

## Northern Ontario School of Medicine

### Family Medicine/Emergency Medicine Residents of the Canadian Shield: FM/EM-RoCS

Program Contact	Quota (approx) : 7
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## Supporting Documents

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### 1. Reference Letters

Three letters are required

- one from your primary Family Medicine supervisor
- one from an Emergency Medicine preceptor
- one letter of your choice
- each letter **must** be accompanied by the "Referee Assessment of Applicant".

[Click here to access the "Referee assessment form"](#)

### 2. Assessment by Program Director

A letter from your Family Medicine Program Director which **must** be accompanied by the "Family Medicine Program Director's Assessment of Applicant".

[Click here to access the "Family medicine program / site director's assessment of applicant form"](#).

### 3. Personal Letter

A letter of intent describing yourself and your career interests is required.

## Interviews

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Each interviewing team will include Emergency Medicine preceptors and a current resident. Those selected for interviews will be notified by Friday, October 16, 2009. Candidates can choose to be interviewed *either* in **Sudbury** on **Friday, November 20, 2009**, or in **Thunder Bay** on **Saturday, November 21, 2009**. (Note: only one interview is necessary, to cover both sites) Please bring a wallet-sized photograph of yourself to the interview.



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## Program Information

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### Northern Ontario School of Medicine

#### **Family Medicine/Emergency Medicine Residents of the Canadian Shield: FM/EM-RoCS!**

Welcome to Family Medicine/Emergency Medicine Residents of the Canadian Shield (FM/EM-RoCS)! We offer a fully accredited Emergency Medicine training program leading to Certification of Special Competence in Emergency Medicine by the College of Family Physicians of Canada -- the CCFP(EM). Our intensive one-year curriculum is designed to provide CCFP graduates with the confidence and abilities to excel in any Canadian Emergency Department. We can in particular prepare physicians to practise in underserved, rural and remote areas.

We function as one program, with two distinct sites: one in Sudbury and one in Thunder Bay, Ontario. Residents in our program can choose to study primarily in either Sudbury or Thunder Bay. Most rotations will then be completed in or near that "home base", as per each resident's preference. The clinical and academic curricula are entirely shared.

The **Hôpital régional de Sudbury Regional Hospital** (HRSRH) Emergency Department (ED) has the second-highest patient acuity rating in Ontario, combined with a patient volume of roughly 70,000 visits per year.

The **Thunder Bay Regional Health Sciences Centre** (TBRHSC) is now the busiest ED in all of Ontario, with around 100,000 visits per year and a geographically vast catchment area over 275,000.

Both sites are designated Trauma Centres and regional Base Hospitals for pre-hospital care. We are staffed by a mix of full- and part-time physicians, with both CCFP(EM) and FRCP(C) certifications. Our teachers are enthusiastic, and dedicated to encouraging learning.

Ontario's North is fertile territory for learning Emergency Medicine! Most procedures in our emergency departments are done by Emergency Physicians: complex laceration repair, fracture and dislocation reductions, airway management, ongoing resuscitations, etc. There is ample opportunity for residents to hone their procedural skills. Residents in our program work one-on-one with preceptors.

Our focus is on resident learning, not service provision.

The EM program is built on years of expertise, academic excellence, and a well-developed infrastructure. Ours is a program for physicians seeking a unique and challenging experience in Emergency Medicine.

## Rotation Schedule

Rotation	Number of Weeks	Sites Available
Core Emergency	20 weeks	Sudbury Thunder Bay
Community Emergency	4 weeks	Huntsville Kenora North Bay Sault Ste. Marie Timmins
Anesthesia	4 weeks	Sudbury Thunder Bay
Intensive Care	8 weeks	Sudbury Thunder Bay
Ortho/Plastics/EDUS	4 weeks	Sudbury Thunder Bay
Pediatric Emergency	4 weeks	Ottawa CHEO Toronto HSC (Sick Kid's)
Trauma	4 weeks	Baltimore, MD Toronto (Sunnybrook) Ottawa
Elective	4 weeks	

### US Trauma Rotation

New in 2009, NOSM is pleased to offer a 4-week Trauma experience at R. Adams Cowley Shock Trauma Center in Baltimore, Maryland. During this high-volume rotation, residents will reinforce the basic knowledge needed for the resuscitation, diagnosis, and treatment of trauma patients, and develop an understanding of the continuum of care involved in the treatment of trauma victims.

### Trauma Horizontal Elective

In addition to the Trauma rotation, our residents participate in Trauma Team call, during Emergency and off-service rotations, to further enhance their exposure to traumatized patients.

### Emergency Ultrasound

The Sudbury Regional Hospital Emergency Department is a Centre of Excellence for Emergency Department Ultrasonography (EDUS). All FM/EM-RoCS residents, regardless of their 'home base', will have the internationally-recognized Emergency Department Echocardiography (EDE) course provided to them. We further have a program in place to ensure full certification in EDUS with the Canadian Emergency Ultrasound Society (CEUS): [www.ceus.ca](http://www.ceus.ca)

### Advanced Life Support Training

Acknowledging the increased independence and resuscitative skills required of Northern and rural Emergency physicians, the Northern Ontario School of Medicine provides funding for ACLS plus one other resuscitation course, such as ATLS or PALS, to all FM/EM-RoCS residents. These courses are often available at our teaching sites, particularly in Sudbury and Thunder Bay.

### Pre-hospital Care/EMS

Residents are required to arrange a minimum of two ride-outs on land ambulance and one air-ambulance (helicopter) shift. All FM/EM-RoCS residents will be certified as base-hospital physicians to respond to calls from our local EMS.

## **Feedback & Evaluations**

Residents are provided with written, formative feedback on a daily basis on most rotations, based on discussions with their preceptors. Direct Observation is also used. These assessments (of both clinical and academic performance) are compiled into oral and written summative evaluations at mid- and end-rotation. This allows residents maximal opportunities to improve their skills.

## **Academic Programming**

### **Academic Rounds**

Academic teaching is provided in weekly half-day rounds. The year is divided into thirteen, four-week blocks, each with a specified theme, eg Acute Coronary Syndromes, Toxicology, Urology, Trauma, etc. Each topic is explored using a problem-based, small-group learning format. The emphasis is on advanced management skills and evidence-based practice. Each academic half-day also incorporates a one-hour case-based presentation given by an EM resident, aimed at reviewing relevant evidence from the literature. Residents participate in Rounds on all rotations, using videoconference technology.

### **Research Project**

Residents are expected to complete a small research project during the year, for presentation at Research Day in May. Options include chart audits, surveys, practice guideline development or implementation, etc. Educational and statistical support is provided for this endeavour.

### **Educational Resources**

The hospitals have a variety of clinical and educational software, and the major information sources relevant to Emergency Medicine. Residents also have access to the Northern Ontario Health Information Network library system.

## **Application process**

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Interested candidates can apply during their second year of family medicine training. Family Physicians already in practice may apply as re-entry candidates. A minimum of seven positions are available each year. The program runs from July 1st to June 30th of each year. Our application requirements are listed above. We look forward to hearing from you!

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