

Alan A. Chen

Graduate Student
Center for Computational Biology
Washington University School of Medicine
700 S. Euclid Ave, Rm 114
Campus Box 8036
St. Louis, MO 63110
E-Mail: achen@artsci.wustl.edu
Phone: (314) 362-2080
FAX: (314) 362-0234

Education

Ph.D., Molecular Biophysics, 2002 - Current
Washington University School of Medicine
Division of Biology and Biomedical Sciences
Primary Advisor: Professor Rohit V. Pappu, Department of Biomedical Engineering
Co-advisor: Professor Kathleen B. Hall, Department of Biochemistry and Molecular Biophysics

B.A., Physics and Molecular Biology, 1998-2002
Cornell University, Ithaca, NY

Positions

Jan 2004 – May 2004: Teaching Assistant, CHEM 456 (Biochemistry), Washington University in St. Louis

January 2001 – July 2002: Undergraduate Research Assistant, Department of Molecular Biology & Genetics, Cornell University, Ithaca.

1994 – 1998: Summer Research Assistant, Laboratory for Astronomy and Solar Physics, NASA GSFC, Greenbelt, MD

Publications

Chen A, Pappu RV. (2007) Parameters of Monovalent Ions in the AMBER-99 Forcefield: Assessment of Inaccuracies and Proposed Improvements. *Journal of Physical Chemistry B*, **111** (41): 11884-11887

Chen A, Pappu RV. (2007) Quantitative characterization of ion pairing and cluster formation in strong 1:1 electrolytes. *Journal of Physical Chemistry B*, **111** (23): 6469-6478.

Professional society memberships

Biophysical Society