

A/PROF SALOME MASWIME

MBCbB, FCOG(SA), MMED, PHD

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Biographical Information

Full Name: Tumishang Mmamalatsi Salome Maswime
Maiden name: Moila
Current position: Associate Professor, Head of Global Surgery, University of Cape Town, Obstetrician and Gynaecologist

Qualifications

Certificate, Leading Organizations and Change, MIT	2018
PhD Obstetrics and Gynaecology, Wits University	2017
Master's in medicine (Obstetrics and Gynaecology), Wits University	2014
Fellowship Obstetrics and Gynaecology, College of Medicine South Africa	2013
Diploma Project Management, Varsity College	2007
Bachelor of Medicine and Surgery, University of Kwazulu-Natal	2005
Grade 12, Capricorn High School	2000

Academic Appointments

Head of Division, Global Surgery	2019-
Research fellow, MGH, Harvard Medical School	2018 - 2019
Specialist, CHBAH	2016 -
Honorary specialist CHBAH	2014 - 2016
Medical officer, CHBAH	2013 - 2014
Registrar, CHBAH (Equivalent: Resident)	2009 - 2013
Medical officer, CHBAH	2009 - 2009
Community service officer, Greytown Hospital	2008
Community service officer, Louis Trichardt Memorial Hospital	2008 - 2009
Medical intern, Pietermaritzburg complex	2006 - 2007

Leadership

Chairperson, Health Systems Trust Research Committee	2021
Vice President, Women in Global Health South Africa	2020-
President, South African Clinician Scientists Society	2018-

Awards

World Economic Forum: Young Scientist	2020
One Africa: Research in Health	2020
Mail & Guardian: 50 South African Powerful Women	2020
Next Einstein Forum: Fellow	2019
Destiny Power of 40: Public service	2017
Africa Forbes CNBC Africa Africa Business News: Young achiever research	2018

Mail & Guardian: 200 Young South Africans 2017
 President of South Africa: Trailblazer and Young Achiever 2017

Membership

Academy of Science South Africa
 United Nations Core Stillbirth Estimation Group
 World Economic Forum Young Scientists
 World Laureates Forum Young Scientists
 South African Clinician Scientists Society
 Women in Global Health
 South African Society of Obstetrics and Gynaecology
 Organisation for Women in Science for the Developing World
 International Network of Obstetric Surveillance Systems
 African Perioperative Research Group
 International Stillbirth Alliance
 Group B Streptococcus Special interest Group

Committees

Senate, University of Cape Town
 University Research Council, University of Cape Town
 Health Sciences Faculty board, University of Cape Town
 Physical Planning Committee, Faculty of Health Sciences, University of Cape Town
 Mamokgethi Phakeng Scholarship Fund, University of Cape Town
 South African National Surgical Obstetric Anaesthesia Technical Working Grop
 South African Medical Research Council Clinician PhD programme
 SADC National Surgery Obstetrics Anaesthesia Technical working group

Boards

Health Systems Trust (Trustee)
 Female Academic Leaders Fellowship (Board Member)
 University of the Free State, School of Clinical Medicine (Advisory Board)
 Global Surgery Foundation (Leadership Team)
 Youth Stem Matters (Advisory Board)
 LifeBox Clean Caesar Study (Advisory Board)

Grants

	Institution	Grant name	Value	Year	Project
1	NIH Sub-award	U54	R5 888 108,85	2021-2025	Data science for injuries equity and surgery
2	UNICEF	Stillbirths mapping in Africa	\$70 863.10	2021 - 2022	Stillbirths mapping study

3	South African Medical Research Council	Covid-19 grant	R1 200 000	2020 - 2021	South African Covid-19 Covid-19 in pregnancy study
4	South African Medical Research Council	Midcareer Scientist	R7 250 000	2020 - 2024	A 5yr grant for the UCT global surgery programme
6	Discovery Foundation	Discovery foundation MGH award	R2 100 000	2018	A 1 year research fellowship at MGH/Harvard
7	World Health Organization	Odon Study	R450 000	2017	A multi-center study to test the efficacy of the Odon device
8	Carnegie co-operation of New York	Grant no b8749.r01	R1 200 000	2014	A 2 year PhD Clinician Scientists fellowship
9	SA MRC	SIR Grant	R150 000	2015	Running costs for a study on caesarean section related haemorrhage

Publications

Peer-reviewed research publications					
	Journal	Authors	Title	Impact Factor	Citation
1	South African Medical Journal	Biccard B, Alphonsus C, Kluyts H, Kusel B, Maswime S	National priorities for perioperative research in South Africa	2.1	S Afr Med J . 2016;106(5):58-9
2	South African Journal of Obstetrics and Gynaecology	Maswime S, Buchmann E	Inequities in resources and preparedness for surgical complications of	0.25	S Afr J Obstet Gynaecol 2016; 22 (1):21-24

			caesarean section in southern Gauteng hospitals		
3	International Journal of Gynecology and Obstetrics	Maswime S, Buchmann E	Causes and avoidable factors in maternal deaths due to caesarean section related haemorrhage in South Africa	2.0	Int J Gynaecol Obstet. 2016;134(3):320-3
4	South African Medical Journal	Maswime S, Buchmann E	Near-miss maternal morbidity from severe haemorrhage at caesarean section - a process and structure audit of system deficiencies in South Africa	2.1	S Afr Med J. 2017;107(11):1005-1009
5	BMC Pregnancy and Childbirth	Maswime S, Buchmann E	Why women bleed and how they are saved: a cross sectional study of caesarean section near-miss morbidity	2.3	BMC Pregnancy Childbirth. 2017 Jan 9;17(1):15
6	International Journal of Gynaecology and Obstetrics	Maswime S, Buchmann E	A systematic review on maternal near-miss from postpartum haemorrhage	2.2	Int J Gynaecol Obstet. 2017;137(1):1-7
7	South African Medical Journal	Uzabakiriho B, Maswime S.	Causes of maternal death at Natalspruit Hospital in Johannesburg, South Africa	2.1	S Afr Med J. 2019;109(6):412-414
8	Lancet Global Health	Madhi S, Brimen C, Maswime S, et al.	A prospective observational study on causes of stillbirths in African women in South Africa	18.7	Lancet Glob Health. 2019;7(4):e503-e512.
9	Lancet Global health	Bishop D, Dyer R, Maswime S, et al.	Maternal and neonatal outcomes following caesarean delivery in the	18.7	Lancet Glob Health. 2019;7(4):e513-e522

