Cochrane South Africa Outputs
1 April 2018 – 31 March 2019

HIGHLIGHTS

Cochrane South Africa (SA) hosted the 3rd African Cochrane Indaba in Cape Town on 25-26 March 2019. The theme of the conference was ‘trusted evidence for better health decisions in Africa’. It was attended by 109 delegates from 17 countries of which 12 were African countries. The programme consisted of 4 plenaries, 51 poster presentations, seven workshops and one panel discussion. Feedback received thus far indicate that the conference was a success.

Cochrane SA staff published 54 published journal articles during the financial year.

Cochrane SA staff facilitated a number of capacity development initiatives. These included a workshop on Evidence-based health care and Cochrane at the National Health Institute (INS) in Maputo, Mozambique; lectures to medical students at Stellenbosch University and the University of Cape Town; nine systematic review methods webinars, each session attended by 40-100 participants from all over Africa; and three workshops on evidence-based health care and Cochrane for journalists, researchers and International Educational Exchange (CIEE) students.

Cochrane SA staff contributed in various fora to science and policy at international (through membership of communities such as the WHO International Clinical Trials Registry Platform Advisory Group; WHO Immunization and Vaccine-related Implementation Research Advisory Committee; WHO Strategic Advisory Group of Experts on Immunisation (SAGE); WHO SAGE Working Group on Ebola Vaccines and Vaccination) and national levels (e.g. National Essential Medicines List Committee; HIV Adult Advisory Committee of the Western Cape; National Advisory Group on Immunisation)

Twenty-six post graduate students received supervision from Cochrane SA staff. Two of these students who were supported by Cochrane SA received the International Society for Vaccines (ISV) Congress 2018 Low and Middle Income Countries Award in Atlanta, USA.

The Pan African Clinical Trials Registry (PACTR) www.pactr.org, a regional register of clinical trials conducted in Africa, which is hosted at Cochrane SA was redeveloped to provide a more user-friendly, easy to navigate website for researchers, policy-makers, funders and the public.

The South African Guidelines Excellence project (SAGE), a SAMRC Flagship Award funded project presented its final results at a public session in April 2018. The aim of this project was to consolidate methods and training for better clinical practice guidelines development, implementation and use in South Africa. For more information about the project and a copy of the final report go to http://www.samrc.ac.za/intramural-research-units/Cochrane-SAGE.

Two Cochrane SA staff members, Charles Wiysonge were awarded a B2 rating and Sara Cooper a C1 rating from the National Research Foundation effective January 2019.


BOOK CHAPTERS


PUBLICATIONS (TECHNICAL AND OTHER)

Reports


CONFERENCES

International Oral Presentation


3. Adetokunboh OQ, Uthman OA, Wiysonge CS. Morbidity benefit conferred by childhood immunisation in relation to maternal HIV status. 2018 International Society for Vaccines Annual Congress. Atlanta, United States. 28-30 October 2018


5. Ndwandwe D, Pienaar E, Mathebula L, Kredo T. Clinical trial registration: global, regional and national perspectives. Pan African Clinical Trial Alliance (PACTA) meeting, Midrand, Johannesburg. 19-20 March 2019


7. Wiysonge CS. Vaccine hesitancy in South Africa: why we need to adapt validated measures. Global Challenges in Vaccine Acceptance Science and Programs, Veyrier-du-Lac, France. 24-26 September 2018


Poster


5. Visser M, Kredo T, Durao S, Saldanha I. Assessing the completeness and comparability of outcomes in systematic reviews addressing food availability. 25th Cochrane Colloquium, Edinburgh, Scotland. 16-18 September 2018


Workshop Facilitator


Local Oral Presentation

1. Ndwandwe D, Mathebula L. South African Clinical Trials Registry. Novel Clinical Trial Methodologies Workshop, Lagoon Beach Hotel, Cape Town. 25 February 2019

