

Centre for
Evidence
Based
Health
Care

Centre for Evidence-based Health Care

ANNUAL REPORT

2019



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FACULTY OF MEDICINE & HEALTH SCIENCES,
STELLENBOSCH UNIVERSITY, SOUTH AFRICA



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DIRECTOR'S MESSAGE

Prof Taryn Young

Director

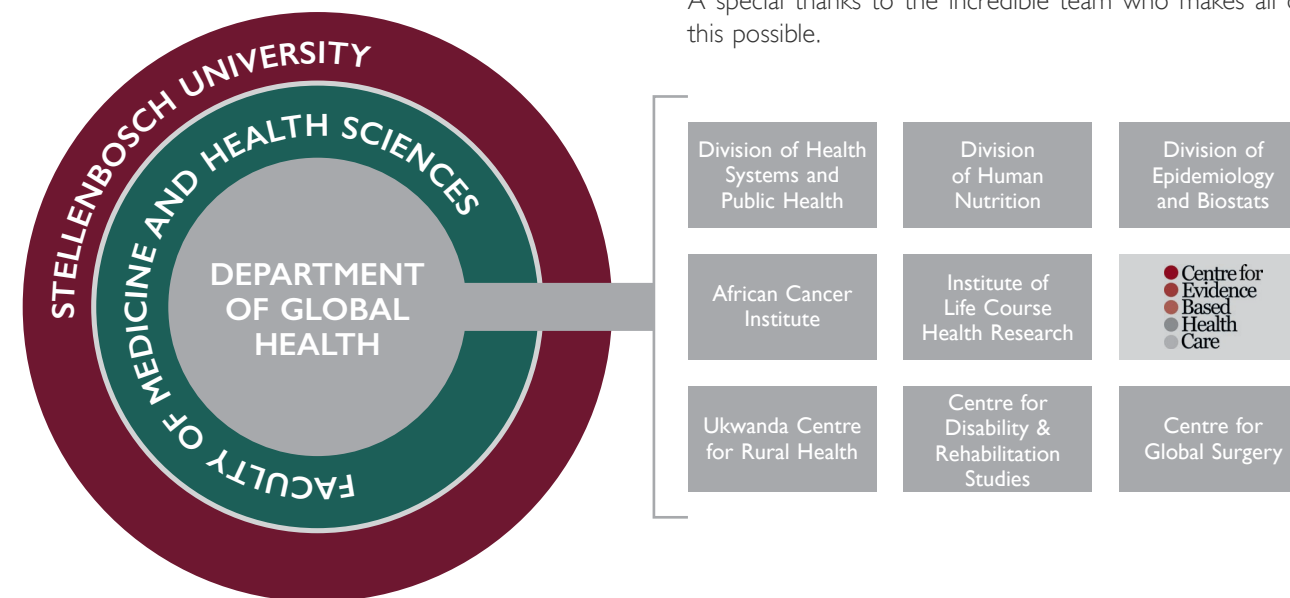
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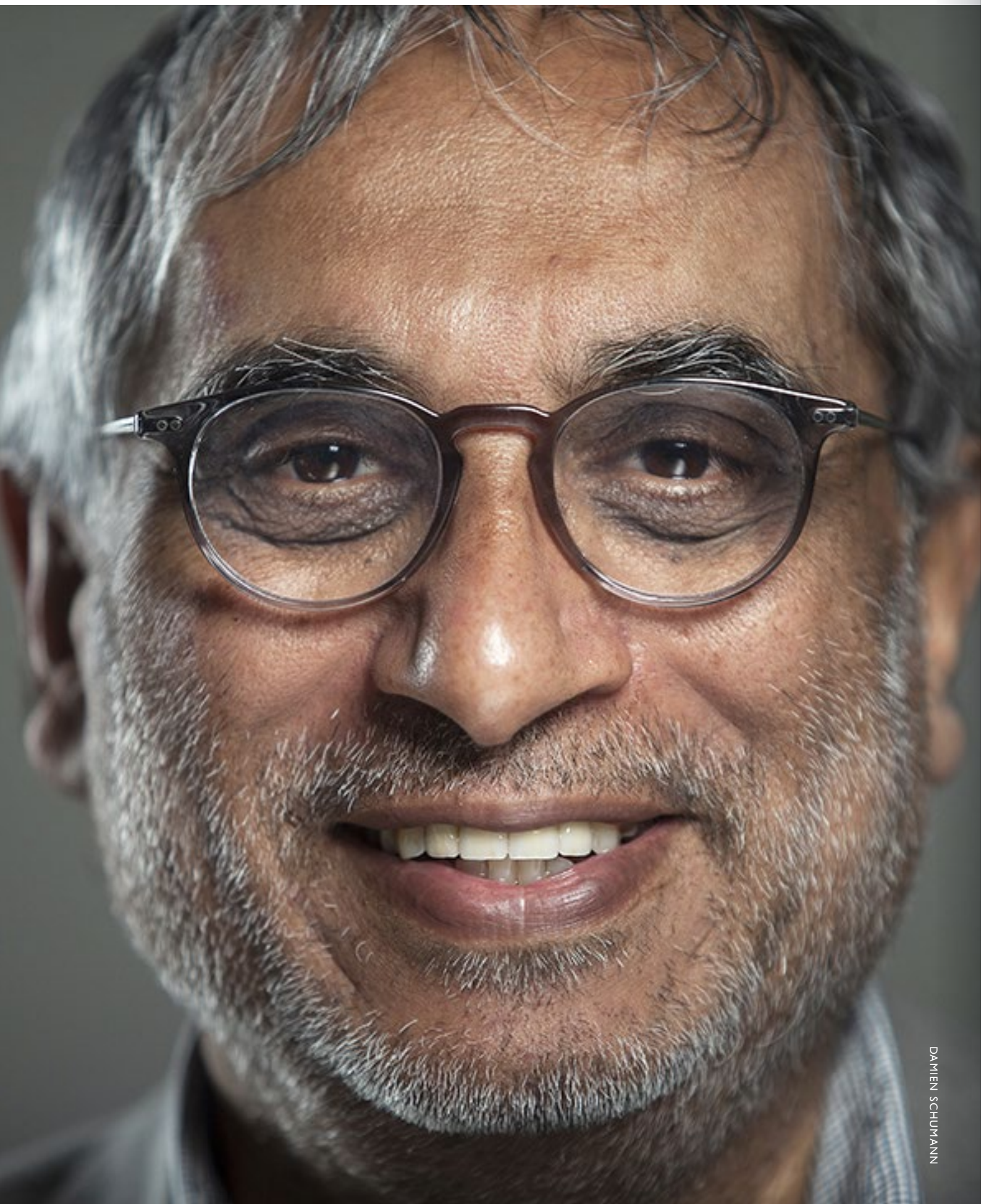
With the work of the CEBHC recognized nationally, regionally and internationally, we are realizing our mission to be a Centre of Excellence in Africa in evidence synthesis and knowledge translation in health through innovation, collaboration and distinction in research. The Centre has increased its scope of activities, implemented and led new projects and fostered new collaborative engagements.

The team has worked hard at increasing and promoting the use of research outputs and has made great progress with the implementation of integrated teaching and learning of evidence-informed decision-making. Our common values ICARE² guides the way we work – integrity, collaboration, accountability, relevance, excellence and equity.

We align our activities with the strategy of the Department of Global Health and that of the Faculty, and work collaboratively with the other units (Figure) within the Department of Global Health and in the Faculty. We value the contribution of our honorary staff based in Belgium, Canada, Ireland, South Africa and the United Kingdom and wish to express our gratitude for the support from the Head of Department, the Faculty of Medicine and Health Sciences, the CEBHC Advisory Committee, and our funders and collaborators.

A special thanks to the incredible team who makes all of this possible.





DAMIEN SCHUMANN

“
*‘What is a researcher
if your research does
not transform lives
of the majority poor’*

– Prof Usuf Chikte

PROFESSOR USUF CHIKTE EMBRACES A NEW ROLE

Thank you to our Governing Board
chairperson, Professor Usuf Chikte

Prof Chikte retired end of 2019 and we express our sincere gratitude that we were blessed with his wisdom and dynamic leadership over the years that he was the Chairperson of the Governing Board of the Centre for Evidence-based Health Care. He always encouraged us, sharing his vast experience as an academic leader with a vision for progressive transformation, academic growth and societal mindfulness. “What is a researcher if your research does not transform lives of the majority poor” constantly reminds us that what we do as academics and researchers should have value in society. Prof Chikte has always been there for every member of the Centre in times of distress, joy and celebrating achievements as well as just acting as an anchor or a shoulder for the young academic to leverage their success on. He is a pillar that the Centre will forever remember as we transformed into being a more internationally acclaimed Centre of excellence. His guidance, advice, leadership and strategic views and ideas on how we can move forward and excel was invaluable. As we move forward, we will always treasure his wisdom and we trust that although he has now retired, we will still be able to call on his guidance when we need to.

We wish him well as he starts a new phase of his life. God bless you!

OVERVIEW

The Centre for Evidence-based Health Care (CEBHC) is a coordinating and directive centre for research and training of the Faculty of Medicine and Health Sciences, Stellenbosch University, in the field of evidence-based health care. We are located within the Department of Global Health. We use multipronged strategies to increase uptake of evidence into policy and practice to impact the sustainable development goals, especially Goal 3.



KEY ACCOMPLISHMENTS IN 2019

- The work of our team has had demonstrable impact on important public health interventions.
- We are recognised by others for our leadership in evidence synthesis, teaching, and knowledge translation.
- We focus on high impact reviews and in promoting leadership in evidence synthesis.
- We influence Cochrane on many fronts – co-lead Cochrane Nutrition, co-lead Southern-Eastern Hub of Cochrane Africa, members of Cochrane Knowledge Translation and Cochrane WHO strategic groups, steering group members of Cochrane Africa, serve as Cochrane editors, and are lead- and co-authors of numerous Cochrane reviews.
- We co-lead the South African GRADE Network.
- In 2019 we published 39 peer reviewed journal articles, 2 protocols and 1 book chapter. We gave 27 international and 13 national conference presentations.
- Staff supervise and provide methodological mentorship and support to various postgraduate, including postdoctoral students.
- Six postgraduate students supervised by Centre staff graduated, input to under- and post-graduate programmes continued and we implemented various workshops and seminars to advance EBHC knowledge and skills.
- We developed and implemented a series of workshops to increase capacity of researchers on the art and science of knowledge translation
- Secured R8,5 million in new grants to support programme of work.
- Dedicated team working with extra-ordinary staff from McMaster University, Liverpool School of Tropical Medicine and SA Medical Research Council.

GOVERNANCE

The work of the CEBHC is guided by the Constitution of the Centre. The Centre is managed by a Director and her Management Committee, while oversight is provided by an Advisory Committee.



ADVISORY COMMITTEE

The committee provides strategic oversight and direction to the Centre.

Advisory Committee members

- Dr Tania Brodovcky, *Manager of Research Capacity Development and Funding*
- Prof Usuf Chikte, *Head of the Department of Global Health (Chairperson)*
- Dr Angela Dramowski, *Department Paediatrics*
- Dr Therese Fish, *Vice-Dean Clinical Services and Social Impact*
- Prof Paul Garner, *International expert in EBHC (Deputy Chairperson)*
- Dr Krish Vallabhjee, *Provincial Department of Health*
- Prof Jimmy Volmink, *Dean of the Faculty of Medicine and Health Sciences*
- Prof Taryn Young, *CEBHC Director*
- Dr Rose Oronje, *AFIDEP*

MANAGEMENT COMMITTEE

The management committee, consisting of the Director, head of the Department of Global Health and two to three staff members, meets regularly to discuss management issues. Specific individuals are co-opted when necessary, based on the agenda of the specific management committee meeting.

OUR GUIDING PRINCIPLES

OUR VISION

A world where every member of society receives equitable and quality health care supported through evidence-informed decision-making.

OUR MISSION

To be a Centre of Excellence in Africa in evidence synthesis and knowledge translation in health, through innovation, collaboration and distinction in research.