			African Surgical Outcomes Study		
10	South African Medical Journal	Chu K, Owolabi E, Smith M, Hardcastle T, Maswime S...	Establishing a South African national framework for COVID-19 surgical prioritisation	1.5	S A Med J 2021; 111(5):426-431.
11	SAMJ	Maswime, Pule, Haberer, Pattinson	Stillbirth rate by maternal HIV serostatus and antiretroviral use in pregnancy in South Africa: an audit		South African Medical Journal 2021;111(9):822-823
12	Int J Gynaecol Obstet	Budhram, Vannevel... Maswime, Yates	Maternal characteristics and pregnancy outcomes of hospitalized pregnant women with SARS-CoV-2 infection in South Africa: an INOSS based cohort study		Int J Gynaecol Obstet. 2021;155(3):455-465
13	Paed Pathology	Mtshali, Maswime, Wright	Placental heterogeneity in stillbirth and its relations to maternal exogenous characteristics		Pediatric Developmental Pathology 2021, p.10935266211063118.
14	SAJAA	Iputo, Chakane, Maswime	Perioperative management of caesarean section-related haemorrhage in a maternal near-miss population: a retrospective study		Southern African Journal of Anaesthesia and Analgesia. 2021 Nov 24;27(6):286-91.
15	SAJS	Van Wyngaard, Malherbe, Maswime, Cairncross	Impact of COVID-19 on Breast Cancer Diagnostic and Surgical Services at a South African Hospital Complex		Accepted

16	Plos Global Health	Elliot	Identifying interventions to reduce peripartum haemorrhage associated with caesarean delivery in Africa: a Delphi consensus study Short title: Interventions to reduce haemorrhage associated with caesarean delivery in Africa		Accepted
17	Sexual and Reproductive Health Matters	Ajayi, Maswime, Blauuw	A qualitative inquiry into pregnant women's perceptions of respectful maternity care during childbirth in Ibadan Metropolis, Nigeria		Accepted
18	World Journal of Surgery	Oodit, Biccard, Maswime...	Guidelines for perioperative care in elective abdominal and pelvic surgery at primary and secondary hospitals in Low and Middle Income Countries (LMIC's): Enhanced Recovery After Surgery (ERAS) Society Recommendations		Accepted
Peer-reviewed Review articles					
19	Nature	Maswime S, Masukume G, Chandiwana T.	African Clinician scientists – mentors and networks help	41.6	Nature . 2018;563(7732):473
20	Lancet	Maswime S	Improving access to caesarean sections and peri-operative care in low and	53.2	Lancet . 2019 pii: S0140-6736(18)32589-3.

			middle income countries		
21	South African Medical Journal	Reddy C, Makasa E, Biccard B, Maswime S et al	Surgery as a component of universal healthcare: Where is South Africa	2.1	S Afr Med J 2019;109(9):624-625
22	Anaesthesia Journal	Santhirapala S, Peden C, Meara J...Maswime S	Toward high quality perioperative care: a global perspective	5.8	Anaesthesia 2020;71(S1):e18-e27
23	South African Medical Journal	Fagan J, Cairncross L, Biccard B, Fieggen G, Maswime S	Covid-19 exposes health workers shortages in the USA and UK, but nationalism and self interest must not exploit medical workforces from low and middle-income countries	1.5	S Afr Med J 2020 ;110(5):335
24	Lancet	Myles P, Maswime S	Mitigating the risks of surgery during the Covid-19 pandemic	59.1	Lancet 2020; doi:10.1016/S0140-6736(20)31256-3
25	Lancet	Jumbam D, Reddy C... Maswime S	Investing in surgery: a value proposition for African leaders	59.1	Lancet 2020;396(10243):7-9
26	South African Medical Journal	Fairlee I, Sawry S... Maswime S... Chersich M	COVID-19 in pregnancy in South Africa: tracking the epidemic and defining the natural history	1.5	S Afr Med J 2020;110(8):729-31
27	South African Journal of Surgery	Oodit R, Maswime S, Makasa S	The Covid19 pandemic: an opportunity to improve perioperative care in Africa	1.5	S Afr Surg 2020; 58(3):122-3

