Effects of Covid19 on your Mental Health.	https://storage.googleapis.com/meltwaterafrica/20200528/2709310-1-15D938E.mp3	Radio 2000	Mercy Manyema	COVID-19, adverse childhood experiences	429000	3968.25	1	1	0	0
26-May-2020 12:05PM	Our COVID-19 strategy must include measures to reduce violence against women and children	https://www.iol.co.za/news/opinion/our-covid-19-strategy-must-include-measures-to-reduce-violence-against-women-and-children-48510271	IOL	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives	4095307	37881.59	0	1	0	0
26-May-2020 02:16PM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns	https://theconversation.com/we-tracked-soweto-mothers-to-be-to-find-out-more-about-diet-and-obesity-patterns-138989	The Conversation Africa	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	10408	96.27	0	1	0	0
26-May-2020 07:16PM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns	https://www.modernghana.com/news/1004800/we-tracked-soweto-mothers-to-be-to-find-out-more.html	Modern Ghana	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	844064	7807.59	0	1	0	0
26-May-2020 08:13PM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns	https://menafn.com/1100225231/Stephanie-Wrottesley	The Middle East North Africa Financial Network	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	333042	3080.82	0	1	0	0
27-May-2020 02:48AM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns The Conversation	https://www.myza.co.za/we-tracked-soweto-mothers-to-be-to-find-out-more-about-diet-and-obesity-patterns-the-conversation/	Myza.co.za	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	0	0	0	1	0	0
28-May-2020 02:23PM	South Africa: We Tracked Soweto Mothers-to-be to Find Out More About Diet and Obesity Patterns(The Conversation Africa)	https://allafrica.com/stories/202005280685.html	AlIAfrica.com	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	1078252	9973.83	0	1	0	0
30-May-2020 08:00AM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns	https://free-mail.co.za/we-tracked-soweto-mothers-to-be-to-find-out-more-about-diet-and-obesity-patterns/	Free-mail.co.za	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	0	0	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
05-Jun-2020 12:52AM	Cape Town: Children felled by gunfire in renewed gang violence	https://www.dailymaverick.co.za/article/2020-06-05-children-felled-by-gunfire-in-renewed-gang-violence/	Daily Maverick	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives	2191548	20271.82	0	0	1	0
05-Jun-2020 01:00PM	We tracked Soweto mothers-to-be to find out more about diet and obesity patterns	https://www.iol.co.za/lifestyle/health/diet/we-tracked-soweto-mothers-to-be-to-find-out-more-about-diet-and-obesity-patterns-48913351	IOL	Stephanie Wrottesley	Obstacles to healthy living, obesity, physical movement	4872186	45067.72	0	1	0	0
05-Jun-2020 02:46PM	The horror of child hunger stalks our land	https://www.dailymaverick.co.za/opinionista/2020-06-05-the-horror-of-child-hunger-stalks-our-land/	Daily Maverick	Child Gauge 2019	COVID-19, child health, food security	2191548	20271.82	0	0	1	0
15-Jun-2020 03:08PM	Decade-long study shows why South Africa needs to stop stereotyping young black men	https://theconversation.com/decade-long-study-shows-why-south-africa-needs-to-stop-stereotyping-young-black-men-140647	The Conversation Africa	Malose Langa [MANCO]	Young people, gender equality, adolescence	10408	96.27	0	1	0	0
15-Jun-2020 09:34PM	Black children's lives matter	https://www.dailymaverick.co.za/article/2020-06-15-black-childrens-lives-matter/	Daily Maverick	Child Gauge 2019	Child health, stunting	2191548	20271.82	0	0	1	0
16-Jun-2020 05:25AM	South Africa: Decade-Long Study Shows Why South Africa Needs to Stop Stereotyping Young Black Men(The Conversation Africa)	https://allafrica.com/stories/202006160072.html	AlIAfrica.com	Malose Langa [MANCO]	Young people, gender equality, adolescence	1352358	12509.31	0	1	0	0
16-Jun-2020 02:49PM	Decade-long study shows why South Africa needs to stop stereotyping young black men	https://www.sabcnews.com/sabcnews/decade-long-study-shows-why-south-africa-needs-to-stop-stereotyping-young-black-men/	SABC News	Malose Langa [MANCO]	Young people, gender equality, adolescence	207703	1921.25	0	1	0	0
18-Jun-2020 12:35PM	Virtual launch of 'Becoming Men' by Malose Langa on June 23	https://www.timeslive.co.za/sunday-times/books/events/2020-06-18-virtual-launch-of-becoming-men-by-malose-anga-on-june-23/	Times LIVE	Malose Langa [MANCO]	Young people, gender equality, adolescence	3559105	32921.72	0	1	0	0
21-Jun-2020 04:39PM	Decade-long study shows why SA needs to stop stereotyping young black men	https://www.thesouthafrican.com/lifestyle/decade-long-study-shows-why-sa-needs-to-stop-stereotyping-young-black-men/	The South African	Malose Langa [MANCO]	Young people, gender equality, adolescence	3323036	30738.08	0	1	0	0
27-Jun-2020 02:27AM	Becoming better men and general accepted masculinity in SA Citypress	https://www.news24.com/citypress/Trending/becoming-better-men-and-general-accepted-masculinity-in-sa-20200627	City Press	Malose Langa [MANCO]	Young people, gender equality, adolescence	901436	8338.28	0	1	0	0
03-Jul-2020 08:04PM	The unanticipated costs of COVID-19 to South Africa's quadruple disease burden	http://wecanchange.co.za/post/the-unanticipated-costs-of-covid-19-to-south-africa-s-quadruple-disease-burden	Wecanchange.co.za	Shane Norris	COVID-19, NCDs, child health, health sector equity, maternal & child health	59	0.55	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
06-Jul-2020 02:07PM	Nurturing care and the first 1000 days of life	https://www.sowetotv.co.za/	Soweto TV	Mercy Manyema	Maternal & child health, early childhood development, first 1000 days	365	3.38	1	1	0	0
09-Jul-2020 12:00AM	Stop dit nou!	https://storage.googleapis.com/meltwaterafrica/1343D03/LMA-1594020517825_1343D40.pdf	Kuier	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives, GBV	100214	926.98	0	0	1	0
12-Jul-2020 07:00PM	South Africa has the legislation but not enough action against gender-based violence	https://mg.co.za/opinion/2020-07-12-south-africa-has-the-legislation-but-not-enough-action-against-gender-based-violence/	Mail & Guardian	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives, GBV	1291901	11950.08	0	0	1	0
13-Jul-2020 02:28PM	The role of fathers in the first 1000 days of life from conception onwards	https://sowetotv.co.za	Soweto TV	Tawanda Makusha	Fatherhood, early childhood development, first 1000 days	365	3.38	1	1	0	0
15-Jul-2020 06:33AM	Patriarchy robs men of the most positive parts of being human with emotions	https://www.sowetanlive.co.za/opinion/columnists/2020-07-15-patriarchy-rob-men-of-the-most-positive-parts-of-being-human-with-emotions/	Sowetan Live	Kopano Ratele [MANCO]	Masculinities	1369019	12663.43	0	0	1	0
15-Jul-2020 10:27AM	Counting COVID-19's cost on other health issues	https://www.newframe.com/counting-covid-19s-cost-on-other-health-issues/	New Frame	Ronelle Burger	COVID-19, health sector equity	77706	718.78	0	1	0	0
15-Jul-2020 12:14PM	Vrees vir COVID-19 laat roetinesorg ly	https://www.netwerk24.com/Sake/Ekonomie/vrees-vir-covid-19-laai-roetinesorg-ly-20200715	Netwerk24	Ronelle Burger	COVID-19, food security, inequality, socio-economic	792860	7333.96	0	1	0	0
15-Jul-2020 12:49PM	South Africa: Counting COVID-19's Cost On Other Health Issues(New Frame)	https://allafrica.com/stories/202007150664.html	AllAfrica.com	Ronelle Burger	COVID-19, food security, inequality, socio-economic	1352358	12509.31	0	1	0	0
15-Jul-2020 01:00PM	Feeding a family	https://www.businesslive.co.za/fm/features/2020-07-15-feeding-a-family/	BusinessLIVE	Ronelle Burger	COVID-19, food security, inequality, socio-economic	1778040	16446.87	0	1	0	0
15-Jul-2020 01:10PM	COVID-19's Impact: 2020 Coronavirus Rapid Mobile Survey: an overview of results and findings	https://headtopics.com/za/covid-19s-impact-2020-coronavirus-rapid-mobile-survey-an-overview-of-results-and-findings-14349102	Head Topics	Ronelle Burger	COVID-19, food security, inequality, socio-economic	21098	195.16	0	1	0	0
16-Jul-2020 09:13AM	Counting COVID-19's cost on other health issues in SA	https://www.timeslive.co.za/sunday-times/lifestyle/health-and-sex/2020-07-16-counting-covid-19s-cost-on-other-health-issues-in-sa/	Times LIVE	Ronelle Burger	COVID-19, gender & health, health sector equity	3559105	32921.72	0	0	1	0
17-Jul-2020 12:00AM	SA has legislation but not enough action against GBV	https://storage.googleapis.com/meltwaterafrica/1343D10/NMU-1595243696799_1343FBC.pdf	The Weekly Free State	Shanaaz Mathews [MANCO]	COVID-19, violence in SA kids' lives, GBV	4950	45.79	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
24-Jul-2020 10:12AM	South Africa: The Long Shadow of Child Malnutrition in South Africa	https://allafrica.com/stories/202007240489.html	AllAfrica.com	Child Gauge 2019	COVID-19, food security, stunting, socio-economic, child health	1306481	12084.95	0	0	0	1
27-Jul-2020 02:40PM	The long shadow of child malnutrition in South Africa	https://www.msn.com/en-za/news/other/the-long-shadow-of-child-malnutrition-in-south-africa/ar-BB17dqBq	MSN South Africa	Child Gauge 2020	COVID-19, food security, stunting, socio-economic, child health	11510	106.47	0	0	0	1
28-Jul-2020 07:00PM	From 'academic boys' to 'sex-jaros': What it means to be a black boy in a South African township	https://mg.co.za/health/2020-07-28-malose-langa-south-african-norms-black-township-masculinity/	Mail & Guardian	Malose Langa [MANCO]	Violence in SA kids' lives, adolescence, masculinities	881598	8154.78	0	1	0	0