OUR VALUES

Integrity:

Sound moral and ethical principles that serve as foundations for trust, honesty and transparency, and for building effective relationships

Collaboration:

Effective engagements and teamwork through sharing of ideas and skills, and fostering original thinking, innovation and continuous learning

Accountability:

Accepting the highest level of responsibility for our actions

Relevance:

Striving for outputs that are important, current, applicable, useful and meaningful to people making decisions about health care

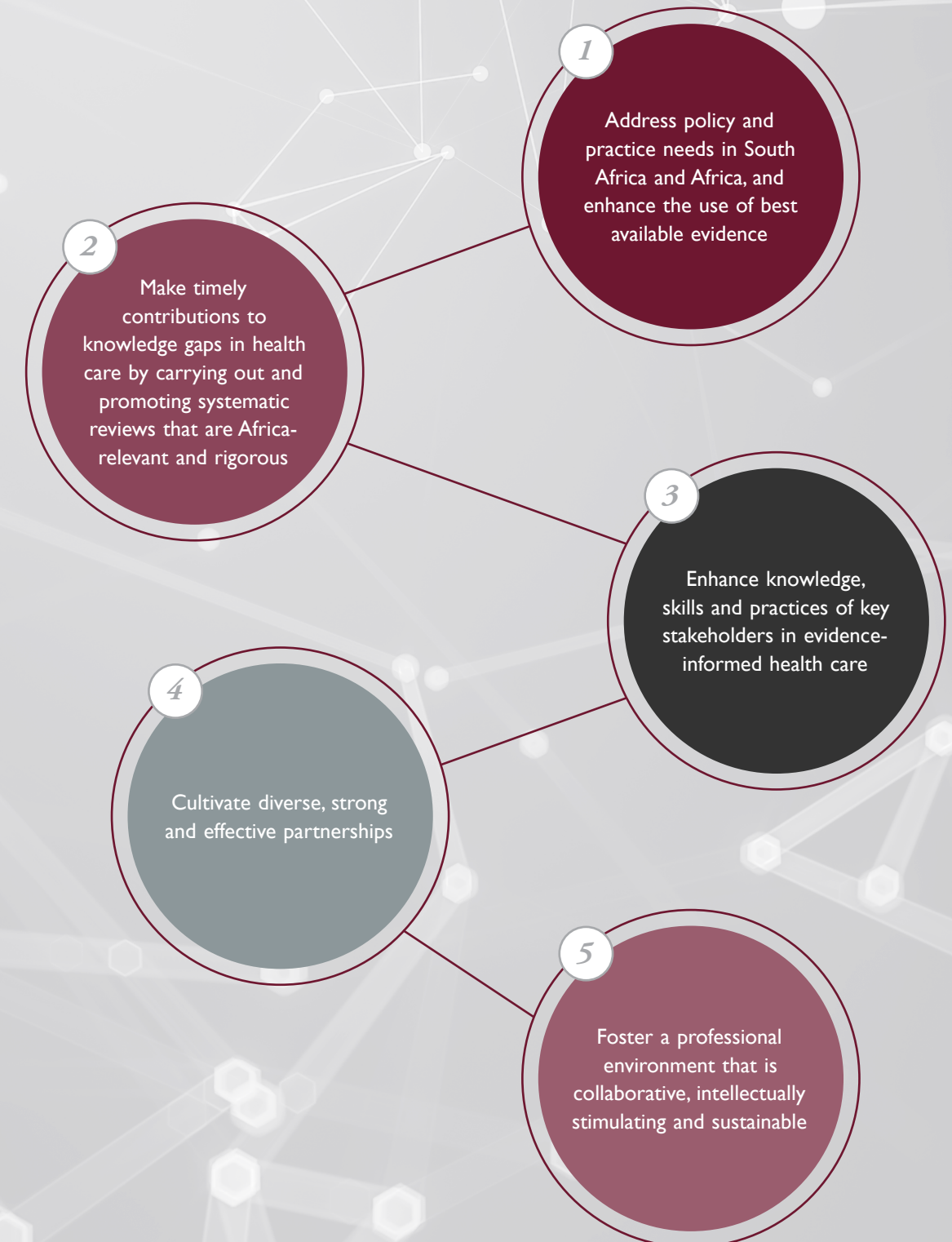
Excellence:

Academic freedom to pursue knowledge that adheres to the highest standards of integrity, renewal and relevance

Equity:

Restitution in response to our past legacy and fairness in our aspirations

OUR STRATEGIC OBJECTIVES



Address policy and practice needs in South Africa and Africa, and enhance the use of best available evidence

There is increasing interest to ensure that health policymaking and practices are informed by research evidence to improve the performance of health systems and the attainment of the Sustainable Development Goals (SDGs).

Translating research into policy starts by doing research on the right questions and it requires up-to-date, independent, rigorous systematic reviews. We engage with decision makers at national level and with the World Health Organisation (WHO), contribute to guideline development and we focus on conducting reviews on relevant topics. We have demonstrated through our collaborative projects how these timely, well conducted systematic reviews influence policies. Rigorous systematic reviews have a clear bottom line, include an assessment of the certainty of the evidence, and highlight research gaps.

TARYN YOUNG DELIVERED HER INAUGURAL LECTURE:

“Influencing the evidence ecosystem – a reflection”

The evidence ecosystem represents the dynamic and complex interactions between evidence production, evidence synthesis and evidence translation within the broader complex healthcare context. This inaugural lecture shared experiences and reflected on initiatives implemented in the past two decades to influence the evidence ecosystem. Various factors impact on the flow of evidence from primary to secondary research to policy to implementation. A key element is the conduct of regionally relevant and robust research addressing priority health problems. Systematic reviews are well-recognised as good evidence sources and efficiencies of their use in policymaking have been argued extensively. To increase the uptake of research evidence in healthcare policy and practice, facilitators and interventions can target policymakers, researchers, exchanges between them, and their environment. Key to these are interpersonal



Prof Jimmy Volmink, Prof Taryn Young and Prof Stan du Plessis at the Inaugural Lecture of Prof Taryn Young.

relationships and communication between research users and producers. Dedicated capacity development initiatives play a critical role to support both the conduct and use of research evidence – especially equipping the next generation of healthcare practitioners, healthcare managers, policy makers, and researchers to be critical thinkers and lifelong learners. Above all, working together, sharing best practices and lessons learnt, minimising unnecessary duplication and fostering equitable partnerships will help us to go further in our quest to advance health and healthcare in the African region. Prof Young's inaugural lecture can be viewed at: <https://www.youtube.com/watch?v=A3zaFNslbAY>

CONTRIBUTING TO THE FIRST EVIDENCE-BASED FIRST-AID GUIDELINE FOR FIRST RESPONDERS IN AFRICA

Members from the CEBHC contributed to the development of the first evidence-based first-aid guideline for first responders in Africa. First responders are laypeople who are trained in advanced first-aid and are the first line response within a community when acute care is needed. In developing this first-aid manual, a total of 87 evidence summaries were generated, including evidence from over 13 Cochrane Reviews. The manual is likely to be the most forward thinking first-aid manual globally, tackling important issues typically outside the mandate of traditional first-aid guidance documents and manuals. These include i) road traffic accident safety ii) common illnesses and diseases iii) transport and movement of the injured iv) dealing with the deceased and v) disaster readiness. Developed by the Belgian Red Cross Centre for Evidence-based Practice, the manual is scheduled to be launched in Malawi, South Africa and Zimbabwe in 2020.



Expert panel guideline meeting in Johannesburg, March 2019, discussing the scientific evidence to form recommendations for practice.

EVIDENCE INFORMED GUIDELINE DEVELOPMENT AND IMPLEMENTATION

The African Federation for Emergency Medicine – together with the CEBHC – developed a clinical practice guideline (CPG) for South African prehospital providers, setting the standard of practice in emergency care in South Africa. However, there are still gaps and challenges around future guideline development and current implementation approaches. Research has been conducted to address these gaps, with a significant focus on translating this evidence to paramedics, industry regulators and decision makers. Led by Michael McCaul, as part of his PhD, various tailored target audience specific knowledge translation products were created, informing guideline implementation committees underlying evidence and national implementation strategies. These knowledge translation products, among others, included issue briefs for stakeholders, YouTube vlogs and national newsletters for clinicians and invited face-to-face presentations at national committee meetings.

Issue Brief

Centre for Evidence Based Health Care

S100

Closing the gap for prehospital guideline implementation in South Africa: A call for action

South African Emergency Care Clinical Practice Guidance: Where are we now?

Until this year, South African emergency care clinical practice had been guided by protocols – documents providing clinical practice instructions – that were last revised over a decade ago. With unclear and outdated evidence underpinning the protocols, the Health Professions Council of South Africa (HPCSA) emergency care board tasked the African Federation for Emergency Medicine (AFEM) to spearhead the revision and reformulation of the protocols using the best available evidence in late 2015. In collaboration with researchers and emergency care specialists, AFEM produced a robust clinical practice guideline (CPG) with over 1000 recommendations for South African emergency care clinical practice, currently being implemented nationally since the start of 2019.

Varied guideline uptake among paramedics, services and training compromises quality care

Paramedics and the emergency care industry had varied response to the CPGs recommendations and inferred updated scope of practice. This is due to the vast implications of the guideline roll-out strategy on emergency care service delivery, upskilling of providers, and by extension, curriculum alignment for a total of seven different qualification registries, affecting approximately 70 000 providers. Some implications are considered positive (e.g. access to effective treatments previously unavailable), others are considered negative (e.g. narrowing the scope of practice for some providers). Overall however, the new emergency care guidelines have brought change and discourse to prehospital care in South Africa.

Results from research conducted locally of prehospital providers and of the AFEM guideline group indicated that prehospital providers, emergency service managers and emergency care educators face various challenges across different domains, tabulated below:

Domain	Challenge
Emergency Care Education	Limited training capacity to upskill paramedics within industry
	Monetary exploitation of paramedics by private trainers
	Lack of standardised and regulated training of providers across provinces and private/public sectors
Scope of practice changes	Resistance to removal of skills such as intubation
	Alignment of changes to the ECA, ECT and ECP tier uncertain
Health System	Uncertain economic and service delivery impact of guidelines

Priority Actions

- Consult with industry leaders collaboratively to consider local challenges and solutions necessary for strengthening implementation
- NDoh and HPCSA must communicate consistently and transparently with paramedics and universities during implementation decision making and roll-out
- Facilitate the standardised upskilling of paramedics, aligned to the CPGs, across private/public sectors and provinces.
- Guide implementation through local champions and investment into a national end-user document for paramedics

Clinical practice guideline for South African prehospital providers.

Make timely contributions to knowledge gaps in health care by carrying out and promoting systematic reviews that are Africa-relevant and rigorous

IN 2019

We Published



39 PEER REVIEWED JOURNAL ARTICLES



02 PROTOCOLS



01 BOOK CHAPTER

We Gave



27 INTERNATIONAL CONFERENCE PRESENTATIONS



13 NATIONAL CONFERENCE PRESENTATIONS

CONDUCTING HIGH IMPACT REVIEWS

The Research, Evidence and Development Initiative (READ-It): evidence synthesis for sustainable development



project held its inception meeting in Cape Town in January 2019. The project represents continued support to the Evidence Ecosystem portfolio in health, related to diseases of poverty through Cochrane and related organisations relevant to Foreign, Commonwealth and Development Office (FCDO), global and national health systems. We are focusing on high impact reviews and on promoting leadership in evidence synthesis. www.evidence4health.org.

Examples of READ-It reviews

Mateo-Urdiales A, Johnson S, Smith R, Nachega JB, Eshun-Wilson I. Rapid initiation of antiretroviral therapy for people living with HIV. *Cochrane Database of Systematic Reviews* 2019, Issue 6. Art. No.: CD012962. DOI: 10.1002/14651858.CD012962.pub2.

Eshun-Wilson I, Rohwer A, Hendricks L, Oliver S, Garner P (2019) Being HIV positive and staying on antiretroviral therapy in Africa: A qualitative systematic review and theoretical model. *PLoS ONE* 14(1): e0210408. <https://doi.org/10.1371/journal.pone.0210408>

Schoonees A, Lombard MJ, Musekiwa A, Nel E, Volmink J. Ready-to-use therapeutic food (RUTF) for home-based nutritional rehabilitation of severe acute malnutrition in children from six months to five years of age. *Cochrane Database of Systematic Reviews* 2019, Issue 5. Art. No.: CD009000. DOI: 10.1002/14651858.CD009000.pub3.

