

Faculty Position in Structural Biology Purdue University

The Purdue University Department of Biological Sciences in conjunction with the Center for Cancer Research and the Walther Cancer Foundation are seeking an outstanding scientist with a proven track record of excellence in the science of cancer structural biology to join our faculty as a Walther Professor in Structural Biology. A Walther Professor is expected to conduct research in the area of structural biology to address fundamental questions in cancer biology; teach undergraduate and/or graduate students, and participate in ongoing programs in the Department of Biological Sciences and the Center for Cancer Research. Preference will be given to candidates utilizing modern cryo-EM approaches combined with other structural approaches such as X-ray crystallography to determine structures of cancer-relevant macromolecules and macromolecular complexes, and/or X-ray crystallography of cancer-relevant drug targets as part of a structure-based drug design program. Candidates should hold the rank of associate or full professor and have a PhD in Biological Sciences or related field, have an excellent track record of publications and extramural funding and a strong commitment to excellence in teaching.

The Department of Biological Sciences offers a dynamic research environment in structural biology research and education. The Markey Center for Structural Biology at Purdue is recognized worldwide for its leadership in structural biology of viruses, membrane proteins, receptors, signaling proteins, enzymes and nucleic acids in addition to methods development in X-ray crystallography, cryo-electron microscopy and NMR. The Purdue Center for Cancer Research is among an elite group of NCI-designated Cancer Centers nationwide and one of only seven centers focused exclusively on basic and translational research. The Walther Professor will have laboratory space in the newly constructed Hockmeyer Hall of Structural Biology, which houses a Titan Krios cryo-TEM, X-ray generators and detectors, and crystallization and imaging robots. Other state-of-the-art shared resources across Purdue such as a Bruker Avance-III 800 MHz NMR and other advanced biophysical instrumentation are available through the Bindley Biosciences and Birck Nanotechnology Centers.

Applications must be submitted electronically to <http://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 of teaching experience and interests. Inquiries should be directed to search@bio.purdue.edu or **Structural Biology Search Committee, Department of Biological Sciences, Purdue University, 915 W. State St., West Lafayette, IN 47907-2054**. Confidential review of applications will begin immediately and will continue until the position is filled. Further information about the Department is available at <http://www.bio.purdue.edu/>.

A background check will be required for employment in this position. Purdue University is an ADVANCE institution and a dual career friendly employer.

Purdue University in an Equal Opportunity/Equal Access/Affirmative Action employer. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.