

Fellowship in Stereotactic and Functional Neurosurgery

The Division of Neurosurgery at Dalhousie University is pleased to offer a one year funded fellowship position in Stereotactic and Functional Neurosurgery. The QEII Health Sciences Centre is the only neurosurgical facility performing Deep Brain Stimulation for the Atlantic Provinces. Fellows will participate in the evaluation and treatment of patients with a broad range of functional neurosurgical disorders such as movement disorders, complex pain, and epilepsy.

The Division of Neurosurgery provides tertiary and quaternary care to all of Nova Scotia and the Atlantic provinces (population 2.4 million), as well as comprehensive care to patients in the Central Region of the Nova Scotia Health Authority (NSHA). We deliver this care primarily at the QEII Health Sciences Centre and the IWK Health Centre in Halifax, Nova Scotia.

Fellows will have hands-on participation in all stereotactic and functional procedures including:

- Deep Brain Stimulation
- Spinal Cord Stimulation
- Peripheral Nerve Stimulation
- Vagus Nerve Stimulation
- Resective and disconnective procedures for Epilepsy
- Invasive electrodes (depth and subdural) for Epilepsy
- Decompressive and ablative procedures for Trigeminal neuralgia
- Spasticity treatment with intrathecal pumps

Fellows are actively involved in:

- Interdisciplinary rounds, video conferences and clinics for preoperative assessment and selection of the patients
- Stereotactic and functional surgeries
- Postoperative management, programming and follow-up
- Research projects
- Writing and publishing journal articles
- Attending and presenting international and national meetings

Eligible candidates include:

- Licensed to practice neurosurgery in Canada (FRCPSC)
- Licensed to practice neurosurgery in home country (Clinical Fellow)
- Previous publications as first author or PhD are appreciated
- Proficiency in English (oral and written) is required. Please see English language policy listed on the CPSNS website <https://cpsns.ns.ca/registration-licensing/registration-policies/>

Details concerning licensing criteria can be found under:

<https://cpsns.ns.ca/registration-licensing/licence-type/postgraduate-training-licence/>

Interested candidates should send:

- Cover Letter
- Curriculum Vitae
- Two reference letters

To:

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<https://medicine.dal.ca/departments/department-sites/surgery/divisions/neurosurgery/about.html>