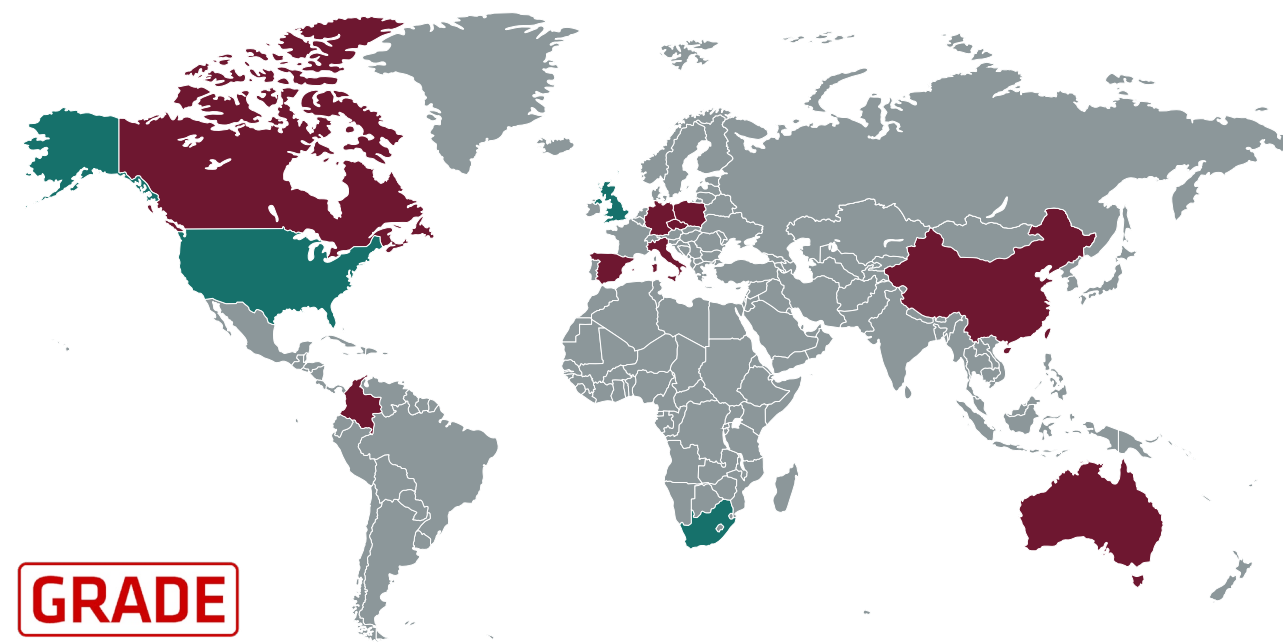
Kashangura R, Jullien S, Garner P, Johnson S. MVA85A vaccine to enhance BCG for preventing tuberculosis. *Cochrane Database of Systematic Reviews* 2019, Issue 4. Art. No.: CD012915. DOI: 10.1002/14651858.CD012915.pub2.

COCHRANE SPECIAL COLLECTIONS ON ACUTE MALNUTRITION

Cochrane Nutrition, co-hosted by the CEBHC, produced these Collections on the prevention and treatment of acute malnutrition, which include relevant Cochrane Reviews published since 2013, to support decision-makers and health professionals in the implementation of evidence-informed policies, programmes and practices for treating and preventing acute malnutrition. This was a collaborative initiative with Evidence Aid and other humanitarian sector stakeholders, including Médecins Sans Frontières, Save the Children, Action Against Hunger, Emergency Nutrition Network, Scaling Up Nutrition (SUN) Movement Secretariat, and World Food Programme.

ADVANCING METHODS IN EVIDENCE SYNTHESIS – GRADE SOUTH AFRICA NETWORK

A GRADE network serves as the primary hub within a region for GRADE-related questions and for support and collaboration opportunities. The South Africa GRADE Network (<https://www.cebhc.co.za/research-what-we-do/south-africa-grade-network/>) aims to advance the use of GRADE for evidence-informed decision-making for policy and practice in South Africa. Through the Network we aim to bring together contributors to GRADE within South Africa, jointly agree on the priorities and strategies for advancing GRADE activities, and build on the extensive research and training experience of individuals within the Network to coordinate and maximise GRADE training, research and guideline activities in South Africa. The Network is jointly managed, and led, by the CEBHC and Cochrane South Africa. The South African GRADE Network was formally launched at the African Cochrane Indaba held in Cape Town in March 2019.



GRADE Centres: McMaster University GRADE Centre, **Canada**, Lanzhou University GRADE Centre, **China**, Barcelona GRADE Centre, **Spain**, Freiburg University GRADE Centre, **Germany**, American University of Beirut GRADE Centre, **Lebanon**, Lazio Region-ASL Rome GRADE Centre, **Italy**, Javeriana Bogotá GRADE Centre, **Colombia**, JBI Adelaide GRADE Centre, **Australia**, Melbourne GRADE Centre, **Australia**, Nottingham Ningbo Centre, **China**, Masaryk University Centre, **Czech Republic**, and **Poland**

GRADE Networks: US GRADE Network, **United States**, Dutch GRADE Network, **Netherlands**, UK GRADE Network, **United Kingdom**, and SA GRADE Network, **South Africa**

Allen et al. *Journal of International Humanitarian Action* (2019) 4:11
<https://doi.org/10.1186/s41018-019-0057-8>

Journal of International Humanitarian Action

REPORT

Open Access

Prevention and treatment of acute malnutrition in humanitarian emergencies: a multi-organisation collaboration to increase access to synthesised evidence

Claire Allen^{1*}, Jeroen Jansen¹, Celeste Naude², Solange Durao³, Monaz Mehta⁴, Erik von Elm⁵, Saskia van der Kam⁶, Claudine Prudhon⁷, Amy Mayberry⁸, Marie McGrath⁹, Carmelia Alae-Carew¹⁰, James A. Berkley¹¹, Patrizia Fracassi¹², Nancy Aburto¹³, Mica Jenkins¹³, Jessica Bourdaire¹³, Shona Lang¹, Alex Neville¹, Isla Kuhn¹⁴, Shaun Lee¹⁵ and Hannah Hafezi^{1,16}

Enhance knowledge, skills and practices of key stakeholders in evidence-informed health care

During 2019, various activities were offered at undergraduate, postgraduate and continuing professional development level. Centre staff supervise and provide methodological mentorship and support to various postgraduates, including postdoctoral students.

Six postgraduate students supervised by Centre staff graduated, input to under- and post-graduate programmes continued and we implemented various workshops and seminars to advance EBHC knowledge and skills.

MSC CLINICAL EPIDEMIOLOGY

The MSc in Clinical Epidemiology (www.sun.ac.za/clinepi) offers rigorous methodological training for health professionals who wish to pursue careers in clinical research and/or evidence-based health care practice. The academic leadership for this programme is provided by the Director of the CEBHC. Programme intake has grown exponentially over the past few years and we are attracting students from a wide geographic area. It is a part-time programme that runs over two years and offers a blend of face-to-face contact sessions, e-learning and self-study. It has employed various innovations, including a mentorship component and a system of teaching assistantship that provides support to both the students and convenors of the programme. In 2019 we reached 152 graduates. The MSc in Clinical Epidemiology programme is inseparable from the work of the CEBHC as staff play key roles in enhancing and expanding the programmatic offering - staff convene various modules, facilitate sessions, provide teaching assistance and support, and are involved in the development and implementation of new structured modules.

ADVANCING EVIDENCE INFORMED PUBLIC HEALTH

As part of capacity building activities within the Collaboration for Evidence-based Healthcare and Public Health in Africa (CEBHA+), a 5-year project that aims to build long-term capacity and infrastructure for evidence-based healthcare and public health in sub-Saharan Africa, the CEBHA+ capacity development working group developed a 5-day, interactive, face-to-face workshop on evidence-based public health (EBPH). The workshop aims to introduce the concepts of EBPH and focuses on asking questions, and finding, appraising, interpreting and applying best evidence to public health questions relevant to the African setting. Anke Rohwer was part of a team of CEBHA+ facilitators from Rwanda, Malawi, Germany and South Africa, that offered the EBPH workshop in Kigali, Rwanda from 23-27 September 2019. Twenty-five participants, including public health practitioners, health care professionals and researchers attended the workshop. The workshop was well received and participants actively engaged in discussions and class exercises. They indicated that the content was relevant and applicable to their daily work.

CEBHA+

DOING THE RIGHT THING: A WORKSHOP ON RESEARCH INTEGRITY AND PUBLICATION ETHICS

The annual conference of the Public Health Association of South Africa (PHASA) took place from 16-18 September 2019, at the Cape Town College. Anke Rohwer and Michael McCaul facilitated a 2-hour workshop on research integrity. The workshop aimed to introduce research integrity and its importance in health research and to promote good practice when reporting research. They presented various scenarios related to authorship, conflicts of interest and plagiarism and asked participants to assess whether the practices portrayed in the scenarios were acceptable or not by submitting an anonymous response through an online clicker system. Thereafter, they divided participants into small groups to discuss scenarios in more detail, including



Participants and facilitators attending the CEBHA+ EBPH workshop in Kigali, Rwanda.

reasons for engaging in poor practices and suggestions of how to do things differently. The workshop ended with a presentation on international best practices and guidelines linked to authorship, plagiarism and conflicts of interest, including where to find them and how they can be implemented.

BRIDGING THE GAP BETWEEN RESEARCH AND POLICY: ENHANCING KNOWLEDGE TRANSLATION CAPACITY

In order to advance the CEBHC's efforts to enhance capacity in knowledge translation, three workshops were offered in 2019 by Dr. Nasreen Jessani. The foundational workshop titled "The Art, Science and Complexity of Knowledge Translation: Introduction to Evidence Informed Decision Making" was offered to new students in November 2019. A follow up workshop on "Engaging with decision-makers: Issue Briefs for Policy and Practice" was offered twice: Once in April and once in November to participants who had already attended the foundational workshop. The Foundational workshop was attended by participants from government, academics, NGOs and advocacy organisations. Participants produced stakeholder maps and analyses for their particular policies, projects or issues. These were complemented by an engagement strategy for one priority stakeholder. The "Engaging with Decision-makers" workshops were attended by a similar variety of participants. Each left with a penultimate draft of an issue brief for a priority decision-maker. These workshops also included Dr. Moodley – a VIP guest from the Western Cape Provincial Department of Health. Dr. Moodley engaged with participants on a variety



Nasreen Jessani and Melvin Moodley with workshop participants.

of topics, provided feedback on their final issue briefs and provided real world examples of the role of research (and researchers) in policy making. The issue briefs to date have served to contribute to decision-making on topics as varied as Emergency Medical Care, to Screen for Hypertension, and to Housing for the Homeless.

RENEWED MBCHB CURRICULUM

The CEBHC has since its inception led and contributed to research on how best to facilitate learning of EBHC. Over the past year we have been co-leading the planning of the integration of EBHC learning in the renewed MBChB curriculum, which will be implemented at the Faculty of Medicine and Health Sciences, Stellenbosch University in January 2022. Enabling and key EBHC competencies will be integrated as learning outcomes into all modules across the six study years, and with a dedicated module in the 4th and 5th study years to equip students with the knowledge and skills to identify and apply all the components of a research project, including reviewing the literature, phrasing clear questions, research methodology, and ethical considerations in research.

KEY CONCEPTS FOR INFORMED CHOICES

Celeste Naude and Anel Schoonees are contributing to this international project. Everyone makes claims about what works. However most people often fail to think critically about the trustworthiness of claims. This project presents a set of principles for assessing the trustworthiness of claims about what works, and for making informed choices ('Key Concepts for Informed Choices'). <https://www.nature.com/articles/d41586-019-02407-9>

'Teach people to think critically about claims and comparisons using these concepts, urged Andrew D. Oxman and an alliance of 24 researchers – they will make better decisions.'

EVIDENCE BASED HEALTH CARE AND COCHRANE REVIEWS

Michael McCaul and Anel Schoonees presented a one-day workshop on evidence-based health care and Cochrane systematic reviews in Lusaka, Zambia on 26 November 2019. This workshop aimed to increase awareness about the need for EBHC, introduce knowledge and skills required to access, appraise and interpret evidence from Cochrane reviews, and briefly describe the role of Cochrane and Cochrane Africa. It consisted of didactic but interactive presentations, aided by



Facilitators Anel Schoonees and Michael McCaul with the workshop participants in Lusaka, Zambia.

the software Mentimeter to gather live responses from the audience during presentations. More than 50 participants attended. They were university staff, postgraduate students and healthcare researchers in Zambia. Most participants had little to no previous experience with systematic reviews, with some (n=14) who had some previous dealings with the topic. Participants' feedback was positive, both during the workshop and from the formal online evaluation. Participants specifically appreciated the informative and interactive nature of the workshop and chose the searching and meta-analysis sessions as highlights. When asked what participants would do with the information gained, various students were motivated to pursue conducting a systematic review, including for doctoral studies, "improve my search for literature" and use the knowledge to "phrase research questions, use important databases and interpret meta-analysis results".



