

## MARK ALAN BERG

### ADDRESS:

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### EDUCATION:

University of California at Berkeley; Ph.D. in Chemistry, 1985  
University of Minnesota; B.S. in Chemistry with High Distinction, 1979

### PROFESSIONAL HISTORY:

Distinguished

Professor Emeritus: University of South Carolina, 2025-present  
Professor: University of South Carolina, 2001–2025  
Associate Professor: University of South Carolina, 1994–2001  
Assistant Professor: University of Texas at Austin, 1987–1994  
Postdoctoral Research: Stanford University, 1985–1987, with Prof. M. D. Fayer  
Graduate Research: University of California – Berkeley, 1979–1985,  
with Prof. C. B. Harris  
Undergraduate Research: University of Minnesota, 1978, with Prof. W. E. Farneth.

### HONORS AND AWARDS:

Editorial Advisory Board, Journal of Physical Chemistry Letters, 2013–15.  
Chemist of the Year, South Carolina Section of the American Chemical Society, 2014.  
Educational Foundation Research Award, University of South Carolina, 2007.  
Fellow of the American Physical Society, 2000.  
Sloan Foundation Fellowship, 1992.  
Presidential Young Investigator Award, National Science Foundation, 1990.  
Dreyfus Distinguished Young Faculty Award, Dreyfus Foundation, 1987.

### RESEARCH INTERESTS:

Combining ideas from machine learning and nonequilibrium statistical mechanics to analyze trajectories from single-molecule experiments and computer simulations. Applying these new methods to supercooled liquids, biomolecules, polymers, ionic liquids and other materials with complex dynamics.