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Education

Undergraduate: Drew University, Madison, New Jersey

Degree: B.A., Summa Cum Laude Honors in Chemistry, 1972

Awards & Honors: Sigma Phi (scholastic honor society), American Institute of

Chemists Award for outstanding graduate in Chemistry

Graduate: The Johns Hopkins University, Baltimore, Maryland

Degree: M.A., Chemistry, 1974, Ph.D., Chemical Physics, 1976

Thesis Advisor: Professor John P. Doering

Thesis: Electron Impact Excitation of Molecular Nitrogen: High Resolution Studies of

Electron Impact Optical Excitation Functions of the First Positive System

Awards & Honors: Phi Beta Kappa, Ernest M. Marks Award for excellence in the

Instruction of Chemistry

Postdoctoral: Columbia University - Advisor: Professor Richard N. Zare, 1976-1977

Stanford University - Advisor: Professor Richard N. Zare, 1977-1978

Academic Positions

University of Southern California, Assistant Professor Chemistry, 1978-1982

Fort Lewis College, Assistant Professor of Chemistry, 1982-1984

Associate Professor of Chemistry, 1984-1991

Professor of Chemistry, 1991-present

Chair, Department of Chemistry, 1986-1989, 2004-2006

Fort Lewis College Awards/Recognition:

Featured Scholar Award, Fall 2000

Cynthia Stengel Award for Outstanding Support of the Program for Academic Advancement (Federally Funded TRIO program), December 2004

Bob Lundquist Award for Faculty/Staff Service to Fort Lewis College Alumni,

(First recipient of this award), October 2007

CASE/Carnegie Professor of the Year, Colorado, 2009

Roger Peters Distinguished Professor Award (FLC) 2012

Professional Activities

Extramural research funding from American Chemical Society (ACS/PRF), National Science Foundation (including Creativity Award), NATO, American Institute of Physics, Associated Western Universities, Office of Naval Research, The Camille and Henry Dreyfus Foundation (Scholar/Fellow Program), Research Corporation; ~65 publications in peer-reviewed journals, ~60 presentations at professional meetings, invited seminars: research, professional development and educational issues.

Professional/Honor Society Memberships

Phi Beta Kappa (Honor, Scholastic)

Phi Kappa Phi (Honor, Research)

Kappa Mu Epsilon (Mathematics)

Sigma Xi (Science, Research)

Council on Undergraduate Research,

Councilor (1993-2002), visiting consultant and workshop facilitator

American Chemical Society, member of the Committee on Professional Training, 2008-2012

Vice Chair, ACS/CPT 2012

American Physical Society