

## **DELGEME CALL FOR MSC, PHD AND POST-DOCTORAL FELLOWSHIPS**

**The Developing Excellence in Leadership and Genetics Training for Malaria Elimination in sub-Saharan Africa (DELGEME) programme is launching its second calls for MSc, PhD, Post-Docs to start in 2018**

### **Background**

The Developing Excellence in Leadership and Genetics Training for Malaria Elimination in sub-Saharan Africa (DELGEME) is a new training programme part of the Developing Excellence in Leadership, Training and Science Africa (DELTAS Africa) of the Alliance for Accelerating Excellence in Science in Africa (AESAs) implemented with the support of the Wellcome Trust and the UK Department of International Development (DFID). The partner institutions are the University of Science Techniques and Technologies of Bamako Mali (USTTB), Medical Research Council (MRC) Unit in The Gambia, The United States Army Medical Research Directorate (USAMRD-K)/KEMRI Kenya, The Noguchi Memorial Institute for Medical Research (NMIMR)-Navrongo Health Research Centre, Ghana, The National Institute of Medical Research (NIMR) Tanzania, Université des Sciences de la Santé of Libreville, Gabon, Bernhard-Nocht Institute for Tropical Medicine (BNITM) Germany/Kumasi Centre for Collaborative Research (KCCR) Ghana, and the University of Oxford/Wellcome Trust Sanger Institute UK.

It is led by USTTB with MRC and USAMRD-K/KEMRI as the training hubs. In collaboration with MalariaGEN ([www.malariagen.net](http://www.malariagen.net)) and the Plasmodium Diversity Network Africa (PDNA, <http://www.cggh.org/collaborations/plasmodium-diversity-network-africa>), DELGEME aims to enrich the pool of African Scientists working in African institutions with relevant expertise to leverage big genetics and genomics data in the drive for malaria elimination in sub-Saharan Africa. DELGEME will be providing short-term and degree training (MSc, PhD, Post-doctoral) to at least 90 young African scientists. Fellowships will be hosted at an African institution with a curriculum in genetics, genomics, bioinformatics, biostatistics, data science and ethical issues in genetics/genomics. DELGEME fellows are expected to develop a research proposal that explore critical gaps in malaria genetics and molecular epidemiology to aid the malaria elimination agenda. Dedicated computational facilities will be available for fellows at the USTTB, the MRC, and USAMRD/KEMRI.

### **Objectives**

To develop advanced technical and analytical skills of African scientists in relevant areas of bioinformatics, next generation sequence analysis and population genetics, in collaboration with local and International partners for malaria control and elimination in sub-Saharan Africa.

The specific aims of this call are to invite applicants for MSc, PhD and Post-Doctoral training in the above fields.

### **Evaluation criteria**

- The candidate's qualifications and motivations;
- The research quality of the project (for PhDs and Post-docs);
- The relevance of the project chosen in relation to the objectives of the call for proposals (for PhDs and Post-Docs);
- The scientific quality of the academic host of the PhD or Post-doc project;

## **Who can apply?**

**Candidates with training/experience in Bioinformatics, Biochemistry, Computational, Mathematics and Physical sciences are eligible to apply.**

Only candidates who are nationals of PDNA member countries<sup>i</sup> are eligible to respond to this call. It is a prerequisite that applications and projects are prepared in collaboration with at least one PDNA member institution<sup>ii</sup>. Prospective candidate must enroll or be currently enrolled for MSc or PhD in an appropriate Graduate School within Africa. For PhDs and Post-Doctoral fellows, it must be clearly demonstrated in the application that the proposed project is affiliated with an active research environment at a University/Research Institution.

## **Financial framework**

The grant for each MSc fellowship will be up to £26,000 for two years or £13,000 for candidates who have already completed 1 year in a related curriculum towards a MSc. PhD fellowship will be up to £63,000 over 3 years and Post-doctoral fellowship will be up to £100,000 over 2 years. This amount includes student's stipend, research cost, and other training/research related costs. The final amount awarded will be determined at the time of award notification.

## **Application procedure:**

### Step 1

Candidates must provide the following supporting documentation as part of their application

1. A completed application form
2. A letter of support from the prospective host PDNA Supervisor
3. Two letters of recommendation from academic referees.
4. A certified copy of full academic transcript (s) and certificate (s)
5. A copy of ID/passport
6. The most current CV (maximum 2 pages).

