Cryo-EM Center Director Position

The cryo-electron microscopy (Cryo-EM) Center at the Hauptman-Woodward Medical Research Institute (HWI) is a resource for academic and industrial users. The center features a Glacios 200 kV microscope with Falcon IV and CETA-D detectors, in a dedicated facility with a grid preparation laboratory, control room, and additional microscope rooms configured for growth. The Cryo-EM Center Director will be responsible for operational, scientific, and strategic oversight, including growth of the facility and implementing a robust and reliable cryo-EM imaging pipeline. We have a broad spectrum of projects, from basic research to drug discovery, and users with a wide range of cryo-EM expertise. This is an Institute-supported position. The position will be based in Buffalo, NY and will remain open until filled. Application review will begin immediately.

Responsibilities:

- Plan and manage all aspects of the operation of a state-of-the-art cryo-EM facility within the Institute and create an efficient research and service facility.
- Develop a service platform that enables users to obtain cryo-EM and micro electron diffraction data to address key scientific questions.
- Provide users with solutions and develop new capabilities as needed.
- Communicate with users during the planning and execution of projects, including capabilities presentations and project reports.
- Collaborate with Business Development to attract and retain academic and commercial users for the center.
- Collaborate with complementary resources including the National Crystallization Center, synchrotron facilities at IMCA-CAT, and a regional center for computational resources.
- Ensure instrumentation is operational and produces data of the highest possible quality.
- Communicate with vendors and engineers for maintenance and upgrade of equipment.
- Lead the planning and execution of expansion of the facility including the installation of additional microscopes.
- Attract and retain research staff to operate the facility.
- Liaise with financial and accounting staff to record staff and microscope time on user projects.
- Participate in external funding applications for the benefit of the center or the Institute, e.g. instrumentation grants, large-scale center grants.
Proven expertise in cryo-EM operation and use is required. Organizational skills, and strong written and oral communication abilities, including a good command of spoken and written English, are essential. Prior experience managing external projects is preferred. Candidates are expected to have a PhD in a relevant field and a strong record of scientific productivity.

Benefits:
The Institute has a generous benefits package including fully covered health insurance, life insurance and parking. In addition, we offer affordable vision and dental plans as well as Flexible spending and dependent care accounts. The Institute offers a retirement plan.

About HWI and Buffalo, NY:
HWI has celebrated more than 60 years as an independent research institute and is continually growing. Located in Buffalo, New York, HWI is at the heart of the growing Buffalo Niagara Medical Campus and partners with the University at Buffalo, Roswell Park Comprehensive Cancer Center, University of Rochester and numerous others. It also has links to industry and operates the IMCA-CAT beamline at the Advanced Photon Source outside of Chicago. Buffalo offers a vast array of community organizations which add to the richness of the area and also offer people many opportunities to grow and contribute. Housing is one of the most affordable in the United States.

HWI is committed to creating a diverse and inclusive environment for all employees. HWI as an equal opportunity employer, extends employment opportunities to qualified applicants and employees on a non-discriminatory basis without regard to race, color, sex, creed, age, religion, national origin, marital status, veteran status, sexual orientation, genetic predisposition, carrier status, or disability that would prevent the performance of the essential requirements of the job with or without a reasonable accommodation in compliance with the appropriate New York State and Federal laws, or any other legally protected characteristics. This policy applies to all conditions and terms of employment.

To apply:

Please send an introductory e-mail, CV and names of 3 references to the Institute at opportunity@hwi.buffalo.edu.