28	South African Journal of Obstetrics and Gynaecology	Adam S, Maswime S... P Soma-Pillay	Mitigating the judicious use of PPE to keep maternity units functional	0.2	S Afr J Obstet Gynaecol 2020;26(1):2
29	Lancet Global Health	Homer C, Leisher S, Akuze J ... Maswime S..	Counting stillbirths and COVID 19-there has never been a more urgent time	8.0	Lancet Glob health 2021;9(1):e10-e11
30	South African Journal of Obstetrics and Gynaecology	Abdool Z, Maswime S, Edridge E	The impact of Covid-19 on obstetrics and gynaecological care	0.2	S Afr J Obstet Gynaecol 2020;26(2):2-3
31	Lancet	Hug L, You D, Blencaw H...Maswime S...	Global, regional, and national levels and trends in stillbirths from 2000 to 2019: a systematic assessment.	60.4	Lancet. 2021; 28;398(10302):772-785
32	BMJ Global Health	Chu K... Maswime S	Identifying knowledge needed to improve surgical care in Southern-Africa using a theory of change approach		BMJ Global Health 2021;6:e005629
33	SAJOG	Paterson, A., Cairncross, L., Adams, T. and Biccard, B	Improving surgical and medical outcomes, beyond maternal mortality		S Afr J Obstet Gynaecol 2022; 27(1).
34	Lancet Global Health	Maswime, Buga	Surviving maternal sepsis in low-income countries		Lancet Global Health 2021 S2214-109X(21)00294-1
35	J Infect Diseases	Maswime, Pule, Chawana, Mtshali, Matjila	HIV, placental lesions and adverse perinatal outcomes		Journal of infectious diseases 2021, 224(Supplement _6), pp.S691-S693.

36	BMJ Global Health	J Jumbam, D.T., Kanmounye, U.S., Alayande, B., Bekele, A., Maswime, S., et al	Voices beyond the Operating Room: centring global surgery advocacy at the grassroots		British Medical Journal Global Health, 7(3), p.e008969.
37	SAMJ	Lazarus, Maswime, Fieggen, Cairncross, Irlam, Reed, Peters, Fagan	Call for the South African Health Products Regulatory Authority to revisit regulations relating to single- use medical devices		In press
Conference Proceedings					
38	International Journal of Gynecology and Obstetrics	Maswime S, Buchmann E	Severe maternal outcome from caesarean section related haemorrhage	FIGO	2015
39	International Journal of Gynecology and Obstetrics	Maswime S, Buchmann E	Severe maternal outcome from caesarean section related haemorrhage	FIGO	2015
40	J Perinat Med	Maswime S, Buchmann E	Maternal and foetal outcomes from severe haemorrhage related to caesarean section		2015
41	Canadian Journal of Surgery	Maswime S, Buchmann E	Maternal deaths from caesarean section related haemorrhage in Southern Africa	Bethune Roundtable	2016
42	British Journal of Obstetrics and Gynaecology	Maswime S, Buchmann E	Maternal nearmiss a systematic review	RCOG	2017
43	British Journal of Obstetrics and Gynaecology	Madiba K, Maswime S	An audit of near-miss in early pregnancy in South Africa	RCOG	2018
44	International Journal of Gynaecology and Obstetrics	Makheda C, Maswime S	Descriptive study of women with eclampsia requiring	FIGO	2018

			intensive care unit admission		
45	International Journal of Gynaecology and Obstetrics	Maswime S	Outcomes related to caesarean section in Africa (ASOS Sub-study)	FIGO	2018
46	International Journal of Gynaecology and Obstetrics	Ayuk M, Maswime S	The use of B-lynch sutures in women with post-partum haemorrhage in a South African tertiary hospital	FIGO	2018
47	European Journal of Public Health	Cessario D, Maswime S	SDGs + Synergies: Design, Access + Aftercare in Global Public Health	World Congress on Public Health	2020

Perspective pieces

	Journal	Authors	Title	Year Published
1	The Conversation	Maswime S, Masukume G	Increasing caesarean sections in Africa could save more mothers lives	2017
2	International Journal of Birth and Parent Education	Chandiwana N, Maswime S, Ngaleo P, et al.	Supporting families who experience a stillbirth worldwide	2019
3	The Conversation	Maswime S, Atun R, Marsh K	International research collaborations: How can we shift the power towards Africa	2020
4	The Conversation	Maswime S, Sivarasu S, Dandara C	Coronavirus: never been a more compelling time for African scientists to work together	2020

Book Chapters

	Journal	Authors	Title	Year Published
1	Clinical Obstetrics	Maswime S	Postpartum Haemorrhage	Accepted 2020
2	Clinical Obstetrics	Maswime S	Abnormalities of the placenta, umbilical cord, membranes and amniotic fluid	Accepted 2020
3	The FIGO continuous textbook of women's medicine. The global library of women's medicine	Maswime S, Goldfarb I	Screening and support for mental health problems	Published 2021
4	Global Cardiac Surgery	Maswime S, Alphonsus C, Da Silva N	Cardiac Surgery Capacity Development in Low and Middle Income Countries	Published 2022
5	Localizing the SDGs in African cities. Springer.	Maswime S, Reddy C	Adopting a Global Surgery perspective to drive SDG harmonization and achieve the highest attainable standard of health in Africa	Accepted 2021

Published Guidelines

	Authors	Title	Year Published
1	Department of Health South Africa	Framework and Guidelines for Maternal and Neonatal Care during a crisis (National Department of Health South Africa)	2020
2	National technical working group for Covid 19 healthcare worker infection control	Surgery, Obstetrics, Anaesthesia, Policy and Strategy for rapid scale up for acute and emergency and intensive care services (Southern African Development Community)	2020
3	Harvard PGSSC, Unitar, Global Surgery Foundation	National Surgical, Obstetric and Anaesthesia Planning Manual	2020
4	UN IGME, UN Core Stillbirth Estimates Group, UNICEF,	A neglected tragedy: The Global Burden of Stillbirths - Report of the	2020

	WHO	UN Inter-agency Group for Child Mortality Estimation, 2020	
5	Healthcare worker infection prevention and control technical working group - Ministerial advisory sub-committee	Healthcare worker protection and support through strengthening Infection Prevention and Control (IPC) programmes	2020
6	World Economic Forum Young Scientists	Science Transformation Map	2020

