Postdoctoral Associate Position in Shortwave Infrared Imaging
Sletten Group, University of California, Los Angeles

Project Description:
We have a NIBIB-funded postdoctoral position available to advance imaging in the shortwave infrared region (SWIR) of the electromagnetic spectrum. The position will involve optimizing SWIR contrast agents and evaluating these contrast agents in cell culture and animals using a custom optical imaging setup. Expertise in microscopy and imaging in cellular and/or animal models is desired. Experience in optimizing optical configurations is also desired. Organic chemistry skills are not required.

Qualifications:
This position is for a postdoctoral associate and applicants must have a PhD in Chemistry, Chemical Biology, Biomedical Engineering or other similar degree by the agreed upon start date of the position. A track record of critical thinking and solving complex problems with a high degree of scientific rigor is the most important qualification. Preference will be given to candidates with a strong background in imaging, animal work and/or optics/instrumentation. However, expertise in organic synthesis and formulation development are relevant to this project and will also be considered.

About The Sletten Group:
The Sletten Group is an interdisciplinary group in the Department of Chemistry and Biochemistry at UCLA. We exploit the tools of physical organic chemistry to develop new methods to control and study chemistry in vivo. The interdisciplinary nature of the group allows trainees to gain widespread knowledge in diverse areas. Prof. Sletten is dedicated to educating her trainees not only on experimental design and techniques, but also on how to be excellent mentors and communicators. Postdoctoral associates will have opportunities to mentor junior students within the group and attend conferences and workshops to expand their scientific networks.

About UCLA:
UCLA, located on the west side of Los Angeles, CA, has been ranked the top public university in the United States and is consistently ranked as a top 10-institution world-wide. The Department of Chemistry and Biochemistry is composed of 1500 undergraduates, 350 graduate students, 130 postdoctoral associates, and 60 faculty and has a long history of successful and innovative teaching and research including 3 Nobel laureate alumni. UCLA is currently ranked 8th in the US News and World Reports ranking of global university chemistry programs.

How to Apply:
To apply, please send a cover letter, cv, and research summary to Prof. Sletten (Sletten@chem.ucla.edu). The position will remain open until filled. It is available immediately but start dates are open for discussion with Prof. Sletten.