

## Seminars

Three hours a week are devoted to seminars. A variety of topics pertaining to Surgery are covered. Protected time for seminars take place on Friday mornings. For those who are entering into a research stream there are also a series of seminars in Experimental Surgery available during the PGY-2 or PGY-3 level.

Other Academic Activities include:

- ◆ Journal Club
- ◆ Clinical Service Rounds
- ◆ Grand Rounds
- ◆ Surgical Skills Labs (CAMIS)
- ◆ PALS, ATLS, ATOM and FAST
- ◆ Ultrasound Courses
- ◆ PGY-1 Research Methodology Course
- ◆ Annual Research Days
- ◆ Extensive yearly evaluations:
  - Canadian Association of General Surgeons (CAGS) written exam
  - Oral exams
  - Standard in-training evaluations
  - OSCE's

The University of Alberta General Surgery Residency Program has always been considered one of the premier programs in Canada. There is a major commitment by the Department of Surgery toward research and research development, but at the same time this program has well developed connections to community surgery, thereby giving the candidate another option toward a future career choice within the specialty of General Surgery. Past residents have been highly successful in obtaining fellowship positions.

### Program Contact:

**Dr. Kamran Fathimani**, *Program Director*  
kfathima@ualberta.ca  
**Valerie Jackson**, *Program Administrator*  
valeriej@ualberta.ca  
**Raelin Lightfoot**, *Program Assistant*  
gsurgpg@ualberta.ca

**General Surgery Residency Program**  
**2D2.02 WMC, 8440 - 112 Street**  
**Edmonton, AB T6G 2B7**  
**Phone: (780) 407-6325**  
**Fax: (780) 407-3283**

For more information about electives or shadowing, please contact:

**Diane Osborne**  
Program Assistant  
Undergraduate Medical Education  
780 735-5961  
gensurg@ualberta.ca

## General Surgery Residency Program



### Office of Surgical Education

**2D2.01 Walter Mackenzie Centre**  
**University of Alberta**  
**8440 - 112 Street**  
**Edmonton AB T6G 2B7**  
**Phone: (780) 407-6325**

## Program Overview

### Curriculum

The curriculum is designed to provide all-inclusive training in General Surgery. The first year provides a solid basis for further specialty training in surgery. Exposure to all aspects of General Surgery include Trauma, Pediatric Surgery, Head and Neck Surgery, Colorectal Surgery, Endoscopic Surgery, Vascular Surgery, Transplant Surgery, Community Surgery and Research are included in the five year program. Persons who desire intensive research experience should express their interest to the Program Director during their first year. Options include one year of research training or two to three full years of training in the Surgeon-Scientist or Clinician Investigator Programs leading to an MSc or PhD. Funding for research must be arranged in advance in conjunction with the Director of Surgical Research, Dr. E. Tredget or the Director of the Clinician Investigator Program, Dr. D. Bigam.

### Resources

- University of Alberta Hospital
- Royal Alexandra Hospital
- Misericordia Community Hospital
- Grey Nuns Community Hospital
- Chinook Regional Hospital, Lethbridge
- Queen Elizabeth II Hospital, Grande Prairie

## Program at a Glance

### PGY-1

The PGY – 1 year for General Surgery consists of the following rotations:

- General Surgery (20 weeks)
- Orthopedic Surgery / Plastic Surgery / Neurosurgery (4 weeks each)
- Anesthesia (4 weeks)
- Coronary Care Unit (4 weeks)
- Medicine (4 weeks)
- Pediatric General Surgery (4 weeks)
- Vacation (4 weeks)

### PGY-2

The PGY – 2 year consists of the following:

- General Surgery (28 weeks)
- Intensive Care Unit (12 weeks)
- Pathology (4 weeks)
- Thoracic Surgery (8 weeks)

### PGY-3

This year consists of:

- General Surgery (28 weeks)
- Gastroenterology / Endoscopy (8 weeks)
- Pediatric General Surgery (8 weeks)
- Elective (8 weeks)

### PGY-4

During the PGY – 4 year, the General Surgery Residents at the University of Alberta will be engaged in senior level rotations as per the Royal College of Physicians and Surgeons of Canada descriptions. The rotations in the PGY – 4 year include:

- ◇ General Surgery (12 weeks)
- ◇ Rural or Community General Surgery selective (12 weeks)
- ◇ Vascular Surgery (8 weeks)
- ◇ Elective (8 weeks)
- ◇ Chief Resident (12 weeks at the end of the academic year)

### PGY-5

The first ten blocks of the PGY – 5 year are Chief Resident rotations. The last three blocks are for Ambulatory Care as well as study time for the Royal College of Physicians and Surgeons of Canada written and oral exams which take place in May and June.

### Research

Extensive opportunities exist for residents to participate in research. Residents are expected to do basic and/or clinical research projects in their PGY – 2, 3, and 4<sup>th</sup> years with the findings to be presented at the annual General Surgery Resident's Research Day held in mid-April.

Residents wishing to complete basic research will start after their PGY – 2 year. Supervisors, projects and funding are available to support research training in the broad areas of basic sciences, surgical education, clinical outcome studies, and technology development. Research presentations are presented annually at the Division of General Surgery's Research Day, as well as the Department of Surgery's Resident Research Day and are eligible for generous awards. Recent graduates of our program have consistently won national awards such as the Canadian Association of General Surgeons Resident Research prize. The nature of the research program is designed to provide experience for persons preparing for a wide variety of careers in General Surgery where research experience is important. This ranges from participation in ongoing research studies through out the residency to highly intensive two or three year training in our Surgeon-Scientist Program or the Royal College approved Clinician Investigator Program.