Published Proposals

	Database	Authors	Title	Year Published
1	Prospero International prospective register of systematic reviews	Maswime S, Buchmann E	Near-misses from post-partum haemorrhage: A systematic review.	2016

Academic and Conference Presentations

Keynote addresses					
	Conference	Title	Country	Capacity	Year
1	University of Limpopo	Building great institutions through research	South Africa	Keynote address	2019
2	Africa Global Mental Health Institute	African led global health initiatives	South Africa	Keynote address	2019
3	SASSS Global Surgery Conference	Re-imagining Global Surgery	South Africa (virtual)	Keynote address	2020
4	Visibility STEM Africa Conference	Locally relevant research with global impact	Africa (virtual)	Keynote speaker	2020
5	Glow Conference	Creating high quality respectful hospital care	United Kingdom (virtual)	Keynote speaker	2020
6	Infertiliteit,	Global Surgery	Netherlands	Keynote	2021

	Gynaecologie & Obstetrie Congress		(virtual)	speaker	
7	Higher Education Resource Services South Africa Conference	Leading during a time of turbulence	South Africa	Keynote speaker	2021
8	Department of Health Limpopo Womens Day	Moving from resilient societies to resilient health systems	South Africa	Keynote speaker	2021
10	BW Africa Science conference	Digitalization for resilient health systems	Germany (virtual)	Keynote speaker	2021
11	Thrive leadership academy	The courage to lead	South Africa (virtual)	Keynote speaker	2021
12	IAPO Heritage Day	Complexities of the past and a diverse future	South Africa	Keynote speaker	2021
13	Wits Department of Surgery	Mentorship in Surgery	South Africa (virtual)	Invited speaker	2021
14	ECTMIH conference	The South African Obstetrics Surveillance Systems	Norway (Virtual)	Invited speaker	2021
15	Commerce Council Students Dinner	Leading with purpose and excellence	South Africa	Keynote speaker	2021
16	DTC Bonn University Global Surgery Conference	The domain of Global Surgery in Africa	Germany	Keynote speaker	2021
Academic and invited talks					
1	Congress of South African Society of Obstetricians and Gynaecologists	An evaluation of the use of barrier contraceptives in women requesting top at Chris Hani Baragwanath Academic Hospital	South Africa	Oral presentation	2014
2	Obstetrics and	An evaluation of	South	Oral	2014

	Gynaecology Research day, Wits University	the use of barrier contraceptives in women requesting top at CHBAH	Africa	presentation	
3	International Federation of Gynaecologists and Obstetricians	Severe maternal outcome from caesarean section related haemorrhage	Canada	Poster presentation	2015
4	Priorities in Perinatal care Conference	Severe maternal outcome from caesarean section related haemorrhage in Southern Gauteng.	South Africa	Oral presentation	2015
5	Young Scientists Conference	Health systems constraints in hospitals that perform caesarean sections in Southern Gauteng	South Africa	Oral presentation	2015
6	School of clinical medicine research day, Wits University	Maternal deaths from caesarean section related haemorrhage in Southern Gauteng	South Africa	Oral presentation	2015
7	Post-doctoral and Carnegie symposium, Wits University	Reducing maternal morbidity and mortality from caesarean section related haemorrhage	South Africa	Oral presentation	2015
8	World Congress of Perinatal medicine	Maternal and fetal outcomes from severe haemorrhage related to caesarean section, South Africa	Spain	Oral presentation	2015
9	Bethune roundtable on global surgery	Maternal deaths from caesarean section related haemorrhage in Southern Africa	Canada	Oral presentation	2016
10	Gauteng Department of	Bleeding during and after caesarean	South Africa	Invited faculty	2016

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	Health Research meeting	section in southern Gauteng			
11	International Network of Obstetric Surveillance Systems Conference	Severe morbidity and near-miss in South Africa. INOSS Meeting. May 2017, Denmark	Denmark	Invited faculty	2017
12	Royal College of Obstetricians and Gynaecologists	Postpartum haemorrhage: A systematic review	South Africa	Poster presentation	2017
13	Africa Health Conference	Maternal Mortality Africa	South Africa	Invited faculty	2017
14	Gauteng Department of Health Midwifery Conference	Bleeding during and after caesarean section	South Africa	Invited faculty	2017
15	Maternal Health Summit	Inequities in maternal health	South Africa	Invited faculty	2017
16	Unisa Law Department retreat	Publish and Flourish	South Africa	Invited faculty	2018
17	South African Peri-operative Group meeting, UCT	Bleeding during and after caesarean section	South Africa	Invited faculty	2018
18	PGSSC meeting, Harvard Medical School	Peri-operative complications from caesarean sections in Africa	United States	Invited Faculty	2018
19	United Nations Inter-agency meeting on stillbirth estimates	Perinatal mortality in South Africa	United States	Invited Faculty	2018
20	Africa Health	Screening for maternal mental health conditions	South Africa	Invited Faculty	2018
21	European congress of clinical microbiology and infectious	Bacteria as a cause of stillbirth: What do we know?	Spain	Invited faculty	2018

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	diseases				
22	10 th Obstetrics and Gynaecology Conference	Update on the second stage of labour; Preventing preterm birth: What works for who	United Arab Emirates	Invited faculty	2018
23	Priorities in Perinatal care Conference	Maternal Near-miss from PPH - A systematic review	South Africa	Oral presentation	2018
24	UCT SOPH	The Global Surgery Crisis, a public health conundrum	South Africa	Invited speaker	2019
24	UCT surgery research day	Global Surgery, improving outcomes together	South Africa	Invited faculty	2019
25	UCT O&G research day	Global Surgery, obstetric outcomes	South Africa	Invited faculty	2019
26	UCT Refresher course	Surgical safety: A global look at the problem of bleeding during caesarean section	South Africa	Invited faculty	2019
27	UCT Sustainable development goals series	Sustainable development goal indicators for health outcomes in South Africa	South Africa	Invited faculty	2019
28	International Stillbirths Alliance	HIV, ART and stillbirths in South Africa	Spain	Invited faculty	2019
29	Africa Peri-operative Research Group annual meeting	How can we strengthen APORG to harness the research impact on healthcare systems of countries	South Africa	Invited faculty	2019
30	AGOTA and ECSACOG scientific conference and annual general meeting	African Surgical outcomes study: caesarean sections	South Africa	Invited faculty	2019