28-Jul-2020 09:00PM	From 'academic boys' to 'sex-jaros': What it means to be a black boy in a South African township	https://headtopics.com/za/from-academic-boys-to-sex-jaros-what-it-means-to-be-a-black-boy-in-a-south-african-township-14633989	Head Topics	Malose Langa [MANCO]	Violence in SA kids' lives, adolescence, masculinities	2277	21.06	0	1	0	0
28-Jul-2020 09:01PM	From 'academic boys' to 'sex-jaros': What it means to be a black boy in a South African township	https://www.newsnow24.co.za/from-academic-boys-to-sex-jaros-what-it-means-to-be-a-black-boy-in-a-south-african-township/	NewsNow24	Malose Langa [MANCO]	Violence in SA kids' lives, adolescence, masculinities	813	7.52	0	1	0	0
29-Jul-2020 03:00AM	'Academic boys' to 'sex jaros': What it means to be a Black boy in a South African township	https://bhakisisa.org/article/2020-07-29-malose-langa-south-african-norms-black-township-masculinity/	Bhekisisa.org	Malose Langa [MANCO]	Violence in SA kids' lives, adolescence, masculinities	28596	264.51	0	1	0	0
29-Jul-2020 06:01PM	This week parliament is paying particularly attention to gender-based violence	https://storage.googleapis.com/meltwaterafrica/202007292890363-11-1605794.mp3	Hot FM	Malose Langa [MANCO] Kopano Ratele [MANCO]	Violence in SA kids' lives, GBV	8000	74	1	1	0	0
05-Aug-2020 09:52AM	How to change boys' perception of what it means to be 'a real man'	http://kfm.co.za/articles/2020/08/05/how-to-change-boys-perception-of-what-it-means-to-be-a-real-man	KFM.co.za	Malose Langa [MANCO] Kopano Ratele [MANCO]	Fatherhood, gender equality	64107	592.99	0	1	0	0
05-Aug-2020 09:52AM	Wednesday panel: navigating manhood and masculinity	https://www.capetalk.co.za/articles/392025/how-to-change-boys-perception-of-what-it-means-to-be-a-real-man	Cape Talk	Malose Langa [MANCO] Kopano Ratele [MANCO]	Fatherhood, gender equality	461150	4265.64	1	1	0	0
05-Aug-2020 10:05AM	How to change boys' perception of what it means to be 'a real man'	http://www.947.co.za/articles/2020/08/05/how-to-change-boys-perception-of-what-it-means-to-be-a-real-man	947.co.za	Malose Langa [MANCO] Kopano Ratele [MANCO]	Fatherhood, gender equality	51667	477.92	0	1	0	0
07-Aug-2020 12:41PM	Make it hard for 'trash' to exist: say experts in fight against GBV	https://citizen.co.za/news/south-africa/society/2337092/make-it-hard-for-trash-to-exist-say-experts-in-fight-against-gender-based-violence/	The Citizen	Malose Langa [MANCO]	Masculinities, gender equality, GBV	1533363	14183.61	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
07-Aug-2020 10:28PM	GBV: 'Show up in ways that make it harder for the trash to be trash' - experts tell men	https://www.news24.com/news24/SouthAfrica/News/gbv-show-up-in-ways-that-make-it-harder-for-the-trash-to-be-trash-experts-tell-men-20200807	News24	Malose Langa [MANCO]	Masculinities, gender equality, GBV	5588145	51690.34	0	1	0	0
10-Aug-2020 02:41AM	South African policy isn't connecting child nutrition and sanitation	https://www.barbadosnews.net/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Barbados News. Net	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	250	2.31	0	1	0	0
10-Aug-2020 01:02PM	South African policy isn't connecting child nutrition and sanitation	https://theconversation.com/south-african-policy-isnt-connecting-child-nutrition-and-sanitation-143044	The Conversation Africa	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	32407	299.76	0	1	0	0
10-Aug-2020 03:57PM	South African policy isn't connecting child nutrition and sanitation - South Africa	https://reliefweb.int/report/south-africa/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	ReliefWeb	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	1096754	10144.97	0	1	0	0
10-Aug-2020 04:49PM	South African policy isn't connecting child nutrition and sanitation	https://www.venezuelastar.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Venezuela Star	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	0	0	0	1	0	0
10-Aug-2020 04:54PM	South African policy isn't connecting child nutrition and sanitation	https://www.mexicostar.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Mexico Star	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	62	0.57	0	1	0	0
10-Aug-2020 05:20PM	South African policy isn't connecting child nutrition and sanitation	https://www.internationaltravelnews.com/news/26048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	International Travel News	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	0	0	0	1	0	0
10-Aug-2020 05:24PM	South African policy isn't connecting child nutrition and sanitation	https://www.nigeriasun.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Nigeria Sun	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	41	0.38	0	1	0	0
10-Aug-2020 05:30PM	South African policy isn't connecting child nutrition and sanitation	https://www.heraldglobe.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Herald Globe	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	74	0.68	0	1	0	0
10-Aug-2020 05:31PM	South African policy isn't connecting child nutrition and sanitation	https://www.bignewsnetwork.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Big News Network.com	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	121361	1122.59	0	1	0	0
10-Aug-2020 05:31PM	South African policy isn't connecting child nutrition and sanitation	https://www.manilametro.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Manila Metro News	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	107	0.99	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
10-Aug-2020 05:31PM	South African policy isn't connecting child nutrition and sanitation	https://www.hongkongherald.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Hong Kong Herald	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	434	4.01	0	1	0	0
10-Aug-2020 05:35PM	South African policy isn't connecting child nutrition and sanitation	https://www.argentinastar.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Argentina Star	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	173	1.6	0	1	0	0
10-Aug-2020 05:39PM	South African policy isn't connecting child nutrition and sanitation	https://www.india gazette.com/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	India Gazette	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	141	1.3	0	1	0	0
10-Aug-2020 06:48PM	South African policy isn't connecting child nutrition and sanitation The Conversation	https://www.myza.co.za/south-african-policy-isnt-connecting-child-nutrition-and-sanitation-the-conversation/	Myza.co.za	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	0	0	0	1	0	0
10-Aug-2020 06:52PM	South African policy isn't connecting child nutrition and sanitation	https://www.beijingnews.net/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Beijing News	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	1686	15.6	0	1	0	0
10-Aug-2020 06:57PM	South African policy isn't connecting child nutrition and sanitation	https://www.tajikistannews.net/news/266048012/south-african-policy-isnt-connecting-child-nutrition-and-sanitation	Tajikistan News. Net	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	910	8.42	0	1	0	0
10-Aug-2020 09:00PM	South African policy isn't connecting child nutrition and sanitation	https://free-mail.co.za/south-african-policy-isnt-connecting-child-nutrition-and-sanitation/	Free-mail.co.za	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	0	0	0	1	0	0
11-Aug-2020 07:28AM	South Africa: Policy Isn't Connecting Child Nutrition and Sanitation(The Conversation Africa)	https://africafree.com/stories/202008110100.html	AllAfrica.com	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, stunting, socio-economic, policy analysis	1191047	11017.18	0	1	0	0
12-Aug-2020 12:21AM	Adding insult to injury: When you're a woman and a caregiver, you're not a citizen	https://www.dailymaverick.co.za/article/2020-08-12-adding-insult-to-injury-when-youre-a-womxn-and-a-caregiver-youre-not-a-citizen/	Daily Maverick	Elena Moore	COVID-19, families, socio-economic, social grants	1454849	13457.35	0	1	0	0
12-Aug-2020 11:40AM	Disturbing Crime Rate In SA Shows We Have A Serious Problem On Our Hands	https://howsouthafrica.com/disturbing-crime-rate-in-sa-shows-we-have-a-serious-problem-on-our-hands/	How South Africa	Birth to Twenty Plus	Violence in SA kids' lives	1042	9.64	0	0	0	1
17-Aug-2020 02:38PM	I have a story to tell about Daveyton	https://ifaaza.org/i-have-a-story-to-tell-about-daveyton/	Iaaza.org	Siphelo Ngcwangu	COVID-19, young people, socio-economic	0	0	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
23-Aug-2020 12:00AM	One year since Uvinene died	https://storage.googleapis.com/meltwaterafrica/1343D77/TMA-1598159478803_1343FB2.pdf	Sunday Times	Shanaaz Mathews [MANCO]	GBV	125000	1156.25	0	0	1	0
23-Aug-2020 09:01AM	South African policy is failing to connect child nutrition and sanitation	https://www.dispatchlive.co.za/news/opinion/2020-08-23-south-african-policy-is-failing-to-connect-child-nutrition-and-sanitation/	DispatchLIVE	Rihlat Said Mohamed	Water, sanitation & hygiene, food security, socio-economic, policy analysis	331388	3065.34	0	1	0	0
25-Aug-2020 12:22AM	Uvinene, one year later: Patriarchy and the 'boy code' that makes monsters of males	https://www.dailymaverick.co.za/article/2020-08-25-uvine-ne-one-year-later-patriarchy-and-the-boy-code-that-makes-monsters-of-males/	Daily Maverick	Malose Langa [MANCO], Kopano Ratele [MANCO]	GBV, masculinities	1454849	13457.35	0	1	0	0
25-Aug-2020 09:32AM	Uvinene, one year later: Patriarchy and the 'boy code' that makes monsters of males	https://www.msn.com/en-za/news/other/uvine-ne-one-year-later-patriarchy-and-the-boy-code-that-makes-monsters-of-males/ar-BB18ke80	MSN South Africa	Malose Langa [MANCO], Kopano Ratele [MANCO]	GBV, masculinities	14909	137.91	0	1	0	0
