

ACTIVITY REPORTING FORM
FOR CDC GRANTS PROGRAM
IMU Simons African Fellowship Program

(Deadline for completion: four (4) week after the end of the research visit)

Please note that at least four pictures of the supported activity should be included/ attached to this report. (by email). Please send this report as a pdf-file. After consideration by CDC, the intention is that this activity report and pictures will be made publicly available on the CDC website.

Name of grantee:	Prof Farai Nyabadza
Home institution and country of grantee:	Stellenbosch University and South Africa
Name of the host:	Rachel Mbogo
Name of the host institution and country:	Strathmore University and Kenya
Topic of the research activity:	Current research trends in Biomathematics
Dates spend at the center/host institution:	03-01-2017 to 28-01-2017

The progress report should a brief (one page) activity report:

1. Summary statement (1-2 sentences) of major outcome of your visit:
The research visit lead to a new collaborative project on Malaria, planning of the Strathmore 2017 conference.
2. Brief description of your research activities during your research visit:
The first week was dedicated to planning of the events of the visit and interaction with Masters students who are enrolled in the post graduate program.
The second week was full of research meetings with the MSc students as I was requested to take them through a series of research topics such as: research methods in mathematical epidemiology, choosing a research topic, writing a research paper, introduction to latex and publishing of research articles. Professor Luboobi, who is currently a visiting Professor in the institute was part of these discussions and series of seminars. See the picture below: From left Professor Luboobi, Ms Esther Mungai, Dr Rachel Mbogo, Ms Rose Matoke and Prof Nyabadza.



The third week involved an extensive search for a conference proceedings publisher for the SIM2017 conference in June 2017. It was also devoted to the organization of the workshop and conference, with a meeting being held on the 27th of January 2017.



3. Students and post-doctoral fellows advised:

Rose Matoke and Esther Mungai were the students that I mainly interacted with. I also had some informal interactions with Titus Orwa who is embarking on his doctoral studies.



4. Joint activities with your host:

Designing and brainstorming on research problems, with the hope of looking for a student in the near distant future for possible supervision. We also looked at the possibility of putting together joint research proposals.

5. Research in progress (as a result from the visit): A model on obesity was designed as a class of problems on non-communicable diseases that we proposed to look at.

6. Papers published or in preprint form as a result from the research visit: No paper was published.

7. Planned future activities as a result of your research visit: There is scope to have Dr Mbogo visit Stellenbosch University in the last half of 2017.

Date: 27 February 2017

Signature Grantee: _____

A handwritten signature in purple ink, appearing to be 'Abel', is written over a horizontal line.