

Fellowship: Clinical Neuroimaging
Facility Name: The State University of New York at Buffalo
Year Established: 2004
Department Chair: Robert Sawyer, MD
Fellowship Director: Eric Lindzen, MD, PhD
Neuroimaging Faculty: Eric Lindzen, MD, PhD; William Kinkel, MD;
Laszlo Mechtler, MD; Mark Hekler, MD; David Hojnacki, MD

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Number of Positions: 1-2

Start dates: July 1 of each year.

Length of Program: 1 year

Affiliations: Buffalo General Hospital
Millard Fillmore Gates Hospital
Women and Children’s Hospital of Buffalo

Salary: \$ 46,500

Benefits: Health and malpractice insurance. 28 workdays per year may be used towards vacation and conference time. A 1200.00 conference fund is included for each fellow.

Imaging volume: Approximately 3000 MRI studies per year.

Patients: Outpatients with a wide variety of neurological conditions. Inpatient imaging studies are discussed at weekly Neuroimaging conference.

Triage level: Primarily we see challenging cases, including multiple sclerosis and other inflammatory disorders of the CNS. A wide variety of interesting inpatient cases from the tertiary care facilities served by our Neurological consultative services are also discussed at weekly Neuroimaging conferences.

Other educational: Semimonthly ASN-sponsored educational web conferences are conducted from this fellowship site. Weekly Neuroimaging journal club typically involves presentation and discussion of 2-3 papers by fellows and residents on topics of their choice. Fellows prepare and present lectures on topics of their choice to residents as well as one grand rounds during the fellowship year.

Elective opportunities: Fellows may rotate at the Dent Institute as well as gain experience with Doppler ultrasound and PET.

Research opportunities: Fellows are expected to conduct research leading to an abstract presentation at a national meeting or publication in a refereed journal.

Number of graduates since inception: 6

Notes: Our Clinical Neuroimaging Fellowship is one of 5 such academically affiliated fellowships in the country. During the course of our one year fellowship, supervised final clinical interpretations of over 1000 MRI and CT studies will be performed per fellow. Modalities include MRI of the brain and spine, magnetic resonance spectroscopy, magnetic resonance angiography, and CT angiography. Extensive opportunities for teaching are available as an option, in the context of a vibrant medical school teaching environment and a large Neurology residency program. A stipend at the PGY-5 level as well as free medical malpractice and health insurance will be provided. Weekends are free and there are no call obligations. Fringe benefits also include a 2000.00 book and travel fund.

At the discretion of the applicant, research projects may be undertaken in collaboration with the Buffalo Neuroimaging Analysis Center, a world-class facility engaged in the research and development of novel protocols and imaging markers for neurological disease, including multiple sclerosis, neurodegenerative disorders, and stroke. Additional funding of up to 20,000.00 is available for exceptional research projects through several charitable foundations affiliated with the Jacobs Neurological Institute.

Upon completion, graduates will meet the credentialing guidelines for the performance of final clinical

interpretations of Neuroimaging studies as established by the American Academy of Neurology and should be eligible to sit for the Neuroimaging Certification Examination offered by the United Council for Neurologic Subspecialties, a credentialing society closely affiliated with the AAN. Fellowships are being offered for the following start dates: July 1, 2010 and July 1, 2011. Eligibility: Completion of an ACGME-accredited Neurology residency program prior to the start of fellowship.