



EMORY  
UNIVERSITY

## Emory Integrated Core Facilities

### Single Particle Cryo-EM Scientist Position at Emory University

The Robert P. Apkarian Integrated Electron Microscopy Core at Emory seeks to appoint an enthusiastic, motivated, and experienced single particle cryo-electron (cryo-EM) microscopist at the Scientist level. The Scientist will develop and support new service offerings in high-resolution single particle cryo-EM built around the ongoing installation of a FEI Talos L120C 120 kV TEM, and a FEI Talos Arctica 200 kV FEG-TEM with a Gatan BioQuantum energy filter and K2/K3 direct electron detector, within a newly renovated EM facility. The facility will enable research from existing investigators at Emory with established strengths in structural biology in the Department of Biochemistry, as well as investigators from across Emory and throughout Georgia. The Scientist and this facility will be strongly supported by the institutional commitment to continue advancement of single particle cryo-EM at Emory University. This position also offers the possibility for the Scientist to apply for grants to develop and support their own research program.

**QUALIFICATIONS:** A PhD is required with demonstrated experience in all aspects of high-resolution macromolecular structure determination using single particle cryo-EM, including sample preparation, image acquisition, and data processing and analysis. Strong communication, technical, and teaching skills are essential for this position. Previous collaborative experience and/ or user training in cryo-EM would be an advantage. Applicants should provide a brief statement of relevant research experience in single particle cryo-EM, a CV and three reference letters. Any inquiries should be sent to the contact below. This position is available immediately and applications will be reviewed until the position is filled.

Key responsibilities include, but are not limited to:

- 1) Provide excellent maintenance and operation of installed equipment to ensure high performance of the electron microscopes and generation of high quality single particle cryo-EM data.
- 2) Establish robust pipelines to support investigators in project development and provide outstanding service, including: training new users, facilitating negative stain and cryo-EM sample preparation and image acquisition, and providing guidance in data processing and analysis.
- 3) Work closely with the EM core advisory committee to identify future strategic opportunities for infrastructure investment or partnership with other research institutions.

Emory University is an Equal Opportunity/Affirmative Action/Disability/Veteran Employer. Emory University offers competitive compensation and benefits package covering health insurance, retirement benefits, and savings programs. This Scientist position additionally offers unparalleled stability. Enquiries regarding this position should be made to Michael E. Zwick ([mzwick@emory.edu](mailto:mzwick@emory.edu)), Assistant Vice President for Research, Robert W. Woodruff Health Sciences Center, Assistant Dean of Research, Emory University School of Medicine.

Further information about the position can be obtained at this link: [Cryo-EM Scientist](#)