

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

Department of Physiology and Biophysics

Accepting applications for the position of Professional Research Assistant

Neuroscience and/or Bioengineering

A Professional Research Assistant position is available immediately with opportunity in the lab of [Dr. Gidon Felsen](#) and (recently added) the [Optogenetics and Neural Engineering \(ONE\) Core](#). Based on qualifications and lab need, the position may be split between the core and the lab. The ideal candidate has a background in neuroscience and/or engineering. Eagerness and ability to quickly learn new concepts are highly important.

Note that these examples represent the wide range of opportunities available in the lab/core; a qualified individual may not be required to perform all of these functions, and may even create new opportunities.

Example of Work:

- Data analysis, primarily using Matlab, and/or Python
- Programming behavioral control protocols, using Matlab and/or Arduino
- Computer hardware/software troubleshooting and repair
- Optical system design and fabrication for use in optogenetics experiments
- Embedded systems design
- Ordering and tracking lab supplies
- Calibrating and maintaining lab equipment
- Managing a mouse colony
- Performing behavioral experiments
- Histology
- Stereotaxic surgeries

Minimum Qualifications:

- A BA or MA in neuroscience, psychology, biology, engineering, or a related field from an accredited institution is required

Preferred Qualifications:

- Experience with microcontrollers and/or embedded systems (e.g., Arduino, Raspberry Pi)
- Coding experience (e.g., Matlab, C, Arduino, Processing)
- Experience with lab protocols such as histology, stereotaxic surgery

To review the full position announcement and apply online, applicants should visit www.cu.edu/cu-careers and search for [Job Number 10762](#) at under “Search for Career Opportunities” or use the (hopefully static) link below.

Felsen Lab Link:



Job Posting:



ONE Core Link:

