

Electron Microscopy Imaging Specialist Position

BioCryo Facility - NUANCE Center | Northwestern University – Evanston, IL

The BioCryo Facility of NUANCE at Northwestern University is seeking a qualified and motivated Specialist to join the team. We operate several TEM's (JEOL 3200FS, JEOL 1400, JEOL 1230), a dedicated STEM (Hitachi HD2300), and a cryo-SEM (Hitachi S-4800 II) with ancillary equipment for sample preparation. As a part of NUANCE, the BioCryo Facility is embedded in a vibrant network of internal and external researchers and users from Life Sciences, Materials Science, Chemistry, Physics, and other areas of research.

The Electron Microscopy Imaging Specialist is involved in all aspects of the BioCryo Facility with a focus on collaboration and research. This includes user training and technical support on all BioCryo instruments and equipment, providing sample preparation and analytical services for both, internal and external clients, and development of new techniques and capabilities. The new team member will also be involved in course development and teaching of laboratory components of BioCryo related courses. The Imaging Specialist is also expected to maintain equipment and to contribute to equipment grant proposals.

Skills: Strong customer focus; Excellent communication skills, both written and oral; adept at project management; ability to work under pressure, prioritize and meet deadlines; ability to work independently and yet is an accomplished team player; ability to occasionally lift and move moderately heavy equipment; ability to occasionally work after hours or weekends. Preferably, candidates will have advanced working knowledge of BioCryo microscopy practice and theory; Materials Science or Biology background.

Minimum Qualifications: Associate degree in Materials Science, Engineering, Biology, Microscopy, or closely related field; 2+ year's work experience in a technical field in an academic or industrial setting; Working knowledge of electron microscopy (both TEM and SEM) and sample preparation techniques for room temperature and cryogenic samples. Preferably, 5+ years of experience in (cryo) TEM, and other electron microscopy techniques and 3+ years of user training experience.

Interested candidates will apply to the Northwestern [job board](#), Job ID: 42587

Northwestern requires all staff and faculty to be vaccinated against COVID-19, subject to limited exceptions. For more information, please visit our [COVID-19 and Campus Updates website](#).

The Northwestern campus sits on the traditional homelands of the people of the Council of Three Fires, the Ojibwe, Potawatomi, and Odawa as well as the Menominee, Miami, and Ho-Chunk nations. We acknowledge and honor the original people of the land upon which Northwestern University stands, and the Native people who remain on this land today.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Click for information on EEO is the Law.