Research
Throughout the five year program residents will have the opportunity to explore both clinical and basic scientific research.

The program supports you in these endeavors with:

- Close working relationships with the Department of Anatomy and the Department of Engineering at the University of Alberta
- Ongoing Support from Preceptor and Research Staff throughout the projects

Projects are presented annually during the Resident Research Day. Residents must present two projects in five years, one clinical and one basic. It is the intent that our residents will have a project suitable for publication by the completion of their residency.

Resources
Within the Orthopaedic Program there is a dedicated resident library with computers, printers, and other academic resources including textbooks and online access to journals.

The program has successfully integrated hospitalists and resident replacements to significantly reduce the amount of service work required of the residents. During the time spent on Orthopaedic rotations, call will be no more than one in four.

Academic Sites
University of Alberta Hospital
Royal Alexandra Hospital
Misericordia Community Hospital
Grey Nuns Community Hospital
Sturgeon Community Hospital

For Further Information contact:
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Program Administration
Orthopaedic Surgery Residency Program
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Dr. Angela Scharfenberger
Orthopaedic Surgery Program Director
www.uofaweb.ualberta.ca/orthopaedicsurgery
Orthopaedic Surgery is a five year program which provides the resident with the fundamental knowledge and skills necessary to practice competent orthopaedics upon successful completion of the program. The graduate will be able to pursue a satisfying career in a community based Orthopaedic practice or to follow up with a sub-specialty practice after further fellowship training.

Each aspect of the program has been designed to develop a well rounded orthopaedic surgeon who will be able to effectively gather clinical information, apply diagnostic skills and make an appropriate judgments for care based on clinical and basic scientific knowledge.

The Orthopaedic Surgery Program at the University of Alberta distinguishes itself from other programs across Canada because it is a small program which allows for good rapport between the surgeons and residents. This results in excellent opportunities for exposure to both surgical and clinical experiences.

Program at a Glance

PGY 1 Year - Surgical Foundations
- 3 Blocks of Orthopaedic Surgery
- 1 Block of Orthopaedic Pediatrics
- 2 Blocks of Orthopedics at the RAH
- 2 Block of General Surgery
- 1 Block of Internal Medicine
- 1 Block of Vascular Surgery
- 1 Block of Emergency Medicine
- 1 Block of Coronary Care
- 1 Block of Vacation (taken as one block)

PGY 2 Year
- 4 Blocks of Arthroplasty Surgery
- 3 Blocks of Orthopaedic Trauma Surgery
- 2 Blocks Orthopaedic Rural Rotation
- 2 Blocks ICU
- 1 Block Elective
- 1 Block Plastic Surgery

PGY 3 Year
- 3 Blocks of Foot and Ankle Surgery
- 3 Blocks of Paediatric Orthopaedic Surgery
- 3 Blocks of Spine Surgery
- 3 Blocks of Upper Extremity Surgery
- 1 Block of Hand Elective

PGY 4 Year
A 12 week elective is available in the PGY 4 year which can be spent in other centers approved by the Royal College. Senior residents will spend a minimum of 12 weeks in this year as Chief resident.
- 3 Blocks of Sports Medicine
- 3 Blocks of Tumor & Reconstruction
- 4 Blocks of Electives
- 3 Blocks as Chief Resident

PGY 5 Year
Chief residents are involved in the supervision of the Orthopaedic service as well as organizing rounds and academic sessions. Exam preparation sessions are held for all final year residents.
- 3 Blocks Chief UAH site
- 3 Blocks Chief RAH site
- 3 Blocks Pediatric Chief UAH
- 3 Blocks Ambulatory Care

Training and Seminars

Seminars & Academic Sessions
There is an organized, preceptor led academic half day program which includes topics within the areas of Trauma, Pediatrics, Basic Science and Cold Orthopaedics.

Our PGY 1 and 2 Residents participate in two months of Orthopaedic Boot Camp which includes Spine/Halo and Casting Sessions.

Summer Half Day seminars consist of anatomy session in the cadaver lab.

Other Academic Activities include:
- Academic Half Day - Four Hours weekly
- Fracture Rounds, Spine Rounds
- Arthroplasty Rounds
- Foot & Ankle Rounds, Shoulder Rounds
- Weekly City Wide Rounds
- Monthly Grand Rounds
- Journal Club