

## BRIGHAM AND WOMEN'S HOSPITAL POSITION DESCRIPTION

**JOB TITLE:** Postdoctoral Fellow

**DEPT:** Medicine (and Psychiatry or Neurology)

**REPORTS TO:** Director of Research, Division of Women's Health/Connors Center for Women's Health & Gender Biology;  
Director, Clinical Neuroscience Laboratory of Sex Differences in the Brain (CNL-SD)

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### GENERAL SUMMARY:

We are recruiting a postdoctoral fellow to work in the CNL-SD (<http://cnl-sd.bwh.harvard.edu>) whose expertise is in affective or cognitive neuroscience or in clinical or other fields of psychology conducting research in these areas. If a clinician, clinical service opportunities are available. Brigham and Women's Hospital has as its academic affiliation, Harvard Medical School.

### Job Description

This position requires the individual to have expertise in functional MRI. Experience with psychiatric disorders is preferable. Knowledge of paradigm development, data analytic software (e.g., SPM, FSL), and statistical underpinnings of fMRI are required.

Responsibilities of this position include analyses of fMRI studies of the stress response, mood and anxiety, and hormonal responses; fetal programming of sex differences in mood and psychotic disorders; and implementation and analyses involved in a new neurostimulation study of mood and autonomic nervous system function. Thus, the position includes implementing methods for the analysis of fMRI data; developing project-specific methods when necessary (i.e., ROI analysis); utilization of advanced statistical methods to analyze fMRI, psychophysiological and serology data; preparation of manuscripts for publication; preparation of study findings and presentation at professional meetings; review and summarization of relevant literature for manuscript background and grant preparation; supervision of research assistant working on the study.

There are many opportunities for education and growth in multiple domains in which we operate: neuroendocrinology, further neuroimaging training, neuroanatomy, neuro-immune interface. We collaborate with world-class scientists who are part of Brigham and Women's Hospital, Massachusetts General Hospital, and others outside of the Harvard system.

## Requirements

Applicant should have a PhD or ScD in clinical psychology, neuropsychology, and/or neuroscience or have an MD with fMRI expertise. We are committed to diversity, and qualified women and minorities are strongly encouraged to apply.

Please email a CV, cover letter of interest, 2-3 written references, and a **brief** writing sample to Ms. Abby Brockman, ([abrockman@partners.org](mailto:abrockman@partners.org)), Administrative Assistant to Jill Goldstein, PhD, Professor of Psychiatry and Medicine, Harvard Medical School, Director of Research, Connors Center for Women's Health and Gender Biology, Brigham and Women's Hospital, Boston, MA 02120.