2. Iwu CJ, Jaca A, Wiysonge CS. A systematic review of the effectiveness of e-health interventions in improving vaccine availability in primary health care facilities. Western Cape Provincial Department of Health Research Day, Stellenbosch University, Cape Town. 16 November 2018

3. Sicwebu N, Leon N, Cooper S, Bobrow K, Levitt N, Farmer A. Participant experiences and perceptions of a mHealth intervention for diabetes adherence in Cape Town. Western Cape Provincial Department of Health Research Day, Stellenbosch University, Cape Town. 16 November 2018


5. Ndwandwe D. Integrating clinical trial information for South Africa, South African Clinical Trials Registry (SANCTR), Pan African Clinical Trials Registry (PACTR) and National Health Research Observatory. South African Clinical Research Conference, Midrand, Johannesburg. 28 September 2018


7. Oduwole E, Mahomed H, Wiysonge CS. Adaptation and validation of the vaccine hesitancy scale in South Africa. Annual Academic Day, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town. 29 August 2018

8. Tamandjou C, Jacobs G, Wiysonge CS, Preiser W, Andersson M. Mother-to-child transmission of hepatitis B virus in Windhoek, Namibia: transmission dynamics and prevention. Annual Academic Day, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town. 29 August 2018

10. **Wiysonge CS.** *Immunisation implementation research at Cochrane South Africa.* ASSAf-UNAS Symposium on "Root Causes of Low Coverage and Under-Immunisation in sub-Saharan Africa", Johannesburg. 30 July 2018

11. **Wiysonge CS.** *Global vaccine policy framework.* The Biovac Institute, Pinelands. 18 July 2018

12. **Durao S.** *Cochrane South Africa's work.* The local health policy and systems research evidence synthesis landscape: meet, learn, and plan workshop, South African Medical Research Council, Cape Town. 15 June 2018

**Poster**

1. Nnaji CA, Shey MS, Adetokunboh OO, **Wiysonge CS.** *Effects of fractional dose yellow fever vaccination: a systematic review and meta-analysis.* University of Cape Town School of Public Health and Family Medicine Sixth Annual Research Day, Cape Town, South Africa. 20 September 2018.


**Workshops**

1. **Wiysonge CS.** Enhancing access to vaccines and sustaining immunisation programmes in Africa – the role of Gavi, The Vaccine Alliance. 14th Annual African Vaccinology Course. University of Cape Town, Cape Town. 12 November 2018.

2. **Wiysonge CS.** *Global policy recommendations on immunisation – the role of SAGE and RITAGs.* 14th Annual African Vaccinology Course. University of Cape Town, Cape Town. 12 November 2018

3. Thutloa A, **Kredo T.** *Science communication and knowledge translation master class.* Early Career Scientist Conference, South African Medical Research Council. 17 October 2018

4. **Kredo T.** *Presentation skills master class.* Early Career Scientist Conference, South African Medical Research Council. 17 October 2018

**TEACHING AND TRAINING**

**GRADUATED STUDENTS**

<table>
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<tr>
<th>No.</th>
<th>Student Name and Surname</th>
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<tr>
<td>1</td>
<td>Chukwudi Nnaji</td>
<td>Male</td>
<td>Non-South African</td>
<td>Masters</td>
<td>University of Cape Town</td>
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<tr>
<td>2</td>
<td>Arthemon Nguweneza</td>
<td>Male</td>
<td>Non-South African (Permanent resident)</td>
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**SUPERVISION OF STUDENTS**

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<tr>
<td>1</td>
<td>Lelia Abdullahi</td>
<td>Female</td>
<td>Non-South African (Permanent resident)</td>
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<td>University of Cape Town</td>
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<td>Charles Okwundu</td>
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<td>3</td>
<td>Cynthia Tchuem</td>
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<td>Meagan Jacobs</td>
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<td>Anelisa Jaca</td>
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<td>Tania Swartz</td>
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**Lectures**

1. Principles and practice of CPG implementation. Lecture to the Masters in Clinical Epidemiology (Clinical Practice Guidelines block), University of Stellenbosch, Tygerberg. 13 March 2019

