



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
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AUBURN
Office of Special Projects
and Initiatives

2nd Annual One Health Symposium Monday, 20 November 2023 University of Pretoria, Pretoria, South Africa

Call for Presentation Abstracts

In conjunction with the Southern Africa Mathematical Sciences Association (SAMSA) Annual Conference and the Masamu Advanced Study Institute (MASI) and Workshops in Mathematical Sciences, an international research symposium will be held on Monday, November 20, 2023 at the University of Pretoria in South Africa.

Symposium Theme: “Mathematics Connecting to One Health”

The symposium will focus on the interconnection of human, animal, and environmental health. We will highlight the previous work done by the network and work on future collaborative research areas and knowledge transfer. By using mathematical and statistical tools and research teams from different disciplines and geographical areas, as well as utilizing policy makers and practitioners, we can inform policy and practices to improve the health of all.

Target Participants: Allied Health organizations, agencies, government, industry, nonprofits, and academia. Participation is limited to 80 individuals.

The symposium will provide an opportunity for researchers and practitioners to showcase their current research work through 15-minute presentations or poster presentation for participants to highlight their current research work and needs for future work. Researchers and practitioners are welcome to submit abstracts by August 1, 2023 and will be notified about the acceptance of the presentation by August 31, 2023. *Space is limited, so there will be no deadline extensions.*

The abstract, limited to 1 page, should include theme (see list below); title; co-authors, last and first name, organization (maximum 500 characters); an introduction, objectives, methods, results, and a conclusion.

Abstracts may be submitted as part of SAMSA 2023 Conference Registration at <https://www.up.ac.za/cf-samsa2023>.

Themes for Presentations and Posters:

1. Malaria/HIV modeling
2. Stigma modeling
3. Rapid Epidemic Detection Systems
4. COVID-19 modelling
5. Common diseases shared by animals and humans
6. Transmission modeling of zoonotic and environmentally induced diseases
7. Reverse zoonotic disease transmission
8. Monkeypox

Tentative Agenda:

- 08:30 Welcome (UP official)
- 08:45 Logistics and introductions
- 09:00 Presentations
- 12:00 Lunch (Keynote Speaker)
- 13:30 Poster session
- 14:45 Breakout sessions
- 17:00 Reception/Networking
- 18:30 Adjourn

Participation is limited to 80 individuals.

Registration can be completed through the SAMSA Annual Conference registration form.

Program website: <https://masamu.auburn.edu/>