VOLUNTEER OPPORTUNITY TO SUPPORT DEVELOPMENT OF A MASTER OF SCIENCE IN MEDICAL PHYSICS PROGRAM AT MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY, KENYA

Academics Without Borders (AWB) is a Canadian nonprofit organization. Its mission is to help developing countries improve their universities so that they can train their own experts and conduct research to assist in their countries’ development. AWB’s projects are involved in the full range of university activities from expanding and improving existing institutions and programs to helping create new ones. AWB fulfills its mission by sending volunteers on projects that originate in and are owned by developing world institutions. AWB volunteers are reimbursed for their expenses but are not paid a salary.

Project Reference: Development of an MSc in Medical Physics Program

Number of Volunteers: 1

Partner Organization: Meru University of Science and Technology

Meru University of Science and Technology is a public university near Meru, Kenya. Originally the Meru College of Technology, Meru University of Science and Technology was established as a full-fledged university in March 2013. The university has eight schools: Agriculture and Food Sciences, Business and Economics, Computing and Informatics, Education, Engineering and Architecture, Health Sciences, Nursing, and Pure and Applied Sciences.

Location: Nchiru, Kenya

Language: English

Job Description:

There is a severe shortage of professionals trained in the area of medical physics in Kenya. The role played by medical physicists in health care and research is not well established in the country and region. There are currently no university programs offering medical physics or medical engineering in Kenya.

Meru University of Science and Technology is planning to start an MSc in Medical Physics program to train professionals in this field. The university, however, lacks trained personnel in this area. Meru therefore requests the assistance of a volunteer to support the faculty of the Department of Physical Sciences to develop the curriculum for the new program. The volunteer
will be expected to lead faculty workshops necessary for the development of the curriculum. In addition, following its approval, the volunteer will assist by co-teaching components of the program during the first year.

**Requirements:**
PhD in Medical Physics or Biomedical Engineering. Applicants with extensive experience in curriculum development are especially encouraged to apply.

**Start Date and Duration:**
The volunteer is expected to make an initial two- to three-week working visit to Meru University of Science and Technology in the spring of 2020. Subsequent working visits will be dependent on the timing of the program receiving internal and external accreditation and the timing of the admission of the initial cohort of students. Throughout the course of the project, expected to last 12-18 months, the volunteer will engage remotely to provide necessary support.

**Benefits:**
All expenses - flights, accommodations, local transportation, travel and medical insurance, vaccinations and medications, and other incidentals - will be covered by the Meru University of Science and Technology and AWB.

**Applications:**
Please send to Corrie Young, cyoung@awb-usf.org:
- Your CV, including your contact information
- A statement of your motivation in seeking the position
- Dates of availability
- Two (2) letters of reference – please either include the letters of reference with your application package or have them sent separately to Corrie Young, Associate Executive Director - Projects & Network, cyoung@awb-usf.org, as soon as possible

**Deadline:** December 5, 2019