



4th Annual One Health Symposium
Monday, 24 November 2025
Livingstone, Zambia

Symposium Announcement:

In conjunction with the Southern Africa Mathematical Sciences Association (SAMSAS) Annual Conference and the Masamu Advanced Study Institute (MASI) and Workshops in Mathematical Sciences, an international research symposium will be held on Monday, November 24, 2025 in Livingstone, Zambia

Symposium Theme: “Mathematics Connecting to One Health”

The symposium will focus on the interconnection of human, animal, climate change, 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.

The symposium will provide an opportunity for researchers and practitioners to showcase their current research work through 15-minute presentations or poster presentations for participants to highlight their current research work and needs for future work.

Online applications/abstract submissions can be completed at <https://masamu.auburn.edu>. Please submit by September 27, 2025.

Themes for Presentations and Posters:

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

Tentative Agenda:

- 08:30 Welcome (UNAM 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