### Step 2

The application must be submitted electronically to [delgemecalls@delgeme.org](mailto:delgemecalls@delgeme.org) and consists of the fully completed application and the above-listed documents.

## **The deadline for applications is:**

**Saturday November 18<sup>th</sup>, 2017 at 17:00GMT for MSc, PhD and Post-Doctoral fellowships.**

Applicants will receive an email to confirm receipt shortly after the application is received.

## Contacts

For further information, please contact the DELGEME office:

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<sup>i</sup>Plasmodium Diversity Network Africa, PDNA (<http://www.cggh.org/collaborations/plasmodium-diversity-network-africa>); (South Africa, Angola, Cameroon, Côte d'Ivoire, Cape Vert, Ethiopia, Gabon, Ghana, The Gambia, Kenya, Madagascar, Mali, Mozambique, RD Congo and Tanzania)

<sup>ii</sup> Abdoulaye Djimde ([adjimde@icermali.org](mailto:adjimde@icermali.org))/Malaria Research and Training Center – University of Science, Techniques and Technologies of Bamako, Mali; Milijaona Randrianarivejosia ([milijaon@pasteur.mg](mailto:milijaon@pasteur.mg))/Institut Pasteur de Madagascar; Antoinette Tshetu-Kitoto ([antotshe@yahoo.com](mailto:antotshe@yahoo.com)) & Dieudonne Mumba ([mumbadieudonne@yahoo.fr](mailto:mumbadieudonne@yahoo.fr))/ University of Kinshasa; Paulina Tindana ([ptindana@gmail.com](mailto:ptindana@gmail.com))&Lucas Amenga-Etego ([lucasmenga@gmail.com](mailto:lucasmenga@gmail.com))/ Navrongo Health Research Center (NHRC); Lemu Golassa ([Igolassa@gmail.com](mailto:Igolassa@gmail.com))/ Addis Ababa University, Ethiopia; Tobias Apinjoh ([apinjoh.tobiasa@ubuea.cm](mailto:apinjoh.tobiasa@ubuea.cm))/ University of Buea; Yavo William ([yavowilliam@yahoo.fr](mailto:yavowilliam@yahoo.fr))/ University FHB of Abidjan – National Institute of Public Health, Côte d'Ivoire; Alfredo Mayor ([alfredo.mayor@isglobal.org](mailto:alfredo.mayor@isglobal.org))/ Centro de Investigação em Saúde de Manhiça (CiSM) and Barcelona Institute for Global Health (ISGlobal); Jaishree Raman ([JaishreeR@nicd.ac.za](mailto:JaishreeR@nicd.ac.za)) / National Institute for Communicable Diseases (NICD); Joana Alves/ Instituto Nacional de Saúde Pública, Ministério da Saúde de Cabo Verde; Maria Do Rosario Bragança Sambo ([rosariosambo@hotmail.com](mailto:rosariosambo@hotmail.com)) / Faculty of Medicine of KatyavalaBwila University; Alfred Amambua-Ngwa ([angwa@mrc.gm](mailto:angwa@mrc.gm))/Medical Research Council Unit The Gambia; Anita Ghansah ([aghansah2013@gmail.com](mailto:aghansah2013@gmail.com))/Noguchi Memorial Institute for Medical Research; Oumou Maiga-Ascofare ([maiga@bni-hamburg.de](mailto:maiga@bni-hamburg.de)) /Benhard-Nocht Institute for Tropical Medicine (BNITM) – Kumasi Centre for Collaborative Research (KCCR); Deusedith Ishengoma ([deusishe@yahoo.com](mailto:deusishe@yahoo.com))/National Institute for Medical Research; Marielle Bouyou-Akotet ([mariellebouyou@yahoo.fr](mailto:mariellebouyou@yahoo.fr))/Université des Sciences de la Santé, Libreville; Maj Matthew Brown ([Matthew.Brown@usamru-k.org](mailto:Matthew.Brown@usamru-k.org)), Ben Andagalu ([ben.andagalu@usamru-k.org](mailto:ben.andagalu@usamru-k.org)) & Edwin Kamau ([edwin.kamau.mil@mail.mil](mailto:edwin.kamau.mil@mail.mil))/ United states Army Research Directorate-Kenya