

## **SSRL Biological Environmental Research XAS Bioimaging Science**

SLAC National Accelerator Laboratory invites applications for a 3-year post-doctoral scholar position in the Structural Molecular Biology (SMB) group at the Stanford Synchrotron Radiation Lightsource (SSRL), working with Dr. Ritimukta Sarangi. The postdoctoral scholar would work closely with other SMB staff scientists to develop selected collaborations and new projects, with users/scientists in BER's larger scale centers (including EMSL, JGI and the Bioenergy Research Centers). To help achieve this goal, the postdoc would assist the external scientists in defining the study, with writing the access proposal, with advice on sample preparation, in the performance of the experiments, and in data analysis and interpretation through the publication of the work. The focus will be on synchrotron-based microXAS imaging and tomography, augmented with standard x-ray spectroscopy and EXAFS.

### **Required Qualifications**

A Ph.D. in Chemistry, Physics or Biological Science with strong focus on synchrotron techniques is desired. The candidate should have experience in microXAS imaging and tomography. Experience with biological imaging is a strongly favored.

- Experience in x-ray spectroscopy, especially x-ray absorption (XAS) and extended x-ray absorption fine structure (EXAFS) is favored.
- Experience in cryo-EM is a bonus.
- Strong analytical and computational skills.
- Effective written and verbal communication skills.

Please send a letter with CV and list of publications to Ritimukta Sarangi, email: [ritis@slac.stanford.edu](mailto:ritis@slac.stanford.edu)