2. Rationale, quality indicators and steps for Evidence based Clinical Practice Guidelines (CPGs). Lecture to the Masters in Clinical Epidemiology students (Clinical Practice Guidelines block), University of Stellenbosch, Tygerberg. 11 March 2019

3. Clinical practice guidelines. Lecture to the MPH students (EBM block), University of Cape Town, Cape Town. 2 October 2018

4. Qualitative data analysis. Lecture to MPH students (SBS Track), University of Cape Town. Cape Town. 26 September 2018

5. AMSTAR 2 tool. Lecture to MPH students (Evidence-based Healthcare module), University of Cape Town. Cape Town. 4 September 2018

6. Surveillance systems (Infectious Disease Epidemiology Module). Lecture to MClinEpi students at Stellenbosch University. Tygerberg. 20-24 August 2018

7. Assessing the risk of bias in included studies. Lecture to the MClinEpi students (SR module), Stellenbosch University. Tygerberg. 15 August 2018

8. How to critically appraise a paper. Lecture to MPH students (Evidence-based Healthcare module), University of Cape Town. Cape Town. 14 August 2018

9. Systematic reviews, what, why, how and when. Lecture to registrars at the Research Capacity Development Programme, Stellenbosch University. Tygerberg. 24 July 2018

10. Assessing the risk of bias in included studies. Lecture to MPH students (Evidence-based Healthcare module), University of Cape Town. Cape Town. 20 July 2018

11. Developing search methods for identifying relevant studies. Lecture to the MClinEpi students (SR module), Stellenbosch University. Tygerberg. 18 July 2018

12. Introduction to RevMan. Lecture to the MClinEpi students (SR module), Stellenbosch University. Tygerberg. 18 July 2018

13. Health in Context session: Searching the literature. Lecture to Stellenbosch University first year health sciences students. Tygerberg. 9, 16, 21 May 2018

14. Health in Context session: Introduction to evidence-informed practices. Lecture to Stellenbosch University first year Health Sciences students. Tygerberg. 23 April 2018

15. Health in Context session: Studies that summarizes other studies: systematic reviews, Health in Context module for Stellenbosch University 1st year undergraduate health sciences students. Tygerberg. 18 April 2018

**Webinars**

1. Developing a search strategy for systematic reviews. Cape Town. 29 March 2019

2. GRADE evidence to decision framework. Cape Town. 20 November 2018
3. Common errors in meta-analyses. Cape Town. 9 October 2018
4. Presenting results in complex reviews. South African Medical Research Council, Cape Town. 11 September 2018
5. Trial registration - what - why - who - how - where and when. South African Medical Research Council, Cape Town. 14 August 2018
6. Evidence mapping - why and how to do it. South African Medical Research Council, Cape Town. 10 July 2018
7. Using logic models to refine questions for systematic reviews. South African Medical Research Council, Cape Town. 12 June 2018
8. How to develop a protocol for systematic reviews. South African Medical Research Council, Cape Town. 22 May 2018
9. Identifying and refining questions for systematic reviews. South African Medical Research Council, Cape Town. 12 April 2018

Workshops
1. An introduction to evidence-informed healthcare decision making for clinical practitioners, public health specialists, policymakers and other decision-makers in health care. ELMA Project / National Department of Health workshop offered by the South African Global Evidence Synthesis Initiative Collaborating Centres. Saint George’s Hotel and Conference Centre, Doornkloof, Pretoria. 6-7 March 2019
3. Evidence-based health care and Cochrane. Workshop at the National Health Institute, Maputo, Mozambique. 24 October 2018
4. Evidence-based health care and Cochrane. Workshop for Africa Check, Johannesburg. 16 October 2018
5. Evidence-based health care, systematic reviews and Cochrane. Harare, Zimbabwe. 17-18 May 2018
6. Strategic framework for research on immunization in the African region. Brazzaville, Congo. 25-27 April 2018