25-Aug-2020 11:25AM	SA must break down 'boyhood code' in fight against GBV, say experts	https://ewn.co.za/2020/08/25/sa-must-break-down-boyhood-code-in-fight-against-gbv-say-experts	Eyewitness News	Malose Langa [MANCO]	GBV, masculinities	1891900	17500.08	0	1	0	0
25-Aug-2020 05:24PM	GBV: How will it end?	https://www.news.uct.ac.za/article/2020-08-25-gbv-how-will-it-end	UCT News	Malose Langa [MANCO], Kopano Ratele [MANCO]	GBV, masculinities	73747	682.16	0	1	0	0
27-Aug-2020 10:56AM	#WomenoSU: Addressing poverty and health inequalities in Africa	https://www.sun.ac.za/english/lists/news/DispForm.aspx?ID=7632	Stellenbosch University	Ronelle Burger	Inequality, health sector equity	239268	2213.23	0	1	0	0
01-Sep-2020 09:14AM	'Deeper than connectivity': Education specialist talks online learning and digital empowerment in SA	https://www.news24.com/parent/learn/learning-difficulties/deeper-than-connectivity-education-specialist-talks-online-learning-and-digital-empowerment-in-sa-20200831	News24	Michael Gastrow	4IR	4912017	45436.16	0	1	0	0
02-Sep-2020 01:45PM	Eminent Wits epidemiologist elected to African Academy of Sciences	https://www.wits.ac.za/news/latest-news/general-news/2020/2020-09/eminent-wits-epidemiologist-elected-to-african-academy-of-sciences.html	University of The Witwatersrand	Shane Norris	[Accolade]	521594	4824.74	0	1	0	0
03-Sep-2020 12:15PM	Present fathers provide important emotional support to children - researchers	https://ewn.co.za/2020/09/03/present-fathers-provide-important-emotional-support-to-children-researchers	Eyewitness News	Tawanda Makusha, Mercy Manyema	Fatherhood, masculinities, first 1000 days, Headlines webinar series	1891900	17500.08	0	1	0	0
08-Sep-2020 12:00AM	Dads play an important role	https://storage.googleapis.com/meltwaterafrica/1343DCD/IMU-1599560372225_134407F.pdf	People's Post Constantia-Wynberg	Tawanda Makusha	Fatherhood, masculinities, first 1000 days, early childhood development, Headlines webinar series	30069	278.14	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
08-Sep-2020 12:00AM	Dads play an important role	https://storage.googleapis.com/meltwaterafrica/1343DCD/PPJ-1599560792167_1344137.pdf	People's Post Retreat	Tawanda Makusha	Fatherhood, masculinities, first 1000 days, early childhood development, Headlines webinar series	23423	216.66	0	1	0	0
08-Sep-2020 12:00AM	Dads play an important role	https://storage.googleapis.com/meltwaterafrica/1343DCC/LME-1599560465216_1343ECO.pdf	People's Post Grassy Park	Tawanda Makusha	Fatherhood, masculinities, first 1000 days, early childhood development, Headlines webinar series	21838	202	0	1	0	0
08-Sep-2020 12:47PM	Dads play an important role	https://www.news24.com/news24/SouthAfrica/Local/Peoples-Post/dads-play-an-important-role-20200907	News24	Tawanda Makusha, Mercy Manyema	Fatherhood, masculinities, first 1000 days, early childhood development, Headlines webinar series	5145592	47596.73	0	1	0	0
09-Sep-2020 03:25PM	South African singer Nakhane redefines ideas of masculinity	https://theconversation.com/south-african-singer-nakhane-redefines-ideas-of-masculinity-144957	The Conversation Africa	Kopano Ratele [MANCO]	Masculinities	13649	126.25	0	0	1	0
09-Sep-2020 06:51PM	South African Singer Nakhane Redefines Ideas of Masculinity	https://www.sapeople.com/2020/09/09/south-african-singer-nakhane-redefines-ideas-of-masculinity/	SAPeople	Kopano Ratele [MANCO]	Masculinities	183974	1701.76	0	0	1	0
09-Sep-2020 07:26PM	South Africa: South African Singer Nakhane Redefines Ideas of Masculinity(The Conversation Africa)	https://allafrica.com/stories/202009091107.html	AllAfrica.com	Kopano Ratele [MANCO]	Masculinities	1238512	11456.24	0	0	1	0
14-Sep-2020 05:34PM	South African singer Nakhane redefines ideas of masculinity	https://www.dailymaverick.co.za/article/2020-09-14-south-african-singer-nakhane-redefines-ideas-of-masculinity/	Daily Maverick	Kopano Ratele [MANCO]	Masculinities	1357058	12552.79	0	0	1	0
15-Sep-2020 06:28PM	South African singer Nakhane redefines ideas of masculinity	https://www.msn.com/en-za/news/other/south-african-singer-nakhane-redefines-ideas-of-masculinity/ar-BB191GaE	MSN South Africa	Kopano Ratele [MANCO]	Masculinities	17903	165.6	0	0	1	0
16-Sep-2020 10:07AM	Women and children will continue to die until we dismantle toxic masculinity	https://www.news24.com/news24/columnists/guestcolumn/opinion-women-and-children-will-continue-to-die-until-we-dismantle-toxic-masculinity-20200916	News 24	Leballo Tjennolane	GBV, mental health	4158	38.46	0	1	0	0
16-Sep-2020 05:20PM	South African singer Nakhane redefines ideas of masculinity	https://ewn.co.za/2020/09/16/south-african-singer-nakhane-redefines-ideas-of-masculinity	Eyewitness News	Kopano Ratele [MANCO]	Masculinities	1812316	16763.92	0	0	1	0
18-Sep-2020 07:13PM	Min geesteshulp op platteland wek kommer	https://www.netwerk24.com/Nuus/Gesondheid/min-geesteshulp-op-platteland-wek-kommer-20200918	Netwerk24	Shanaaz Mathews [MANCO]	Mental health	685027	6336.5	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
19-Sep-2020 10:08AM	Feeling hopeless and lonely: The impact of COVID-19 on adolescents	https://www.news24.com/news24/analysis/analysis-feeling-hopeless-and-lonely-the-impact-of-covid-19-on-adolescents-20200919	News 24	Ingrid Puseleto Mokhtilinyane	COVID-19, mental health, adolescence	30880	285.64	0	1	0	0
21-Sep-2020 12:00AM	Min geesteshulp op platteland	https://storage.googleapis.com/meltwaterafrica/1343DD9/NNA-1600672579118_1344187.pdf	Volkblad-Daily	Shanaaz Mathews [MANCO]	GBV, mental health	13906	128.63	0	0	1	0
24-Sep-2020 07:17PM	Xenophobia: Protest against foreign nationals a signal that violence may follow, say experts	https://www.dailymaverick.co.za/article/2020-09-24-protest-against-foreign-nationals-a-signal-that-violence-may-follow-say-experts/	Daily Maverick	Steven Gordon	Xenophobia	1357058	12552.79	0	0	1	0
24-Sep-2020 09:45PM	Protest against foreign nationals a signal that violence may follow, say experts	https://www.msn.com/en-za/news/other/protest-against-foreign-nationals-a-signal-that-violence-may-follow-say-experts/ar-BB19oInV	MSN South Africa	Steven Gordon	Xenophobia	17903	165.6	0	0	1	0
25-Sep-2020 05:50AM	Hongersnood onder kinders in Suid-Afrika	https://maroelamedia.co.za/goeiegoed/ouerskap/hongersnood-onder-kindens-in-suid-afrika/	Maroela Media	Child Gauge 2019	Food security	534205	4941.4	0	0	0	1
26-Sep-2020 12:00AM	Many turn to us, so let us help in the fight, say traditional healers	https://storage.googleapis.com/meltwaterafrica/1343DE0/TMO-1601106585403_1343F77.pdf	Saturday Dispatch	Sinehemba Makanya	COVID-19, traditional medicine	14973	138.5	0	1	0	0
28-Sep-2020 01:55PM	South African singer Nakhane redefines ideas of masculinity	https://citizen.co.za/lifestyle/your-life-entertainment/your-life/2363576/south-african-singer-nakhane-redefines-ideas-of-masculinity/	The Citizen	Kopano Ratele [MANCO]	Masculinities	1374121	12710.62	0	0	1	0
01-Oct-2020 12:00AM	Alumni achievers	https://storage.googleapis.com/meltwaterafrica/1343E2A/NSU-1601617247376_1343EA5.pdf	Wits Review	Shane Norris	[Accolade]	20000	185	0	1	0	0
05-Oct-2020 03:05PM	Playtime in Soweto: what mothers said about activity for toddlers	https://theconversation.com/playtime-in-soweto-what-mothers-said-about-activity-for-toddlers-146411	The Conversation Africa	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	13649	126.25	0	1	0	0
05-Oct-2020 06:15PM	Playtime in Soweto: what mothers said about activity for toddlers	https://www.modernghana.com/news/1033638/playtime-in-soweto-what-mothers-said-about-activi.html	Modern Ghana	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	487581	4510.12	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
05-Oct-2020 08:20PM	Alessandra Prioreschi	https://menafn.com/1100904674/Alessandra-Prioreschi	The Middle East North Africa Financial Network	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	295058	2729.29	0	1	0	0
05-Oct-2020 08:45PM	Playtime in Soweto: what mothers said about activity for toddlers	https://www.sierraleonetimes.com/news/266604699/playtime-in-soweto-what-mothers-said-about-activity-for-toddlers	Sierra Leone Times	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	903	8.35	0	1	0	0
05-Oct-2020 08:57PM	Playtime in Soweto: what mothers said about activity for toddlers	https://www.bignewsnetwork.com/news/266604699/playtime-in-soweto-what-mothers-said-about-activity-for-toddlers	Big News Network.com	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	119712	1107.34	0	1	0	0
05-Oct-2020 09:01PM	Playtime in Soweto: what mothers said about activity for toddlers	https://www.ngeriasun.com/news/266604699/playtime-in-soweto-what-mothers-said-about-activity-for-toddlers	Nigeria Sun	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	0	0	0	1	0	0
06-Oct-2020 06:31AM	Playtime in Soweto: What mothers said about activity for toddlers	https://www.enca.com/analysis/playtime-soweto-what-mothers-said-about-activity-toddlers	ENCA	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	974613	9015.17	0	1	0	0
06-Oct-2020 07:41AM	South Africa: Playtime in Soweto - What Mothers Said About Activity for Toddlers [analysis] The Conversation Africa Physical activity, sleep and rest time are important for young children. They ensure healthy growth and development. And the best way	https://allafrica.com/stories/202010060146.html	AlAfrica.com	Alessandra Prioreschi	Physical movement, child's cognitive ability, Early Years Movement Guidelines, early childhood development	1238512	11456.24	0	1	0	0
12-Oct-2020 06:53PM	Anti-refugee prejudice in the Western Cape: solutions for hardship and hatred	https://www.dailymaverick.co.za/article/2020-10-12-anti-refugee-prejudice-in-the-western-cape-solutions-for-hardship-and-hatred/	Daily Maverick	Steven Gordon	Xenophobia	1334528	12344.38	0	1	0	0
