

Curriculum Vitae of Robert E. Wyatt

Department of Chemistry and Biochemistry
University of Texas at Austin
Austin, Texas 78712
Phone: 512-471-3114
Fax: 512-471-8696
email: wyattre@mail.utexas.edu

Education

B.S. Chemistry, Illinois Institute of Technology, 1961
Graduate Student, Carnegie-Mellon University, 1961–1962
M.A. Chemistry, The Johns Hopkins University, 1963
Ph.D. Chemistry, The Johns Hopkins University, 1965
Postdoctoral Fellow, University of Keele, England, 1965–1966
Postdoctoral Fellow, Harvard University, 1966–1967

Professional Experience

Visiting Scientist, 3 months, Institute for Molecular Science, Japan, 1981
Visiting Professor, 1 month, Shandong University, China, 1987
Visiting Scientist, 5 months, Theoretical Division, Los Alamos National Laboratory, 1989
Visiting Professor, 3 months, University of Paris-Orsay, France, 1990
Visiting Professor, 1 month, University of Montpellier, France, 2002

The University of Texas at Austin:

W. T. Doherty Professor, 1985–present
Director, Institute for Theoretical Chemistry, 1981–1999
Professor, 1977–present
Associate Professor, 1973–1977
Assistant Professor, 1967–1973

Honors and Awards

National Science Foundation Predoctoral Fellow, 1963–1965
National Science Foundation Postdoctoral Fellow, 1965–1967
Alfred P. Sloan Foundation Fellow
Fellow, American Physical Society
Fellow, American Association for the Advancement of Science
Prize Medal, International Academy of Quantum Molecular Sciences
Teaching Excellence Award, College of Natural Sciences, University of Texas

Research Interests

Computational methods, algorithms, and applied mathematics
Formal and computational time-dependent quantum mechanics
Scattering theory and applications to reaction dynamics
Intramolecular energy transfer and molecular spectroscopy
Laser–molecule interactions

Research Group

Advisor to 30 Ph.D students, 6 M.A. students, and 22 postdoctoral fellows.

Publications

Author or coauthor of over 250 research papers, book chapters, and books
About 100 publications in the *Journal of Chemical Physics*, 45 in *Chemical Physics Letters*,
6 in *Physical Review Letters*, and 2 in *Science*

Co-editor of two books:

J. O. Hirschfelder, R. E. Wyatt, and R. D. Coalson (Eds.), *Lasers, Molecules, and Methods*, *Adv. Chem. Phys.* 1989.

R. E. Wyatt and J. Z. H. Zhang, (Eds.), *Dynamics of Molecules and Chemical Reactions* (Marcel Dekker, New York, 1996).

Author of research monograph:

R. E. Wyatt, *Quantum Dynamics with Trajectories* (Springer, New York, 2005), 405 pp.

Professional Affiliations

American Chemical Society
American Physical Society