



McGovern
Medical School

Clinical Magnetoencephalography (MEG) Fellowship

Director: Michael Funke, MD, PhD

University of Texas Health Sciences Center at Houston has two available positions for *Clinical Magnetoencephalography (MEG) and Surgical Epilepsy Fellowship* for 2021-22 academic year. Our mission is to provide training for neurologists with MEG-expertise who can interpret and integrate findings for presurgical epilepsy patients. This is a Texas Medical Board-approved, non-standard ACGME program, and is one of only few such formalized training programs in the U.S. or Canada.

Clinical MEG Fellowship program is a clinically oriented training that focuses on presurgical evaluation of both pediatric and adult epilepsy patients. Trainees will be involved in in-depth hands-on data analysis, interpretation, and application of advanced diagnostic techniques using MEG. The fellow will also learn the technical aspect of MEG data acquisition and machine operation. There is opportunity to be involved in intra-operative and extra-operative electrocorticography (ECoG) with subdural and depth electrodes, and electrical cortical stimulation. The applicant also can choose to be involved in research, in conjunction with clinical aspect, upon interest.

Applicants must have completed a residency program in neurology or child neurology. Ideally, this person would have already completed an epilepsy or clinical neurophysiology fellowship. The duration of training is for one year and typically begins on July 1st, but we will assist in accommodating off-cycle applicant.

Our program strengths include:

- State of the art MEG system
- Exposure to both pediatric and adult MEG
- Pediatric and adult epilepsy surgery programs with high volumes of intracranial EEG cases including robotic SEEG and MR guided laser interstitial thermal therapy
- A collegial academic atmosphere with research opportunities in MEG and epilepsy
- Great mentorship with frequent and close faculty interactions

To apply, please forward an electronic copy of your CV via email to michael.e.funke@uth.tmc.edu. Additionally, we would ask for **2 letters of recommendations** prior to the interview.

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