14-Oct-2020 12:37PM	Anti-refugee prejudice in the Western Cape	https://www.capetalk.co.za/articles/398588/anti-refugee-sentiment-wide-spread-in-the-western-cape-according-to-report?ref=id:22	Cape Talk	Steven Gordon	Xenophobia	282753	2615.47	1	1	0	0
15-Oct-2020 06:47AM	South Africa: Anxiety in Johannesburg - New Views On a Global South City(The Conversation Africa)	https://allafrica.com/stories/202010150183.html	AlAfrica.com	Kopano Ratele [MANCO]	Mental health	1257326	11630.27	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
16-Oct-2020 07:29PM	Why we hate: New research into SA's anti-immigrant attitude	https://www.timeslive.co.za/news/south-africa/2020-10-16-why-we-hate-new-research-into-sas-anti-immigrant-attitude/	Times LIVE	Steven Gordon	Xenophobia	2253143	20841.57	0	0	0	1
16-Oct-2020 08:12PM	Why we hate: New research into SA's anti-immigrant attitude	https://www.dispatchlive.co.za/new-research-into-sas-anti-immigrant-attitude-16310766	DispatchLIVE	Steven Gordon	Xenophobia	278533	2576.43	0	0	0	1
16-Oct-2020 10:41PM	Why we hate: New research into SA's anti-immigrant attitude	https://headtopics.com/za/why-we-hate-new-research-into-sas-anti-immigrant-attitude-16310766	Head Topics	Steven Gordon	Xenophobia	3182	29.43	0	0	0	1
17-Oct-2020 11:00AM	Negatieve gevoelens oor migranten nog algemeen, toon opname	https://www.netwerk24.com/Nuus/Politiek/negatiewe-gevoelens-oor-migrante-nog-algemeen-toon-opname-20201017	Netwerk24	Steven Gordon	Xenophobia	577029	5337.52	0	0	1	0
19-Oct-2020 12:41PM	#PutSouthAfricaFirst movement causing alarm with xenophobic sentiment	https://www.iol.co.za/capetown/news/putsouthafricafirst-movement-causing-alarm-with-xenophobic-sentiment-6d917a50-69a4-46fe-9fbb-8a081452df61	IOL	Steven Gordon	Xenophobia	3585704	33167.76	0	0	0	1
02-Nov-2020 02:50PM	Study sheds light on how South Africa can best tackle prejudice against migrants	https://theconversation.com/study-sheds-light-on-how-south-africa-can-best-tackle-prejudice-against-migrants-148812	The Conversation Africa	Steven Gordon	Xenophobia	17157679	158708.53	0	1	0	0
03-Nov-2020 07:33AM	South Africa: Study Sheds Light On How Best To Tackle Prejudice Against Migrants(The Conversation Africa)	https://allafrica.com/stories/202011030140.html	AllAfrica.com	Steven Gordon	Xenophobia	1257326	11630.27	0	1	0	0
03-Nov-2020 02:15AM	Study sheds light on how South Africa can best tackle prejudice against migrants	https://za.investing.com/news/study-sheds-light-on-how-south-africa-can-best-tackle-prejudice-against-migrants-2201492	Investing.com	Steven Gordon	Xenophobia	4130125	38203.66	0	1	0	0
03-Nov-2020 07:55AM	How SA can best tackle xenophobia & prejudice against migrants - HSRC study	https://ewn.co.za/2020/11/03/how-sa-can-best-tackle-xenophobia-and-prejudice-against-migrants-hsrc-study	Eyewitness News	Steven Gordon	Xenophobia	1580169	14616.56	0	1	0	0
03-Nov-2020 11:58AM	Study sheds light on how South Africa can best tackle prejudice against migrants	https://www.polity.org.za/article/study-sheds-light-on-how-south-africa-can-best-tackle-prejudice-against-migrants-2020-11-03	Polity.org.za	Steven Gordon	Xenophobia	53133	491.48	0	1	0	0
03-Nov-2020 03:12PM	Study sheds light on how SA can best tackle prejudice against migrants	https://www.enca.com/analysis/study-sheds-light-how-sa-can-best-tackle-prejudice-against-migrants	ENCA	Steven Gordon	Xenophobia	766259	7087.9	0	1	0	0
05-Nov-2020 07:34PM	UnThere Men: Indoda Mayibye critically discussed	https://www.dailymaverick.co.za/article/2020-11-05-unthere-men-indoda-mayibye-critically-discussed/	Daily Maverick	Kopano Ratele [MANCO]	Masculinities	1334528	12344.38	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
06-Nov-2020 05:03AM	So kan diabetes jou oë aantas	https://www.netwerk24.com/Onspan/Gesondheid/so-kan-diabetes-jou-oë-aantas-20201105	Netwerk24	Child Gauge 2019	NCDs	617288	5709.91	0	0	1	0
06-Nov-2020 10:46AM	Study Sheds Light On How South Africa Can Best Tackle Prejudice Against Migrants	https://howsouthafrica.com/study-sheds-light-on-how-south-africa-can-best-tackle-prejudice-against-migrants/	How South Africa	Steven Gordon	Xenophobia	609	5.63	0	1	0	0
12-Nov-2020 11:22AM	World Diabetes Day: Childhood Obesity and the Risk for Diabetes	https://mumsmail.com/world-diabetes-day-childhood-obesity-and-the-risk-for-diabetes/	Mums Mail	Child Gauge 2019	NCDs	1301	12.03	0	0	1	0
12-Nov-2020 11:30AM	World Diabetes Day: Childhood Obesity and the Risk for Diabetes	https://spice4life.co.za/healthy_living/world-diabetes-day-childhood-obesity-and-the-risk-for-diabetes/	Spice4Life	Child Gauge 2019	NCDs	4396	40.66	0	0	1	0
14-Nov-2020 12:00PM	Involving children in meal preparation may help improve their nutrition levels	https://www.iol.co.za/lifestyle/family/parenting/involving-children-in-meal-preparation-may-help-improve-their-nutrition-levels-461c7f37-762e-4bd3-801a-4e8cc0bb3a83	IOL	Child Gauge 2019	Food security	3113765	28802.33	0	0	1	0
15-Nov-2020 07:29PM	Short term depopulation like through mass migration	https://storage.googleapis.com/meltwaterafrica/202011173214936-11-1654CF5.mp4	M-Net	Nicole de Wet-Billings [MANCO]	Demography	2620834	24242.71	1	0	0	1
16-Nov-2020 01:19PM	Involving Children In Meal Preparation May Help Improve Their Nutrition Levels	https://howsouthafrica.com/involving-children-in-meal-preparation-may-help-improve-their-nutrition-levels/	How South Africa	Child Gauge 2019	Food security	609	5.63	0	0	1	0
23-Nov-2020 07:35AM	Leading Paediatrician Shares Summer Safety Tips for Parents	https://www.goodthingsguy.com/lifestyle/leading-paediatrician-shares-summer-safety-tips-for-parents/	Good Things Guy	Child Gauge 2019	Child health	138453	1280.69	0	0	1	0
25-Nov-2020 07:00PM	Journey through anxious Joburg	https://img.co.za/opinion/2020-11-25-journey-through-anxious-joburg/	Mail & Guardian	Kopano Ratele [MANCO]	Mental health	802689	7424.87	0	0	1	0
27-Nov-2020 10:01AM	Managing HIV and diabetes together: South African patients tell their stories	https://theconversation.com/managing-hiv-and-diabetes-together-south-african-patients-tell-their-stories-150394	The Conversation Africa	Edna Bosire	NCDs, HIV	19079275	176483.29	0	1	0	0
27-Nov-2020 01:33PM	South Africa: Managing HIV and Diabetes Together - South African Patients Tell Their Stories [analysis] The Conversation Africa South Africa faces a quadruple burden of disease: HIV, tuberculosis (TB), noncommunicable diseases such as Type 2 diabetes	https://allafrica.com/stories/202011270855.html	AllAfrica.com	Edna Bosire	NCDs, HIV	1238363	11454.86	0	1	0	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
27-Nov-2020 01:56PM	Managing HIV and diabetes together: South African patients tell their stories	https://www.modernghana.com/news/1045967/managing-hiv-and-diabetes-together-south-african.html	Modern Ghana	Edna Bosire	NCDs, HIV	436611	4038.65	0	1	0	0
27-Nov-2020 09:25PM	Managing HIV and diabetes together: South African patients tell their stories	https://menafn.com/1101197157/Dr-Edna-N-Bosire&source=27	The Middle East North Africa Financial Network	Edna Bosire	NCDs, HIV	350495	3242.08	0	1	0	0
29-Nov-2020 12:38AM	End this heartbreaking cycle of violence against children	https://www.timeslive.co.za/sunday-times/opinion-and-analysis/2020-11-29-and-this-heartbreaking-cycle-of-violence-against-children/	Sunday Times	Shanaaz Mathews [MANCO]	Violence in SA kids' lives	2232682	20652.31	0	1	0	0
01-Dec-2020 02:47AM	World Aids Day: Managing HIV and diabetes	https://omny.fm/shows/early-break-fast-with-abongile-nzelezele/world-aids-day-managing-hiv-and-diabetes	Omny.fm	Edna Bosire	NCDs, HIV	747773	6916.9	0	1	0	0
01-Dec-2020 05:53AM	World Aids Day: Managing HIV and diabetes	https://storage.googleapis.com/meltwaterafrica/20201201/3255579-11-165ECOC.mp3	Cape Talk	Edna Bosire	NCDs, HIV	282753	2615.47	1	1	0	0
01-Dec-2020 12:10PM	Managing HIV and diabetes together: South African patients tell their stories	http://www.besinesstimesafrica.net/index.php/details/item/6400-managing-hiv-and-diabetes-together-south-african-patients-tell-their-stories	Business Times Africa	Edna Bosire	NCDs, HIV	379	3.51	0	1	0	0
01-Dec-2020 02:16PM	HIV-SIDA está a aumentar entre raparigas na África do Sul	https://www.noticiasaminuto.com/mundo/1638397/hiv-sida-esta-a-aumentar-entre-raparigas-na-afrika-do-sul	Noticias Ao Minuto	Edna Bosire	NCDs, HIV	6900411	63828.8	0	1	0	0
01-Dec-2020 02:48PM	Managing HIV and Diabetes Together: South African Patients Tell Their Stories	https://www.sapeople.com/2020/12/01/managing-hiv-and-diabetes-together-south-african-patients-tell-their-stories/	SAPeople.com	Edna Bosire	NCDs, HIV	188696	1745.44	0	1	0	0
01-Dec-2020 03:59PM	World AIDS Day Accessing HIV/AIDS treatment in South Africa	https://www.youtube.com/watch?v=0HeEDKtf-1g	SABC News channel	Edna Bosire	NCDs, HIV	0	0	1	1	0	0
02-Dec-2020 12:07AM	HIV-AIDS is on the rise among girls in South Africa	https://alkhaleejtoday.co/international/5483094/HIV-AIDS-is-on-the-rise-among-girls-in-South-Africa.html	Alkhaleej Today	Edna Bosire	NCDs, HIV	543083	5023.52	0	0	1	0
02-Dec-2020 10:03AM	How men need to show up to end GBV, join in here	https://www.dailysun.co.za/Lifestyle/how-men-need-to-show-up-to-end-gbv-join-in-here-20201202	Daily Sun	Malose Langa [MANCO]	GBV	382909	3541.91	0	0	1	0
02-Dec-2020 03:00PM	Don't hide child abuse, pleads Red Cross War Memorial Children's Hospital	https://www.iol.co.za/capeargus/news/dont-hide-child-abuse-pleads-red-cross-war-memorial-childrens-hospital-4a612e7c0fde-479d-8b6b-86232216eb51?ar=BB1bBXXg	IOL	Shanaaz Mathews [MANCO]	Violence in SA kids' lives	3113765	28802.33	0	0	1	0