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31	South African Surgical Society Conference	Challenges and successes in obstetric surgery in Africa	South Africa	Invited faculty	2019
32	Discovery Alumni Conference	Innovation through research to deliver quality healthcare	South Africa	Invited faculty	2019
33	Africa Health	Obstetrics practice in 2019: A human rights approach	South Africa	Invited faculty	2019
34	Wits Uptospaed conference, emerging researchers conference	Publish and flourish	South Africa	Invited faculty	2019
35	Massachusetts General Hospital, Department of Obstetrics and Gynaecology	Peri-operative complications from caesarean sections in Africa	United States	Invited faculty	2019
36	Massachusetts General Hospital, Centre for Womens mental health	Maternal mental health in South Africa	United States	Invited faculty	2019
37	Harvard Medical School CFAR/ Brigham and Womens Health	The association between adverse fetal outcomes and maternal HIV in South Africa	United States	Invited faculty	2019
38	Global initiative for childrens Surgery	Bleeding during and after caesarean section: establishing national guidelines	South Africa	Invited faculty	2020
39	UCT Heads of Mission breakfast	Global surgery	South Africa	Invited speaker	2020
40	Perinatal Priorities	Overview of maternal mental health in obstetric clinical settings	South Africa	Workshop	2020
41	UCT ENT Rounds	Global surgery, access to ear, nose and throat surgery	South Africa	Invited speaker	2020

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42	UCT Theatre rounds	Global Surgery Ethics	South Africa	Invited speaker	2020
43	Omnia Health	Womens Health and Covid 19	International (virtual)	Invited speaker	2020
44	Global anaesthesia surgery and obstetric collaboration UK	Impact of HIV, Covid 19, and viral outbreaks in South Africa	United Kingdom (virtual)	Invited speaker	2020
45	Discovery Covid-19 seminars	National Strategic approach to maternal/obstetric care	South Africa (virtual)	Invited speaker	2020
46	Clinix Covid-19 seminars	Global Surgery and Covid 19, Interface between service and systems	South Africa (virtual)	Invited speaker	2020
47	Omnia Health	Women driving clinical innovation	International (virtual)	Invited speaker	2020
48	Women in Global Health	Women leadership and power	International (virtual)	Invited speaker	2020
49	World neurosurgery federation conference	Women in neurosurgery	International (virtual)	Invited speaker	2020
50	United Nations General Assembly G4 Alliance side event	From Pandemic to progress	International (virtual)	Invited speaker	2020
51	United Nations General Assembly side event	Obstetrics (SOTA)	International (virtual)	Invited speaker	2020
52	UNITAR Global surgery Foundation	How the NSOAP will affect frontline stakeholders	International (virtual)	Invited speaker	2020
53	South African Women in Science awards	Science communication for social impact	South Africa (virtual)	Invited speaker	2020
54	South African Young Academy of Science	Women scientists in the forefront against Covid-19	South Africa (virtual)	Invited speaker	2020

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55	Science forum South Africa	Science through a gendered lense	South Africa (virtual)	Invited speaker	2020
56	University of Pretoria Public Health	Global maternal health services	South Africa (virtual)	Invited speaker	2020
57	UKZN Inclusive cities	Healthy cities - bridging the inequality gap	South Africa (virtual)	Invited speaker	2020
58	London Guys Obstetrics and Gynaecology Department	Reducing surgical morbidity in South Africa	United Kingdom (virtual)	Invited speaker	2020
59	G4 Alliance 8 th meeting	Equitable leadership and global surgery partnerships	International (virtual)	Invited speaker	2020
60	Harvard CFAR Symposium	Stillbirths in women living with HIV	International (virtual)	Invited speaker	2020
61	Australasian surgical students association conference	Improving womens health in low resource settings	Australia (virtual)	Invited speaker	2020
62	South African Young Academy of Science	Covid-19 response Interventions and innovations	South Africa (virtual)	Invited speaker	2020
63	Gauteng Association for infant mental health	Understanding mental health during pregnancy	South Africa (virtual)	Invited speaker	2020
64	Motsepe Foundation International Womens Summit	Impact of Covid-19 on Womens Health	South Africa	Invited Speaker	2021
65	Discovery Covid-19 Seminars	Global Research on Covid-19 and pregnancy	South Africa (virtual)	Invited Speaker	2021
66	South African Clinician Scientists Conference	Covid-19 in pregnancy	South Africa (virtual)	Invited Speaker	2021
67	Noerwigean	Covid-19 Vaccines	Norway	Invited	2021

