

X-ray Diffraction Facilities Scientist

The Department of Chemistry at Georgetown University seeks applications for a full-time research scientist to manage our X-ray Diffraction (XRD) facilities. The XRD facilities of the Department consist of a Bruker D8 Quest single crystal diffractometer (CMOS, Mo λ μS; 2015), a Bruker APEX II CCD Duo diffractometer (CCD, Mo and Cu λ μS, 2013), a Rigaku Ultima IV powder diffractometer (Cu, 2008), and a Rigaku RAPID curved-IP multipurpose diffractometer (Cu, 2001). The XRD Facilities Scientist will oversee the day-to-day operation and maintenance of the instruments, assist student and faculty users in their data collections and analyses, especially those involving non-routine structures, and collect and analyze XRD data for research groups without active users. The XRD Facilities Scientist will also teach students and researchers to operate instruments independently and safely as well as collaborate on research projects. An important responsibility will be to teach an annual graduate course in XRD techniques. The XRD Facilities Scientist will also be expected to engage and maintain involvement in the broader crystallographic community, keeping current with developments in the field. Expertise in various advanced aspects of crystallography is a plus. The candidate must have a PhD with at least 3-5 years of relevant formal experience in X-ray crystallography, including small molecule single crystal diffraction.

Please email *curriculum vitae* with a concise narrative of X-ray diffraction experience in one document (pdf), and arrange for three letters of recommendation to be sent to: chemx-ray@georgetown.edu. A formal application should be filled out at <https://jobs.georgetown.edu/PD.php?posNo=20142227>. We will begin to review applications July 1, 2015 and continue until the position is filled. *Georgetown University is an Equal Opportunity, Affirmative Action employer fully dedicated to achieving a diverse faculty and staff; applications from qualified women and minority candidates are encouraged.*