



Resuscitation & Reanimation





Akshay Rajaram, MD MMI
Program Director



The Queen's University Department of Emergency Medicine Fellowship in Resuscitation and Reanimation is the first training program in North America to offer fellowship training to physicians who want to focus on resuscitation medicine.



Adam Szulewski, MD MHPE PhD
Assistant Program Director

Established in 2008, the program provides unparalleled clinical, education, and simulation experiences to advance trainees understanding of resuscitation medicine and crisis resource management. Graduates of the fellowship program lead the advancement of resuscitation medicine across the world.



Resuscitation medicine is a subspecialty cutting across several disciplines including emergency medicine, trauma, anesthesia, and critical care. It extends beyond cardiac arrest to include early life saving treatments and crisis resource management for patients experiencing shock, trauma, respiratory failure, altered level of consciousness and other acute and critical conditions.

Kingston Resuscitation Institute (KRI) was created to advance the science of resuscitation medicine by developing new technologies, supporting research, and enhancing the skills of those working within the specialty through education and simulation-based training.

Our Graduates

55+

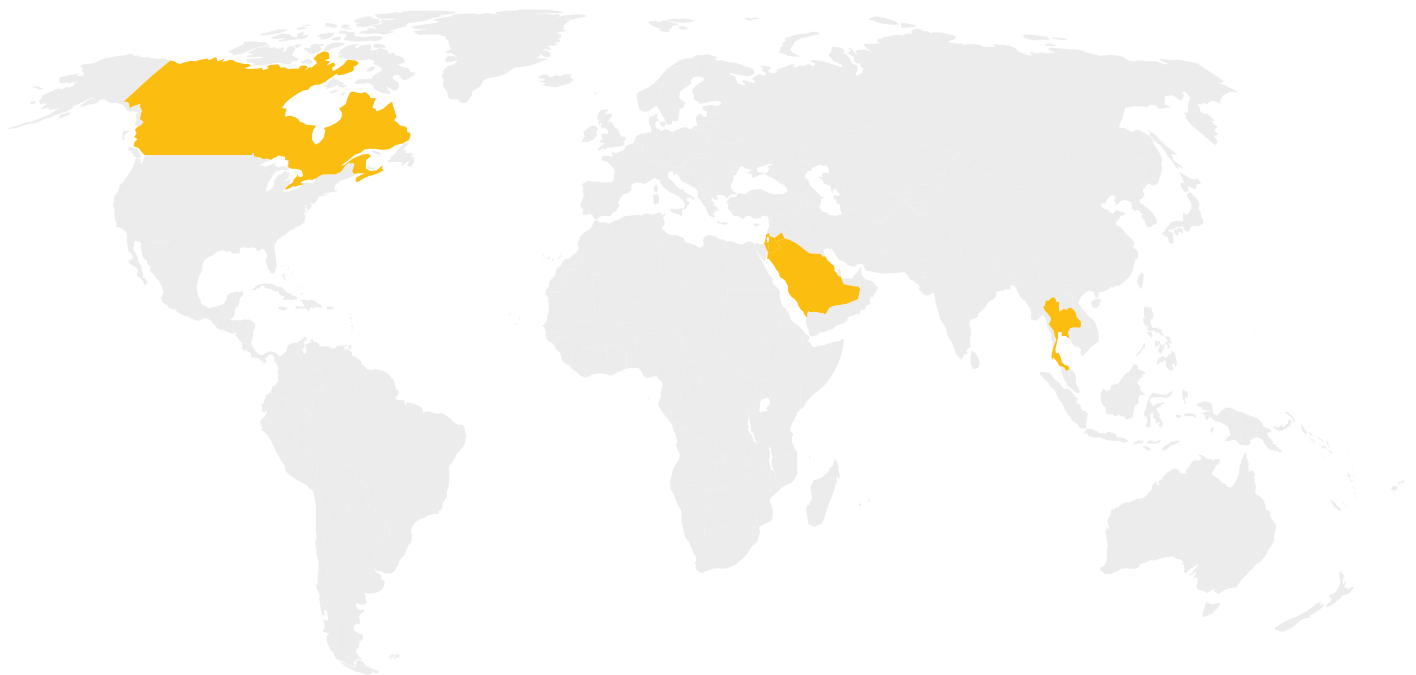
Physicians
trained

5

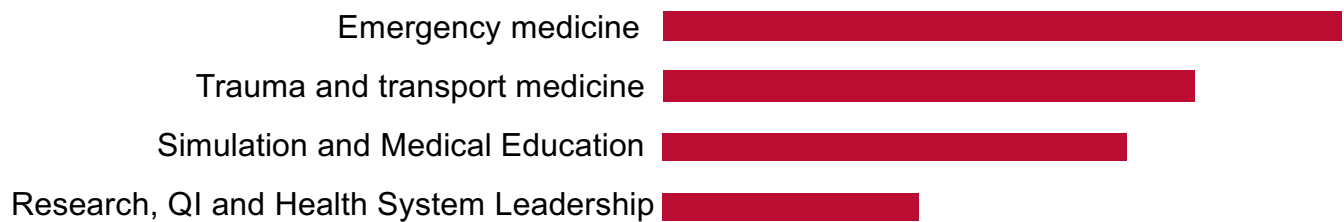
Countries
represented

20+

Practicing in
leadership positions
related to resuscitation



Career Pathways After Fellowship



Clinical Fellows divide their time between Fellowship activities and clinical activities in their base specialty. Additionally, they complete rotations in critical care, their base specialty (e.g., emergency medicine), and participate in Kingston Health Sciences Centre's critical care response team (RACE) and trauma teams. Successful candidates receive a **Fellowship in Resuscitation and Reanimation** from Queen's University.

Academic Fellows attend all education and simulation sessions and complete a scholar project. They do not participate in clinical rotations. Successful candidates receive a **Certificate in Resuscitation and Reanimation** from Queen's University.



Program Curriculum

The Resuscitation and Reanimation program starts July 1 and is divided into 13 four-week blocks. Clinical Fellows complete nine blocks of base specialty with RACE/trauma, two blocks of critical care, and two blocks of electives. Several academic threads run longitudinally, including simulation, airway mastery, cognitive load and decision-making, and critical appraisal.

The program is highly flexible. Blocks and experiences can be tailored to individual learning needs and professional goals.

Semester 1

1	2	3	4	5	6	7
Base Specialty	Base Specialty	Critical Care	Critical Care	Base Specialty	Elective	Base Specialty
