



**The Regional Centre of Excellence in Biomedical Engineering
and E-Health**

(CEBE)

CEBE Masters, PhD and Post doc scholarships

2018 terms and conditions

Kigali, June 2018

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1. INTRODUCTION

The Regional Centre of Excellence in Biomedical Engineering and e-Health (CEBE) is conceived as an institution that will provide the administrative leadership, intellectual capacity, and the resource infrastructure required to accelerate the delivery of cost-effective, technology-supported healthcare services in Rwanda and the surrounding region. The CEBE will operate in an innovation, consultancy, and service ecosystem to achieve high-impact results in support of several key health sector initiatives including medical equipment and devices, rehabilitation and mobility, and e-health services.

Design and conceptual development of the CEBE officially began in July 2015, following the official loan effectiveness declaration from the African Development Bank. The Vision of the Centre is *“To build a critical mass of a qualified and transferable workforce to sustainably boost the Biomedical sector with competent technical support skills, innovation and R&D capabilities, while putting in place a conducive environment for the development of a vibrant and dynamic service industry.”*

This document describes the detailed process of scholarships for **Masters, Mphil, PhD and Post doc** training program for prospective students in biomedical engineering, rehabilitation sciences and e-health as planned in the CEBE.

2. CEBE MASTER, MPHIL, PHD AND POST DOC SCHOLARSHIPS

CEBE Scholarships are for candidates from Rwanda in the area of Biomedical engineering, rehabilitation and e-health for full-time or part time (sandwich) postgraduate study at a University with partnership with CEBE – UR or any other recognised University. Funded under the African Development Bank (ADB), CEBE will enable talented and motivated individuals to gain the knowledge and skills required for sustainable development, and are aimed at those who have innovating ideas and projects aligned with the CEBE objectives and targets.

2.1 Purpose

To enhance individuals with knowledge and skills leading to increased institutional capacity of Biomedical Engineering, Rehabilitation, and e-health. The trained people will contribute to Rwanda higher education and research by attracting high-calibre research capacity and development in the mentioned areas through links and collaborations.

2.2 Intended beneficiaries

High-quality undergraduate/graduates from biomedical, rehabilitation and e-health field who have the potential to become influential leaders in their field, teachers, or researchers whose proposed research topic has been described to the satisfaction of the selection committee as having alignment to CEBE focus.

2.3 Themes:

CEBE Masters, Mphil, PhD and Post Doc Scholarships are offered under the following themes:

E-health

- Mobile application development based on real issues
- ICT System needs assessment
- Clinical decision support systems
- Telemedicine applications
- E-learning applications
- ICT systems evaluations
- Link research with ICT empowered industry across the world

Biomedical and Engineering

- *Bio-electronics and instrumentation*
- *Medical physics/ radio-physics*
- *Clinical Engineering*
- *Biomechanics and Biomaterials*

Rehabilitation and Mobility Sciences

- Musculoskeletal rehabilitation
- Gait training analysis
- Amputee rehabilitation
- Neurological rehabilitation
- Spinal rehabilitation
- Functional and Occupational Rehabilitation

3. ELIGIBILITY

To apply for these scholarships, you must:

- Be a citizen of Rwanda
- Be affiliated to an institution working in areas of Biomedical engineering, Rehabilitation or e-health
- Be available to start your academic studies in academic year in September/ October 2018
- Hold a first degree of at least upper second class honours standard, or a second class degree and a relevant postgraduate qualification (usually a Master's degree)
- Ready to be registered for a masters, an MPhil or PhD, at any University before September/October 2018

4. HOW TO APPLY

You should apply to study at any University that is highly recognised in the specific field of your focus which is linked to the aims of the CEBE.

All applications must be made through the CEBE, in soft copy and should be sent to Dr Celestine Twizere, Director of CEBE, (email: celestintwizere@gmail.com) with Cc. to Dr. David Tumusiime Deputy-Director of the Centre of Excellence in Biomedical Engineering and ehealth (email: dktumusiime@gmail.com). You must provide the following supporting documentation, which must be received by the CEBE not later than 29th June, 2018 in order for your application to be eligible for consideration:

1. Application letter addressed to the Director of the Centre for Postgraduate University of Rwanda.
2. Motivation letter detailing commitment, statement of goals, objectives and reasons for interest in the Masters, PhD or Postdoctoral fellowship.
3. Research proposal that provides a brief summary of the background, research questions, objectives, methodology and the research plan developed on a chosen topic in the area of Biomedical engineering, Rehabilitation and eHealth.
4. Curriculum Vitae
5. Copy of Bachelor's degree, Master's degree or PhD's depending on your application level
6. Copy of academic transcripts

7. Copy of National Identity Card or passport
8. Recommendation letters from at least two individuals in the domain your applying to;

5. SELECTION PROCESS

The selection team will apply strict rules to approve for scholarships. The applicants will not be guaranteed to be awarded a scholarship. Applications will be considered according to the following selection criteria:

- Academic merit of the candidate
- Quality of the research proposal
- Relevance of the research and academic work on the vision of CEBE
- Experience of the applicant in the domain he/she is applying for

6. TENURE AND PLACEMENT

Awards are tenable at any approved University or higher education institution with which the CEBE is likely to make partnership agreement for a specific programme of research. Awards are to obtain one degree; funding will not be extended to enable candidates to complete a qualification in addition to or higher than that for which the selection was made. Awards are made in respect of full-time or part time study and no other course of study may be undertaken at the same time. You must make clear in your application which qualification you are applying for. This will enable the CEBE to consider your application in the correct category.

Applications, which do not make this clear, may be considered ineligible. You are advised to list three universities and supervisors that you think are the most appropriate for your study, in order of preference, and to explain your reasons. You may propose to study at one university for a one to two years Masters or MPhil, three to four-year PhD, and two post doc but this must be based in a recognised Doctoral Training Centre. You must research this option thoroughly and the admission letter must indicate the period of study you are applying for.

The CEBE will make the final decision on institution of study, and reserves the right to overrule any preferences indicated by the candidate. The CEBE will consider the suitability of the course and its value for money when deciding on any overrule. You must take the necessary steps to secure admission to your preferred universities in advance of your scholarship application. Many courses have strict admission deadlines. You should check admission requirements carefully when applying. If you are applying for PhD study, you must provide a supporting statement from a named supervisor to which you are applying. Applications without any statements will be considered ineligible.

7. VALUE OF SCHOLARSHIP

Each scholarship provides:

- Travel costs from Rwanda to the study institution and return at the end of your award for full time students or multiple travel to and from study institutions as approved by CEBE.
- Approved tuition fees as stipulated in the admission form of your study institution.
- Stipend (living allowance) at the rate determined by the mode of study (full time or sandwich) and country of study [Taking an example of fees paid by Scholarships in UK in 2017, Masters was \$1416 and PhD at \$1736]
- Establishment allowances given once
- Two conferences per year for a period of study for students undertaking Mphil, PhD or Post doc fellows.
- Research fees as approved by the CEBE for research conducted in Rwanda

8. GENERAL CONDITIONS

- Each Scholarship covers tuition fees, approved fares, research costs and personal maintenance. Other scholarships, awards, or bursaries that cover the same costs may not be held concurrently.
- In order for the CEBE to administer your application effectively and efficiently after you have submitted, it will be necessary to create a record at your centre. If you are nominated for an award, your details will be kept on file.
- If your application is successful, the CEBE will notify you that you have been provisionally selected (final award is subject to the CEBE agreeing your terms of admission to the university you have applied for. CEBE may advise another institution)
- The CEBE does not require any candidates to take an English test. You should note, however, that, as a further condition of award, you might be required by your university to provide evidence of a particular level of English language proficiency.
- The CEBE will not be able to offer you a scholarship if it would contravene the terms and conditions of another scholarship that you have previously held.