

BROWN EMERGENCY MEDICINE RWANDA RESEARCH & DEVELOPMENT FELLOWSHIP

KIGALI, RWANDA 2024-2025



Background

Since 2012, Brown University's Division of Global Emergency Medicine (GEM) has supported the development of Rwanda's first emergency medicine specialty training programs in collaboration with the University of Rwanda and the Ministry of Health. The emergency medicine training program is based at the University Teaching Hospital of Kigali (UTH-K), and has graduated the first four classes of Emergency Medicine specialist physicians since 2018.

In addition to the development of clinical emergency care training programs in Rwanda, the Brown GEM division has a long history of collaboration with the University of Rwanda, UTH-K, and Rwanda Emergency Care Association (RECA) on the development of emergency care research capacity in Rwanda. Prior and current research projects include evaluating trauma and anemia in emergency department patients, assessing the epidemiology of patients receiving prehospital care, evaluating the safety of peripheral vasopressors, and evaluating wearable devices and mobile technology for sepsis monitoring.

Now in the eighth year of the fellowship program, we seek a motivated, adaptable individual with prior teaching and research experience, exceptional initiative and interpersonal skills, and with an interest in global health, education and social justice, to help support the UTH-K emergency medicine residents' research education, and to continue to build emergency care research capacity in Rwanda. Fellows develop a wealth of practical experience working on real-world EM research projects, gain in-depth knowledge of the Rwandan healthcare system, and receive mentorship from UTH-K and Brown faculty.

**2024-2025
FELLOWSHIP
APPLICATION
DEADLINE:**

Please submit applications by
January 31, 2024.

CONTACT:

For questions about the
fellowship please contact Dr.
Kyle Denison Martin at
kyle_martin@brown.edu



Responsibilities

1. Live in Kigali, Rwanda for 10-12 months (note this is an unpaid fellowship, however travel costs, visa, living expenses, and health insurance will be covered)
2. Coordinate and contribute to research projects led by Rwandan and international emergency medicine residents and faculty
3. Deliver basic research and computer skills seminars to UTH-K resident physicians, including basics of how to use programs such as Microsoft Excel, PowerPoint, statistical programs (e.g., EpiInfo, STATA, R)
4. Assist researchers in study design and utilizing expert consultation at partnering institutions as needed

Qualifications

Degree: Bachelor's degree with at least one year of medical school or public health training.

Language: Applicant must be proficient in written and spoken English. Some French, Swahili or Kinyarwanda is helpful but not necessary.

Skills:

Teaching: Successful applicants should have prior teaching experience and a strong motivation for encouraging others' interest in research. Prior experience teaching research skills (such as basic research design and methodology, statistical analysis) are highly recommended

Research: Successful applicants will have background in quantitative research methodology such as prior coursework in statistical methods and/or practical research experience. Working knowledge of at least one major statistical program (STATA, SPSS, R, Epi Info) is highly recommended. Experience with formal literature and systematic review and manuscript writing for scientific publications are desirable.

Computer: Successful applicants should have excellent general computer skills and be able to use and teach basic functions of common applications as well as the ability to troubleshoot problems. Specific technical skills and coding experience is not expected.

Interpersonal and Communication: Applicants must demonstrate excellent communication and interpersonal skills, strong writing ability, cultural competency, humility, patience, and persistence.

To apply: Please submit the following application materials by **January 31, 2024**.

- Completed application. Application link: <https://forms.gle/N1hMyp2GfjrmX7g4A>
- Cover letter detailing your motivation for seeking the position and relevant experience
- CV/Resume
- 2 letters of support (including one from a research or global health supervisor).

Link to submit letters of recommendation: <https://forms.gle/R4uRW1uT9hxrfL6p9>

The position will begin in Summer of 2024 and end in Summer 2025 (exact dates are flexible). Potentially qualified applicants will be contacted by email to schedule an interview. A Rwandan visa will be required and will be supported by the fellowship. Only one fellowship position is available per year. This fellowship is open to all applicants from Brown University and external institutions (including international applicants) who are currently enrolled in a medical or graduate degree program or are within one year of graduation.

For questions about the fellowship please contact Dr. Kyle Denison Martin at kyle_martin@brown.edu

For more information visit: <https://www.brown.edu/academics/medical/about/departments/emergency-medicine/divisions/global/students>