

Robert Pecora (b. 6 August 1938, Brooklyn, New York)

Professor Emeritus of Chemistry, Stanford University, Stanford, California, 94305-5080, (650) 723-0681, pecora@stanford.edu

A. B. Columbia University 1959, A. M. Columbia University 1960, Ph. D. Columbia University 1962

Positions: National Academy of Sciences - National Research Council Postdoctoral Fellow at the Université Libre de Bruxelles, 1963; Research Physicist at the Columbia Radiation Laboratory, Columbia University, March 1964 September 1964; Assistant Professor of Chemistry, Stanford University, September, 1964 - 1970; Visiting Professor of Theoretical Physics, University of Manchester, Manchester, UK, September 1970 - September 1971; Associate Professor of Chemistry, Stanford University, September 1970 - September 1977; Professor of Chemistry, Stanford University, September 1977 - March 15, 2010; Professeur Étranger, Université de Nice, Nice, France 1978; Humboldt Fellow, Universität Bielefeld, Bielefeld, West Germany, 1986; Chairman, Department of Chemistry, Stanford University, 1992- 1995

Awards: NSF Cooperative graduate fellow, 1960 -62; National Academy of Sciences - National Research Council Postdoctoral Fellow, 1963; A. P. Sloan Foundation Fellow, 1967-68; Humboldt Senior Scientist Award, 1986; Fellow, American Physical Society; Fellow, American Association for the Advancement of Science; Doctor Honoris Causa, Adam Mickiewicz University, Poznan, Poland 2006

Professional Organizations: American Physical Society (Fellow), American Chemical Society; American Association for the Advancement of Science (Fellow)

Professional Service (selection): Member of the Air Force Chemical Sciences Advisory Panel of the National Academy of Sciences (1990 - 1993); Member of the Editorial Board of the *Journal of Chemical Physics* (1989 - 1991); Member of the EPSCoR Visiting Committee of the University of Nevada (1985 -2000); Contributing scholar on statistical mechanics for *Chemtracts - Analytical, Physical and Inorganic Edition*. Author of 17 condensations and commentaries; Chair, Gordon Conference on *Macromolecular and Polyelectrolyte Solutions*, 1994; Director, NATO -Advanced Study Institute on the Structure and Dynamics of Polymer and Colloid Systems, Les Houches, France, September 14-24, 1999.

Principal Research Interests: Condensed phase dynamics of small molecules, macromolecules and colloids of both materials and biological interest. Development of experimental techniques (especially optical and scattering techniques), thorough experiments on specific systems, and theoretical modeling and computer simulation. Particular emphasis is on liquids near the glass transition, rigid rod polymers, polyelectrolytes and composite liquids.

Publications: Author or coauthor of over 135 research articles and seven books.