

## ***Postdoc and PhD Student Positions in Electron Microscopy***

Applications are invited for two open positions in the laboratory of Haixin Sui in the Wadsworth Center, Albany, NY. One opening is for a postdoctoral fellow starting in September of 2008. The other is for a Ph.D. student starting in the spring or fall of 2009. These are funded positions administered by Health Research, Inc.

The lab conducts research using structural approaches on cell biology questions that are disease-relevant. Our current interest is focused on the structural analysis of cytoskeleton and membrane protein complexes involved in motility and the signaling functions of eukaryotic flagella/cilia. The approaches used in the lab range widely and include molecular techniques, protein biochemistry, and structural approaches with an emphasis on advanced electron cryo-microscopy. The lab is located in the Wadsworth Center which is a comprehensive state laboratory of public health fostering innovative health-related research since 1901 ([www.wadsworth.org](http://www.wadsworth.org)). The electron microscopy program at the Center enjoys an international reputation on 3D-EM methodology development and applications.

- ***Postdoc position*** - a Ph.D. degree in molecular cell biology, biochemistry or related discipline is required. The ideal candidate is expected to have extensive experience in molecular techniques, cell culture, protein expression and purification, and a solid background in structural biology. Experience in electron cryo-microscopy is desired but is not essential.
- ***Ph.D. student position*** - interdisciplinary applications are particularly encouraged for people holding a Bachelor or Master degree in fields of engineering and physics such as solid state physics, materials science, and chemistry. Candidates with a background in biophysics, biochemistry, molecular biology or related disciplines are also welcome. Applications from people with computer science background focused on computer graphics or digital signal processing will also be considered. The student will receive comprehensive training in cell molecular biology and advanced structural biology, and will conduct his/her research in an excellent working environment at the Wadsworth Center

Interested individuals should submit a cover letter describing research experience and interests, curriculum vitae, and names and contact information of three references to: [suilab@hotmail.com](mailto:suilab@hotmail.com) or [hsui@lbl.gov](mailto:hsui@lbl.gov).

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***Best Places to Work in Academia (2004, 2005, 2007)  
Best Places to Work for Postdocs (2005, 2006)***