POST-DOCTORAL POSITIONS IN MOUSE IN VIVO PHYSIOLOGY, IN VITRO PHYSIOLOGY, AND MULTISENSORY BEHAVIOR

Department of Otolaryngology-Head and Neck Surgery, University of California San Francisco

The lab of Andrea Hasenstaub at the UCSF Department of Otolaryngology – Head and Neck Surgery is seeking creative, productive, and motivated PhD scientists to join two projects:

- The neural circuitry supporting behavioral and neural cross-modal interactions in the mouse auditory cortex.
- The circuit and cellular basis of sensory plasticity following interneuron precursor transplant (joint with the Alvarez-Buylla and Stryker labs)

Both projects combine in vivo physiology, in vitro physiology, behavior, circuit dissection tools such as optogenetics, and long-term manipulations of the sensory environment, but applicants need not be familiar with all techniques. Applicants will join a vibrant, interactive and diverse auditory and systems neuroscience community with frequent cross-group interactions including joint lab meetings, journal clubs, and many jointly mentored trainees.

Experience in one or more of auditory psychophysics, behavioral neuroscience, in vivo physiology and analyses, or in vitro physiology (patch clamp in acute slices) and analyses are essential. Experience with transgenic mouse lines, histology/anatomy, and/or modern circuit dissection techniques will be helpful but not required. First-author publications (or manuscripts in press) are required, along with the interest and capacity to obtain postdoctoral fellowships. Candidate should be self-motivated, curious, enthusiastic, prepared to work in a collaborative environment, and committed to rigorous, reproducible science. We welcome candidates from diverse backgrounds.

If you are interested, please check out these recent publications:

- https://www.sciencedirect.com/science/article/pii/S2211124716308403
- https://www.biorxiv.org/content/biorxiv/early/2020/01/21/2020.01.14.906941.full.pdf
- https://www.jneurosci.org/content/jneuro/39/38/7529.full.pdf
- https://www.jneurosci.org/content/jneuro/38/11/2854.full.pdf

To apply, please send CV and statement of interest to andrea.hasenstaub@ucsf.edu .