



# VANDERBILT UNIVERSITY

## FACULTY POSITION IN CRYO-ELECTRON MICROSCOPY

The Vanderbilt Center for Structural Biology (CSB) invites applications for a faculty position at any level (Assistant, Associate, or full Professor) in the area of cryo-electron microscopy. A Ph.D. or M.D. (or foreign equivalents), along with relevant postdoctoral experience, is required. Candidates are expected to develop an independent research program using state-of-the-art methods in single-particle cryo-electron microscopy or tomography. The position includes access to the Center for Structural Biology EM Facility, which houses a Titan Krios/Gatan K3 system, 300 kV FEI Polara/Gatan K2 system, 200 kV FEI F20/Gatan 4k x 4k CCD and Morgagni instruments.

The Center for Structural Biology is a trans-institutional organization that supports structural biology research, education/training, and outreach across the entire life science and medical research communities. It provides exceptional resources for all experimental and computational structural biology approaches. This appointment will be in the Basic Sciences Division of the Medical School, which houses four academic departments, eight interdisciplinary centers and institutes, twenty-seven service core facilities, and the Office of Biomedical Research, Education, and Training. The selection of department will be based on relevance to the candidate's research interest (Biochemistry, Cell and Developmental Biology, Molecular Physiology and Biophysics, or Pharmacology).

Vanderbilt University Medical School is located on the Vanderbilt University campus, and the School consistently ranks in the top 15 of US Medical Schools; it provides an outstanding environment for scholarship, collaboration, and teaching. Opportunities for collaboration exist with a number of major institutes and centers, including VI4 (the Vanderbilt Institute for Infection, Immunology, and Inflammation), the Vanderbilt-Ingram Cancer Center, the Diabetes Research and Training Center, the Vaccine Center, the Center for Arrhythmia Research and Training, the Neuroscience Institute, and the Institute for Chemical Biology.

The campus is located in the heart of Nashville, the capital of Tennessee, known internationally as "Music City USA". Nashville is also home to professional sports teams, the Nashville Symphony, the Frist Center for the Visual Arts, and numerous activities for outdoor enthusiasts. Nashville is a wonderful place to live, work, and raise a family.

Applicants should apply to Vanderbilt through Interfolio by following this link: <http://apply.interfolio.com/54391>. Please submit a *curriculum vitae*, two-page research plan, and arrange for three recommendation letters to be sent via Interfolio (information is provided in the link). **Applications received on or before December 1, 2018 will receive full consideration.** Vanderbilt University is an Equal Opportunity/Affirmative Action employer committed to recruiting and retaining an academically and culturally diverse community of faculty. Vanderbilt has a strong institutional commitment to diversity in all areas and particularly encourages applications from minorities, women, individuals with disabilities, and members of other underrepresented groups.