We want to acknowledge the funder READ-It for making the workshop possible. Also a big thank you to Prof Patrick Musonda, Mutale Sampa and Mwiche Musukuma from the School of Public Health, University of Zambia for their generous hospitality and support.

IMPROVING YOUR TRAINING SKILLS: A WORKSHOP FOR COCHRANE TRAINERS

Anke Rohwer and Prof Susan van Schalkwyk, director of the Centre for Health Professions Education (CHPE) at the FMHS, were commissioned by Cochrane to develop a train the trainer curriculum for Cochrane trainers and to facilitate a one-day workshop based on the curriculum at the annual Cochrane Colloquium in Santiago, Chile in October 2019. Although the Colloquium was cancelled last-minute due to civil unrests in Chile, we were still able to proceed with offering this pre-conference workshop for attendees who had already travelled to Santiago. The workshop aimed to

strengthen the delivery of Cochrane training initiatives and was structured around a blend of interactive presentations on key topics relating to the design, planning and facilitation of a learning event, interspersed with opportunities for interaction, sharing of good practice, and reflection. Despite the fact that we had to adapt and shorten the workshop, and the uncertain circumstances, it was great to see that participants actively engaged with the content, enjoyed the interactive exercises and shared personal experiences.



Participants and facilitators at the Cochrane Train-the-Trainer workshop in Santiago, Chile.

Cultivate diverse, strong and effective partnerships

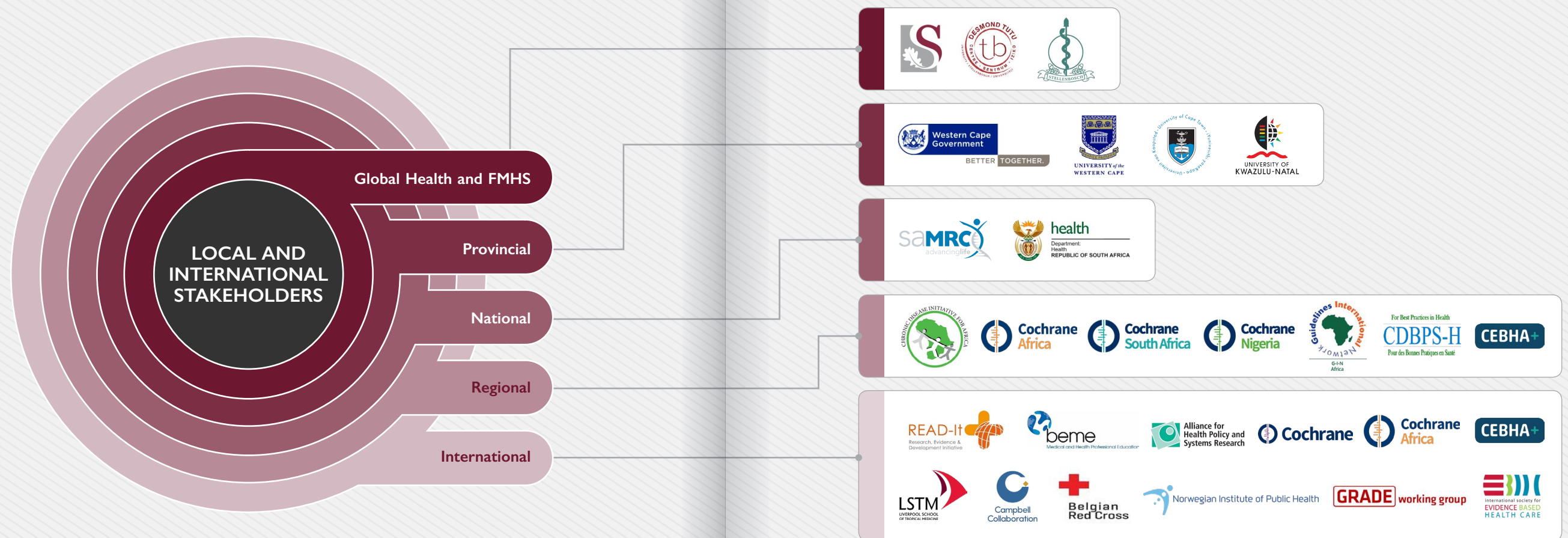
The Centre works in collaboration with a number of local, regional and international institutions, and staff serve on various national and international committees. The key principles are to encourage dialogue, enhance evidence-based health care (EBHC) activities and avoid unnecessary duplication of efforts.

- The Centre works collaboratively with various divisions and departments within the Faculty of Medicine and Health Sciences (FMHS) at Stellenbosch University.
- Within the Department of Health we partner with various decision-makers.
- We link with the Chronic Disease Initiative for Africa (CDIA) and key stakeholders from other academic and research institutions.
- At a national level the Centre collaborates with the Medical Research Council (MRC), specifically Cochrane South Africa, to support the conduct of Cochrane Reviews and promote

EBHC in the African region.

- Together with South African Medical Research Council, Africa Centre for Evidence and African Evidence Network led by the University of Johannesburg, and the WITS Centre for Health Policy, we contribute to the joint South African Evidence Synthesis Group. This group aims to present a forum for collaboration and discussion on evidence synthesis in South Africa. We have collaborated on two training courses for evidence synthesis.
- Regionally we link with the Collaboration for Evidence-based Healthcare and Public Health in Africa (CEBHA+)

and within the Cochrane African Network the CEBHC plays a key role in coordinating the Southern-Eastern Hub. Internationally the Centre collaborates with the READ-It project (funded by DFID) with partners in India, Sri Lanka, Norway, UK and Zambia, to increase evidence-informed decisions in order to improve health and health care for the poor in low-and middle-income countries (LMICs). The CEBHC also works with various Cochrane and Campbell groups and links actively with the World Health Organisation (WHO) at national, regional and international levels.



*Foster a professional environment
that is collaborative, intellectually
stimulating and sustainable*

An excellent team of full-time and part-time staff supports the work of the CEBHC, and we value the contribution of our honorary staff based in Belgium, Canada, Ireland, South Africa and the United Kingdom.

Staff complete annual personal development plans to guide their annual goals and all are actively involved in grant writing. In 2019, we were successful in securing new grant awards to the value of R8,5 million to support the implementation of our work.

We make time to reflect, learn and grow together, and a culture that supports work-life balance and teamwork contributes to an enabling environment for the team to live the values of the Centre.



The CEBHC Team.

*‘Coming together is a beginning.
Keeping together is progress.
Working together is success.’*

– Henry Ford

OUR TEAM

The work of the CEBHC is supported by an excellent team of full-time and part-time staff as well as external staff appointed as extra-ordinary staff.



Prof Taryn Young



Dr Celeste Naude



Dr Anke Rohwer



Dr Eleanor Ochodo



Prof Peter Nyasulu



Ms Anel Schoonees



Mr Michael Mccaul



Ms Tonya Esterhuizen



Prof Rhoderick
Machekano



Ms Lynn Hendricks



Dr Moleen Zunza



Dr Mweete Nglazi



Mrs Traci Naidoo



Ms Liesel Esterhuizen



Mrs Anthea Henry



Dr Carl Lombard



Dr Birhanu Ayele



Dr Jeannine
Uwimana-Nicol



Dr Nasreen Jessani



Dr Kim Nguyen



Dr Marianne Visser



Dr Rhodine Hickman



Dr Amanda Brand



Dr Susan van Wyk



Ms Tamryn Davids

EXTRAORDINARY STAFF APPOINTMENTS

The work of the CEBHC is also supported by the following extraordinary staff:

- Prof Charles Wiysonge
- Prof Lehana Thabane
- Prof Paul Garner
- Prof Lawrence Mbuagbaw