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	Council for Africa	and Womens Health	(virtual)	speaker	
68	Medall International virtual medical conference	Sustainability for surgical missions	International (virtual)	Invited speaker	2021
69	Urology seminars	Global urological surgery	Africa (virtual)	Invited speaker	2021
70	Association of future African neurosurgeons	What African neurosurgeons can learn from African perioperative outcomes for obstetrics and gynaecology	Africa (virtual)	Invited speaker	2021
71	Bergen University SDG Conference	Gender diversity in leading health universities	Norway (Virtual)	Invited speaker	2021
72	Geiggs General Assembly	Gender equity in global surgery	International (virtual)	Invited speaker	2021
73	Ideal Workshop	Evaluating surgical innovation in global surgery Review framework	Amsterdam (virtual)	Panelist	2021
74	Utrecht Global Surgery Summer school	Global obstetrics and gynaecology	Netherlands (Virtual)	Invited speaker	2021
76	Anglia Ruskin School of Medicine	Ethics and the future of Global Surgery	UK (virtual)	Invited Speaker	2021
77	UCT Sustainable Development Goals	SDG's mapping grand challenges	South Africa	Panelist (virtual)	2021
78	UCT Africa Day	Healthcare for Africa in Africa	South Africa	Invited Speaker	2021
79	Wits Female Academic Leadership Fellowship	Academic citizenship	South Africa	Invited speaker	2021
80	EPBOM World Congress	The use of surgical safety checklists in low resource environments	Europe (virtual)	Invited speaker	2021
81	Marce Africa Maternal	Women's Health and mental health	South Africa	Invited speaker	2021

	mental health Africa		(virtual)		
82	South African Medical Association	Managing pregnancy during the pandemic	South Africa (virtual)	Invited speaker 2021	
83	Discovery Webinars	Maternal outcomes related to covid-19	South Africa (virtual)	Invited speaker	2021
84	FIGO Conference PPH Workshop	Public health interventions for PPH	International (virtual)	Invited speaker	2021
85	Limpopo Maternal Health Symposium	Global surgery and maternal health	South Africa virtual	Invited speaker	2021
86	Massachusetts Institute of Technology	Global impact	United States	Invited speaker	2021
87	Wits School of Public Health	A global health perspective	South Africa (virtual)	Invited speaker	2021
88	UCT SDG Summit	Skills and systems thinking in the African Healthcare system	South Africa (virtual)	Invited speaker	2021
89	Stellenbosch Surgical students society	Womens surgery and being a woman surgeon	South Africa (virtual)	Invited speaker	2021
90	United General Assembly G4 alliance side event	Sustainable cities and global surgery	International (virtual)	Invited speaker	2021
91	World Laureates Forum	Improving access to safe caesarean section	China (virtual)	Invited speaker	2021
92	South African Society of Anaesthetists	Obstetric surgery making caesarean section safer	South Africa (virtual)	Invited speaker	2021
93	Tembisa Hospital Women's day	Emancipation of Women in health care	South Africa (virtual)	Invited speaker	2021
Educational and motivational talks (Social responsibility)					
	Title	Organization		Year	
1	Sexually transmitted	Midrand Graduate Institute		2009	

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	infections		
2	Alcohol abuse	Midrand Graduate Institute	2010
3	Health awareness	Every Nation Midrand Church	2012
4	Health awareness	Every nation Alexandra Church, Johannesburg	2014
5	Breast and cervical cancer screening	CANSA/Mrs. South Africa	2014
6	Career guidance	Forward in faith church	2014
7	Women's health	Forward in faith church	2014
8	Sexual health	Every nation Midrand church	2014
9	Women's health	Methodist church	2014
10	FCOG to PhD	Harambee research seminar	2016
11	Women's health	Department of Women	2017
12	Women's health	Yahweh House International ministry	2017
13	Women's health	Crystal Church	2017
14	Healthy living and self-medication	Evangelistic outreach ministries	2017
15	Youth health talk	Forward in faith church	2017
16	Sexual health and STI's	Midrand graduate institute	2017
17	My journey as in a surgical discipline	Wits students surgical society	2017
18	My story	Phenomenal Womxn – Wits HSSC	2017
19	My academic journey	Moshal Scholarships	2017
20	Respectful maternal health	Albertina Sisulu Women's Health Rights Seminar	2018
21	Women's health	New life bible ministry	2018
22	Academic career	Young MD Masterclass	2019
23	Academic career	Hunters College (USA)	2019
24	African scientists, the	Impeelo	2020

	time to collaborate		
25	Healing the healers	Young MD	2020
26	Covid-19 in pregnancy	Dr Fundi	2020
27	Overcoming and becoming the best	Clarinus residence UCT	2020
28	Science communication for social impact	SAWISA	2020
29	My journey to becoming a specialist	Shawco	2020
30	Becoming	UKZN	2020
31	My academic journey	Geigs	2021
32	Global Surgery	TEDEX Gresham Place	2021
33	Meet a Global Health Pioneer	Global health pioneer	2021

Peer Review

Journal	Role	Year started
South African Journal of Child Health	Reviewer	2014
South African Journal of Obstetrics and Gynaecology	Reviewer	2017
Lancet	Reviewer	2018
Plos One	Reviewer	2018
Epidemiology and infection	Reviewer	2018
African Health Sciences Journal	Reviewer	2018
British Journal of Obstetrics and Gynaecology	Reviewer	2019
Global health innovation	Reviewer	2019
South African Journal of Obstetrics and Gynaecology	Associate editor	2020
Scientific African Magazine	Guest editor	2020
Plos Global Public Health	Section editor	2021

Grant review

Organization	Year started
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Wits University FRC Individual grants	2017
South African Medical Research Council	2018
National Research Foundation	2018
UK MRC	2020

Education

Discipline	Degree/Programme	Responsibilities	University	Year
Global Surgery	MSc Global Surgery PhD Global Surgery MPH Elective Executive leadership course Introduction to Global Surgery Global Surgery Foundations	Co-convener Convener Curriculum design Curriculum design Curriculum design Curriculum design	UCT	2020 –
Obstetrics and Gynaecology	4 th year Reproduction Block	Chairperson Curriculum design Timetable and lectures Course content Examinations	Wits	2016 – 2018
Clinical Medicine	PhD	Proposal assessor committee	Wits	2017-2018
Public Health	MPH and PhD	Proposal assessor committee	Wits	2017-2018

