

Adult Joint Reconstruction & Periprosthetic Joint Infection Fellowship

Length: 1 year

Number of Positions: 1

Type of Fellowship: Clinical Fellowship

Fellowship Supervisors: Dr. Paul Beaulé, Dr. Paul Kim, Dr. Wade Gofton, Dr. George Grammatopolous

Overview:

The adult joint reconstruction fellowship is a twelve-month program in primary hip arthroplasty with a focus on the direct anterior approach, primary knee arthritis and revision hip and knee arthroplasty. The fellow will be exposed to day care arthroplasty, complex arthroplasty including PJI, periprosthetic fracture management and management of geriatric lower extremity fractures managed with arthroplasty. The fellow will also be involved with the diagnosis and management of diseases of the young adult hip and hip preservation procedures. This fellowship will see significant involvement of the fellow in both clinical and surgical work to prepare them for independent practice. Responsibilities will be delegated based on demonstration of the individual's ability.

Duration of Fellowship:

The fellowship begins on August 1st and ends July 30th. During this year, the fellow will be immersed in all aspects of the program and have the opportunity to work with multiple providers in the Division of Adult Joint Reconstruction.

Objectives:

- To develop an approach to patient problems and decision-making skills in management.
- To attain surgical skills required in primary and revision arthroplasty for competence in independent practice
- To develop a systematic approach to the management of failed primary arthroplasty
- To obtain experience in scientific data collection, analysis and interpretation, and publication.

Clinical and Surgical Training:

The fellow will be involved in a high-volume of both complex primary and revision arthroplasty cases, in addition to periprosthetic fracture care and level 2 general orthopedic trauma care. At the end of the fellowship, the fellow is expected to demonstrate the skills required in the independent treatment of complex arthroplasty cases.

The fellow will work be based with four preceptors, two with a focus on hip preservation, one with a focus on revision and another based at a level-one centre with a focus on arthroplasty in fracture care. Fellows also be involved in cases and clinics with other arthroplasty faculty. A heavy emphasis will be placed on optimizing operative experience. The fellow can expect significant exposure to a wide range of procedures:

- **Hip preservation**
 - Hip arthroscopy
 - Surgical management of FAI and impingement
 - Peri-acetabular Osteotomies
- **Hip Arthroplasty:**
 - Hip resurfacing
 - Latest techniques in revision hip arthroplasty of periprosthetic joint infection
 - Total Hip arthroplasty
 - Cemented and Uncemented
 - Direct anterior approach, Posterior Approach, and Direct Lateral Approach.
 - Revision Hip Arthroplasty and periprosthetic fracture care
- **Knee Arthroplasty:**
 - Latest techniques in revision knee arthroplasty
 - Total Knee Arthroplasty
 - Revision Total Knee Arthroplasty and periprosthetic fracture care
 - Unicompartement Knee Arthroplasty
 - Computer-assisted adjunctive technology

Research and Academic Career Training:

Involvement in research and academic-related activities during the fellowship are mandatory. In addition to clinical duties, dedicated time will be allotted for research endeavors related to both periprosthetic joint infection and general arthroplasty. Dedicated research support is available including research coordinators and a dedicated statistician. The fellow will also have the opportunity to collaborate with other trainees, surgeons, and centers in pursuit of their research endeavors. A minimum of two projects that will be presented, and published in a peer-reviewed journal will be required.

Fellowship Duties:

- **Clinical:**
 - Participation in general arthroplasty clinics
 - Participation in Fracture clinics
 - Involvement in clinical teaching to residents and medical students
 - Participation in arthroplasty
 - Involvement in operative coverage during specified general trauma, arthroplasty, and periprosthetic joint infection on-call.
 - Completion of two research projects.
- **Surgical:**
 - Participation in primary and revision arthroplasty, and periprosthetic fracture operative cases

- Preoperative planning of surgical cases (templating and coordinating special implant requirements).
- Participation in orthopaedic trauma cases (trauma room, and on call)

Fellowship Prerequisites:

- Fellowship Type
- Curriculum Vitae
- Letter of good standing from your Program Director
- Medical Degree (if not English, official translation required)
- Specialty Degree (if not English, official translation required)
- Proof of Citizenship
- Proof of English proficiency
- Three reference letters
- Police record check (original copy required)
- Vulnerable sector check (original copy required)
- You will be required to apply for a work permit (foreign applicants only) <http://www.cic.gc.ca/english/work/apply-who-permit.asp>
- CPSO license to practice (College of Physicians and Surgeons of Ontario). You can obtain the CPSO application package on their web site at www.cpso.on.ca or you may contact them at [416-967-2617](tel:416-967-2617).
- Malpractice insurance. Please contact the Canadian Medical Protective Association (CMPA) at [613-725-2000](tel:613-725-2000) or visit their web site at www.cmpa-acpm.ca.
- Immunization requirements – you will be required to meet the University's immunization requirements before the start of your fellowship. Please contact PGmed_Immunise@uottawa.ca.
- Proof of sponsorship (foreign applicants only)

To be considered, please send your application to **Lisa Benvenuti** at lbenvenuti@toh.ca.