

Current Opening: Research Engineer at IMCA-CAT

The Industrial Macromolecular Crystallography Association - Collaborative Access Team (IMCA-CAT) and the Hauptman-Woodward Medical Research Institute (HWI) seek an inventive and skilled research engineer to join the IMCA-CAT team in accelerating pharmaceutical drug discovery through synchrotron-based structural biology research. The IMCA consortium which funds and provides strategic guidance to IMCA-CAT consists of AbbVie, Bristol Myers Squibb, Evotec, Janssen, Merck, Novartis, Pfizer, and Relay Therapeutics. As an employee of HWI, you will be based at the center of the team's operations at the Advanced Photon Source (APS), Argonne National Laboratory, near Chicago, IL. This is an ideal position for a motivated research engineer who is passionate about delivering strategic value, developing new technologies, and working in a high-powered, collaborative environment.

POSITION DESCRIPTION:

This is an exciting time to join IMCA-CAT. Underway are significant upgrades of our beamline to profoundly increase capacity and dramatically expand capability for challenging research projects. As a member of the IMCA-CAT team, you will be an integral part of these upgrade activities, lead beamline startups, participate in maintaining the flow of diffraction data for pharmaceutical research projects throughout the upgrade and beyond, and contribute to innovative developments that expand our experiment envelope. You will work closely with IMCA-CAT colleagues in an inclusive and respectful environment, and will be expected to take initiative and contribute to the team effort. On any given day, you will do one or more of these things:

- Ensure beamline instrumentation is operational and produces data of the highest quality.
- Manage sample environment (including robotics and cryogenics systems) for optimum performance.
- Lead startup of the beamline at the beginning of each operations cycle.
- Conduct experiments in support of drug discovery research efforts at both IMCA-CAT and a growing portfolio of synchrotron sources.
- Contribute to the development and implementation of new technologies that expand the experiment envelope of the beamline.
- Participate in collaborative working groups and engage in the technical development of the beamline.
- Communicate with industrial researchers and present at meetings.

DESIRED SKILLS and EXPERIENCE:

- BA or BS in engineering or other relevant science field.
- Outstanding technical skills and strong experimental skills, or motivated to learn and develop these skills.
- Highly collaborative and team-oriented approach to conducting work and solving problems.
- Excellent written and oral communication skills.
- Deeply proactive approach to meeting and exceeding goals.
- Ability to meet requirements for site access to Argonne National Laboratory.

TO APPLY:

Send cover letter, CV, and contact information (name and email) for three references to Lisa Keefe, PhD, Executive Director of IMCA-CAT and Vice President of Advancing Therapeutics at HWI, at keefe@imca-cat.org.

LEARN MORE:

Visit our websites to learn more about IMCA-CAT (www.imca-cat.org) and HWI (hwi.buffalo.edu).

The compensation level for this full-time position will be competitive and commensurate with the candidate's qualifications. HWI provides a generous benefits package. HWI is an equal opportunity employer and is committed to creating a diverse and inclusive environment for all employees.