

# University of Pittsburgh Tenure-track Faculty Positions in the Department of Structural Biology

The University of Pittsburgh is conducting a broad faculty candidate search for creative individuals who use structural and biophysical methods to address fundamental biomedical questions. The ideal candidate will be motivated to explore applications of his or her structural expertise to disease related questions. We particularly encourage individuals with research activities in cryo-electron tomography for in situ structural biology and solid-state NMR spectroscopy to apply. At present, the cryo-EM facility in the Department comprises 3 Thermo Fisher (FEI) microscopes – a Titan Krios 3Gi equipped with a Falcon 3ec direct electron detector; a TF20 equipped with a TVIPS XF416 camera and Gatan cryoholders; and a T12 equipped with Gatan US 1000 and Orius CCD cameras. The University has committed funding for a Bioquantum/K2 to extend the Krios, and an Aquilos cryoFIB mill, and both will be installed in the spring of 2020. Additional accessory instrumentation is also available.

The NMR facility comprises seven Bruker NMR spectrometers ranging from 600-900MHz. Two of them have 89mm bore magnets at 600 and 750MHz, fully dedicated to state-of-the-art solid state experiments. The facility is overseen by a full-time manager. The department also possesses dedicated computing resources suitable for processing and storing large datasets.

The University of Pittsburgh is the fifth most highly ranked domestic institution of higher education in terms of NIH funding, and a very wide spectrum of collaborative opportunities exists. The research resources in the Department of Structural Biology and the intellectual environment at the University are truly extraordinary, from state-of-the-art instrumentation to expert support and creative investigators.

Applications at any rank are invited. Successful applicants are expected to develop and lead independent research programs that address important problems in biomolecular systems of wide scientific and medical interest. Competitive salaries and start-up packages will be offered. Applicants should hold PhD and/or MD or equivalent degrees and have demonstrable expertise and scholarly achievement in structural biology or biophysics. The proposed starting date is September 1, 2020 or thereafter. In order to ensure full consideration, applications must be received by Dec. 31, 2019. Application materials including the candidate's curriculum vitae, the names and contact information for three references, and a brief statement of research interests should be emailed to [dxd8@pitt.edu](mailto:dxd8@pitt.edu) or sent to:

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**EEO/AA/M/F/Vets/Disabled**