NBCR’s Summer Institute will provide attendees—graduate students, postdocs & researchers—with an overview of cyberinfrastructure and multiscale modeling approaches. Plenary and hands-on training sessions will incorporate tools essential for cutting edge biomedical research. NBCR’s goal in offering this program is to broaden the impact of these tools and work closely with the biomedical community in future developments, while offering significant opportunities for networking among researchers and participants.

Specific topics will include: Programming Scalable Scientific Workflows • From Cluster to Cloud Computing • Molecular Electrostatics and Diffusion • Virtual Screening and Computer Aided Drug Design • Electron Tomography and Mesoscale Modeling • Computational Cardiac Electrophysiology and Mechanics

For more information—including scholarship info—visit: www.nbcr.net/si