Research Supervision

	Student	Degree	Institution	Year	Degree topic	Year completed
1	Justin Molebatsi	MMED Obs&Gynae	Wits	2016-2018	Outcomes of women treated with chemotherapy for Ovarian Cancer at CMJAH	2018
2	Malcolm Ayuk	MMED Obs&Gynae	Wits	2017	Women requiring a B-lunch at caesarean section	2018

					for post-partum haemorrhage at CHBAH	
3	Kholofelo Madiba	MMED Obs&Gynae	Wits	2017	Maternal near misses in early pregnancy at CHBAH in Soweto, South Africa	2019
4	Juliette Phelp	MMED Obs&Gynae	Wits	2017	The association between HIV and low birth weight in CHBAH	2020
5	Pearl Mashoene	MMED Obs&Gynae	Wits	2017	Post-partum review of blood pressure trends in women with hypertensive disorders of pregnancy	2022
6	Colbert Makheda	MMED Obs&Gynae	Wits	2017	Women with eclampsia requiring intensive care admission at CHBAH	2019
7	Pearl Maseko	MMED Obs&Gynae	Wits	2017	Placental infarction in stillbirths at CHBAH	2020
8	Zama Motlounq	MMED Pathology	Wits	2018	Placental related factors contributing to stillbirths at Charlotte Maxeke Johannesburg Academic Hospital	2021
9	Oluwaseun Ajayi	PhD Public Health	Wits	2018	Readiness for Change to Respectful Maternity Care	Submitted

					Practice During Childbirth in Public Health Facilities, Ibadan, Nigeria	
10	Rebecca Iputo	MMED Anaesthesia	Wits	2018	The perioperative management of caesarean section-related haemorrhage in a maternal near-miss population: A retrospective study	2021
11	Elliott Taylor	MSc	Oxford	2020	Reducing bleeding during and after caesarean section	2021
12	Amy Patterson	MSc Global Surgery	UCT	2020	Surgical care for women in Africa	2022
13	Chur de Garang Allier	PhD Obs&Gynae	UCT	2020	Knowledge about access to fertility preservation among cancer patients in resource-limited settings in Tanzania.	
15	Ndaluza Masiye	MMED Obs&Gynae	UCT	2020	Histopathological findings in stillbirths born to women living with HIV compared to HIV negative women	
16	Peace Francis	MSc Global Surgery	UCT	2021	Medical students exposure and perceptions of global surgery in lower and middle income countries	
17	Esi Botchway	MSc Global Surgery	UCT	2021	Gastroschisis in Limpopo	
18	Hilma Shikwambi	PhD Global Surgery	UCT	2021	Strengthening stillbirth data	

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					review and reporting in Namibia	
19	Anisa Bhattay	PhD Global Surgery	UCT	2021	The landscape of paediatric pain in sub-Saharan Africa	
20	Simphiwe Gumede	MSc Global Surgery	UCT	2021	Improving stillbirth data reporting systems in Africa	
21	Zahra Logday	MSc Global Surgery	UCT	2021	A survey of ocular trauma at Groote Schuur Hospital in Cape Town South Africa	
22	Aminata Sallah	MSc Global Surgery	UCT	2021	Spina Bifida in Namibia	
23	Yvan Zolo	MSc Global Surgery	UCT	2021	Spinal neurosurgery mapping	
24	Cliff Lowan	MSc Biomedical Engineering	UCT	2021	Design and Development of a Portable Multi-user Medical Grade Oxygen Concentrator	
25	Dakalo Muavha	PhD Global Surgery	UCT	2022		
26	Khumbo Jere	PhD Global Surgery	UCT	2022		
27	Sipho Ndereya	MSc Global Surgery	UCT	2022		
28	Priyana Naidu	MSc Global Surgery	UCT	2022		

Supervision of Research Groups

Names	Degree	Title	Institution	Year
Devon Boshoff, Lidija Damjanović, Simthembile Ziqu, Anrich de Jager, Stefan Swart, Hamzah-Ahmad Ebrahim	BHSC	An Audit into Papanicolaou (Pap) smear participation and procedural understanding, using women over the age	Wits	2016

		of 30 years at a Gauteng Academic		
Kathryn Geere, Kiara Hirachund, Jeffrey Horne, Ryan Hume, Rahul Lakhan, Sanele Kunene, Nontsikelelo Langa, Hope Makunye, Pride Ngwenya, Thamsanqa Sosibo, Hermanus Strauss, Sarah Tribelon, Mairin Lorentz	MBBCh	Delays to Elective Caesarean Section at CHBAH	Wits	2017-18
Aishwarya Luke, Anees Ismail, Craig Andrews, Desire Obi, Daniel Tharratt, Gavin Williams, Kirsten Whitlock, Kwanele Sishi, Kylin Lai Hong, Nosipho Mhlanga, Patricia Mbonani, Rhys Vermass, Shiraz Harypursat, Zinandri Hanekom	MBBCH	Decision to incision interval for emergency caesarean section at Rahima Moosa Mother and Child Hospital	Wits	2017-18
Isma Balde, Zama Nxumalo, Leago Sebesho, Robyn Kamau	MBChB	Womens health in a time of crisis: The effect of the Covid-19 pandemic on womens health services in Cape Town	UCT	2020-
Imraan Maijet, Isma Balde,	MBChB	Surgical training and capacity development in the South African internship programme	UCT	2020-