Date	Headline	URL	Source	Researcher or CoE project	Topics	Reach	AVE	Broadcast?	Direct coverage	Mention	Shared coverage
03-Dec-2020 10:37PM	'Granny was the true parent': Cautious reflection is required on the court ruling allowing a caregiver grandparent to inherit	https://www.dailymaverick.co.za/article/2020-12-03-granny-was-the-true-parent-cautious-reflection-is-required-on-the-court-ruling-allowing-a-caregiver-grandparent-to-inherit/	Daily Maverick	Elena Moore	Social grants	1369048	12663.69	0	1	0	0
04-Dec-2020 01:20AM	'Granny was the true parent': Cautious reflection is required on the court ruling allowing a caregiver grandparent to inherit	https://www.msn.com/en-za/news/other/granny-was-the-true-parent-cautious-reflection-is-required-on-the-court-ruling-allowing-a-caregiver-grandparent-to-inherit/ar-BB1bBXXg	MSN South Africa	Elena Moore	Social grants	29415	272.09	0	1	0	0
06-Dec-2020 11:44PM	Beware the violence of intimacy: On consent and safe spaces	https://www.dailymaverick.co.za/article/2020-12-06-beware-the-violence-of-intimacy-on-consent-and-safe-spaces/	Daily Maverick	Kopano Ratele [MANCO]	Fatherhood, GBV, Masculinities	1383248	12663.69	0	0	1	0
07-Dec-2020 04:34PM	Ending violence against women and children requires a shift in our thinking and practices	https://www.iol.co.za/news/opinion/ending-violence-against-women-and-children-requires-a-shift-in-our-thinking-and-practices-a4649de4-c44e-4937-9209-151b9135fa1a	IOL	Shanaaz Mathews [MANCO]	GBV, Violence in SA kids' lives	1383248	28802.33	0	1	0	0
08-Dec-2020 10:41PM	Ending violence against women and children requires a shift in our thinking and practices	https://www.voices360.com/gender/ending-violence-against-women-and-children-requires-a-shift-in-our-thinking-and-practices-48df2cbf-e04e-4d97-a7d2-2f86e7b97459	Voices360	Shanaaz Mathews [MANCO]	GBV, Violence in SA kids' lives	1383248	22.98	0	1	0	0
15-Dec-2020 10:48PM	Benefiting from hindsight: Assessing the unintended consequences of the pandemic on preventive health services	https://www.dailymaverick.co.za/article/2020-12-15-benefiting-from-hindsight-assessing-the-unintended-consequences-of-the-pandemic-on-preventive-health-services/	Daily Maverick	Ronelle Burger	COVID-19, health sector equity	1383248	13451.38	0	1	0	0
16-Dec-2020 01:40PM	Benefiting From Hindsight - Assessing the Unintended Consequences of the Pandemic On Preventive Health Services	https://allafrica.com/stories/202012160777.html	AllAfrica.com	Ronelle Burger	COVID-19, health sector equity	1383248	12870.96	0	1	0	0
17-Dec-2020 07:00PM	Unpacking Johannesburg's myriad anxieties	https://sowetogazette.com/unpacking-johannesburgs-myrriad-anxieties/	The Soweto Gazette	Kopano Ratele [MANCO]	Mental health	1383248	4.5	0	0	1	0
17-Dec-2020 07:00PM	Unpacking Johannesburg's myriad anxieties	https://mg.co.za/friday/2020-12-17-unpacking-johannesburgs-myrriad-anxieties/	Mail & Guardian	Kopano Ratele [MANCO]	Mental health	1383248	7471.59	0	0	1	0
						241679931	2254077.53	14	144	57	11

