



Cornell University
Cornell High Energy
Synchrotron Source

December 11, 2018

Post-doctoral Associate at CHESS

The Cornell High Energy Synchrotron Source (CHESS) at Cornell University is completing a major upgrade of its facilities and is seeking a Postdoctoral Associate interested in using x-ray spectroscopy to study biology, chemistry, materials science, and catalysis. A PhD in physics, chemistry, biophysics, or comparable fields is required, and experience using x-ray absorption / emission spectroscopy and advanced instrumentation at synchrotron lightsource facilities is strongly preferred. Successful candidates will be expected to work both collaboratively and independently toward developing beamline capabilities—including methods for sample delivery and data processing / analysis. This position is sponsored by the NSF-PREM Center for Interfacial Electrochemistry of Energy Materials (CiE²M), a collaboration between CHESS and University of Puerto Rico Río Piedras, Universidad Metropolitana, and Universidad del Turabo; post-doctoral duties will include assisting PREM users in designing and conducting x-ray experiments.

Located on an Ivy League university campus in picturesque upstate New York, CHESS serves a world-wide community of materials researchers, biologists, chemists, physicists, and engineers. It is a National Science Foundation-supported research center dedicated to novel studies in the materials, biological, and engineering sciences and to developing novel x-ray technology and has a strong service and team-oriented environment.

The initial appointment will be for one year, with the expectation of renewal on a yearly basis with satisfactory performance and funding availability for an additional two years. Applications should be submitted at <https://academicjobsonline.org/ajo/jobs/12970> and should include a cover letter, a CV, a list of publications, a detailed summary of research experience and interests. Applicants must arrange to have at least three letters of recommendation uploaded, as per instructions on the academicjobsonline website. For information about the position, contact Dr. Chris Pollock at cjp227@cornell.edu.

Diversity and Inclusion are a part of Cornell University's heritage. The College of Arts and Sciences at Cornell embraces diversity and seeks candidates who will create a climate that attracts students and faculty of all races, nationalities, and genders. We strongly encourage women and underrepresented minorities to apply. Cornell University is a recognized EEO/AA employer and educator, valuing AA/EEO, Protected Veterans, and Individuals with Disabilities.