External Examination

Examination	Institution	Years
MBChB Obstetrics and Gynaecology	Sefako Makgato University	2016
MMED	University of KwaZulu Natal	2017-
MMED	University of Cape Town	2017
Diploma in Obstetrics and Gynaecology (Observer)	College of Medicine South Africa	2017
MBChB Obstetrics and Gynaecology	University of KwaZulu Natal	2020

Postgraduate Examination

	Name	Title	Degree	Institution	Year
1	N Frank	An audit of Perinatal Mortality at King Edward VIII Hospital	MMED (Obstetrics and Gynaecology)	UKZN	2017
2	D Muavha	The use of Uterine compression sutures in the management of patients with severe postpartum haemorrhage in a regional obstetrics hospital	MMED (Obstetrics and Gynaecology)	UCT	2017
3	R Mukherjee	Differing caesarean section rates at two regional hospitals in the eThekweni district – 6 comparisons of outcomes. University of KZN	MMED (Obstetrics and Gynaecology)	UKZN	2018
4	V Ntlasana	Transient and persistent viraemia in HIV -Positive pregnant women on preconception antiretroviral therapy: Prevalence, outcome and associations	MMED (Obstetrics and Gynaecology)	UKZN	2018
5	T Ahmed	Trial of labour or elective repeat caesarean section in women who have had one previous caesarean section: an assessment of womens attitudes,	MMED (Obstetrics and Gynaecology)	UCT	2019

		knowledge and preferences			
6	J Boshomane	Factors associated with successful induction of labour at term or postterm gestations with oral misoprostol	MMED (Obstetrics and Gynaecology)	UKZN	2019
7	D Seevnarain	Previous caesarean section in Durban: success rates and predictors of success	MMED (Obstetrics and Gynaecology)	UKZN	2020
8	J Habineza	High prevalence of anogenital warts and anal HPV infection in women with pre-malignant cervical lesions at King Edward VIII Hospital Durban	MMED (Obstetrics and Gynaecology)	UKZN	2020
9	Nsika Sithole	Viral suppression among people living with hiv presenting for treatment initiation in umkhanyakude sub district, kwazulu-natal	Masters Public Health	UKZN	2021
10	Joyce Shatilwe	Accessibility and utilization of maternal child health information provided to adolescent girls during pregnancy in ohangwena region, namibia	PhD (Public Health)	UKZN	2021
11	Michael Bartholomew Mwandri	Trauma Care in Sub-Saharan Africa: Challenges and Opportunities in Botswana and Tanzania for Implementing	PhD	UKZN	2021

		Afrocentric Systems			
12	Puvashnee Nydoo	The psychological impact of an adverse obstetric event on healthcare professionals and support for these second victims in kwazulu-natal, south africa	Masters in Public Health	UKZN	2021
13	Solwayo Ngwenya	Statistical risk prediction models for adverse maternal and neonatal outcomes in severe preeclampsia in a low-resource setting, Mpilo Central Hospital, Bulawayo, Zimbabwe.	PhD in Statistics	National University of Science and Technology (Zimbabwe)	2021
14	Sipho Nkandlalalana	Knowledge, Attitudes and Practices of HIV Post-Exposure Prophylaxis Among Registrars at the University of the Witwatersrand	MMED Internal Medicine	Wits University	2022
15	V Dorasamy	“Labouring under a Heavy Burden” The Trio of Anaemia, Pre-eclampsia and Parasites in Pregnant Black South African Women	PhD	UKZN	2022
16	Ngubane	Missed opportunities for outpatient management of early miscarriages	MMED Obstetrics and Gynaecology	UKZN	2022

		at King Edward VIII Hospital			
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Technical Working Groups

Organisation	Year
World Health Organization Regional Research Committee for Africa and Eastern Mediterranean Regions	2016
Intrapartum Care South Africa	2017
United Nations IGME/ UNICEF Stillbirth estimation group	2018 -
World Health Organization, Global maternal and perinatal death surveillance and response, Technical working group meeting	2019 – 2021
South African Perinatal Problem Identification Program (task team)	2019
World Health Organization, Uterine tamponade for refractory PPH	2019
United Nations Core Stillbirth estimation group	2019 -
SADC National Surgery Obstetrics Anaesthesia Technical working group	2019 -
South African Medical Research Council Clinician PhD programme	2020 -

Personal development: Courses and workshops attended

Course	Institution	Country	Year
Research Ethics: Conducting research responsibly	Wits University	South Africa	2014
Grant writing and paper writing workshops	Wits University	South Africa	2014
Advanced Stata	Wits University	South Africa	2014
Health Sciences Educators course	Wits University	South Africa	2014
Clinical HIV Management Course	Wits Reproductive Health Research Unit	South Africa	2014
Good Clinical Practice Basic	Wits University	South Africa	2015
ESMOE Master Trainer course	University of Pretoria	South Africa	2015
Supervisors course Wits University	Wits University	South Africa	2015

Systematic Review Training Wits/JBI	Wits University	South Africa	2015
Randomised Controlled Trials and Cochrane Systematic Review Techniques	Stellenbosch University	South Africa	2015
Micro-research Workshop	Dalhousie University	Canada	2016
GACD Implementation Science Workshop	SA Medical research council	South Africa	2017
Essential Grant Writing Skills	African Research Excellency Fund	Senegal	2017
Basic Assessment and Support in Intensive Care	Getinge South Africa	South Africa	2017
Social intelligence	Harvard Medical School	United States	2018

Conferences and events organized

Event	Role	Year
Maternal Health Summit	Chairperson	2017
South African Health Excellence Awards	Co-host	2018
Africa health Medical Obstetrics Seminar	Co-chairperson	2018
UCT Global Surgery Conference	Co-chairperson	2020
South African Clinician Scientists Conference	Chairperson	2021

References

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