

1 or 2 Year Fellowship in Pediatric Epilepsy & EEG in Calgary, Canada

The Pediatric Epilepsy Program at the Alberta Children's Hospital (University of Calgary) offers a 1-2 year fellowship in Epilepsy and EEG (starting on 1 July 2022).

This can be a clinical fellowship or a combined clinical-research fellowship. Our program offers a diverse training environment at one of the largest epilepsy centers in Canada. We have access to wide array of diagnostic and treatment facilities including epilepsy surgery and invasive stereo-EEG. Our program has a strong affiliation, and alignment, with world class research at the Alberta Children's Research Institute and the Hotchkiss Brain Institute allowing us to work with basic and clinical researchers focused on epilepsy ranging from animal studies, advanced imaging, invasive EEG analysis and clinical database research.

Program Overview: Excellence in clinical epilepsy training will occur by participating in established and robust clinics ranging from general pediatric epilepsy, infantile spasms, genetic epilepsies, first seizure, and transitional clinic). Training will also include extensive exposure to a broad range of procedural set-ups including routine and long-term scalp EEG, intracranial EEG monitoring, advanced structural and functional neuroimaging, epilepsy surgery, vagal nerve stimulation, and a ketogenic diet program. The trainee will learn the mechanisms and classification of epilepsies and seizure types, their etiologies, differential diagnosis, management and medical treatment of refractory epilepsies as well as indications for surgical therapy.

Fellows will be strongly encouraged to take the Canadian Society of Clinical Neurophysiology EEG examination that sits once a year in June. A series of weekly didactic lectures will be completed in preparation for this examination. Fellows will also participate in weekly multidisciplinary case conference rounds in which complex epilepsy cases, including epilepsy surgery candidates are reviewed, as well as Epilepsy Educational Rounds and journal clubs.

Fellows are encouraged to participate in research projects undertaken by our epilepsy researchers.

Eligibility: Completion or board eligibility to write the Royal College Examination (or American Board) in Pediatric Neurology.

Applications: Please send electronic versions of your CV, three letters of recommendation, and a letter of intent to Dr. Julia Jacobs, Director of the Pediatric Epilepsy Program:

julia.jacobs-levan@ahs.ca