

-SEEKING POSTDOCTORAL SCHOLARS AND RESEARCH SCIENTISTS-

Postdoctoral/Research Scientist Position at the University of California, San Francisco (UCSF) in California, USA

The Hoeft Neuroscience Lab (<http://brainLENS.org> PI: Fumiko Hoeft MD PhD) at the UCSF Dept of Psychiatry and Weill Institute for Neurosciences is seeking a full-time postdoctoral fellow / research scientist with expertise in neuroimaging and a doctoral degree in computer science, biomedical engineering, neuroscience, cognitive psychology, or related field. The University of California, San Francisco is a premier biomedical research institution, ranked second in the world for Neuroscience and Behavior by US News. Candidates with experience in signal processing (machine learning, network analyses, big data approaches, AFNI, etc.), multimodal imaging (fMRI, sMRI, DWI, EEG, MEG, TMS), neurolinguistics and behavioral genetics are particularly encouraged to apply. The candidate will be involved in a wide range of ongoing projects as well as analyses and write-ups of archival data sets/big data analytics related to healthy brain development, language and literacy, dyslexia and autism. The position is also a fantastic opportunity to adopt leadership roles and learn how to run a lab (through grant writing, leading large-scale multi-site projects, and supervising other personnel and global collaborators on imaging and non-imaging related processing and analyses of data).

Preference is given to candidates who can start immediately (summer 2017). Interested candidates should email brainlens@ucsf.edu with "[Postdoc job]" and the applicant's full name in the subject of the email, with (1) a current CV, (b) a one-page cover letter describing qualifications, interest, and career goals, and (c) a list of 3 potential referees with their contact information attached.

Neuroscience of Language Postdoctoral Position at the University of California, San Francisco (UCSF) in California, USA

The Hoeft Neuroscience Lab (<http://brainLENS.org> PI: Fumiko Hoeft MD PhD) at the UCSF Dept of Psychiatry and Weill Institute for Neurosciences is looking for a full-time postdoctoral fellow for the 'Intergenerational Neuroimaging of Language and Reading Networks' project, which uses a 'natural' cross-fostering family design to partially dissociate the effects of genetics, prenatal, and postnatal environment on the human neural systems that underlie language processing. Related articles on this approach in different domains can be found here: Yamagata et al. J Neurosci 2016 (<http://goo.gl/vMK8iy>), Ho et al. Trends in Neurosci 2016 (<http://goo.gl/SyXLcK>), and Scientific American (<http://goo.gl/YTiH6D>).

The successful candidate must have a PhD in Cognitive Psychology, Cognitive Neuroscience, Computer Science, Biomedical Engineering, Genetics, Linguistics or a closely related field, experience in neuroimaging, excellent foundational skills in computation, programming and mathematics/statistics, and exceptional organizational skills. Candidates with experience in neurolinguistics or behavioral genetics are particularly encouraged to apply. Compensation is ABOVE the NIH pay scale for postdoctoral fellows. Appointments are made on an annual basis with the ideal candidate interested in staying for a least 2 to 3 years. Postdoctoral fellows are represented by UC Postdoc Union and enjoy competitive benefit packages.

The Hoeft Neuroscience Lab is an interdisciplinary research environment that applies cutting-edge neuroimaging techniques, genetic analysis, and computational approaches to examine language development processes, the etiology of neurodevelopmental disorders and the impact of diverse linguistic environments (e.g. bilingual education) on development. The successful candidate will have the opportunity to be involved in other research projects in the Laboratory, outreach and community engagement projects, and access to a wealth of archival developmental and longitudinal neuroimaging data

on language and literacy.

The position can begin immediately. Interested candidates should email brainlens@ucsf.edu with "[Postdoc job]" and the applicant's full name in the subject of the email, with (1) a current CV, (b) a one-page cover letter describing qualifications, interest, and career goals, and (c) a list of 3 potential referees with their contact information attached.

The University of California, San Francisco is a premier biomedical research institution, ranked second in the world for Neuroscience and Behavior by US News. UCSF has outstanding resources for cognitive neuroscience research, including a research-dedicated Siemens Prisma 3T MRI scanner in addition to shared 3T and 7T GE scanners, MEG and TMS equipment. The laboratory enjoys close collaborations with other research groups in the Bay Area, and national and international collaborations.

The San Francisco Bay Area is a vibrant, multi-cultural city, ranked one of the most walkable cities in the US. In addition to the area's outstanding cultural attractions and cuisine, the unique beauty of redwood forests, coastal cliffs, wine country and natural preserves is less than an hour from the city.

Postdoctoral scholars from our lab have gone onto a range of faculty and director positions at institutions such as Boston College, University of Connecticut, Stanford University, and University of Texas.