

RESEARCH ASSOCIATE

Postdoctoral position in advanced molecular simulation in the Department of Computational Biology, School of Medicine at the University of Pittsburgh.

Research will develop and apply advanced methods in equilibrium and path sampling of biomolecular systems. Experience is required in the following: equilibrium and path sampling methods, atomistic and coarse-grained models, free energy calculations, Monte Carlo calculations, non-dynamical simulation methods, theory and simulation of phase transitions, as well as simulation of simple, aqueous, and ionic fluids. Also required: (i) a very strong academic record, as evidenced by education experience and publication record; (ii) demonstrated experience in writing fluent English; and (iii) a Ph.D. in Physical Chemistry, Physics, or Chemical Engineering

Applicants should email a cover letter summarizing pertinent experience, a CV including three references to nmg5@pitt.edu by October 31, 2009.

The University of Pittsburgh is an equal opportunity, affirmative action employer.