



Clinical Neurotechnology Research Assistant at Massachusetts General Hospital

We are seeking a motivated, energetic, responsible individual with an interest in neurotechnology to join a leading team of physicians, scientists, and engineers at the Massachusetts General Hospital, a teaching affiliate of Harvard Medical School, in the full-time role of Clinical Neurotechnology Research Assistant (CNRA) for our ongoing brain-computer interface research. The goal of our research is to develop and test the safety of a brain-implantable neural interface system (BrainGate2; www.braingate2.org), intended to allow people with physical disabilities to control a computer or other assistive device simply by imagining the movement of their own hand.

The successful candidate will be on the front lines of this research, working with clinical trial participants with paralysis in their homes, and performing duties in concordance with FDA regulations and the investigational plan. In addition to collecting primary clinical data, the CNRA will work closely with a leading translational neuroscience group at Brown University in further developing effective brain-computer interfaces for persons with paralysis and limb loss.

Prerequisites:

- ★ Undergraduate degree (B.A. or B.S.) required, with undergraduate major or advanced coursework in biology, neuroscience, pre-medical studies, or engineering. Applicants with advanced degrees or experience are encouraged to apply as well.
- ★ Total comfort in Microsoft Windows environments, including ability to troubleshoot simple computer problems independently.
- ★ Extraordinary interpersonal skills, with excellent writing and communication skills in the English language.
- ★ Superb organizational skills and ability to document research activities.
- ★ Excellent problem-solving skills, ability to work independently with little supervision, and ability to coordinate activities with collaborating researchers.
- ★ Two-year commitment is required. One position available immediately; a second position may be available beginning in Summer 2010.
- ★ Travel within a 2 hour radius of Boston or Providence is required two to four times weekly.

Advantageous skills:

- ★ Prior experience using Matlab
- ★ Comfort in Apple OS environment
- ★ Computing technical support

Salary will be commensurate with experience. The MGH has been named the "Best Place to Work in Academia" by The Scientist magazine. EOE/AA.

Individuals should apply online at www.massgeneral.org/jobs