Appendix 9: Audited financial statements

NRF FUNDS DESCRIPTION	Balances B/F 2019	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	TOTAL for 2020	Committed Funds	Total Income and Expenditures to Date
Balances brought forward	518,611	R 1,305,339.42	R 1,789,388.58	R 890,820.32	R 5,869,141.83	R 5,076,735.31	R 3,423,594.36	R 1,986,027.44	R 419,356.34	-R 516,323.95	R 4,349,017.55	R 3,950,820.43	R 3,781,159.74	R 518,611.00	R 0.00	R 518,611.00
NRF 2019 Allocation	0			R 6,077,531.00						R 6,077,531.50				R 12,155,062.50	R 0.00	R 12,155,062.50
Accumulated Interest from the interest bearing account	786,728	R 3,340.98	R 3,138.71	R 3,110.42	R 2,248.79	R 1,915.41	R 1,644.87	R 1,654.41	R 1,536.03	R 1,489.32	R 1,541.81	R 1,494.93	R 1,547.62	R 811,391.72	R 0.00	R 811,391.72
Project adjustments- COE PROJECTS		R 950,000.00				R 14,177.64								R 964,177.64	R 0.00	R 964,177.64
Project adjustments (GRANTEE refunds and recuperated funds)	0														R 385.430	R 385.430
TOTAL INCOME	1,305,339	2,258,680	1,792,477	6,971,462	5,871,391	5,093,214	3,425,239	1,987,682	420,892	5,562,697	4,350,559	3,952,315	3,782,707	14,449,628	R 0.00	R 14,449,628.29
Salaries - S		R 127,588.06	R 128,525.27	R 125,063.06	R 124,807.50	R 159,162.00	R 256,796.68	R 146,086.60	R 128,121.40	R 169,744.89	R 60,392.54	R 127,569.63	R 179,454.00	R 1,733,312.63	R 0.00	R 1,733,312.63
Bursaries - B		R 137,578.38	R 421,688.00	R 498,354.70	R 301,688.00	R 1,290,000.00	R 973,333.30	R 696,666.70	R 203,333.30	R 64,936.00	R 166,666.66	R 0.00	R 0.00	R 4,954,245.04	R 0.00	R 4,954,245.04
Running - R		R 30,812.85	R 4,030.50	R 122,048.04	R 109,311.50	-R 87,513.70	R 76,658.83	-R 87,749.80	R 5,718.83	R 2,496.99	R 202.75	R 267.67	R 4,705.37	R 180,990	R 740.71	R 181,730.54
Conferences and related travel - T		R 4,412.25	R 37,576.04	R 12,971.71	R 12,971.71	R 136.35	R 0.00	R 0.00	R 0.06	R 0.00	R 0.00	R 0.00	R 0.00	R 68,068	R 0.00	R 68,068.12
Research grants - G other Collaborators		R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 500,000.00	R 40,000.00	R 0.00	R 0.00	R 0.00	R 0.00	R 540,000.00	R 0.00	R 540,000.00
Equipment - E		R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0	R 0.00	R 0.00
Cost to Wits Grantees		R 168,950	R 107,837	R 343,882	R 245,877	R 307,885	R 132,423	R 313,322	R 560,043	R 976,501	R 172,477	R 43,318	R 653,545	R 4,028,011	R 171,585.98	R 4,199,596.22
Total Expenses		R 469,341.82	R 901,656.97	R 1,102,319.91	R 794,655.31	R 1,669,619.43	R 1,439,211.79	R 1,568,325.51	R 937,216.32	R 1,213,679.32	R 399,738.93	R 171,155.62	R 837,704.33	R 11,504,625.26	R 172,326.29	R 11,676,951.55
NET SURPLUS / DEFICIT FUNDS	1,305,339	1,789,339	890,820	5,869,142	5,076,735	3,423,594	1,986,027	419,356	-516,324	4,349,018	3,950,820	3,781,160	2,945,003	2,945,003	R 0.00	R 2,772,676.74

Please note that amounts are subject to change

Other related NRFRevenue sources of Income	Balances B/F	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	TOTAL for 2020	Committed Funds	Total Income and Expenditures to Date
Wits 10% contribution	1,215,506	112,947	137,679	175,968	-35,226	50,655	61,986	61,986	61,986	-228,072	352,044	61,986	875,924	R 0.00	R 339,581.94	
TOTAL INCOME	1,215,506	112,947	137,679	175,968	-35,226	50,655	61,986	61,986	61,986	-228,072	352,044	61,986	875,924	0	339,582	

Please note that amounts are subject to change



DST-NRF CoE-HD Programme

CASH FLOW ANALYSIS FOR THE 2020 FINANCIAL YEAR



2020/12/31

NRF FUNDS DESCRIPTION	Balances B/F 2019	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	TOTAL for 2020	Committed Funds	Total Income and Expenditures to Date
Balances brought forward	4,167,467	R 4,167,466.96	R 4,647,164.39	R 5,951,704.06	R 8,423,057.23	R 7,579,959.78	R 5,880,832.62	R 4,436,620.80	R 2,889,198.91	R 2,224,376.14	R 6,044,517.01	R 6,144,942.04	R 5,911,998.92	R 4,167,466.96	R 0.00	R 4,167,466.96
NRF 2019 Allocation	0			R 6,077,531.00						R 6,077,531.50				R 12,155,062.50	R 0.00	R 12,155,062.50
Project adjustments - COE PROJECTS (GRANTEE refunds and recuperations funds)	0													R 964,177.64	R 0.00	R 964,177.64
TOTAL INCOME	4,167,467	5,117,467	4,647,164	8,423,235	8,423,057	7,584,517	5,880,833	4,436,621	2,889,199	5,301,908	6,644,617	6,144,942	5,911,999	17,287,093	R 385.43	R 17,287,092.53
Salaries - S		R 127,588.04	R 128,525.27	R 125,063.06	R 124,807.54	R 159,161.97	R 256,796.68	R 146,086.60	R 128,121.38	R 69,744.89	R 60,392.54	R 127,569.63	R 179,454.00	R 1,733,312	R 0.00	R 1,733,311.60
Bursaries - B		R 137,578.38	R 421,688.00	R 498,354.07	R 301,688.00	R 1,290,000.00	R 973,333.33	R 696,666.67	R 203,333.33	R 64,936.00	R 166,666.66	R 0.00	R 0.00	R 4,964,245	R 0.00	R 4,964,245.04
Running - R		R 30,812.85	R 4,030.50	R 122,048.04	R 109,311.47	-R 87,249.48	R 76,658.83	-R 87,653.41	R 5,718.83	R 2,486.99	R 202.75	R 267.67	R 4,705.37	R 259,823	R 74,894	R 250,467.04
Conferences and related travel - T		R 4,412.25	R 37,576.04	R 12,971.71	R 12,971.71	R 136.35	R 0.00	R 0.06	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 74,894	R 0.00	R 74,894.28
Research grants - G other Collaborators		R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 500,000.00	R 40,000.00	R 0.00	R 0.00	R 0.00	R 0.00	R 540,000.00	R 0.00	R 540,000.00
Equipment - E		R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0.00	R 0	R 0.00	R 0.00
Cost to Wits Grantees		R 168,951	R 107,837	R 343,882	R 245,877	R 307,886	R 132,423	R 313,322	R 560,049	R 976,501	R 172,477	R 43,318	R 653,545	R 4,028,011	R 171,585.98	R 4,199,596.22
Total Expenses		R 470,302.86	R 1,095,460.33	R 1,206,177.83	R 843,103.46	R 1,669,574.97	R 1,439,211.82	R 1,568,432.89	R 943,822.77	R 1,667,330.63	R 699,574.97	R 223,943.12	R 803,971.83	R 12,279,065.43	R 171,585.98	R 12,350,587.91
NET SURPLUS / DEFICIT FUNDS	4,167,467	4,647,164	3,551,704	8,423,057	7,579,954	5,880,833	4,436,621	2,885,199	2,224,376	6,644,517	6,144,942	5,911,999	5,000,027	5,000,027	R 0.00	R 4,936,504.61



REPORT OF FACTUAL FINDINGS TO THE UNIVERISITY OF THE WITWATERSRAND WITH REGARDS TO THE AGREED-UPON PROCEDURES IN RESPECT OF THE NATIONAL RESEARCH FOUNDATION (NRF) AWARDS RECEIVED BY THE UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG OF CENTRE OF EXCELLENCE IN HUMAN DEVELOPMENT FOR THE YEAR ENDED 31 DECEMBER 2020

