

Site: Toronto Western Hospital

Supervisor: Suganth Suppiah

Term of Appointment: 1 or 2 years

Positions Available: Funded posts for 1 fellow per year. Additional fellows with external funding can be accepted.

Description:

The peripheral nerve surgery and neurofibromatosis clinical fellowship program will be designed as a 1 year training program with 1 fellow admitted each year. The fellowship program will be customized and tailored to the medical or surgical subspecialty training of the applicant. Most importantly, fellows will get full exposure to all the subspecialties involved in treating neurofibromatosis to get a full breadth of knowledge in management of neurofibromatosis.

The program will be structured as follows:

- 1) Clinical Rotations: Fellows will participate in clinical rotations in multidisciplinary neurofibromatosis clinic, which include neurosurgeons, neurologists, neuro-oncologists, geneticists, and other specialists involved in the care of neurofibromatosis patients. This multidisciplinary approach will ensure fellows gain a comprehensive education and expertise in the management of neurofibromatosis patients.
- 2) Surgical Training: All fellows will rotate with the surgical team and get an exposure to the surgical decision making and identify which tumors would be considered operable and inoperable. Fellows with surgical training background will receive extensive surgical training under the supervision of experienced neurosurgeons specializing in peripheral nerve surgery and neurofibromatosis. This will include surgical planning, hands-on experience in various surgical techniques, and post operative care.
- 3) Research Training: Fellows will have dedicated research time and resources to conduct clinical or basic science research projects. They will be encouraged to present their findings at conferences and publish in reputable scientific journals.
- 4) Didactic Education: Regular didactic sessions will cover various topics related to neurofibromatosis, including genetics, pathology, radiology, and emerging treatment options. Fellows will have access to online resources, educational materials, and conferences to enhance their knowledge base.

Objectives - The key objectives in the peripheral nerve surgery and neurofibromatosis clinical fellowship program are as follows:

- 1) Clinical Expertise:
 - a. Provide fellows with comprehensive training in management of complex peripheral nerve pathologies
 - b. Provide fellows with comprehensive training in the diagnosis in neurofibromatosis
 - c. Provide fellows with comprehensive training in the diagnosis, management, and surgical interventions for patients with neurofibromatosis related spinal and peripheral nerve tumors.

- 2) Multidisciplinary Collaboration: Foster collaboration among various specialties, including neurosurgery, neurology, oncology, genetics, otolaryngology, radiology, and other specialties to ensure a comprehensive and integrated approach to patient care.
- 3) Research and Innovations: Encourage fellows to engage in research activities to advance the understanding of neurofibromatosis, develop new treatment modalities, and contribute to the scientific literature.
- 4) Education and Awareness: Conduct educational initiatives and community outreach programs to increase awareness about neurofibromatosis, promote early diagnosis and improve patient outcomes.
- 5) Professional Development: Support the career growth of fellows by providing mentorship, networking opportunities, and exposure to leaders in the field of neurofibromatosis.

Contact Information

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Application Procedure:

Please submit the following by email to the Fellowship Contact:

- CV
- Letters of reference (3)
- Proposed start year
- Details of self-funding for the fellowship if applicable