



Opening Position: Two postdoctoral positions in mechanistic enzymology studies are immediately available in the Metalloprotein Laboratory of the Department of Chemistry at Georgia State University, Atlanta, USA. Our laboratory studies transition metal-containing proteins and their medical relevance, using a combination of biochemical, bioinformatics, cell biology, structural and spectroscopic means. The post-doctorate will have an excellent opportunity to learn a wide variety of research techniques of protein chemistry, spectroscopy, structural biology, and to publish in prime chemistry and biochemistry journals. More information regarding our laboratory is available at <http://Feradical.gsu.edu>. GSU is a major research university in the southeast region of the United States. The Department of Chemistry runs a strong research program with annual extramural funding exceeding six million dollars (currently 11 active NIH R01 grants), over hundred graduate students (about 90 are pursuing Ph.D.), and more than thirty postdoctoral associates. Atlanta, where GSU is located, is a rising metropolis that is fun to live, with year-long comfortable weather and numerous international supermarkets scattered throughout neighborhoods in the city. As the main hub and headquarters of Delta Airlines, it is easy to get around to anywhere in the world.

Duties and Responsibilities: Study enzyme mechanisms and structure-functional relationships, metabolic pathway regulations.

Requirements: The ideal candidates should have received solid training in biochemistry and mechanistic enzymology study by using kinetics, spectroscopic, structural, and mass spectrometry methods. The most wanted candidate will have experience in using unnatural amino acid to substitute the target residue of interest in an enzyme to aid the mechanistic studies. Candidates must have a Ph.D. by the time of the employment and demonstrated experience.

Salary: The initial annual salary commensurate with experience. Fringe benefit will be provided according to the institutional rules.

Application: Applicants should send their CV and the names (with contact addresses) of three references to Professor Aimin Liu at Feradical@gsu.edu (Tel: 404-413-5532).