We have performed the procedures agreed with you and enumerated below with respect to the to the Cash flow Analysis relating to the Centre of Excellence in Human Development for the year ended 31 December 2020, set forth in the accompanying schedules. Our engagement was undertaken in accordance with the International Standard on Related Services applicable to agreed-upon procedures engagements. The procedures were performed solely to assist the Council of the University in connection with and for the purpose of reporting to the NRF on the Cash Flow Analysis relating to the Centre of Excellence in Human Development and are summarised as follows:

Procedures

1. Inspect that the declared income and expenditure is correct and that all income and expenditure as per the general ledger has been declared by agreeing the CoE Cash Flow Analysis to the general ledger for the period, the transactions, both expenditure and income will be subject to the procedures stipulated below.
2. Inspect that:
 - a) Two Steering Committee Board meetings are held in the period of funding, and minutes for both meetings have been adopted and signed by the Chairperson of the Board.
 - b) The Steering Committee approved the Business Plan, and that minutes of the meeting as well as the Business Plan have been submitted to the NRF.
3. Inspect that the grant funds were used to advance the research agenda by:
 - a) Selecting a sample as per the NRF guidelines, being a tenth of the number of transactions of the expenses per the general ledger.
 - b) Agreeing with Beverley Manus (Wits University: Finance Manager Research Office) that the transactions selected in procedure 3(a) is appropriate for the purposes of this engagement.
 - c) For the transactions selected per procedure 3(a), perform the following procedures:
 - i. Obtain the source documents (invoices, payslips, expense breakdowns and travel claim expense forms, etc.) for items selected from the general ledger and agree the details per general ledger to the supporting documentation inspected.
 - ii. Note whether the grant funds were used to advance the research agenda, by inspecting the nature of expenses as per the supporting documents description and comparing the nature of expenses to the purpose of research as stipulated in the business plan.
 - iii. Inspect the date as per the source documentation and note whether or not it was captured in the correct period, 1 January 2020 - 31 December 2020.
 - iv. Inspect the source documentation and note whether or not it is in the name of the University.
 - v. Inspect the source documentation and note that, where VAT is levied, that it is correctly recorded in the general ledger by agreeing VAT amount per source document to VAT amount recorded in general ledger.
4. For grant funds utilised on nomination of students, agree the amount per the student nomination form to the amount paid to the student by obtaining the relevant student accounts.

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Chief Executive Officer: L S Machaba
The Company's principal place of business is at 4 Lisbon Lane, Waterfall City, Jukskei View, where a list of directors' names is available for inspection.
Reg. no. 1998/012055/21, VAT reg.no. 4950174682.



5. Inspect that funds were spent in accordance with the signed Memorandum of Agreement (MOA), by obtaining signed representation from university management.
6. Inspect that the activities pursued by the CoE related to the 5 KPAs per the MOA, by obtaining signed representation from university management.

Findings

We report our findings below:

- I. With respect to item 1, we obtained the CoE Cash Flow Analysis and general ledger for the period and inspected that the declared income and expenditure is correct and that all income and expenditure as per the general ledger has been declared by agreeing the CoE cash flow analysis to the general ledger for the period. No exceptions were noted.
- II. With respect to item 2(a), we inspected that two Steering committee Board meetings were held in the period of funding, and minutes for both meetings have been adopted and signed by the Chairperson of the Board. No exceptions were noted.
- III. With respect to item 2(b), we inspected that the Steering Committee has approved the Business Plan, and that minutes of the meeting as well as the Business plan have been submitted to the NRF. No exceptions were noted.

- IV. With respect to item 3, we inspected that the grant funds were used to advance the research agenda:

a) With respect to item 3(a), we selected a sample as per the NRF guidelines, being a tenth of the number of transactions of the expenses per the general ledger. No exceptions were noted.

b) With respect to item 3(b), we agreed with Beverley Manus (Wits University: Finance Manager Research Office) that the transactions selected in procedure 3(a) were appropriate for the purposes of this engagement. No exceptions were noted.

c) With respect to item 3(c), for the sample selected per procedure 3(a), we performed the following procedures:

i. With respect to item 3(c)(i), we obtained the source document (invoices, payslips, expense breakdowns and travel claim expense forms, etc.) for items selected from the general ledger and agreed the details per the general ledger to the supporting documentation inspected.

The following exception were noted:

- Difference noted between amount as per General Ledger and Supporting Documentation:

Project	Trans ID	Invoice #	Invoice Date	Supplier	Difference between amount per General Ledger and Supporting Documentation
SHNO020	18396571	24061	28/05/2020	Cecil Nurse	-0.02
SHNO020	18396575	24061	05/05/2020	Cecil Nurse	-0.01
SHNO020	18396577	24061	28/05/2020	Cecil Nurse	-0.01
SHNO019	18320073	Payment request 364835	02/01/2020	Kapueja Lethu	243.84
SHNO020	18454954	Payment request 364914	01/07/2020	Mail Chimp	-0.03
ACC1904	18388929	78514	19/05/2020	Bidvest SOHO	-1.00
ACC1904	18468554	931088058	12/08/2020	HiFi Corp	-0.90

Refer to attachment for management's comment.

ii. With respect to item 3(c)(ii), we noted whether the grant funds were used to advance the research agenda, by inspecting the nature of the expenses as per supporting

documents description and comparing the nature of the expense to the purpose of research as stipulated in the business plan. No exceptions were noted.

iii. With respect to item 3(c)(iii), we inspected the date as per the source documentation and noted whether or not it was captured in the correct period, 1 January 2020 – 31 December 2020.

- The following exceptions were noted with regards to items were captured in the incorrect period. The date as per the general ledger does not agree to the date as per the supporting documentation:

Project	Transaction ID	Invoice #	Invoice Date	Supplier	Amount per General Ledger
ACC1801	18390713	2871	05/06/2019	itl Communications	28,980.00
ACC1903	18641220	210447681	08/01/2021	Instrostat	30,699.00
HLTSM19	18320071	Internal request and receipts	27/08/2019	Lethu Kapueja	4,500.00
STA17LM	18344903	IPA19-SE05	05/03/2019	MCI	52,279.82
ACC1804	18344560	Internal Requisition 309407	05/07/2019	RCHT019	-4,549.00
SHNB019	18319616	904466061	29/11/2019	KONICA MINOLTA	-2,421.62
SHNO019	18319615	904466061	29/11/2019	KONICA MINOLTA	2,421.62
SHNO019	18320067	Payment request 364833	12/12/2019	Kapueja Lethu	1,880.98
ACC1904	ACC1904	Payroll statement report	01-Jan-19 - 31-Dec-20	Amanda Diphoko-Phetla	42,389.24
ACC1904	ACC1904	Payroll statement report	01-Jan-19 - 31-Dec-20	Xolisani Mpama	27,898.76
18453526	SHNB020	171360	23/07/2019	University of Fort Hare	100,000.00

Refer to attachment for management's comment.

- The supporting documentation of the following transactions were dated in the 2020 financial year, however, it has been noted that expenses incurred within these transactions related to the prior period:

Project	Transaction ID	Invoice #	Invoice Date	Supplier	Amount per General Ledger
SHNS019	18344814	Internal requisition 271094	15/01/2020	Developmental Pathways for health research unit	-2,495.81
SHNO019	18320073	Payment request 364835	02/01/2020	Kapueja Lethu	1,389.62

Refer to attachment for management's comment.

iv. With respect to item 3(c)(iv), we inspected the source documentation and noted whether or not it is in the name of the University. No exceptions were noted.

v. With respect to item 3(c)(v), we inspected the source documentation and noted that, where VAT is levied, that it was correctly recorded in the general ledger by agreeing VAT amount per source document to the VAT amount recorded in the general ledger.

The following exceptions were noted between the General Ledger and the VAT per Supporting Documentation:

Project	Trans ID	Invoice #	Invoice Date	Difference between VAT per General Ledger and per Supporting Documentation
STA17LM	18344903	INV051	03/05/2020	0.10
SHNO020	18333357	IN000000428459	23/01/2020	-71.52
SHNO020	18401004	SLI0506	17/06/2020	-25.00
SHNO020	18487094	CVJSA- D-20-00099	23/09/2020	-0.01

Refer to attachment for management's comment.

- V. With respect to item 4, for grant funds utilised on nomination of students, we agreed the amount per the student nomination form to the amount paid to the student by obtaining the relevant student accounts.

The following exceptions were noted when agreeing the amount per the student nominations form to the amount paid to the student as per the relevant student accounts:

Student	Student No.	CoE Amount	Amount paid to Student as per student account	Difference between amount awarded and amount on the fee statement
Makongoza MFM	1019892	35,000.00	100,000.00	-65,000.00
Mukoma G	1299954	-	100,000.00	-100,000.00
Wrottesley S V W		-	200,000.00	-200,000.00

Refer to attachment for management's comment.

