

STAFF POSITION

ATC for Macromolecular X-ray Crystallography
Baylor College of Medicine, Houston, TX

Description: A full-time, temp-to-perm staff position is available in the [Advanced Technology Core for Macromolecular X-ray Crystallography](#) at [Baylor College of Medicine](#). The mission of the X-ray core is to assist researchers and physician-scientists in finding a structure solution of their macromolecule of interest. The successful applicant will assist with the robotic screening, imaging, evaluation, and optimization of macromolecular crystals to develop novel treatments against unmet human diseases. Experience with protein expression and purification is an advantage. The salary for this position is **\$38,830** per year in addition to a generous fringe benefit package. The position is ideally suited for a graduate with a Master's degree in a natural science (this is not a solicitation for graduate student trainees). The core laboratory is located on the main campus of Baylor College of Medicine, which provides a safe and secure environment for research. Social distancing and other safety precautions have been implemented and are maintained at all times.

Primary duties and responsibilities:

- Assist with crystallization screening setups using a liquid handling robot.
- Assist with imaging and recording of crystallization screening results.
- Prepare biological buffers and chemical stock solutions.
- Perform experiments in protein biochemistry.
- Prepare figures and assist in writing reports related to experiments performed.
- Maintain general lab environment (i.e., organization and cleanliness of the lab).
- Maintain and ensure compliance with biosafety regulations.

Preferred qualifications:

- Required: A Master's degree or Bachelor's with 2 years of related lab experience.
- Desired: Prior experience with protein purification or biochemistry techniques.
- Ability to keep accurate records of work performed is essential.
- Strong organizational and communication skills.
- Strong work ethic: ability to prioritize tasks, use good judgment, and complete duties.
- Able to work independently and as a team.
- Willingness to learn new techniques.

To apply, please send a cover letter and current CV with contact information for two referees to the core director, [Dr. Sukyeong Lee](mailto:atc-xraycore@bcm.edu) (atc-xraycore@bcm.edu). Highly motivated researchers with excellent communication skills are encouraged to apply. *Baylor College of Medicine is an equal opportunity employer.*