



Staff Scientist in biological small angle x-ray scattering at Stanford Synchrotron Radiation Lightsource.

The Structural Molecular Biology (SMB) Division at the Stanford Synchrotron Radiation Lightsource (SSRL), Stanford University, a national user research facility and a Directorate of the SLAC National Accelerator Laboratory, has an immediate opening for a highly motivated Ph.D. scientist with a strong experimental background in physicochemical studies of biological macromolecules using synchrotron x-ray scattering techniques. We are seeking a highly self-driven individual who will be expected to play a key role in methodology and instrumentation developments, daily operation of a small-angle x-ray scattering (SAXS) beam line as well as collaborative research under supervision of a senior scientist. The successful candidate will join the BioSAXS team which supports and further develops the SAXS instrument at the beam line 4-2 at SSRL to provide access to state-of-the-art experimental facilities for biological small angle x-ray scattering to a large national and international scientific user community.

Duties include:

- Play a key role in new methodological and technological developments in structural biology and biophysics using small- and wide-angle x-ray scattering techniques
- Engage in collaborative research projects that take advantage of the instrumentation available at BL4-2
- Participate in the daily operation and maintenance of an insertion-device small angle x-ray scattering facility dedicated to structural studies on mostly non-crystalline biological systems
- Engage in user support and training at the beamline and actively participate in scientific workshops and outreach programs organized by the BioSAXS team at SSRL

QUALIFICATIONS:

REQUIRED:

- Ph.D. in biophysics, physical biochemistry, biophysical chemistry, structural biology or a closely related field and 5 years of relevant post Ph.D. experience.
- Demonstrated experimental skills in protein or nucleic acid physical chemistry and x-ray scattering/diffraction techniques.
- Considerable experience in instrument development
- Ability to work in a team environment
- Possess excellent communication and interpersonal skills to work effectively with a diverse group of scientists, technical staff as well as external users

DESIRED:

- Postdoctoral research or comparable training in a related field
- Familiarity with standard analysis software packages and methods for biological small angle scattering data analysis
- Prior experience with Python programming for data analysis and instrument control

To apply, please send your CV and Cover Letter to Evelyn Castaneda (evelync@slac.stanford.edu).

For additional information on our research activities, please visit <http://www-ssrl.slac.stanford.edu/~saxs/> or contact Dr. Thomas Weiss at weiss@slac.stanford.edu. Please send your CV, cover letter and the names of three references to Ms. Evelyn Castaneda at the email address above.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty and academic staff. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the University's research, teaching and clinical mission.

Stanford University has provided a pay range representing its good faith estimate of what the university reasonably expects to pay for the position. The pay offered to the selected candidate will be determined based on factors including (but not limited to) the experience and qualifications of the selected candidate including equivalent years since their applicable education, field or discipline; departmental budget availability; internal equity; among other factors. Note: Pay Transparency law will apply to AS-Rs who are appointed as well as those who are hired into the roles.