

**Postdoctoral position in the Haber laboratory
McLean Hospital/Harvard Medical School
Belmont, MA**

The Haber laboratory at McLean Hospital seeks a postdoctoral fellow with a background in neuroscience with a particular interest in circuitry.

We are a translational neuroscience laboratory that uses a multidisciplinary approach to: 1) delineate anatomic connections of prefrontal cortex and basal ganglia that underlie motivation and decision making, 2) and link the neurocircuits to structural and functional networks, 3) use this data to develop connectivity profiles in the human brain to determine how circuit abnormalities in obsessive compulsive disorder, addiction, and depression are related to specific connections, and 4) in collaboration with clinical groups, identify potential targets for invasive and non-invasive circuit-based therapeutic approaches. We use a combination of anatomic tracing data, computational tools, and imaging (diffusion MRI, and resting state MRI in both animals and humans) to model neural network interactions. The successful applicant will join a vibrant and collaborative laboratory and scientific community at McLean Hospital. (S)he will have full access to the diverse research, financial, and career development opportunities offered through both McLean Hospital and Harvard Medical School as a Research Fellow in the Department of Psychiatry at Harvard Medical School.

McLean Hospital is a comprehensive psychiatric hospital committed to providing easy access to superior quality, cost-effective mental health services in the Boston area, Massachusetts and beyond. Since 1811, McLean Hospital has been a world leader in the treatment of mental illness and chemical dependency, research into the cause of mental illness and the training of generations of mental health care providers. McLean's multidisciplinary programs treat a broad range of psychiatric illnesses across the full continuum of care.

There are many opportunities for education and growth in our multidisciplinary, collaborative research environment at McLean Hospital that brings together a diverse group of neurobiologists, clinicians, psychologists and statisticians. Please see <https://www.mcleanhospital.org/research>

Responsibilities:

Major job duties may include microscopic, diffusion and/or resting state MRI analyses, and computer analyses.

Qualifications:

PhD or MD/PhD in neuroscience or related discipline, as well as good computer skills. The following experience is preferred:

- Circuitry
- Computational neuroscience
- Imaging (Diffusion MRI and/or Functional MRI)

How to apply:

Interested applicants should send a cover letter, CV, and contact information ((including phone numbers, email addresses) for three reference letters to shaber@mclean.harvard.edu. The position is full-time with excellent benefits. Salary will be commensurate with experience and follow NIH guidelines.

McLean Hospital, an affiliate of Harvard Medical School, is an Equal Opportunity Employer. It is the policy of McLean Hospital to affirmatively provide equal opportunity to all qualified applicants for employment and existing employees without regard to their race, religion, color, national origin, sex, age, ancestry, protected veteran status, disability, sexual orientation, gender orientation or any other basis that would be in violation of any applicable law or regulation.

A member of MassGeneralBrigham.