

## *The Shriners Hospital for Children Pediatric Anesthesia Fellowship*

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| <b><u>DURATION:</u></b>              | 1-year   |
| <b><u>NUMBER OF POSITIONS:</u></b>   | 1  |
| <b><u>FELLOWSHIP SUPERVISOR:</u></b> | Dr. Vincent Collard  |
| <b><u>HOSPITAL:</u></b>              | The Montreal Children's Hospital<br>The Shriners Hospital for Children |

### **BACKGROUND:**

The fellowship appointment is at the Montreal Children's Hospital (MCH) and the Shriners Hospital for children (SHC). It will include clinical care in the Operating Room 4 days/week with 1 day reserved for academic activities. The fellow will spend 2 days/week at the SHC, and 2 days/week at the MCH. Additional academic time may be available, based on demonstrated need.

### **RESEARCH:**

Research activities in the department are directed by Dr. D. Withington (Research Director). One non-clinical day a week is available for the pursuit of academic or clinical research activities. Areas of research expertise include the pharmacology of neuromuscular blockade, acute pain modalities, obstructive sleep apnea, control of breathing, pharmacology and epidemiology.

### **MISSION STATEMENT:**

To provide clinical and research training towards comprehensive academic knowledge of the field of pediatric anesthesia and pain management.

### **DESCRIPTION:**

The Shriners Hospital for Children in Montreal is a specialized orthopedic institution founded in 1925. The hospital is a 40-bed facility with two operating rooms, and one pre-induction room. The hospital does about 800 surgeries every year; about half are performed as outpatient surgery. This includes routine orthopedic surgery, scoliosis surgery, and application of ilizarov's, dega ostotomies and urological surgeries. The hospital is also an orthopedic referral center for patients with osteogenesis imperfecta, offering specialized care for patients from the rest of Canada and internationally. The hospital is affiliated with the McGill University Health Center (MUHC). Medically complex patients, who may require admission to the intensive care unit, are treated at the Montreal Children's Hospital.

The Montreal Children's Hospital is a 250 bed pediatric hospital situated in the heart of the Montreal Island close to other McGill University hospitals. The MCH is a designated pediatric trauma center and has a very busy emergency room, a Neonatal Intensive Care Unit, and a Pediatric Intensive Care Unit. The Main Operating Block has 6 operating rooms, with a sedation room. Anesthesia also provides off site coverage to radiology (MRI, CT scan, Ultrasound, Interventional Angiography), Cardiology, Hematology/Oncology. In addition, we have 2 active Pain Services (Acute and Chronic). Pediatric regional anesthesia is performed at the Montreal Children's Hospital and the Shriners Hospital for Children.

*The trainee is expected to:*

- Perform clinical work under the supervision of the staff anesthesiologists. (Dr. Karen Brown, Dr. Natalie Buu, Dr. Ruben Carranza, Dr. Vincent Collard, Dr. Annie V. Coté, Dr. Joëlle Desparmet, Dr. Pierre Fiset, Dr. Chantal Frigon, Dr. Kristine Klubien, Dr. Ivana Kocur, Dr. Indrani Lakheeram, Dr. Josée Lavoie, Dr. Catherine Paquet, Dr. Teresa Valois, and Dr. Davinia Withington)
- Perform call duties:  
**Second Call:** Maximum of 6 Second Calls per month. (4 weekend calls/month).  
**Stat Weekends:** Maximum of 3 stat holiday weekends in 12 months.
- Participation in Monday Morning Departmental Rounds, Thursday Morning Resident/Fellow Rounds and McGill Department of Anesthesia Journal Club.
- Support will be provided to allow the candidate to attend a scientific meeting to present a paper or scientific exhibit subject to the following:
  - research carried out by the Fellow whilst in the Department of Anaesthesia at The Montreal Children's Hospital
  - meeting shall be approved by the Department
- The fellows will have access to the McGill University, Montreal Children's Hospital and Departmental libraries. The fellow will also have access to a computer.

**THE SHRINERS HOSPITAL FOR CHILDREN PEDIATRIC ANESTHESIA ACUTE PAIN SERVICE (APS) COMPONENT:**

1. Fellows will spend at least 2 clinical days/week and most academic days at the SHC, during these days they will be responsible for the APS and will be supervised by the staff anesthesiologist.
2. Clinical days spent at the SHC will be during the latter part of the week, as the APS is typically the busiest and planning for the weekend is facilitated.
3. Dr. Chantal Frigon will supervise the fellows at the Shriners to develop and run the APS service.
4. Responsibilities of the Acute Chronic Pain Service at SHC:
  - a. APS rounds in the morning
  - b. Cover consults to the APS.
  - c. Round at the end of day, and sign out to the on-call-anesthesiologist at the MCH if not covering the on-call for APS at the Shriners.
5. The fellow will cover two weekends/month of APS call at the Shriners. This includes covering the APS from Friday evening to Monday morning and rounding Saturday and Sunday morning.
6. The fellows Teaching/Presentation responsibilities are a critical part of the APS:
  - a. Presentation to ward nurses (once)
  - b. Pain day Teaching / Cover staff in rooms
  - c. Monday Morning Rounds at MCH (once for the APS)
  - d. Prepare 1 protocol for the APS at the SHC