- Prof Olalekan Uthman
- Mr Tawanda Chivese
- Dr Philippe Vandekerckhove

RESEARCH OUTPUTS 2019

PEER-REVIEWED PUBLICATIONS

1. **Eshun-Wilson I, Jaffer S, Smith R**, Johnson S, Hine P, Mateo A, Stephani A and Garner P. Maintaining relevance in HIV systematic reviews: an evaluation of Cochrane reviews. *Systematic Reviews* (2019) 8:46. <https://doi.org/10.1186/s13643-019-0960-5>
2. Birungi FM, Graham SM, **Uwimana Nicol J**, Musabimana A & van Wyk B. Adherence to isoniazid preventive therapy among child contacts in Rwanda: A mixed-methods study. *PLoS ONE* 2019; 14(2): e0211934. <https://doi.org/10.1371/journal.pone.0211934>
3. **Nguyen KA**, Peer N, de Villiers A, Mukasa B, MatshaTE, Mills EJ, et al. (2019) Glycated haemoglobin threshold for dysglycaemia screening, and application to metabolic syndrome diagnosis in HIV-infected Africans. *PLoS ONE* 14(1): e0211483. <https://doi.org/10.1371/journal.pone.0211483>
4. Bishop D, Dyer RA, Maswime S, Rodseth RN, van Dyk D, Kluyts HL, Tumukunde JT, Madzimbamuto FD, Elkhogla AM, Ndonga AKN, Ngumi ZWW, Omigbodun AO, Amanor-Boadu SD, Zoumenou E, Basenero A, Munlemvo DM, Youssouf C, Ndayisaba G, Antwi-Kusi A, Gobin V, Forget P, Mbwele B, Ndasi H, Rakotoarison SR, Samateh AL, Mehyaoui R, Patel-Mujajati U, Sani CM, **Esterhuizen TM**, Madiba TE, Pearse RM, Biccard BM, on behalf of the ASOS investigators*. Maternal and neonatal outcomes after caesarean delivery in the African Surgical Outcomes Study: a 7-day prospective observational cohort study. *Lancet Glob Health* 2019; 7: e513–22.
5. Mueller MM, Van Remoortel H, Meybohm P, Aranko K, Aubron C, Burger R, Carson JL, Cichutek K, De Buck E, Devine D, Fergusson D, Folléa G, French C, Frey KP, Gammon R, Levy JH, Murphy MF, Ozier Y, Pavenski K, So-Osman C, Tiberghien P, **Volmink J**, Waters JH, Wood EM, Seifried E, MD, PhD; for the ICC PBM Frankfurt 2018 Group. Patient Blood Management Recommendations From the 2018 Frankfurt Consensus Conference. *JAMA*. 2019;321(10):983-997. doi:10.1001/jama.2019.0554
6. **Eshun-Wilson I, Rohwer A, Hendricks L**, Oliver S, Garner P (2019) Being HIV positive and staying on antiretroviral therapy in Africa: A qualitative systematic review and theoretical model. *PLoS ONE* 14(1):e0210408. <https://doi.org/10.1371/journal.pone.0210408>
7. **Mahwire T C, Zunza M**, Marukutira T, Naidoo P. Impact of Xpert MTB/RIF assay on multidrug-resistant tuberculosis treatment outcomes in a health district in South Africa. *S Afr Med J* 2019;109(4):259-263. DOI:10.7196/SAMJ.2019.v109i4.13180
8. **Schoonees A**, Lombard MJ, Musekiwa A, Nel E, **Volmink J**. Ready-to-use therapeutic food (RUTF) for home-based nutritional rehabilitation of severe acute malnutrition in children from six months to five years of age. *Cochrane Database of Systematic Reviews* 2019, Issue 5. Art. No.: CD009000. DOI: 10.1002/14651858.CD009000.pub3.
9. Burns J, Boogaard H, Polus S, Pfadenhauer LM, **Rohwer AC**, van Erp AM, Turley R, Rehfuess E. Interventions to reduce ambient particulate matter air pollution and their effect on health. *Cochrane Database of Systematic Reviews* 2019, Issue 5. Art. No.: CD010919. DOI: 10.1002/14651858.CD010919.pub2.
10. Allen C, Jansen J, **Naude C**, Durao S, Mehta M, von Elm E, van der Kam S, Prudhon C, Mayberry A, McGrath M, Alae-Carew C, Berkley JA, Fracassi P, Aburto N, Jenkins M, Bourdaire J, Lang S, Nevitte A, Kuhn I, Lee S and Hafezi H. Prevention and treatment of acute malnutrition in humanitarian emergencies: a multi-organisation collaboration to increase access to synthesised evidence. *Journal of International Humanitarian Action* (2019) 4:11.
11. **Rohwer A**, Wager E, **Young T**. Advancing research integrity: a programme to embed good practice in Africa. *The Pan African Medical Journal*. 2019;33:298. doi:10.11604/pamj.2019.33.298.17008
12. Effa EE, Oduwale O, **Schoonees A**, Hohlfield A, Durao S, Kredt T, Mbuagbaw L, Meremikwu M, Ongolo-Zogo P, Wiysonge C, **Young T**. Priority setting for new systematic reviews: processes and lessons learned in three regions in Africa. *BMJ Global Health* 2019;4:e001615.
13. **Grobler L, Visser M**, Siegfried N. Healthy Life Trajectories Initiative: Summary of the evidence base for pregnancy-related interventions to prevent overweight and obesity in children. *Obesity Reviews* 2019;20(S1):18–30.
14. Madhombiro M, **Musekiwa A**, January J, Chingono A, Abas M, Seedat S. Psychological interventions for alcohol use disorders in people living with HIV/AIDS: a systematic review. *Systematic Reviews* (2019) 8:244. <https://doi.org/10.1186/s13643-019-1176-4>
15. Horne DJ, Kohli M, Zifodya JS, Schiller I, Dendukuri N, Tollefson D, Schumacher SG, **Ochodo EA**, Pai M, Steingart KR. Xpert MTB/RIF and Xpert MTB/RIF Ultra for pulmonary tuberculosis and rifampicin resistance in adults. *Cochrane Database of Systematic Reviews* 2019, Issue 6. Art. No.: CD009593. DOI: 10.1002/14651858.CD009593.pub4.
16. Van Hoving DJ, Griesel R, Meintjes G, Takwoingi Y, Maartens G, **Ochodo EA**. Abdominal ultrasound for diagnosing abdominal tuberculosis or disseminated tuberculosis with abdominal involvement in HIV-positive individuals. *Cochrane Database of Systematic Reviews* 2019, Issue 9. Art. No.: CD012777. DOI: 10.1002/14651858.CD012777.pub2.
17. **Jessani NS, Hendricks L, Nicol L** and **Young T** (2019) University Curricula in Evidence-Informed Decision Making and Knowledge Translation: Integrating Best Practice, Innovation, and Experience for Effective Teaching and Learning. *Front. Public Health* 7:313. doi: 10.3389/fpubh.2019.00313
18. Tallis H, Et al. (including **Naude CE**). Aligning evidence generation and use across health, development, and environment. *Current Opinion in Environmental Sustainability* 2019, 39:81–93.
19. **Eshun-Wilsonova I, Jaffer SM, Hickman R**, Johnson S, Hine P, Mateo-Urdiales A. Maintaining relevance in HIV systematic reviews: an evaluation of Cochrane reviews. *Systematic Reviews* 2019; 8(46):1-4.
20. Bulabula ANH, Nelson JA, Musafiri EM, **Machekano R**, Sam-Agudu NA, Diacon AH, Shah M, Creswell J, Theron G, Warren RM, Jacobson KJ, Chirambiza JP, Kalumuna D, Bisimwa BC, Katoto PDMC, Kaswa MK, Birembano FM, Kitete L, Grobusch MP, Kashongwe ZM and Nachega JB. Prevalence, Predictors, and Successful Treatment Outcomes of Xpert MTB/RIF-identified Rifampicin-resistant Tuberculosis in Post-conflict Eastern Democratic Republic of the Congo, 2012–2017: A Retrospective Province-Wide Cohort Study. *Clinical Infectious Diseases* 2019; 69(8):1278-1287.
21. Ndze VN, Jaka A & **Wiysonge CS** (2019) Reporting quality of systematic reviews of interventions aimed at improving vaccination coverage: Compliance with PRISMA guidelines. *Human Vaccines & Immunotherapeutics*, 15:12, 2836-2843, DOI: 10.1080/21645515.2019.1623998
22. Adamu AA, Uthman OA, Gadanya MA, Cooper S, **Wiysonge CS**. Using the theoretical domains framework to explore reasons for missed opportunities for vaccination among children in Kano, Nigeria: a qualitative study in the pre-implementation phase of a collaborative quality improvement project. *Expert Rev Vaccines* 2019 Aug; 18(8):847-857. doi: 10.1080/14760584.2019.1643720. Epub 2019 Jul 23.
23. Adamu AA, Uthman OA, Gadanya MA, Adetokunboh OO, **Wiysonge CS** (2019) A multilevel analysis of the determinants of missed opportunities for vaccination among children attending primary healthcare facilities in Kano, Nigeria: Findings from the pre-implementation phase of a collaborative quality improvement programme. *PLoS ONE* 14(7): e0218572. doi:10.1371/journal.pone.0218572
24. **McCaul M, Hendricks L**, Naidoo R (2019) Prehospital providers' perspectives for clinical practice guideline implementation and dissemination: Strengthening guideline uptake in South Africa. *PLoS ONE* 14(7): e0219761. <https://doi.org/10.1371/journal.pone.0219761>
25. Jaka A, Ndze VN & **Wiysonge CS** (2019): Assessing the methodological quality of systematic reviews of interventions aimed at improving vaccination coverage using AMSTAR and ROBIS checklists. *Human Vaccines & Immunotherapeutics*, DOI:10.1080/21645515.2019.1631567
26. Mahasha PW, Ndwandwe DE, Mavundza EJ, Shey M, **Wiysonge CS**. Systematic review protocol on Bacillus Calmette-Guerin (BCG) revaccination and protection against tuberculosis. *BMJ Open* 2019 Oct 15;9(10):e027033. doi: 10.1136/bmjopen-2018-027033.
27. Adamu AA, Uthman OA, Gadanya MA, **Wiysonge CS**. Implementation and evaluation of a collaborative quality improvement program to improve immunization rate and reduce missed opportunities for vaccination in primary health-care facilities: a time series study in Kano, Nigeria. *Expert Rev Vaccines* 2019 Sep;18(9):969-991. doi:10.1080/14760584.2019.1647782.
28. Sambala EZ, Ngcobo N, Machingaidze S, Wiyeh AB, Mahasha PW, Jaka A, Cooper S, **Wiysonge CS**. A global review of seasonal influenza vaccine introduction: analysis of the WHO/UNICEF Joint Reporting Form. *Expert Rev Vaccines* 2019 Aug;18(8):859-865. doi: 10.1080/14760584.2019.1640119.
29. Sambala EZ, Wiyeh AB, Ngcobo N, Machingaidze S, **Wiysonge CS**. New vaccine introductions in Africa before and during the decade of vaccines - Are we making progress? *Vaccine* 2019 May 31;37(25):3290-3295. doi: 10.1016/j.vaccine.2019.05.002.
30. Adamu AA, Sarki AM, Uthman OA, Wiyeh AB, Gadanya MA, **Wiysonge CS**. Prevalence and dynamics of missed opportunities for vaccination among children in Africa: applying systems thinking in a systematic review and meta-analysis of observational studies. *Expert Rev Vaccines* 2019 May;18(5):547-558. doi: 10.1080/14760584.2019.1588728.
31. Sambala EZ, Ndwandwe DE, Imaan LM, **Wiysonge CS**. Evaluation of influenza surveillance systems in sub-Saharan Africa: a systematic review protocol. *BMJ Open* 2019 Jan 28;9(1):e023335. doi: 10.1136/bmjopen-2018-023335.
32. Adamu AA, Uthman OA, Sambala EZ, Ndwandwe D, Wiyeh AB, Olukade T, Bishwajit G, Yaya S, Okwo-Bele JM, **Wiysonge CS**. Rural-urban disparities in

- missed opportunities for vaccination in sub-Saharan Africa: a multi-country decomposition analyses. *Hum Vaccin Immunother* 2019;15(5):1191-1198. doi: 10.1080/21645515.2019.1575163.
33. Adamu AA, Uthman OA, Wambiya EO, Gadanya MA, **Wiysonge CS**. Application of quality improvement approaches in health-care settings to reduce missed opportunities for childhood vaccination: a scoping review. *Human Vaccines & Immunotherapeutics*, 15:11, 2650-2659, DOI: 10.1080/21645515.2019.1600988
34. Smit DP, Meyer D, **Esterhuizen TM**, De Groot-Mijnes JDF. Polymerase Chain Reaction and Goldmann-Witmer Coefficient Testing in the Diagnosis of Infectious Uveitis in HIV-Positive and HIV-Negative Patients in South Africa. *Ocular Immunology and Inflammation*, Volume 27, 2019 - Issue 2
35. Holness JL, Fleming JS, **Chirehwa MT**, Warwick JM. Propagation of measurement errors in glomerular filtration rate determination: a comparison of slope-intercept, single-sample and slope-only methods. *Nucl Med Commun*. 2019 Apr;40(4):333-342. doi: 10.1097/MNM.0000000000000977.
36. Smit DP, **Esterhuizen TM**, Meyer D, de Boer JH, de Groot-Mijnes JDF. The Etiology of Intraocular Inflammation in HIV Positive and HIV Negative Adults at a Tertiary Hospital in Cape Town, South Africa. *Ocul Immunol Inflamm*. 2019;27(2):203-210. doi: 10.1080/09273948.2018.1476555.
37. Adedokun ST and **Uthman OA**. Women who have not utilized health Service for Delivery in Nigeria: who are they and where do they live? *BMC Pregnancy and Childbirth* (2019) 19:93
38. Olowoyeye A, Fadahunsi O, Okudo J, Opaneye O, **Okwundu C**. Ultrasound imaging versus palpation method for diagnostic lumbar puncture in neonates and infants: a systematic review and meta-analysis. *BMJ Paediatrics Open* 2019;3:e000412. doi:10.1136/bmjpo-2018-000412
39. Mazanderani AH, **Motaze NV**, McCarthy K, Suchard M, du Plessis NM. Hepatitis A virus seroprevalence in South Africa - Estimates using routine laboratory data, 2005–2015. *PLoS ONE* 14(6): e0216033. <https://doi.org/10.1371/journal.pone.0216033>

PUBLISHED PROTOCOLS

1. **Visser ME**, Ezekiel CN, **Schoonees A**, **Esterhuizen TM**, Randall N, **Naude CE**. Agricultural and nutritional educational interventions for reducing aflatoxin exposure to improve infant and child growth in low- and middle income countries. *Cochrane Database of Systematic Reviews* 2019, Issue 7. Art. No.: CD013376. DOI: 10.1002/14651858.CD013376.

2. **Naude CE**, **Schoonees A**, **Nguyen KA**, Senekal M, **Young T**, Garner P, Richardson M, **Volmink J**. Low carbohydrate versus balanced carbohydrate diets for reducing weight and cardiovascular risk. *Cochrane Database of Systematic Reviews* 2019, Issue 5. Art. No.: CD013334. DOI: 10.1002/14651858.CD013334.

SCIENTIFIC LETTERS, EDITORIALS, COLUMNS

1. Oxman Ad, Aronson JK, Dahlgren A, Barends E, Boruch R, Brennan M, Chalmers I, Chislett J, Cunliffe-Jones P, Haines A, Heneghan C, Gaarder M, Matthews R, Maynard B, Randall N, Oxman M, Pullin A, Roddam H, **Schoonees A**, Sharples J, Stewart R, Stott J, Tallis R, Thomas N, Vale L. Key concepts for making informed choices. *Nature* 2019;572: 303-306.

CHAPTER IN BOOKS

1. **McCaul MG**. Trauma: Spinal Injury. In: Checkett K, Wallis LA, Reynolds TA (eds.) *AFEM Handbook of Acute and Emergency Care*, Oxford University Press Southern Africa (Pty) Limited, Cape Town, South Africa, 2019: 1-1161.

