

Postdoctoral Position in Crystallography at University of Missouri – Saint Louis

Responsibilities

The X-ray Diffraction Laboratory in the Department of Chemistry and Biochemistry at UMSL houses a Bruker Venture-Duo Kappa Diffractometer, Bruker Apex II Kappa Diffractometer, and a Rigaku Ultima IV Powder Diffractometer. The successful candidate will be responsible for user training and support, providing daily support and supervision for instrument maintenance and repair, maintaining and upgrading instrument software and data storage, and overseeing scheduling of instrument use and billing of users. The manager will actively cultivate and work with internal users including providing solution of structures with data interpretation, as well as conducting fee-based data acquisition and analysis services for external users, including those from local industry and nearby academic institutions. The successful candidate will have the opportunity to contribute to research projects directly associated with usage of the facilities and to publish. This position is ideal for an individual seeking to pursue a career in crystallography.

Minimum Qualifications

A PhD in chemistry with direct experience with X-ray diffraction. The individual must be able to speak and write clearly and fluently in English.

Preferred Qualifications

A PhD in chemistry with significant experience with X-ray diffraction including solving crystal structures of a challenging nature.

Minimum Salary

\$47,500

Application Deadline

Review of applications will begin on July 12, 2021 and continue until the position is filled.

Application Instructions

Applicants must combine all application materials (cover letter, resume, and list of three references with contact information) into one PDF or Microsoft Word document and upload as a resume attachment. Limit document name to 50 characters. Maximum size limit is 11MB. Do not include special characters (e.g., /, &, %, etc.).

For questions about how applicants apply, please call (314) 516-5805, or if you are experiencing technical problems, please email <mailto:pshrsupport@umsystem.edu>.

Applications for job **37162** should be submitted online at this link:

https://erecruit.umsystem.edu/psc/tamext/STLOU/HRMS/c/HRS_HRAM_FL.HRS_CG_SEARCH_FL.GBL?&Page=HRS_APP_SCHJOB_FL

Benefit Summary

The University of Missouri, St. Louis offers benefit-eligible employees a wide variety of benefits including; health, dental and vision coverage effective on the first day of employment, vacation & sick time accrual, four personal days per year, tuition assistance for employees and their dependents, pension and employee & dependent life insurance. For more information about our benefit, please visit <http://www.umsystem.edu/totalrewards/benefits>.

UMSL is an equal access, equal opportunity, affirmative action employer that is fully committed to achieving a diverse faculty and staff. Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin,

ancestry, religion, sex, sexual orientation, gender identity, gender expression, age, genetic information, disability, or protected veteran status.

EEO IS THE LAW

To read more about Equal Employment Opportunity (EEO) please use the following links:

- EEO is the Law [English Version](#)
- EEO is the Law [Spanish Version](#)
- EEO is the Law [Chinese Version](#)