

NIH Fetal Brain Research Laboratory Seeking Post-Doctoral Fellow in Developmental Brain Science

Detroit & San Francisco based research

Overview

We are seeking a post-doctoral fellow as part of an NIH funded research project that uses MRI techniques to examine neural networks prior to and at the time of birth. The fellow will direct longitudinal data collection in the San Francisco Bay Area, beginning with MRI scanning during pregnancy and continuing with MRI examinations through early infancy. In parallel, the fellow will leverage an existing data set to test hypotheses linking early brain biomarkers to neurobehavioral development, using data collected in children across the first 5 years of life. The project PI is Dr. Moriah Thomason, more info at: www.brainnexus.com.

The position includes ample RA support and collaborations with graduate students and faculty.

Essential Functions

- Overseeing collection of research data from MRI/fMRI visits (fetal and infant MRI)
- Responsibility for neuroimaging data (e.g., file transfers, back ups, data security, quality)
- Coordinating and scheduling study visits
- Assisting with IRB paperwork and ensuring compliance with all standards set by the university for human participant research
- Managing participant trackers and patient medical records, while in full compliance with protection of human subjects and matters of confidentiality
- Data analyses, conference presentations, manuscript preparation

Qualifications

- Background in developmental neuroscience research
- Experience in functional MRI, functional connectivity, or DTI
- Programming skills (e.g., Matlab, x11; preferred)
- Expertise in statistics
- A promising publication record
- Applicants must have a PhD or MD

To Apply

Applicants should send statement of research interests and CV via email with subject heading “postdoctoral fellowship applicant” to Dr. Janessa Manning at janessa.manning@gmail.com.