INTERNATIONAL PRESENTATIONS

1. Pfadenhauer LM, Grath T, Rehfuss EA, **Young T** et al. Facilitating uptake of research in policy and practice: integrated knowledge translation in CEBHA+ [version 1; not peer reviewed]. *Gates Open Res* 2019, 3:1623 (poster presentation)
2. **Young T**. Evidence informed practices in low-and middle income countries: implementation opportunities and barriers. *9th International Conference for EBHC Teachers and Developers*, 8 November 2019 (plenary)
3. **Rohwer A**, **Young T**, Wager E, Garner P. Perceptions and experiences around plagiarism, conflict of interest and authorship in low- and middle-income countries. *African Cochrane Indaba*, Cape Town, South Africa, 25-26 March 2019. (poster presentation)
4. **Rohwer A**, **Young T**, Wager E, Garner P. African biomedical journals: survey of policies and author guidelines. *6th World Conference on Research Integrity*, Hong Kong, 2-5 June 2019. (poster presentation)
5. **Rohwer A**, Burns J, Akiteng AR, Ntawuyirushintege S, Tumusiime D, Namatovu S, Kobusingye O, on behalf of the CEBHA+ capacity development working group. Building evidence-based public health capacity in Africa: Developing and piloting a workshop. *26th Cochrane Colloquium*, Santiago, Chile 22-25 October 2019. (oral presentation)
6. Van Schalkwyk S, **Rohwer A**. Improving your training skills: A workshop for Cochrane trainers. *26th Cochrane*

Colloquium, Santiago, Chile, 21 October 2019. (pre-conference workshop)

7. **Rohwer A**, Burns J, Akiteng AR, Ntawuyirushintege S, Tumusiime D, Namatovu S, Kobusingye O, on behalf of the CEBHA+ capacity development working group. Piloting a workshop on Evidence-based Public Health in Africa. *9th International Conference for EBHC Teachers and Developers and 8th Conference of the International Society for EBHC*, Taormina, Sicily, 6-9 November 2019. (oral presentation)
8. Jaffer S, **Rohwer A**. Evidence-based Public Health Training: A Scoping Review. *9th International Conference for EBHC Teachers and Developers and 8th Conference of the International Society for EBHC*, Taormina, Sicily, 6-9 November 2019. (poster presentation)
9. **Rohwer A**. Using Logic Models in Systematic Reviews. *9th International Conference for EBHC Teachers and Developers and 8th Conference of the International Society for EBHC*, Taormina, Sicily, 6-9 November 2019 (pre-conference workshop)
10. **Visser M**, **Nguyen K**, **Schoonees A**, **Naude C**, Durão S. Accessible Cochrane nutrition evidence: 'packaging and push' and 'facilitating pull' in action. *Cochrane Colloquium*, Santiago, October 2019. (poster presentation). (Colloquium cancelled but submitted to Virtual event that took place from 2 to 6 December 2019).
11. **Schoonees A**, Mbuagbaw L, Oliver J, Arikpo D, Durão S, Effa E, Hohlfeld A, Kredo T, Wiysonge C, **Young T**. To what extent do Cochrane authors in sub-Saharan Africa conduct and publish non-Cochrane Reviews? *Virtual #CochraneSantiago*. 2 December 2019 (long oral presentation, pre-recorded).
12. **Nguyen K**, Visser M, **Fisher L**, **Schoonees A**, **Naude C**, Durão S. Accessible Cochrane nutrition evidence: 'Packaging and push' and 'facilitating pull' in action. *Virtual #CochraneSantiago*. 2 December 2019 (poster presentation).
13. **Naude C**, **Schoonees A**, Pérez M, Baladia E, Rada G. Epistemonikos leading a multi-country, multi-disciplinary collaboration to build a multi-lingual 'one-stop shop' of synthesized nutrition evidence. *Virtual #CochraneSantiago*. 2 December 2019 (poster presentation).
14. **Naude C**, **Schoonees A**, Wakeford H, Lasserson T. To fast or not to fast": Cochrane Nutrition and the Cochrane Fast-track Service join hands to produce a priority nutrition review for WHO. *Virtual #CochraneSantiago*, 2 December 2019 (long oral presentation, pre-recorded).
15. **Jessani N**. From activities to impact: Thinking strategically about knowledge translation. *Food Security and Maternal Mental Health Symposium*, Cape Town, South Africa. Invited speaker. October 2019
16. **Jessani N**. Can social network analysis help explain how research is constructed and used? *Institute of Development Studies*, Brighton, UK. Invited panelist. Virtual. March 2019
17. **Hendricks L** and **Rohwer A**. Barriers and facilitators of linkage, adherence and retention in care for HIV positive people: An overview of systematic reviews. *3rd European Congress of Qualitative Inquiry*, Edinburgh, Scotland, 13-15 February 2019. (oral presentation)
18. **Naude CE**. Epistemonikos leading a multi-country, multi-disciplinary collaboration to build a multi-lingual 'one-stop shop' of synthesised nutrition evidence. *Cochrane Colloquium*, Santiago, 2019. (virtual: poster presentation)
19. **Naude CE**. "To fast or not to fast": Cochrane Nutrition and the Cochrane Fast-track Service join hands to produce a priority nutrition review for WHO. *Cochrane Colloquium*, Santiago, 2019. (virtual presentation)
20. **Visser M**. Accessible Cochrane nutrition evidence: 'Packaging and push' and 'facilitating pull' in action. *Cochrane Colloquium*, Santiago, 2019. (virtual: poster presentation)
21. **Uwimana Nicol J**, **Rohwer A**, Bavuma CM, **Young T** and Meerpohl JJ. "Effects of integrated models of care for diabetes and hypertension in low-and middle-income countries: A systematic review" *Africa Health Agenda: Universal Health Coverage Conference*, 5-7 March 2019, Kigali Convention Centre, Rwanda.
22. Kredo T, **McCaul M**, Siegfried N. Simulation for teaching GRADE in guidelines development in Sub-Saharan Africa. *African Cochrane Indaba*, March 2019. (poster presentation)
23. **McCaul M**, Galloway M, Ernstzen D, Temmingh H, Draper B, Kredo T. Adaptive clinical practice guideline development methods in resource-constrained settings – four case studies from South Africa. *African Cochrane Indaba*, March 2019. (poster presentation)
24. Kredo T, **McCaul M**. GRADE Guideline EtD Simulation Workshop. *African Cochrane Indaba*. March 2019. (workshop)
25. **Visser M**, Kredo T, Saldanha JJ, Durao S. Assessing the completeness and comparability of outcomes in systematic reviews addressing food availability: A pilot study. *African Cochrane Indaba*, 25-26 March 2018, Cape Town, South Africa (poster presentation).
26. **Nguyen K**, **Visser M**, **Fisher L**, **Schoonees A**, **Naude C**, Durão S. Cochrane Nutrition KT – increasing accessibility and use of nutrition reviews among stakeholders. *African Cochrane Indaba*, Cape Town, South Africa. 26 March 2019 (poster presentation).
27. **Schoonees A**, **Naude C**, **Volmink J**. Cochrane "Packaging and Push" in action: dishing up digestible nutrition evidence. *African Cochrane Indaba*, Cape Town, South Africa. 26 March 2019 (plenary presentation).

NATIONAL PRESENTATIONS

1. **Young T**, English R, Modisenyane M, Padayachee T. Evidence informed decision-making: realities, challenges and tools. *PHASA*, 16-18 September 2019. (oral presentation)
2. Jaffer S, **Young T**. Prevalence of non-communicable diseases in adults living with the human immunodeficiency virus: an overview of systematic reviews. *Annual Academic Day* 2019. (oral presentation)
3. **Young T**. Evidence informed practices: implementation opportunities and barriers. *2019 Jack Brock Memorial Lecture, 45th Research Day*, Department of Medicine, University of Cape Town, 2 October 2019. (oral presentation)
4. **Zunza M**. Exploring association between predominant breastfeeding and infection-related hospitalization, over time: an empirical comparison of models to account for clustering. *Joint Conference of the Sub-Saharan African Network (SUSAN) of the International Biometrics Society (IBS) and DELTAS Africa Sub-Saharan Africa Consortium for Advanced Biostatistics (SSACAB)*, 08-11 September 2019, Cape Town, South Africa (oral presentation)
5. Geldenhuys C, **Zunza M**, Tiffin N, Koen L and Decloedt E. Clozapine Haematological Side Effect Monitoring in the Western Cape: A Retrospective Review of the Provincial Health Data Centre Database 2015-2017. *Annual Academic Day*, Stellenbosch University 2019
6. Malherbe P, Smit P, Sharma K, **McCaul M**. Guidance we can trust? The status and quality of prehospital clinical guidance in Sub-Saharan Africa: A scoping review. *EMSSA* November 2019. (oral presentation)
7. Mukonkole SN, Hunter L, Möller A, **McCaul M**, Lahri S, Van Hoving DJ. A comparison of trauma scoring systems for trauma-related injuries presenting to a district-level urban public hospital in Western Cape, South Africa. *EMSSA* November 2019. (oral presentation)
8. **Rohwer A**, Burns J, Akiteng AR, Ntawuyirushintege S, Tumusiime D, Namatovu S, Kobusingye O, on behalf of the CEBHA+ capacity development working group. Building evidence-based public health capacity in Africa: Developing and piloting a workshop. *PHASA annual conference*, Cape Town, South Africa, 16-18 September 2019. (poster presentation)
9. **Rohwer A, McCaul M, Nyasulu P**. Doing the right thing: A workshop on research integrity and publication ethics. *PHASA annual conference*, Cape Town, South Africa, 16-18 September 2019. (skills building workshop)
10. **Ayele B**. 'Progression of Cisplatin-associated Ototoxicity amongst Patients receiving Cancer Chemotherapy: Application of Censored Regressions', *Joint Conference of the Sub-Saharan Network (SUSAN) of the International Biometrics Society (IBS) and DELTAS Africa Sub-Saharan*

Africa Consortium for Advanced Biostatistics (SSACAB), Cape Town, South Africa, Sept, 2019 (oral presentation).

11. **Hendricks L**. Race, Science and the future of Psychology. *25th Annual Psychological Society of South Africa Congress*, Johannesburg, South Africa, 4 September 2019. (plenary oral paper)
12. **Hendricks L** and Widgowitz M. Eliciting Africa's imaginations through creative p[ART]icipatory research - Carefully treading the fine line of 'empowerment' in p[ART]icipatory research: Participant or co-creator?. *25th Annual Psychological Society of South Africa Congress*, Johannesburg, South Africa, 5 September 2019. (Symposium chair and oral presentation)
13. Widgowitz M. and **Hendricks L**. Africa's future researchers: Reflections on pursuing a PhD - The road to PhD is paved with good intentions and multiple reality checks. *25th Annual Psychological Society of South Africa Congress*, Johannesburg, South Africa, 5 September 2019. (Symposium chair and oral presentation)

POSTGRADUATE STUDENT SUPERVISION

1. Michael McCaul, PhD, Stellenbosch University. Topic: Strengthening pre-hospital clinical practice guideline development and implementation for South Africa (Supervisor: **Taryn Young**). Ongoing
2. Heather Henry, PhD, Stellenbosch University. Topic: Treatment for Paroxysmal Atrial Fibrillation. (Supervisor: **Taryn Young**). Ongoing
3. Neema Mosha, PhD, Stellenbosch University. Topic: The impact of missing data on estimating HIV/AIDS prevalence, incidence and causal effects in a demographic sentinel surveillance (Supervisor: **Taryn Young**). Ongoing
4. Lynn Hendricks, PhD, Leuven University. Topic: Envisioning enabling environments for adherence to ART for young women living with perinatal HIV infections in South Africa: An arts-based materialism perspective. (Supervisor: **Taryn Young**). Ongoing
5. Cynthia Lungu, MPhil Health Systems, Stellenbosch University. Topic: The role of ethics in health priority setting: A case study analysis using the provisional ethics framework for health priority setting under the South African National Health Insurance (Supervisor: **Taryn Young**). Graduated 2019
6. Sophia Amponsa, MSc Clinical Epidemiology, Stellenbosch University. Topic: Context and implementation of complex intervention (CICI) framework versus Intervention complexity assessment tool for systematic reviews (iCAT-SR) tool in assessing and describing complexity of community-based ART initiation within a systematic review (Supervisor: **Taryn Young**). Graduated 2019