INTELLECTUAL INPUT

International
Cooper S
3. Peer reviewer, Critical Public Health. September 2018
5. Peer reviewer, International Journal for Equity in Health. April 2018; June 2018
6. Member, Editorial Board of Critical Public Health. 2015 -

Davids E
1. Peer reviewer, Journal of Child and Adolescent Mental Health. [date]

Durao S
1. Peer reviewer, Systematic Reviews. February 2019
2. Peer reviewer, BMJ Global Health. May 2018; August 2018
5. Member, African Cochrane Indaba Organizing Committee. July 2018 – March 2019
6. Peer reviewer, Nutrition Reviews. June 2018
7. Co-Director, Cochrane Africa Network. May 2018 -
8. Contact editor, Cochrane Public Health Group. February 2018 -
9. Member, 25th Cochrane Colloquium Abstract Committee. January - September 2018
10. Co-Director, Cochrane Nutrition. May 2016 -

Galloway M
1. Member, African Cochrane Indaba Organizing Committee. July 2018 – March 2019

Hohlfeld A
1. Member, Knowledge Translation Working Group on Strategic Partnerships. October 2017 - January 2019

Jaca A
1. Member, African Cochrane Indaba Bursary Committee. November 2018 – March 2019

Kredo T
2. Peer reviewer, AIDS Research and Treatment. October 2018
3. Member, GRADE Working Group. July 2018 -
4. Peer reviewer, World Journal of Urology. April 2018
5. Peer reviewer, WHO Alliance for Health Policy and Systems. April 2018
6. Member, 25th Cochrane Colloquium Abstract Committee. February - September 2018
7. Co-Director, Cochrane Africa Network. August 2017 - ongoing
8. Member, Cochrane Knowledge Translation Working Group on Improving and Upscaling Existing Products. 2017 -
9. Member, Cochrane Nutrition Field Advisory Board and Management Committee. 2017 -
10. Member, Editorial Board of the Journal of Evidence-based Medicine. 2016 -
11. Editor, Cochrane Infectious Diseases Review Group. 2016 -
12. Member, G-I-N Afro Community Planning Committee. October 2014 -
13. Member, Anne Anderson Award Committee. 2012 - ongoing
14. Member, Cochrane Training Network. September 2011 - ongoing

**Mahasha P**
1. Member, African Cochrane Indaba Bursary Committee. November 2018 – March 2019
2. Honorary member, Golden Key International Honour Society. 2016 - ongoing

**Mathebula L**
1. Member, African Cochrane Indaba Bursary Committee. November 2018 – March 2019

**Modika L**
1. Member, African Cochrane Indaba Organizing Committee. July 2018 – March 2019

**Ndwandwe D**
1. Member, African Cochrane Indaba Abstracts Committee. November 2018 – March 2019

**Oliver J**
1. Member, African Cochrane Indaba Bursary Committee. November 2018 – March 2019
3. Member, 25th Cochrane Colloquium Consumer Stipend Committee. February - September 2018
5. Member, Cochrane Consumer Executive. October 2016 -

**Pienaar E**
5. Member, 25th Cochrane Colloquium Abstract Committee. February - September 2018
6. Member, Cochrane LMIC Stipend Committee. February 2018 -

**Sambala E**
1. Member, African Cochrane Indaba Bursary Committee. November 2018 – March 2019
Schmidt BM

1. Member, Cochrane Knowledge Translation Working Group on building KT infrastructure and internal capacity. March 2019 –


4. Peer reviewer, BMC Health Services Research. June, September & October 2018

Wiysonge CS

1. Peer reviewer, BMJ. September 2018

2. Peer reviewer, BMC Public Health. August 2018

3. Peer reviewer, Vaccine. August 2018

4. Member, ASSAF-UNAS Consensus Study Committee on Root Causes of Low Coverage and Under-immunisation in sub-Saharan Africa. August 2018 - July 2019

