



## Cornell University Cornell High Energy Synchrotron Source

### Staff Scientist at MacCHESS

The Macromolecular Diffraction Facility of the Cornell High-Energy Synchrotron Source (MacCHESS) has an opening for a Staff Scientist (Research Associate) to pursue the development of novel techniques in x-ray scattering as applied to structural biology, and to support users at MacCHESS. There will also be opportunities to pursue projects in structural biology, using current crystallographic and SAXS methods. Areas of particular interest are serial microcrystallography and study of macromolecular dynamics through diffuse scattering and/or trapping of intermediate states of reactions *in crystallo*. Other research in the lab includes BioSAXS (focus areas include time-resolved and cryogenic techniques), microfluidics, pressure cryocooling, and user interfaces for beamline operation. A Ph.D. in structural biology, biophysics, or a related field, and at least 3 years of experience beyond the degree in a relevant field is required. A solid publication record is essential, and experience working at a synchrotron facility is highly desirable. Excellent communication skills are a must, including fluency in the English language. Appointments are nominally for three years with the possibility for renewal, subject to mutual satisfaction and the availability of funds.

Located on an Ivy League university campus in picturesque upstate New York, the Cornell High-Energy Synchrotron Source (CHESS) serves a world-wide user base of structural biologists, chemists, physicists, and engineers. MacCHESS is an NIH-supported National Resource providing support for structural biology at CHESS. MacCHESS is a heavily team-oriented environment.

Applications should be submitted at <http://academicjobsonline.org/> (posting #6664) and should include a cover letter, a CV, a list of publications, and a detailed summary of research experience and interests. Applicants must arrange to have at least three letters of recommendation sent, as per instructions on the academicjobsonline website. The starting date is negotiable, but not before March 2016.

Diversity and Inclusion are a part of Cornell University's heritage. We're a recognized employer and educator valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.