



FELLOWSHIP IN CLINICAL MAGNETOENCEPHALOGRAPHY

We are currently seeking applications for fellowship training in clinical MEG and epilepsy at the Cleveland Clinic Epilepsy Center. Starting date is spring 2013 for one year, with the possibility to extend longer based on solid clinical and research performance. Eligible international or US trainees include physicians who have successfully completed both a neurology residency and an epilepsy or clinical neurophysiology fellowship in adults and/or children. Preference will be given to candidates with prior magnetoencephalography experience. Previous training in a tertiary epilepsy center with a strong surgical program is a plus.

This is a non-ACGME-accredited fellowship which includes participation in the recording and interpretation of clinical MEG studies. The MEG fellowship is tightly integrated into the Epilepsy Center's large epilepsy surgery program. Trainees will also have the opportunity to participate in noninvasive and/or invasive epilepsy monitoring of adult and pediatric patients, interpretation of bedside and outpatient EEGs and evoked potentials. The fellow will learn how to integrate the MEG results into the workup of diverse patients with epilepsy, and how to utilize MEG results for surgical planning.

The Cleveland Clinic Magnetoencephalography Laboratory was established in 2008, and since then has carried out more than 580 clinical MEG scans. Since its inception, the CCF MEG Laboratory has maintained a continuous MEG training program, altogether training seven clinical MEG fellows. Our diverse MEG faculty consists of dedicated physicians, scientists, MEG engineers, and technologists, which allows for a unique multidisciplinary learning environment for our clinical MEG trainees. The Cleveland Clinic Epilepsy Center has played an instrumental role in the development by the American Clinical MEG Society of the recently published Clinical Practice Guidelines for MEG analysis, which are consistently utilized in our Center.

This is a highly competitive fellowship position. Upon completion of this fellowship you will be able to understand and apply the fundamental principles of MEG recordings, evaluate the role of MEG in the presurgical work-up of complicated patients with refractory epilepsy, and practice clinical magnetoencephalography at the highest level. In addition you will have the opportunity to establish excellent research credentials in magnetoencephalography. You will work with a dynamic team of 15 epileptologists and 15 clinical and research epilepsy fellows. There are myriad staff interests and available research projects that can be carried to fruition during your fellowship. Many projects originate from distinct medical needs and can be moved into active clinical use upon completion.

The Cleveland Clinic Epilepsy Center has gained national and international prominence in the management and investigation of epilepsy and offers excellent training for medical professionals. Our high-volume clinical practice attracts adult and pediatric patients from all over the world. Our coordinated, multidisciplinary team contributes a comprehensive range of skills and knowledge of adult and pediatric epilepsy. Excellence in state-of-the-art diagnostics (including MRI-postprocessing, ictal SPECT, MEG, EEG-triggered fMRI, and stereo-EEG), medical and surgical clinical treatment programs, and research have yielded important basic and clinical science contributions. Our fellowship programs provide post-residency education in a variety of clinical areas, including Epilepsy, Clinical Neurophysiology, and Magnetoencephalography.

The Cleveland Clinic is a nonprofit multispecialty academic medical center that integrates clinical and hospital care with research and education. Cleveland Clinic is an equal opportunity employer, and candidates from abroad are encouraged to apply. Compensation is commensurate with your previous training and experience. If you are interested in being considered for a clinical MEG fellowship at the Cleveland Clinic Epilepsy Center, please Email a letter to Dr. Richard C. Burgess, MD, PhD, Director of the MEG Laboratory (burgessr@ccf.org), with your CV attached.

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