5. Member, WHO Immunization and Vaccine-related Implementation Research Advisory Committee. 2018 - 2020


7. Member, 25th Cochrane Colloquium Themes and Content Committee. January - September 2018

8. Editor, Human Vaccines & Immunotherapeutics. 2017 -

9. Editor, Cochrane Infectious Diseases Group. 2015 -

10. Member, African Task Force on Immunisation. WHO Africa. 2014 -

11. Member, African Advisory Committee on Health Research and Development. WHO Africa. 2014 -

12. Associate Editor, BMC Health Services Research. 2014 -

13. Member, Executive Committee, GREAT (Guideline-driven, Research priorities, Evidence synthesis, Application of evidence, and Transfer of knowledge) Network. 2014 -

14. Editor, Cochrane Column, International Journal of Epidemiology. 2014 -

15. Member, WHO SAGE Working Group on Ebola Vaccines and Vaccination. 2014 -

16. Member, WHO SAGE Working Group on Maternal and Neonatal Tetanus Elimination. 2014 -

17. Member, WHO Strategic Advisory Group of Experts on Immunisation (SAGE). 2014 - 2018

18. Member, Independent Review Committee, Global Alliance for Vaccines and Immunisation (Gavi). 2014 -

19. Member, Effective Health Care Research Consortium Executive Committee. 2011 - ongoing

Local

Cooper S

1. Peer reviewer, SAMRC Grants, Innovation and Product Development (GDIP) Unit. April 2018

Davids E

1. Co-Director, Adolescent Health Research Unit, University of Cape Town. April 2018

2. Member, South African Young Academy of Science. 2017 -
Hohlfeld A
1. Teaching assistant, Systematic review and meta-analysis module for the MClin Epi programme at Stellenbosch University. July & August 2018
2. Teaching assistant, Evidence-based healthcare module for the MPH programme, University of Cape Town. July 2018
4. Coordinator, Systematic review module for the Masters in Clinical Epidemiology, Stellenbosch University. January - December 2018

Kredo T
1. Chair, Selection Panel for Senior Scientist. June 2018
2. Co-convenor, Clinical Practice Guidelines module for the Masters in Clinical Epidemiology, Stellenbosch University. January - December 2018
3. Co-convenor, systematic review module for the Masters in Clinical Epidemiology, Stellenbosch University. January - December 2018
4. Member, National Essential Medicines List Committee. May 2017 - Apr 2020
5. Extraordinary Senior Lecturer in Clinical Pharmacology, Stellenbosch University. April 2015 - December 2021
6. Member, South African Medical Journal Editorial Sub-Committee for Guideline Review. April 2014 -
7. Member, HIV Adult Advisory Committee of the Western Cape. 2006 - ongoing

Mahasha P
1. Member, South African Council for Natural Scientific Professions. 2018 - ongoing

Wiysonge CS
1. Member, SAMRC Human Research Ethics Committee. May 2018 - December 2021
2. Chair, SAMRC Selection Committee, Postdoctoral Fellow. April 2018
3. Chair, SAMRC selection panel for senior scientist. April 2018

TRAINING COURSES/CONFERENCES ATTENDED
1. Davids E. Masters in Public Health, University of Cape Town. 2019 -. Cost: Nil


20. Mavundza E. Primer in systematic reviews & research synthesis (online course). Stellenbosch University, Cape Town. 1 October – 17 December. Cost: R 2000


25. Hohlfeld A. Grant Writing Fundamentals course at Stellenbosch University. Cape Town. 7 July 2018. Cost: R 1,200

26. Schmidt BM. Good Clinical Practice Refresher course by Clinical Research Education and Development. Cape Town. 3 July 2018. Cost: R 1,917


31. Wiysonge CS. Postgraduate Supervision in Health Sciences workshop at Stellenbosch University. Cape Town. 22-23 May 2018. Cost: Nil


33. Wiysonge CS. Science Advice workshop. Durban. 11 April 2018. Cost: Nil