Please note: We were unable to obtain the student accounts for the following students who appeared on the nominations list, as these students are based at other higher education institutions and could thus not perform the procedure noted above:

Student	Student No.	CoE Amount
Bodibe T C		70,000.00
Chidembo R	17022111	100,000.00
Chivasa N		200,000.00
HENDRICKS N	0	100,000.00
Jobela Z		100,000.00
Lekota B.K.L		100,000.00
Maela K	11575933	-
Maemu E	14014756	70,000.00
Mkwanazi NB		200,000.00
Mmangaliso A		70,000.00
Molelekeng-Adeniran G	200909891	70,000.00
Moyana MT		100,000.00
Mthethwa SL	209505333	100,000.00
HENDRICKS N	14004516	100,000.00
Rakgotho NF	215007375	70,000.00
Samukimba JC	SMKJIL001	100,000.00
Shibambu T H	15000923	70,000.00
Sikhwari T	11630405	70,000.00
Tjemolane LST	na	100,000.00
TSHITAVHE T	14014023	70,000.00

Refer to attachment for management's comment.

- VI. With respect to item 5, we inspected that funds were spent in accordance with the signed MOA, by obtaining signed representation form university management. No exceptions were noted.
- VII. With respect to item 6, we inspected that the activities pursued by the CoE related to the 6 KPA's per the MOA, by obtaining signed representation from university management. No exceptions were noted.

Because the above procedures do not constitute either an audit, review or other assurance engagement made in accordance with International Standards on Auditing, International Standards on Review Engagements or International Standards on Assurance Engagements, we do not express any assurance on the procedures performed as of 31 December 2020.

Had we performed additional procedures or had we performed an audit or review of, or other assurance engagement on the CoE in Human Development grants schedules in accordance with International Standards on Auditing, International Standards on Review Engagements or International Standards on Assurance Engagements, other matters might have come to our attention that would have been reported to you.

The report supplied on the basis that it is for the sole use of the parties to whom it is addressed and exclusively for the purposes set out herein. No party other than those to whom it is addressed may rely upon this report for any purpose whatsoever.

Copies of our report may be made available to your professional advisers provided that it is clearly understood by the recipients that they enjoy such receipt for information only and that we accept no duty of care to them in respect of our reports and letters. Furthermore, the reports and letters are to be used by them only for the purposes stated herein. The report must not be made available or copied in whole or in part to any other party without our prior written consent, which consent may be given or withheld at our absolute discretion. This limitation will obviously not apply to the provision of this report in compliance with any order or court, subpoena or other judicially enforceable directive.

This report relates only to the accounts and items specified above and does not extend to any financial statements of the University of the Witwatersrand, taken as a whole.



Saffiyah Bootha
Director
Chartered Accountant (SA)
08 April 2021
Johannesburg

Management's comment on exceptions noted

Procedure Number	Management's Comment						
3.c) i. Obtain the source documents (invoices, payslips, expense breakdowns and travel claim expense forms, etc.) for items selected from the general ledger and agree the details per general ledger to the supporting documentation inspected.	Project	Trans ID	Invoice #	Invoice Date	Supplier	Difference between amount per General Ledger and Supporting Documentation	Management comment from Justin du Toit, Norah Museta, Prof S Norris & Beverley Manus on 25 March 2021
	SHN0020	18396571	24061	28/05/2020	Cecil Nurse	-0.02	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
	SHN0020	18396575	24061	05/05/2020	Cecil Nurse	-0.01	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
	SHN0020	18396577	24061	28/05/2020	Cecil Nurse	-0.01	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
	SHN0019	18320073	Payment request 364835	02/01/2020	Kapueja Lethu	243.84	"At some point in time there was discrepancy in reason and variations do creep in from reason to reason however, but it eventually balanced, was finalised and closed."
	SHN0020	18454954	Payment request 364914	01/07/2020	Mail Chimp	-0.03	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
	ACC1904	18388929	78514	19/05/2020	Bidvest SOHO	-1.00	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
	ACC1904	18468554	931088058	10/08/2020	HiFi Corp	-0.90	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
3.c) iii. Inspect the date as per the source documentation and note whether or not it was captured in the correct period, 1 January 2020 - 31 December 2020.	- The following exceptions were noted with regards to items were captured in the incorrect period. The date as per the general ledger does not agree to the date as per the supporting documentation:						
	Project	Transaction ID	Invoice #	Invoice Date	Supplier	Amount per General Ledger	Management comment from Justin du Toit, Norah Museta, Prof S Norris & Beverley Manus on 25 March 2021
	ACC1801	18392713	2071	05/06/2019	id Communications	28,980.00	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	ACC1903	18641220	210447681	08/01/2021	Instrostat	30,699.00	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	HLTSM19	18320071	Internal request and receipt	27/08/2019	Lethu Kapueja	4,500.00	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	STA17LM	18344903	IPA19-SE05	05/03/2019	MCI	52,279.82	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	ACC1804	18344560	Internal Requisition 309407	05/07/2019	RCHT019	-4,549.00	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	SHN0019	18319616	904466061	29/11/2019	KONICA MINOLTA	-0,421.62	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	SHN0019	18319615	904466061	29/11/2019	KONICA MINOLTA	2,421.62	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	SHN0019	18320067	Payment request 364833	12/12/2019	Kapueja Lethu	1,880.98	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	ACC1904	ACC1904	Payroll statement report	01-Jan-19 - 31-Dec-20	Amanda Diphoko-Phetla	42,389.24	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	ACC1904	ACC1904	Payroll statement report	01-Jan-19 - 31-Dec-20	Xolisi Mpana	27,898.76	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	1.8E+07	SHN0020	272360	23/07/2019	University of Fort Hare	100,000.00	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	- The supporting documentation of the following transactions were dated in the 2020 financial year, however, it has been noted that expenses incurred within these transactions related to the prior period:						
	Project	Transaction ID	Invoice #	Invoice Date	Supplier	Amount per General Ledger	Management comment from Justin du Toit, Norah Museta, Prof S Norris & Beverley Manus on 25 March 2021
	SHN0019	18344814	Internal requisition 271094	15/01/2020	Developmental Pathways for health research unit	2,495.01	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."
	SHN0019	18320073	Payment request 364835	02/01/2020	Kapueja Lethu	1,389.62	"Mitigating circumstances of not having a Finance Officer from early 2020 to 01 December 2020, payments could not be processed in time. Going forward, the Centre commits to processing payments within stipulated timeframes."

3.c) v. Inspect the source documentation and note that, where VAT is levied, that it is correctly recorded in the general ledger by agreeing VAT amount per source document to VAT amount recorded in general ledger.

Project	Trans ID	Invoice #	Invoice Date	Difference between VAT per General Ledger and per Supporting Documentation	Management comment from Justin du Toit, Norah Museta, Prof S Norris & Beverley Manus on 25 March 2021
STA17LM	18344903	INV051	03/05/2020	0.10	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
SHNO020	18333357	IN000000428459	23/01/2020	-71.52	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
SHNO020	18401004	SLI0506	17/06/2020	-25.00	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."
SHNO020	18487094	CVJSA-D-20-00099	23/09/2020	-0.01	"At times when invoices are received and a PO is raised the amount may vary from the quotation, and in relation to VAT amounts, creditors usually round off the figure when they process the payments. Rounding up between quotation and processing."

4. For grant funds utilised on nomination of students, agree the amount per the student nomination form to the amount paid to the student by obtaining the relevant student accounts.

- The following exceptions were noted when agreeing the amount per the student nominations form to the amount paid to the student as per the relevant student accounts:

Student	Student No.	CoE Amount	Amount paid to Student as per student account	Difference between amount awarded and amount on the fee statement	Management comment from Lethu Kapueja on 25 March 2021
Makongoza MFM	1019892	35,000.00	100,000.00	-65,000.00	"Clerical error on student nomination system and the incorrect amount recorded for this student. The correct amount should be R100 000"
Mukoma G	1299954	-	100,000.00	-100,000.00	"Clerical error on student nomination system and the incorrect amount recorded for this student. The correct amount should be R100 000"
Wrottesley S V W		-	200,000.00	-200,000.00	"Clerical error on student nomination system and the incorrect amount recorded for this student. The correct amount should be R100 000"

- Please note: We were unable to obtain the student accounts for the following students who appeared on the nominations list, as these students are based at other higher education institutions and could thus not perform the procedure noted above:

Student	Student No.	CoE Amount	Management comment from Lethu Kapueja on 25 March 2021
Bodibe T C		70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Chidembo R	17022111	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Chivasa N		200,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
HENDRICKS N	0	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Jobela Z		100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Lekota B.K.L		100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Maela K	11575933	-	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Maemu E	14014756	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Mkwanazi NB		200,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Mmangaliso A		70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Molelekeng-Adeniran G	200909891	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Moyana MT		100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Mthethwa SL	209505333	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
HENDRICKS N	14004516	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Rakgotho NF	215007375	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Samukimba JC	SMKJL001	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Shibambu T H	15000923	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Sikhwari T	11630405	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
Tjemolane LST	na	100,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"
TSHITAVHE T	14014023	70,000.00	"The NRF allows for these payments because the CoE is mandated to fund in other universities and science councils"

Approval of the Report

This will be done electronically by the Designated Authority

Lynn Morris

Professor Lynn Morris
Deputy Vice-Chancellor: Research and Innovation

Date: 28 April 2021