



## SEEKING FULL-TIME NEUROSCIENCE & EDUCATION RESEARCH ASSOCIATE

### SETTING AND LOCATION

This is a joint position between University of California San Francisco (UCSF), Stanford University, and Synapse School. **UCSF** (San Francisco, CA) and **Stanford University** (Stanford, CA) are premier research, clinical and teaching institutions, ranked within the top 5 by US News for neuroscience research and education. **Synapse School** (Menlo Park, CA) is an innovative K-8 independent school located in the heart of Silicon Valley dedicated to rethinking and reimagining education. Synapse's program provides a deep and unique range of integrated academic, social, and creative experiences to help children use their hearts and hands to unleash their passion for learning. While primary position will be situated at brainLENS (brainlens.org) laboratory (PI: Dr. Fumiko Hoeft) at UCSF Department of Psychiatry and Weill Institute for Neurosciences, the research associate will be supervised jointly by Hoeft, Stanford's Dr. Bruce McCandliss and Head of Synapse School Jim Eagen.

### POSITION DESCRIPTION

We are seeking a research associate to help a new initiative "**UCSF-Stanford Brain-Mobile @ Synapse**", a first-of-its-kind, prototype neuroscience lab that is accessible to students. The Brain-Mobile and accompanying programs will include, but are not limited to:

- **Innovative scientific research with UCSF and Stanford cognitive neuroscientists**
  - Use electroencephalography (EEG) technology, cognitive measures as well as other accessible neuroscientific tools such as eye-tracking, pupillometry, skin conductance, primarily in the schools, to investigate questions surrounding motivation, socio-emotional skills, and skill learning such as reading and math.
- **Neuroscience education**
  - **Science classes** to K-8 students (such as brain dissection classes, cognitive neuroscience 101 workshops, research demonstrations, etc.)
  - **Junior scientist training** to older students who will participate as research assistants and develop critical thinking skills, build technical skillsets, and foster community relationships
  - **Research immersion** to younger students who will learn about research by participating as subjects

### RESPONSIBILITIES INCLUDE THE FOLLOWING

- Serve as a liaison between the 3 Brain-Mobile Lab sites (UCSF, Stanford, and Synapse)
- Coordinate neuroscience education and scientist training days at Synapse
- Hold parent, teacher, and staff information sessions as needed
- Manage the collection, flow, and storage of data from research projects

### QUALIFICATIONS

A competitive candidate for this position will be someone who has received integrated training in experimental research and teaching (such as graduating from a Mind Brain and Education program). The position is ideal for anyone considering further graduate study in cognitive science, developmental psychology, education, neuroscience, or related fields. Preference will be given to those candidates who are self-motivated and demonstrate the desire to work with children and families, and the ability to be flexible as needs arise.

The following are specific, required qualifications for this position:

- Undergraduate and/or graduate degree(s) in science and related fields and/or education and related fields
- Ability to commute within the Bay Area (**NOTE:** The candidate **MUST** be able and willing to travel to and between UCSF (San Francisco, CA), Stanford (Stanford, CA), and Synapse School (Menlo Park, CA). Per California law, commute time is unable to be counted as paid, working hours).
- Prior experience working with children
- Prior experience in research labs and/or education settings

#### **APPLICATION PROCESS**

Applicants should email a cover letter of interests, three names of references with contact information, and a resume/CV to [brainLENS@ucsf.edu](mailto:brainLENS@ucsf.edu) with "[Your Name] brain-mobile RA" in the subject line. Candidates may be asked to come in for interviews and provide letters of recommendation as next steps. Please feel free to contact us if you have any questions.

*UCSF, Stanford, and Synapse School do not discriminate in employment opportunities or practices on the basis of race, color, religion, sex or sexual orientation, national origin, age, disability and familial affiliation or any other characteristic protected by law. All applicants must be currently authorized to work in the United States.*