
Queen's Department of Anesthesiology, University of Rwanda, the Canadian Anesthesiologists' Society International Education Foundation and the Royal College of Physicians and Surgeons of Canada

Knowledge Translation Fellowship Program

Partnership

The University of Rwanda has partnered with the Queen's University Department of Anesthesiology and Perioperative Medicine, the Canadian Anesthesiologists' Society International Education Foundation (CASIEF), and the Royal College of Physicians and Surgeons of Canada to develop a Knowledge Translation Fellowship program.

Program Aims

Through this program, fellows will:

- learn the essential methods and skills of knowledge translation
- evaluate clinical practices in the context of their healthcare system and conduct their own research
- develop, implement, and evaluate effective perioperative/pain management strategies by responding to local needs and barriers
- work closely with and contribute towards the Anesthesia Department and University of Rwanda
- connect with an interdisciplinary learning network, including other physicians, nurses, healthcare professionals, and policy-makers
- contribute to the program to further knowledge and experience gained during fellowship in three stages: a) one year data collection, b) project presentation and implementation, and c) development of future directions

Program Description

- Two fellows are accepted per year.
 - Each fellow is mentored by one Rwandan and one Canadian supervisor.
 - 3 months are spent learning the foundations of knowledge translation and quality improvement research methods and collaborating with supervisors to outline a knowledge translation project proposal in Canada and Rwanda. 9 months are spent completing a knowledge translation project in Rwanda (part time).
 - In keeping with the priorities of the Rwandan government, the knowledge translation projects will aim to improve either pediatric anesthesia, obstetric anesthesia, cardiothoracic anesthesia, pain management, or critical care in Rwanda.
 - Fellows will complete evaluation forms throughout the fellowship.
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Application

Applications are now open for any anesthesiology faculty currently practicing in Rwanda. Fellows are required to commit one year to the program and plan to continue to work in Rwanda to apply their skills and help train incoming fellows. Applications are due **June 30, 2022**. While in Canada, the costs of transportation, accommodation, and a daily stipend will be covered by the program.

Applications must include the following items:

1. Curriculum Vitae - outlining education, work experience, extracurricular activities, volunteer experience, research, and scholarship activities
2. Copy of Medical Degree and Practice License
3. Applicant's mailing address
4. Copy of educational transcripts from residency
5. Two names of referees to be contacted by the Selection Committee (applicants must contact referees before submitting their names)
6. Letter of support from the Program Director of the Anesthesiology Program at the University of Rwanda
7. Copy of Specialist Certification in Anesthesiology
8. Letter of intent - outlining interest in the program, which field within Anesthesiology and Perioperative Medicine the applicant is interested in pursuing a project in, career goals (including sub-specialty training), and any relevant research or teaching experience

Please submit your completed application to Milena Bullen at
12mb98@queensu.ca.

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Criteria for Selection

The ideal candidate will,

1. Have an interest in subspecialty training in line with the Rwandan government's priorities, including pediatric anesthesia, obstetric anesthesia, cardiothoracic anesthesia, local and regional anesthesia/pain management, or critical care
2. Have at least 2 years of anesthesiology practice in Rwanda
3. Be committed to developing local health infrastructure in Rwanda
4. Have a strong track record of research in the area of subspecialty training
5. Commit to teaching and mentoring residents and junior faculty members
6. Have a strong letter of intent
7. Have two strong references
8. Have a strong letter of support from the Program Director of the Anesthesia Department

Selection Committee

The primary admissions committee consists of Dr. Paulin Banguti, Dr. Gaston Nyirigira, and Dr. Francoise Nizeyimana, who will select 4 candidates. The secondary admissions committee consists of Dr. Joel Parlow, Dr. Gregory Klar, Dr. Melanie Jaeger, Dr. Dylan Bould, Dr. Jon Bailey, and Dr. Ana Johnson, who, in conjunction with the Rwandan partners, will select the two successful candidates.

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Candidate Scoring Sheet

| Category | Low (1 point) | Medium (2 points) | High (3 points) |
|---|---|---|--|
| Subspecialty training | No Subspecialty training interest outlined | Interested in subspecialty training outside of the Rwandan government's priority list | Interested in subspecialty training in line with the Rwandan government's priorities +/- Demonstrated interest through training or practice |
| Clinical work experience in anesthesiology | 0 years | Less than 2 years | 2 or more years |
| Commitment to developing local health infrastructure in Rwanda | No interest in local health infrastructure development outlined | Interested in local health infrastructure development | Involved in local health infrastructure development |
| Research experience (publications, conference attendance, presentations) | No research experience | Minimal research experience | Robust research experience +/- specific research training |
| Commitment to teaching and mentorship | No experience teaching or mentoring | Minimal experience teaching or mentoring | Strong involvement in teaching and mentoring |
| Letter of intent | Weak | Average | Strong |
| References | Weak | Average | Strong |
| Letter of support | Weak | Average | Strong |