	RACE/Trauma				RACE/Trauma	
Summer Series + Intro to Simulation (Tuesdays)						
Airway Mastery						
Thinking, Learning, and Performing						
Critical Appraisal and Scholarship						

Semester 2

8	9	10	11	12	13
Elective	Base Specialty	Base Specialty	Base Specialty	Base Specialty	Base Specialty
RACE/Trauma					
Resus Academic Days (Wednesdays)					
Airway Mastery					
Thinking, Learning, and Performing					
Critical Appraisal and Scholarship					



Fellows receive rich exposure to simulation beginning early in the program. Initial didactic sessions set the foundation for weekly simulation sessions in the second semester.

All Fellows complete a scholar project over the course of the year. Fellows are encouraged to apply for grants and publish their work.

As part of curriculum, Fellows also participate in monthly journal clubs and quarterly book clubs.

Program Fees and Tuition

The following program fees apply.

International applicants

Tuition: \$100K

Living expenses: ~\$75K

Canadian applicants

Academic Fellowship: \$15K

Clinical Fellowship: \$20K

International applicants must have a sponsoring institution or organization that has a signed agreement with the Queen's Postgraduate Office (PGME) to apply. Sponsoring institutions must commit to meeting the above financial requirements set by Queen's University. International trainees **cannot** self fund.

Canadian applicants do not require a sponsoring institution or organization. For clinical fellows completing shifts in the Kingston Health Sciences Centre Emergency Department during their Fellowship, tuition is waived. In addition to program fees, the PGME charges an administrative fee of \$1,800 which provides access to various campus amenities including the library.

Admission Requirements

You will be required to submit the following application documents:

- **Personal statement**
- **Curriculum vitae (CV)**
- **Three letters of reference including one from a Department Head or Program Director** *(required if the applicant is a current resident)*

We welcome applications from Canadian residents with interests in resuscitation and critical care. Admitted candidates must be entering their final post-examination year or be matriculating to begin either subspecialty training or their first year of independent practice. Early and mid-career physicians are also welcome to apply.

International applicants should consult the Queen's University Postgraduate Medical Education office regarding the application process and timelines.

Following file review, successful applicants will be invited to an interview.

For expressions of interest,
please email
akshay.rajaram@queensu.ca



Department of Emergency Medicine
Victory 3
76 Stuart Street
Kingston, ON K7L 2V7
Canada



School of Medicine Building
15 Arch Street
Kingston, ON K7L 3L4
Canada

