The School of Chemical Sciences (SCS) seeks a full-time (12 month) academic professional as Research Specialist-Crystallographer. This position reports to the director of the X-Ray Lab and is responsible for conducting single crystal and powder diffraction data collection, instruction and consultation with students, as well as structure solution and refinement. The position is also responsible for processing the monthly billing, data backup, and cryo-system fills.

Major responsibilities:

- Collect single crystal structure data using Cu or Mo radiation where applicable
- Integrate collected data, solve and refined structure solutions
- Prepare monthly internal and external billing statements
- Perform liquid nitrogen fills of the cryo-systems

Minimum Qualifications:

- MS in chemistry, biochemistry, physics, or related field, OR bachelor's in same with 3+ years' experience
- Experience with crystal mounting, x-ray diffraction data collection, and processing for small molecules
- Effective interpersonal skills
- Excellent vision
- Excellent hand-eye coordination

Desired:
Knowledge of SMART and APEX instrumentation and software

Salary: Commensurate with qualifications and experience.

Starting date: As soon as possible after closing date.

Closing date: For full consideration, all application material (including cover letter, resume, 3 letters of reference) must be received by the closing date of September 14, 2012. Applicants may be interviewed before the closing date; however, no hiring decision will be made until after that date. Application: Create your U of I application and upload your cover letter and resume at https://jobs.illinois.edu. Online application will require names and contact information for three references. For further information/questions: email Cheryl Kappes at scs_apply@scs.uiuc.edu (217-333-5070).

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