

## ENGINEER/SCIENTIST IN OPTICS

**Open date:** July 18, 2018

**First review date:** Aug 1st, 2018

Applications received before this date will be considered together in the first pool. Applications received after this date will be reviewed as received until the position is filled.

## DESCRIPTION

The laboratory of Spencer LaVere Smith (<http://slslab.org/>) at UCSB is a neuroscience and neuroengineering laboratory. One major project in the lab is an NSF-funded NeuroNex project called the Nemonic (NEx generation MultiphOton NeuroImaging Consortium) project. This is a multi-disciplinary group of neurobiologists and engineers developing new technology for imaging brain activity.

**We are actively seeking an Engineer/Scientist for the Nemonic project.**

Build next-generation multiphoton imaging systems for neuroscience. No biology experience required. We will train you on the more specialized aspects of the instrumentation. You will lead project efforts to design, assemble, test, troubleshoot, and optimize state-of-the-art optical and electronic instrumentation for multiphoton brain imaging. You'll put your excellent communication skills to use as you lead training sessions and workshops with consortium members and vendors. You will work alongside other leading researchers and industry experts across an array of institutions and companies including UCSB, Boston U., Johns Hopkins, Thorlabs, Coherent, and more. This is an excellent opportunity to build and showcase your skills, and network broadly across academia and industry.

Qualified candidates will have at least an undergraduate degree in a technical field (e.g., engineering, physics, neuroscience), experience with optics, and excellent communication skills.

Our ideal candidate will have an advanced degree (e.g., MS, PhD), and experience with electronics, ultrafast lasers, Zemax, and programming (e.g., LabVIEW, MATLAB, and/or Python). For more information, email Spencer LaVere Smith at [sls@slslab.org](mailto:sls@slslab.org).

Salary is competitive, and dependent on experience, qualifications, and hiring level. The UCSB salary scales may be found at <https://ap.ucsb.edu/compensation.and.benefits/ucsb.salary.scales/>

To apply, submit these materials to Spencer LaVere Smith at [sls@slslab.org](mailto:sls@slslab.org).

- 1) An updated CV
- 2) A brief cover letter
- 3) Three references (contact information only).

Submit completed application by Aug 1, 2018 for primary consideration. Applications received later will be reviewed ad hoc if the position is not yet filled.

The University of California is an Equal Opportunity/Affirmative Action Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

## JOB LOCATION

Santa Barbara, CA