

**UNIVERSITY OF CALGARY – MBARARA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**(SIMULATION FOR LIFE PROGRAM)**  
**Canadian Queen Elizabeth II Diamond Jubilee Scholarship (QES)**  
**Young Leaders in International Development**

<b>POSITION DESCRIPTION</b>	
<b>Title of Placement:</b>	<b>Evaluation and Research Intern (SIM for Life Project)</b>
<b>Location:</b>	Mbarara University of Science and Technology (MUST) Simulation Center, Mbarara, Uganda
<b>Department:</b>	Office of the Director
<b>Duration:</b>	3 months minimum (90 days)
<b>Expected Start Date:</b>	May 2023 (Spring/Summer). Position may open again for Fall 2023.
<b>Project Description:</b>	<p>This internship opportunity is part of the Canadian Queen Elizabeth II Diamond Jubilee Scholarship (QES) program, funded in part by the Community Foundations of Canada. It will be carried out in partnership with the University of Calgary and the Mbarara University of Science and Technology (MUST) Simulation for LIFE project. The QES program engages a dynamic community of young global leaders to create lasting impact at home and abroad through cross-cultural exchanges encompassing international education, discovery and inquiry, and professional experiences.</p> <p>QES Interns will work with the team, under the supervision of simulation center leadership and partners at MUST. MUST, University of Calgary (UCalgary) and other partners collaborated to implement simulation-based educational modalities with the aim of improving maternal, newborn and child (MNCH) outcomes in Uganda. The Simulation Center was officially opened in 2016. Currently, SIM FOR LIFE Program is running five research objectives. These are;</p> <ol style="list-style-type: none"> <li>1. Deepen the medical simulation teaching at Mbarara University of Science and Technology with an aim to increase medical student grade point average, the number of postgraduate departments and residents in key specialties involved in simulation.</li> <li>2. Scale up the introduction of simulation into four new health professional training institutions in East Africa and study the factors that influence simulation adoption at these sites that are new to simulation methodologies.</li> <li>3. To assess the impact of simulation on gender and equity dynamics among inter-professional teams using advocacy inquiry and the ladder of inference as a conversational strategy.</li> <li>4. Improve and test ventilation knowledge and skills retention among medical, nursing and midwifery students at MUST using a novel tool, the Augmented Infant Resuscitator (AIR) device, as an instant-feedback tool / "electronic coach."</li> <li>5. Improve and test knowledge, skills retention and decision-making by frontline health workers, with new tools: simulation-enhanced peer learning, AIR device, and Protecting Infants Remotely by SMS (PRISMS) – a smartphone application -- for newborn care clinical decisions and measurement.</li> </ol> <p>The Intern is expected to commit at least 7 hours a day, five days a week (or 35 hours a week), to work with the Office of the Principle Investigator or coordinator on tasks described below.</p>

<b>Responsibilities:</b>	<p>Duties may include but are not limited to:</p> <ul style="list-style-type: none"> <li>• Support for field data collection processes such as a midline evaluation—planning, data collection documentation, data management and analysis support.</li> <li>• Update and clean data from research projects in the EPI info database.</li> <li>• Support production of academic products, including manuscripts (especially literature review, reference management) and presentations (poster development and oral presentations using ppt, canva, pictogram, icam).</li> <li>• Participate in grant writing if opportunities arise during the internship period.</li> <li>• Support the development of graphics, charts, posters for academic use and publication on website and social media platforms.</li> <li>• Conference/symposium preparation tasks if this arises during the internship.</li> <li>• Participate in writing and reviewing simulation center documents, simulation scenarios, checklists and rating of simulation sessions if the opportunity arises</li> </ul>
<b>Eligibility:</b>	<ul style="list-style-type: none"> <li>• Must be a senior-level student entering or enrolled in their 3<sup>rd</sup> or 4<sup>th</sup> year of undergraduate studies in health sciences, development studies, anthropology, sociology, or other related programs or be enrolled in a graduate program in a related field at the time of application.</li> <li>• Must be a Canadian citizen or permanent resident.</li> <li>• 35 years of age or under at the time of application.</li> <li>• The working language is English.</li> <li>• Research experience: qualitative and/or quantitative.</li> <li>• Data management: good working knowledge of MS Excel and prior database management skills if possible; use of N-Vivo an asset.</li> <li>• Literature review and referencing (such as using Endnote reference manager software); past preparation of abstracts (poster/oral) an asset.</li> <li>• Understanding research processes, including questionnaire and project proposal development; prior use of Qualtrix/basic quantitative analysis an asset.</li> <li>• Understanding the knowledge dissemination process – graphic design or past presentation experience is an asset.</li> <li>• As part of the QES Program, the Intern must participate in community engagement activities on campus or in local communities abroad and in Canada.</li> <li>• This QES placement must be for academic credit. Interns should register in at least one course offered in the semester the internship is taking place (e.g., online course, independent study, self-directed study/research, co-op program, placement, graduate research). Interns can work with the Office of Study Abroad and/or their academic mentor to explore options.</li> <li>• Must be mature and independent.</li> <li>• Must be flexible and willing to adapt according to the program's needs and cultural setting with empathy and consideration.</li> </ul>
<b>Expected Program Outcome:</b>	<ul style="list-style-type: none"> <li>• Enhanced networking between Canadians and fellow citizens in Uganda</li> <li>• Experiential learning focused on professional career development (e.g. global health)</li> <li>• Enhanced skills and intercultural competencies through interaction with the diverse community of learners.</li> </ul>
<b>Financial Assistance:</b>	A maximum of \$6,000 to cover travel (airfare, insurance, immunizations) and living expenses will be provided to the selected Intern for the 90-day placement.
<b>Application information:</b>	Study Abroad Office, University of Calgary International <a href="https://www.ucalgary.ca/international/study-abroad/qes-east-africa">https://www.ucalgary.ca/international/study-abroad/qes-east-africa</a>
<b>Application deadline:</b>	<b>January 10, 2023</b>