7. Shahista Jaffer, MSc Clinical Epidemiology, Stellenbosch University. Topic: Prevalence co- and multi-morbidity in HIV positive individuals on ART: Overview of systematic reviews (Supervisor: **Taryn Young**). Graduated 2019
8. Kessendri Reddy, MSc Clinical Epidemiology. Topic: Trends in hospital-acquired bloodstream infections at a tertiary South African neonatal unit. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
9. Fikile Nomvete, MSc Clinical Epidemiology. Topic: A comparative analysis between upper and lower gastrointestinal endoscopy in the evaluation of chronic diarrhoea in HIV infected individuals. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
10. Juluis Mwita, MSc Clinical Epidemiology. Topic: Statin prescription among patients with diabetes in a specialized clinic in Botswana. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Graduated 2019
11. Blanchard Iyemso. MSc Clinical Epidemiology. Topic: Prevalence of sexually transmitted infections amongst circumcised adult males compared to uncircumcised adult males in Rustenburg, Bo Jamala district, North West Province, South Africa : A cross-sectional study. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
12. Sonja Pieterse. MSc Clinical Epidemiology. Topic: The effect of disclosure on adherence in HIV children in a clinical trial setting: A retrospective cohort study. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
13. Amashnee Saimen. MSc Clinical Epidemiology. Topic: Influence of previous tuberculosis treatment history on time to culture conversion for patients receiving a Bedaquiline containing regimen at Sizwe Tropical Disease Hospital, South Africa. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
14. Sandile Ndlovu. MSc Clinical Epidemiology. Topic: Trends in childhood cancers from children admitted at Tygerberg Children Hospital pediatric oncology unit between 1994 and 2014. Stellenbosch University. (Supervisor: **Tonya Esterhuizen**). Ongoing
15. Ndamona Haushona. MSc Biostatistics. Topic: Empirical comparison of time-to-event models to analyze a composite outcome in the presence of death as a competing risk. Stellenbosch University (Supervisor: **Tonya Esterhuizen**). Ongoing
16. Suzaan Stoker, MSc Clinical Epidemiology. Topic: Insight into the magnitude of chronic kidney disease among the general adult population in Africa: A systematic review and individual participant data meta-analysis (Supervisor: **Moleen Dzikiti**). Ongoing
17. Matjeko Lenka, MSc Clinical Epidemiology. Topic: Mortality and associated risk among TB/HIV co-infected patients at Maluti Adventist Hospital, Lesotho: A retrospective

cohort study. (Supervisor: **Moleen Dzikiti**). Ongoing

18. Veranyuy Ngah, MSc Clinical Epidemiology. Topic: Adherence and predictors of adherence to the CONSORT statement in the reporting of tuberculosis vaccine trials. (Supervisor: **Moleen Dzikiti**). Ongoing
19. Neo Mohapeloa, MSc Clinical Epidemiology. Topic: Prevalence of burnout and the predominant stress management strategies: a cross sectional survey of community health workers within the Setsoto Local Municipality. (Supervisor: **Moleen Dzikiti**). Ongoing
20. Ndedi Phoba, MSc Clinical Epidemiology. Topic: Prevalence and factors associated with being a victim of community assaults; retrospective review of medical records in the Accident and Emergency Department of Mamelodi Hospital, South Africa. (Supervisor: **Moleen Dzikiti**). Ongoing
21. Naseef Abdullah, MPhil Clinical Emergency Care. Topic: A Retrospective study of the Prehospital Burden of Trauma Managed by the Western Cape Government Emergency Medical Service. University of Cape Town (Supervisors: **Michael McCaul, Peter Nyasulu**). Graduated December 2019
22. Lynn Hendricks, MSc Clinical Epidemiology. Topic: Barriers and facilitators to linkage, adherence and retention in care among HIV positive patients: An overview of systematic reviews using mega-aggregation. (Supervisor: **Anke Rohwer**). Graduated April 2019
23. Nina Robertson, Masters in Nutrition. Topic: Update of Cochrane review: Pine bark extract for the treatment of chronic disorders. (Supervisors: **Anel Schoonees, Janicke Visser**). Ongoing
24. Lovemore Sigwadhi, Msc in Biostatistics, Stellenbosch University-completed. Topic: Bayesian and Frequentist Estimation of Risk Ratios in Studies with Common Outcomes: Simulation and AETBC study. (Supervisor: **Birhanu Ayele**). Ongoing
25. Claire Daves, PhD in Epidemiology, Stellenbosch University-ongoing. Topic: Longitudinal assessment of insulin resistance in HIV infected children (Co-supervisor: **Birhanu Ayele**). Ongoing
26. Getnet Mekonnen, PhD in Tropical and Infectious Diseases, Addis Ababa University-ongoing. Topic: Bovine Tuberculosis: Epidemiology and Network Analysis in three cities of Ethiopia. (Co-supervisor: **Birhanu Ayele**). Ongoing
27. Bezuayehu Alem, PhD in Environmental Health Sciences and Technology, Jimma University-ongoing. Topic: Spatiotemporal Assessment of Diarrheal Illnesses in Bench Maji Zone, Ethiopia', PhD in Environmental Health Sciences and Technology, Jimma University, Ethiopia. (Co-supervisor: **Birhanu Ayele**). Ongoing

28. Sheena Ruzive, MSc Clinical Epidemiology. Topic: Identifying Gaps in Primary Nutrition Research from Cochrane Nutrition Reviews using the EPICOT+ Framework (Supervisor: **Celeste Naude**). Ongoing
29. Anel Schoonees, PhD Public Health. Topic: Perusing the Use of Research Evidence in mass Media reporting on health interventions by journalists and science communicators in South Africa: the PURE Media project (Supervisors: **Taryn Young**, George Claassen, **Celeste Naude**). Ongoing
30. Tabitha Mutseyekwa, MSc Clinical Epidemiology. Topic: Understanding factors, reasons and outcomes for referral back to clinic care among stable HIV positive adult patients on antiretroviral therapy enrolled in adherence clubs at a primary healthcare facility in Khayelitsha, Cape Town (Supervisor: **Mweete Nglazi**) Ongoing
31. Nelisiwe Swana, MSc Epidemiology. Topic: The use of error reporting data in patient safety research. (Supervisors: Lilian Dudley, Kerstin Klemp, **Peter S Nyasulu**). Graduated April 2019
32. Yishak Abraham. MSc Clinical Epidemiology. Topic: Factors associated with antiretroviral treatment failure amongst people living with HIV on antiretroviral therapy in resource poor settings: A Systematic Review & Meta-analysis. Supervisors: **Peter S Nyasulu**, Marcel Kitenge). Completed, 2019.
33. Akuoma Nwaiwu. MSc Clinical Epidemiology .Topic: Yellow Fever incidence and mortality in Africa – A Systematic Review and Meta-analysis.(Supervisor: **Peter S Nyasulu**, Everson Sambala). Completed, 2019.
34. Longolongo Kibonge Raymond. MSc Infectious Diseases Epidemiology. Topic: Factors Associated with HIV testing and retention in care among adolescents in Johannesburg, South Africa. Wits University. (Supervisor: **Peter S. Nyasulu**. Ndumiso Tshuma). Ongoing
35. Tariro Ndoro. MSc Epidemiology & Biostatistics. Topic: Factors affecting ART adherence among HIV positive Adherence Club members in Ekurhuleni, South Africa. Wits University. (Supervisors: **Peter S Nyasulu**, Zodwa Ndlovu). Ongoing
36. Idon Nkhenso Sibuyi. DTech. Health Informatics. Topic: An exploration of mobile health implementation in South Africa: a service design perspective. Cape Peninsula University of Technology. (Supervisors: Retha de la Harpe, **Peter S Nyasulu**). Ongoing
37. Mosima Pheela. PhD Epidemiology. Topic: Identification of genetic determinants of the postprandial lipaemic response in patients with type 2 diabetes mellitus: a genome-wide association study (GWAS) in an African population. (Supervisor: **Peter S Nyasulu**, Samuel Manda) Ongoing
38. Trust Chibawara. PhD Epidemiology. Topic: Effect of antiretroviral treatment in adults on HIV incidence among young females in Swaziland. (Supervisor: **Peter S Nyasulu**, Dan Kajungu) Ongoing
39. Lydia Atuhaire. PhD Public Health. Topic: HIV Continuum of Care Outcomes among HIV Infected Female Sex Workers in Kampala Uganda. (Supervisor: **Peter S Nyasulu**, Constance Shumba) Ongoing
40. Marcel Kitenge. PhD Epidemiology. Topic: Spatial-temporal Dynamics and Impact of Sexual and Gender Based-Violence in HIV Transmission in Bojanala District, North West Province, South Africa. (Supervisor: **Peter S Nyasulu**) Ongoing
41. Vuyelwa Mehlomakulu. PhD Public Health. Topic: An assessment of external HIV-related stigma in South Africa: implications for interventions. University of Cape Town. (Supervisors: John Joska, **Peter S Nyasulu**, Leickness Simbayi). Ongoing.
42. David Niyukuri. PhD Epidemiology. Topic: Modelling HIV transmission dynamic networks and molecular evolution. (Supervisors: **Peter S Nyasulu**, Wim Delva). Ongoing
43. Nosimilo Mlangeni. PhD Public Health. Topic: Investigating disparities of HIV prevention and care for farmworkers: risks, inequality and policies. (Supervisor: **Peter S Nyasulu**) Ongoing.

SUPPORTING GRADUATES TO PUBLISH THEIR RESEARCH PROJECTS

1. Petrus Malherbe (MBChB student). Topic: Scoping review of emergency care guidance documents in Sub-Saharan Africa. (Supervisor: **Michael McCaul**). Ongoing
2. Supporting 2 Nursing (Honour's) students to complete scoping review. (**Lynn Hendricks**)

INTELLECTUAL INPUT

Taryn Young

- Member, Cochrane Knowledge translation strategy working group, 2016 – 2019
- Member, Best Evidence Medical Education (BEME) Board, 2015 – 2019
- Advisory Group Member, Africa Centre for Evidence, University Johannesburg, 2017 – date
- Member, Faculty Postgraduate Teaching committee, 2016 – ongoing
- Member, Cochrane author forum, 2013 – ongoing
- Member, Cochrane Africa Steering Group, 2017 – date
- Member, Senate, Stellenbosch University, 2017 –
- Member, Academy of Science of South Africa, 2017 –
- Member, Curriculum committee, International Society on Evidence-based Health Care, 2013 – ongoing
- Chair of the Masters in Clinical Epidemiology programme, selection and bursary committees, 2008 – ongoing
- Invited member of the Chronic Disease Initiative for Africa. April 2014 – ongoing
- Member, Scientific committee, 9th International Conference for EBHC Teachers and Developers, (2019)
- Member, Scientific committee, PHASA, (2019)
- Member, Scientific committee, SUSAN SSACAB, (2019)

Celeste Naude

- Associate Editor, Nutrition Journal, Biomed Central, 2017 – ongoing
- Associate Editor, Cochrane Effective Practice and Organisation of Care Group, 2015 – ongoing
- Member, Cochrane WHO Working Group, 2018 – ongoing
- Co-director, Cochrane Nutrition, 2016 – ongoing
- Member, Cochrane Fields Executive Committee, 2015 – ongoing
- Mentor, Cochrane African Network, 2016 – ongoing
- Member, Cochrane Knowledge Translation Implementation Working Groups, 2017 – ongoing
- Member, Cochrane Knowledge Translation Evaluation Working Group, 2020 – ongoing
- Collaborator, The Bridge Collaborative, a global coalition developing a shared evidence base for solutions that bridge inclusive development, health and environmental sustainability, 2016 – ongoing
- Member, South Africa GRADE Network, 2018 – ongoing
- Invited Collaborator, NutriRECS (Nutritional Recommendations and accessible Evidence summaries Composed of Systematic reviews), an independent group aiming to produce trustworthy nutritional guideline recommendations, with collaborating organizations including GRADE, AGREE, McMaster University and Cochrane Poland, 2018 – ongoing
- Invited Member, Chronic Disease Initiative for Africa, April 2014 – ongoing
- Member, Ministerial Committee on Mortality and Morbidity in Children (CoMMiC), National Department of Health; Directorate: Child & Youth Health, 2015 – ongoing
- Executive Committee Member, South African Epidemiology Association (SACEA), 2013 – ongoing
- Member, Technical Reference Group on Healthy Eating. Western Cape Government Health, July 2014 – ongoing

Eleanor Ochodo

- Extended member of STARD group (Standards for the reporting of Diagnostic Accuracy)
- Peer reviewer, British Medical Journal (BMJ), 2019
- Peer reviewer, Cochrane Library Diagnostic group, 2019
- Peer reviewer, PLoS One, 2019
- Peer reviewer, Systematic reviews, 2019
- Peer reviewer, BMC Medical Research Methodology, 2019

