



## **CALL FOR APPLICATIONS FOR BIOMEDICAL ENGINEERING PhD FELLOWSHIPS (COHORT 2)**

The Biomedical Engineering Unit, Department of Physiology at Makerere University (Uganda) in conjunction with Case Western Reserve University (USA) received a grant from the U.S. NIH - Fogarty International Center to train Ugandans in **Biomedical Engineering (BME) (Award Number D43-TW012260)**. This program's main aim is to build capacity for medical technology innovation and develop human capacity interested in research in Biomedical Engineering.

The SIGHT program is soliciting for applications for Cohort 2, PhD scholarships tenable at Case Western Reserve University (CWRU), USA.

### **Eligibility**

1. Must be junior or mid-level researcher/scientist affiliated to Makerere University
2. Prior master's degree in Biomedical Engineering, or closely related field.
3. Able to articulate a clear research problem.
4. Project idea with a focused in any of the following: (1) cardiovascular disease; (2) blood disorders, and (3) chronic movement disorders.
5. Those interested in Medical Imaging, data analytics and Artificial Intelligence Research and commitment to develop a productive career in the area in Uganda will have an added advantage.
6. Demonstrate a basic understanding of Medical Imaging, data analytics and Artificial Intelligence in order to know that this is an appropriate next step for the applicant.
7. Willingness to undertake and complete all training as mandated by the BME program at CWRU
8. Commitment to publish research conducted under this training in open access peer reviewed journals.

### **Selection Criteria:**

1. Demonstrated interest in doctoral research training and conducting research.
2. Demonstrated interest Medical Devices and Technology Research and Innovation
3. Project idea with a focused in any of the following: (1) cardiovascular disease; (2) blood disorders, and chronic movement disorders.
4. Technology focus of Biomedical Imaging, data analytics and artificial intelligence.
5. Having a plan for career development and how it fits into Uganda's BME Research needs.
6. Female candidates are especially encouraged to apply

### **Application Procedure:**

**Applications must be emailed as a single PDF document to the [sightproject2022@gmail.com](mailto:sightproject2022@gmail.com) and a copy to [birungijoanah@gmail.com](mailto:birungijoanah@gmail.com) and indicate in the subject "PhD Scholarship Application 2023". And should consist of a cover letter (1 page), A Resume (not more than 3 pages), personal statement (1 page), Transcripts and certificates (BSc and MSc), PhD Research concept (maximum 2 pages) and two letters of recommendation (sent separately by the referees) to [birungijoanah@gmail.com](mailto:birungijoanah@gmail.com),**



The personal statement should include your contribution to the academic and research arena, your aspirations for career progression in the next 5-7 years, interests and any information you consider relevant.

<b>Time lines:</b>	<b>Application Deadline:</b>	<b>January 15<sup>th</sup>, 2023</b>
	<b>Interviews:</b>	<b>January 23<sup>th</sup> 2023</b>
	<b>Notification date:</b>	<b>January 27 2023</b>