

## **Cryo-Electron Microscopy Facility Manager Position UT Southwestern Medical Center**

A permanent, full-time Cryo-EM Facility Manager position is available at the University of Texas Southwestern Medical Center at Dallas, TX, to manage the new high-resolution Cryo-EM Facility.

We seek applications from highly motivated individuals with experience in high-resolution cryo-electron microscopy and good technical familiarity with high-end transmission electron microscopes, specimen preparation methods, data acquisition software, image processing software, and with recent advances in electron microscopy.

Responsibilities for this position include:

- maintain the cryo-electron microscopes, ancillary equipment (including facility computing resource) and the facility (e.g. monitoring environmental conditions) in top working conditions for high-resolution structural studies;
- provide detailed user training (instruments, software and specimen preparation);
- provide continuous support for EM users during their scope operations;
- manage the cryo-EM facility (e.g. oversee facility policies and maintain electronic calendar system for instrument sign-up and an e-logbook for scope session logging);
- participate in cryo-specimen preparation, data collection and the development of new methods and techniques in cryo-EM single particle and tomography.

The Cryo-EM Facility has excellent institutional support and infrastructure, including a new state-of-the-art Titan Krios microscope with post-column energy filter, K2 Summit direct electron detectors and Volta Phase Plate; as well as an FEI Scios Dual Beam for cryo-FIB-ing (\*), a JEOL2200, and sample preparation equipment. [\* Please note that experience with Dual Beam/FIB is not required and Scios training will be provided by FEI.] The Cryo-EM Facility is housed in a newly constructed state-of-the-art building close to the separately run Core-TEM facility (with additional electron microscopes and auxiliary equipment) on the modern UTSW North Campus. UTSW provides an outstanding, supportive and collaborative environment for structural, molecular and cellular biology, with a range of enabling facilities, including x-ray crystallography, NMR spectroscopy, molecular biophysics, high performance computing, core electron microscopy and live cell imaging.

To apply please click on the following link: <https://academicjobsonline.org/ajo/jobs/6023>. Interested applicants should submit a cover letter describing their relevant experience, curriculum vitae, and contact information for at least three references. Applications will be reviewed until the position is filled. The annual salary will be commensurate with qualifications and experience. The position start date would preferably be Dec. 2015 or Jan. 2016. For more information please contact: Daniela.Nicastro@UTSouthwestern.edu (with "Facility Manager" in the subject line). The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.