Anke Rohwer

- Methods Editor Cochrane Public Health Group, October 2014 – ongoing
- Peer reviewer, South African Family Practice, September 2019
- Abstract reviewer, Cochrane Colloquium
- Abstract reviewer, Qualitative Evidence Symposium
- Lead of Teaching Methods Consultants Group, Evidence-based Research network (EVBRES), 2018 – ongoing

Moleen Zunza

- Member; International Epidemiology Association (IEA), 2014 – date
- Human Research Ethics Committee member; Stellenbosch University, 2017 – date
- Reviewer; Journal of international AIDS society, 2016 – date
- Reviewer; Contemporary Clinical Trials communication, 2017 – date
- Peer reviewer; PLOS ONE, 2018 – date
- Peer Reviewer; Trials, 2018 – date
- Africa Region- International Epidemiological Association Conference, 14-17 April, 2019, Maputo Mozambique, local organizing committee member
- Ph.D. committee panel member; 2018 – date: Serve on different committees reviewing protocols submitted for PhD studies, from various departments in the faculty of Medicine and Health sciences at Stellenbosch University
- Internal examiner of MSc Clinical Epidemiology (Lindi Mathebula). Planned, ongoing and completed tuberculosis treatment trials in Brazil, Russia, India, China, and South Africa: a cross-sectional descriptive analysis, Stellenbosch University, October 2019
- External examiner of MSc Epidemiology (Eugene Jamot Ndebia). Hormonal contraception use and HIV infection in Mthatha, University of Witwatersrand, September 2019
- External Examiner of Master of Medicine thesis (Botlenyana Leretholi). Tenofovir Disoproxil Fumarate Related Renal Impairment in HIV Infected Pregnant Females: Gamalakhe CHC 2015-2017, University of KwaZulu Natal, May 2019

Anel Schoonees

- Scientific committee for Africa Cochrane Indaba, including reviewing abstracts and bursary applications in January and February 2019.
- Reviewed abstracts for the Cochrane Colloquium Santiago in May 2019.
- Cochrane African Network, Southern-Eastern hub mentor and member of the Steering Group Committee, 2017 – ongoing

Tonya Esterhuizen

- Executive member; South African Clinical Epidemiology Association (SACEA), 2013 – ongoing
- Peer Reviewer; Cochrane Infectious Diseases Group, 2012 – ongoing
- Peer Reviewer; Cochrane Diagnostic Test Accuracy Group, 2013 – ongoing
- Member of the Masters in Clinical Epidemiology programme, selection and bursary committees, 2012 – ongoing
- Member of the Masters in Biostatistics programme committee, 2019 – ongoing
- Peer reviewer; JMIR, BMC Public Health, BMC Pediatrics and others.
- Member of HREC Stellenbosch University, 2019 – ongoing.

Lynn Hendricks

- Executive Council Member; Psychological Society of South Africa, 2019 – ongoing
- Scientific Committee, Psychological Society of South Africa, 2017– ongoing
- Member; American Psychological Society, 2012 – ongoing
- Member; Africa Evidence Network
- Reviewer; African Journal of Emergency Medicine, November 2018 – ongoing
- Reviewer; Emergency Medicine Journal, 2019
- Reviewer; BMC Systematic Reviews, 2019
- Reviewer; South African Journal of Psychology, 2019

Michael McCaul

- Section Editor and Reviewer; African Journal of Emergency Medicine, 2016 – ongoing
- Reviewer; Emergency Medicine Journal, 2018
- Reviewer; PLOS One
- Reviewer; BMJ Open
- Reviewer; Journal of Evaluation in Clinical Practice
- Member; UCT & SU Emergency Medicine Department Research Committee, 2017 – ongoing
- Member; Emergency Medicine Society of South Africa, ongoing
- Vice-president, Emergency Care Society of South Africa, 2018 – ongoing
- GRADE working group member; 2018 – ongoing
- G-I-N member; 2018 – ongoing
- SA GRADE Network member; 2018 – ongoing

Nasreen Jessani

- Vice Chair; Evidence to Action Thematic Working Group, Health Systems Global, Nov 2016 – Present
- Advisory Board, Knowledge Translation and Dissemination Advisory Committee, AcademyHealth, Jun 2013 – present
- Advisory, Design and delivery, Evidence, decisions and debates in the 21st century: what is the role of Emerging Voices of Global Health? Emerging Voice for Global Health Program held at the Liverpool School of Tropical Medicine in partnership with IPH, India, Sep – Oct 2018
- Proposal Review committee - External Expert: Wellcome Trust Policy Engagement Awards, Dec 2018/Jan 2019
- Academic journal peer reviewer; BioMed Central
- Academic journal peer reviewer; Health Research Policy and Systems
- Academic journal peer reviewer; Health Policy and Planning
- Academic journal peer reviewer; Public Health Journal
- Academic journal peer reviewer; Evidence and Policy
- Member; Emerging Voice for Global Health
- Member; Health Systems Global
- Member; Delta Omega Alpha – National Honour society
- Member; AcademyHealth
- Member; International Development Evaluation Association, AIMEnet - HIV/AIDS Monitoring & Evaluation Network
- Member; Africa Evidence Network

Mweete Nglazi

- Member; Public Health Association of South Africa, 2015 – ongoing

Carl Lombard

- Associate Editor of the International Journal of Tuberculosis and Lung Disease
- Associate Editor of the South African Statistical Journal
- Member of the Review Panel for the Post Graduate Student Project Competition of the South African Statistical association
- External examiner for MSc thesis in Statistics for University of Stellenbosch
- External examiner for graduate and post graduate Biostatistics Course at the University of Kwazulu Natal
- External examiner for Post Graduate course in Multivariate Analysis for the University of the Western Cape
- Member of the MRC/DFID/NIHR/WT Joint Global Health Trials (JGHT) Committee
- Trial Steering Committee Member of the TB-CHAMP study: Tuberculosis Child Multidrug-Resistant Preventive Therapy Trial
- DMC Member of the Gates MRI-TBV01-201 Phase IIb trial evaluating BCG Revaccination of Healthy Adolescents for the prevention of Mycobacterium tuberculosis sustained infection
- Chairperson DSMB of the priMe multicenter, phase III, double-blind, randomized, active-controlled study to evaluate the efficacy of VPM1002 in comparison to BCG in prevention of Mycobacterium tuberculosis infection in newborn infants

Jeannine Uwimana Nicol

- Reviewer; National Institute for Health Research (NHS): NIHR Global Health Policy and Systems Research Awards, 2019
- Reviewer; BMJ Open, 2018 – ongoing
- Reviewer; The Pan African Medical Journal, 2018 – ongoing
- Reviewer; BMC – Health Services Research, 2012 – ongoing
- Reviewer; Journal of international AIDS society, 2011 – ongoing
- Member of the HIV/TB Working Group, The Union against TB and lung diseases, 2012 – ongoing
- Member of the STOP TB Partnership Network on Tuberculosis, 2011 – ongoing
- Member of the Health Systems Research Global (HSG), 2012 – ongoing
- Emerging voice for Global Health, Mentor; 2013 – ongoing
- Member of the Social Impact committee, Faculty of Medicine and Health Sciences. Stellenbosch University
- Member of the Public Health Association of South Africa (PHASA), 2009 – ongoing

Birhanu Ayele

- Human Research Ethics Committee member; Stellenbosch University, 2020-
- Faculty Postgraduate committee member; 2019 – ongoing
- Advisory Board, Ethiopian Statistical Association, 2017 – ongoing
- Elected member of the International Statistical Institute (ISI), 2015 – ongoing
- Master in Biostatistics programme, selection and bursary committee, 2018 – ongoing

- Fellow of the Ethiopian Public Health Association
- Peer Reviewer; Journal of Applied Statistics
- Peer Reviewer; Global Health Action
- Peer Reviewer; PLOSONE
- Peer Reviewer; Journal of Ethiopian Statistical Association
- Peer Reviewer; Journal of Health Behaviour and Public Health
- Peer Reviewer; Frontiers in Public Health, Digital Health
- Peer Reviewer; Journal of African Health Sciences

Marianne Visser

- Peer Reviewer;abstract submissions for 18th International Congress of Dietetics (ICDA), 15-19 September 2020,CapeTown
- Peer Reviewer; BMJ Open
- Peer Reviewer; Public Health Nutrition

Peter Suwirakwenda Nyasulu

- Associate Editor; BMC Infectious Diseases
- Peer reviewer; PloS One and Open Medicine
- Peer reviewer; Qualitative Health Research
- Peer reviewer; Global Health Action
- Peer reviewer; The Pan African Medical Journal
- Peer reviewer; Internal Journal of Tuberculosis and Lung Diseases
- Peer reviewer; BMC Public Health
- Reviewer; Journal of international AIDS society
- Peer reviewer; Transactions of The Royal Society of Tropical Medicine and Hygiene
- Member; Royal Society of South Africa
- Member; International Epidemiology Association
- Exective member; African Epidemiology Association
- Member; Public Health Association of Southern Africa
- Member; American College of Epidemiology
- Member; Board of the Faculty of Medicine & Health Sciences
- Member; Joint Postgraduate Committee, Department of Global Health
- Member; Health Ethics Research Committee, FMHS
- External expert member; Ethics Committee of Human Sciences Research Council;
- Expert member; Health Panel, National Research Foundation.
- Executive Member; Africa Centre for EHealth Excellence

TEACHING SESSIONS / LECTURES / WORKSHOPS

UNDERGRADUATE AND POSTGRADUATE PROGRAMS

Program	No. of Sessions
Undergraduate	35
Nursing (Honours programme)	12
MSc Clinical Epidemiology	70
Pre-doctoral Short Course Programme	3

Postgraduate

MSc in Clinical Epidemiology (SU)

Co-conveners of modules

- | | |
|--|---|
| 1. Fundamentals of Epidemiology | 7. Research Proposal Writing and Grantmanship |
| 2. Systematic Reviews and Meta-Analysis | 8. Teaching EBHC |
| 3. Writing and Reviewing Scientific papers | 9. Clinical Practice Guidelines |
| 4. Diagnosis and Screening | 10. Randomised Controlled Trials |
| 5. Biostatistics I | 11. Infectious Disease Epidemiology |
| 6. Biostatistics II | |

CONTINUING PROFESSIONAL DEVELOPMENT: PRESENTATIONS, SEMINARS & WORKSHOPS

Lectures and presentations

- T Esterhuizen. Online short course: Biostatistics for Health Researchers.
- T Esterhuizen: Data management: Principles and practise: Project Management Workshop.
- T Esterhuizen. Online short course: Clinical research skills.
- M McCaul. Introduction to Network-meta analysis. Cochrane Online Seminars.
- M McCaul. GRADE. UCT Masters in Public Health.

Seminars

- T Esterhuizen. Getting the help you need from a Biostatistician.
- T Esterhuizen. Data Management.

Workshops

- M McCaul. Pre-Doc Workshop, Evidence-based Health Care lecture, 12th Feb 2019.
- A Schoonees, M McCaul. Zambia EBHC Workshop, 2019.
- A Rohwer; M McCaul. Research integrity workshop, PHASA Conference, 2019.
- M McCaul, T Kredo. Guideline panel GDG EtD Simulation Workshop, Cochrane Indaba, 2019.
- A Rohwer; J Burns, G Chapotera, N Mbeye, D Tumusiime, S Ntawuyirushintege, C Bavuma, S Rulisa. CEBHA+ Evidence-based Public Health workshop, Kigali, Rwanda, 23-27 September 2019.
- S Van Schalkwyk, A Rohwer. Improving your Training skills: A workshop for Cochrane Trainers, 26th Cochrane Colloquium, Santiago, Chile, 21 October 2019 (pre-conference workshop).
- Rohwer A. Using Logic Models in Systematic Reviews. 9th International Conference for EBHC Teachers and Developers and 8th Conference of the International Society for EBHC, Taormina, Sicily, 6-9 November 2019 (pre-conference workshop).
- A Odendaal, A Hohlfeld, A Schoonees, H Moloi, L Langer; P Nduku, W Mapanga. An introduction to evidence-informed healthcare and evidence synthesis. ELMA-QI programme, Pretoria, 7-8 March 2019.

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The achievements of the CEBHC are made possible by the excellent team.



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