

*curriculum vitae of Gregory A. Voth**Education*

- Ph.D. in Theoretical Chemistry, California Institute of Technology, June 1987
- B.S. in Chemistry, University of Kansas, May 1981, Graduation with Highest Distinction and Honors

Professional Experience

- University of Chicago: Haig P. Papazian Distinguished Service Professor, Department of Chemistry, James Franck Institute, and Institute for Biophysical Dynamics; Senior Fellow of the Computation Institute; Director of the Center for Multiscale Theory and Simulation, July 2010–Present
- Los Alamos National Laboratory, Theoretical Division: Faculty Guest Researcher, 2014–Present
- University of Utah: Distinguished Professor of Chemistry and Director of the Center for Biophysical Modeling and Simulation, January 1997 – June 2010
- University of Pennsylvania: Assistant Professor of Chemistry, July 1989 – June 1994
Associate Professor of Chemistry with Tenure, July 1994 – Dec. 1996
- University of California, Berkeley: IBM Postdoctoral Research Fellow, 1987 – 89

Awards and Honors

- Stanislaw M. Ulam Distinguished Scholar, Los Alamos National Laboratory, 2014
- American Chemical Society Division of Physical Chemistry Award in Theoretical Chemistry, 2013
- Elected to the International Academy of Quantum Molecular Science, 2013
- Elected Fellow of the Biophysical Society, Class of 2012
- Elected Fellow of the American Chemical Society, Inaugural Class, 2009
- University of Utah Distinguished Scholarly and Creative Research Award, 2008
- John Simon Guggenheim Memorial Fellowship, 2004–2005
- Miller Visiting Professorship, University of California, Berkeley, 2003
- National Science Foundation Creativity Award, 1998–2002
- Elected Fellow of the American Association for the Advancement of Science, 1999
- Elected Fellow of the American Physical Society, 1997
- IBM Corporation Faculty Research Award, 1997–99, 2003–05
- Camille Dreyfus Teacher-Scholar Award, 1994–1999
- Alfred P. Sloan Foundation Research Fellow, 1992–94
- National Science Foundation Presidential Young Investigator Award, 1991–96
- David and Lucile Packard Foundation Fellowship in Science and Engineering, 1990–95
- Lilly Foundation Teaching Fellowship, 1990–91
- Camille and Henry Dreyfus Distinguished New Faculty Award, 1989
- The Francis and Milton Clauser Doctoral Prize, California Institute of Technology, 1987
- The Herbert Newby McCoy Award, California Institute of Technology, 1986
- The Procter and Gamble Award for Outstanding Research in Physical Chemistry, ACS, 1985

Named Lectures

- Shneior Lifson Memorial Lecture, Weizmann Institute of Science, 2017
- Science at the Edge Lecturer, Michigan State University, 2015
- Charles A. McDowell Lecture, University of British Columbia, 2012
- LA-SiGMA Lecture, Louisiana State University, 2012
- Keynote Speaker, Science2008, University of Pittsburgh, 2008
- Palke Lecturer, University of California, Santa Barbara, 2008
- Reilly Lecturer, University of Notre Dame, 1999
- Frontiers of Chemistry Lecturer, Wayne State University, 1999, 2012

Research Interests

Multiscale Theory and Simulation and of Biomolecular and Soft Matter Systems; Proton and Charge Transport Processes in Biological, Material, and Solution Phase Systems; Theory and Simulation of Complex Fluids, Ionic Liquids, Interfaces, and Solvation Phenomena; High Performance Computing

Publications (As of 7/21/17: 495 total publications, Google Scholar h-index = 91; i10 index = 414; total citations = 32,568; 14,672 since 2012)

Presentations (As of 7/21/2017: 447 invited lectures and seminars, including plenary lectures)