

Faculty Position in Structural Biology
Purdue University

The Department of Biological Sciences and the Markey Center for Structural Biology at Purdue University invite applications for a tenure-track faculty position in Structural Biology. We expect to fill this academic-year appointment at the Assistant Professor level, but appointment at the Associate level will also be considered. Applicants must have a Ph.D. or equivalent in biology, chemistry, physics or related field and at least 2 years of postdoctoral experience in X-ray crystallography, cryo-EM, NMR or other relevant field. The successful applicant will be required to establish a strong and independent research program in structural biology and to teach at the undergraduate and graduate levels. Applicants with research interests in cancer biology, drug discovery, energy & signal transduction, infectious disease, large macromolecular complexes, membrane-based transport, molecular pathogenesis, neurobiology, viruses or viral-host interactions are encouraged to apply.

The Markey Center for Structural Biology at Purdue is recognized worldwide for its leadership in structural biology of viruses, membrane proteins, receptors, signaling proteins and enzymes in addition to methods development in crystallography, NMR and electron microscopy. The Department has over 50 faculty members conducting research in a wide range of fields including those areas listed above, bioinformatics, computational chemistry and biology, ecology, evolutionary biology and vision research. The successful candidate will have opportunities to interact with colleagues in many departments and colleges including Chemistry, Medicinal Chemistry and Molecular Pharmacology, Computer Science and Physics, and to join centers such as the Center for Cancer Research and the new Center for Drug Discovery. The successful candidate will also have laboratory space in the newly constructed Hockmeyer Hall of Structural Biology and will have access to state-of-the-art shared resources across Purdue including a Titan Krios cryo-TEM, Bruker Avance-III 800 MHz NMR, Rigaku X-ray generators and detectors, and other advanced biophysical instrumentation available at the Bindley Bioscience Center and the Birck Nanotechnology Center.

Applications must be submitted electronically to <https://hiring.science.purdue.edu> as a PDF file that includes a detailed curriculum vitae, names and addresses of three referees, a 2 - 3 page summary of research interests, and a one-page statement on a vision for teaching. Inquiries should be directed to **Structural Biology Search Committee, Department of Biological Sciences, Purdue University, 915 W. State St., West Lafayette, IN 47907-2054**. Review of applications will begin **November 1, 2013** and continue until the position is filled. A background check will be required for employment in this position. Further information about the Department is available at <http://www.bio.purdue.edu/>.

Purdue University in an Equal Opportunity/Equal Access/Affirmative Action employer fully committed to achieving a diverse workforce.