



# AIMS

African Institute for  
Mathematical Sciences  
NEXT EINSTEIN INITIATIVE

The Secretariat  
District Gasabo, Secteur Kacyiru  
Cellule Kamatamu Rue KG590 ST  
Kigali, Rwanda

## We're transforming Africa through innovative scientific training, technical advances and breakthrough discoveries!

The African Institute for Mathematical Sciences (AIMS) is a pan-African network of centres of excellence for postgraduate training in mathematical sciences, research and public engagement in STEM. Its mission is to enable Africa's brightest students to flourish as independent thinkers, problem solvers and innovators capable of propelling Africa's future scientific, educational and economic self-sufficiency. The first AIMS centre opened in Cape Town, South Africa in 2003; since 2011, AIMS has opened additional centres in Senegal, Ghana, Cameroon and Rwanda.

Each AIMS Centre provides expertly tailored academic and non-academic programs, training around 50 African students each year and preparing them for leadership in the domains of academia, government and industry. The AIMS academic program relies on top international lecturers who teach in a 24-hour learning environment.

If you bring a collaborative spirit with a passion to effect change, consider this opportunity as the...

### Project Manager – MaModAfrica Project!

Despite widespread efforts to prevent and treat malaria, achieving sustained reductions in the disease burden remains challenging. The disease disproportionately affects children and pregnant women, decreases their quality of life, and impedes socio-economic development.

Integrated control measures including case management with artemisinin combination therapy, insecticide-treated bed nets, mosquito larval source elimination, and vaccine development efforts are beset with challenges including a lack of adequate surveillance data. Mathematical modeling provides opportunities to leverage existing data sources to extract insights useful for national and regional decision-making relevant to malaria control.

The African Institute for Mathematical Sciences (AIMS), in collaboration with national and international partners (see the list of institutions below), secured a **3-year** grant from the Bill and Melinda Gates Foundation. The grant will support malaria mathematical modeling capacity-building efforts in multiple sub-Saharan African countries. Through the grant, AIMS and her partners will increase the number of academically trained malaria modelers in sub-Saharan Africa, bridge the gap between academic modelling and operational needs, and create an open, collaborative, sustainable and transnational ecosystem of mathematical and geospatial modelers, translational scientists, and decision makers. To achieve these objectives, AIMS is recruiting a Project Manager to oversee the implementation of all grant program requirements.

#### Reporting to the Lead MaModAfrica Principal Investigator (Chief Scientific Officer, AIMS NEI) your main responsibilities will be to:

- Coordinate the planning of all project activities (including organization of events, meetings,

- and workshops) including the development of annual and quarterly work plans.
- Support the project budgeting process to ensure all project activities are adequately budgeted for.
  - Manage project budget in compliance with institutional policies and grant conditions.
  - Coordinate the review of project plans and budgets on a quarterly basis to identify and implement necessary adjustments.
  - Prepare timely technical donor and internal reports including monthly updates, quarterly reports on project progress, challenges experienced, lessons learned and best practices. This will also involve the development of other ad-hoc reports as and when required.
  - Develop and implement annual performance measurement framework for the project.
  - In collaboration with the AIMS programs delivery and reporting unit, develop and deploy tools to manage and monitor the project implementation in all phases of the project.
  - Provide quarterly updates of lessons learned and best practices to project team and stakeholders ensuring that project lessons are being used to promote improved project delivery.
  - Develop and maintain a project management dashboard to consolidate and display key performance indicators at a glance.
  - Facilitate generative and adaptive learning from the project implementation with both internal and external stakeholders.
  - Work collaboratively with the finance team to create financial reports (including variance analysis).
  - Contribute to the project team-building efforts, help team members identify problem-solving options and ensure the integration of all team members into relevant project decision-making processes.
  - In collaboration with AIMS operations department, coordinate all the project procurement and logistics functions.
  - Actively support the PI and the research department in fundraising and partnership development activities. Such activities may include writing sections of proposals, generating evidence for theories of change, and budgeting for new initiatives.
  - Organize and sometimes represent the project in MaModAfrica meetings.
  - Act as the liaison person between consortium institutions and members.
  - Perform other duties as may be assigned from time to time.

## **Do you have what we need?**

- Master's degree in economics, project management, epidemiology, mathematical sciences, business administration, or in a relevant field of study. 5+ years of relevant and progressive experience in project management, including at least 3 years of experience coordinating a large-scale research consortium project is desirable.
- Professional qualification in project management e.g. PgMP, PMP, or MSP.
- High level of comfort with results-based management practices.
- Experience and understanding the research environment in Sub-Saharan Africa, preferably has worked or collaborated with researchers in that region.
- International experience and strong understanding of Sub-Saharan Africa.
- Strong leadership and communication skills, ability to lead and coordinate processes across Sub-Saharan African and Northern Partners.
- Ability to make decisions and exercise good judgement providing solutions to challenges

experienced while implementing projects.

- Excellent inter-personal skills and cross-cultural experience, ability to cope with stressful situations.
- Strongly skilled at getting the best out of the team and project that is overseen.
- Languages: fluency in English, written and oral is required. Additional ability to read, write and interpret, technical and non-technical in French and Portuguese is desirable.

### Are you ready to be a part of the transformation?

[Click here \(https://forms.gle/1ULbYJ9hA1M2tGqm7\)](https://forms.gle/1ULbYJ9hA1M2tGqm7). Applications will be accepted until January 29, 2023.

Should no feedback be received from AIMS-NEI within four weeks of the deadline, kindly accept that your application will not be further pursued. AIMS-NEI reserves the right not to make an appointment at its sole discretion.

AIMS-NEI is an equal opportunity employer. Visit [www.nexteinstein.org](http://www.nexteinstein.org) to learn more about AIMS.

### MaModAfrica Consortium

S/N	NAME OF THE INSTITUTION
1	African Institute for Mathematical Sciences – Rwanda
2	African Institute for Mathematical Sciences – Senegal
3	Tropical Infectious Diseases Research Centre, Université d’Abomey-Calavi
4	Center for Impact, Innovation and Capacity building for Health Information Systems and Nutrition
5	Swiss Tropical and Public Health Institute
6	Swiss Center for Scientific Research
7	Univesité Nazi BONI
8	Rwanda Biomedical Centre
9	Clinton Health Access Initiative
10	Lancaster University
11	Telethon Kids Institute
12	Manhiça Health Research Centre
13	Malaria Consortium
14	Thies University and the University Cheikh Anta Diop of Dakar
15	Medicines for Malaria Venture
16	Curtin University
17	Mount Kenya University