

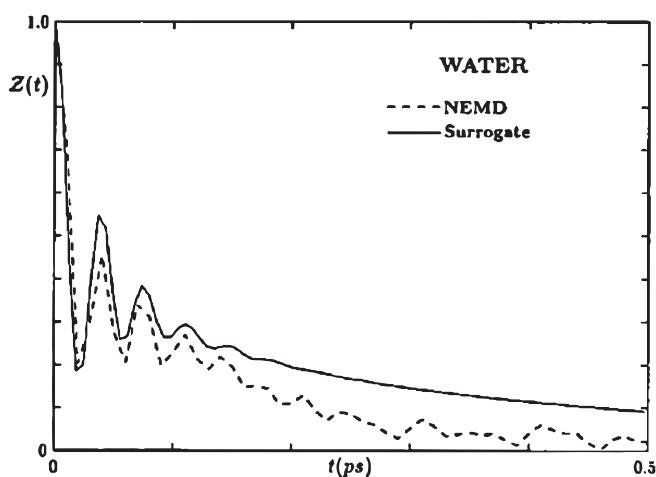
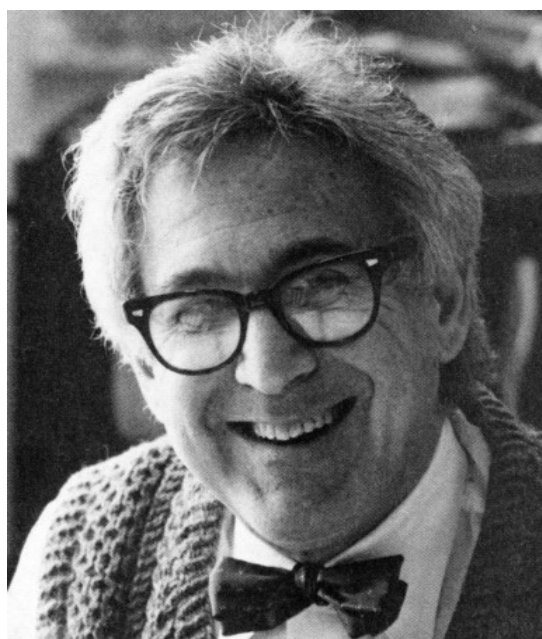
Harold Friedman

Professor of Chemistry

1965-1994

Chair of Chemistry 1975-1978

Statistical Mechanician and Solution Theorist



Surrogate Hamiltonian Description of Solvation Dynamics. Site Number Density and Polarization Charge Density Formulations, *Journal of Statistical Physics*, **78**, 239 (1995).

Professor Friedman's research focused on the microscopic interpretation of the thermodynamic, structural and dynamical properties of solutions, especially aqueous ionic solutions. He also applied new methodologies of statistical mechanics to accurately account for the influence of the medium on the rate of electron transfer reactions in solution.