



Ron C. Estler

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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

Sabbatical Leave, Los Alamos National Laboratory, 1989-1990
Sabbatical Leave, University of Pavia, Italy, Winter, 2004

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.

Consulting

Gow-Mac Instrument Company, Madison, New Jersey
January 1972-September 1972, Developed and successfully operated a new design of refractive index detector for liquid chromatography. This work led to a patent for the Christiansen effect detector for liquid chromatography.
Arete Associates, Encino, California

1981-1982, Consulted on classified defense related projects.
(DOD Secret clearance, inactive)

Los Alamos National Laboratory, Los Alamos, New Mexico

1984-2004, Consulted on a variety of research projects involving the
applications of lasers to chemical problems. (DOE Q clearance, inactive)

Council on Undergraduate Research - Program Review Consultant (Active)

American Chemical Society - Committee on Professional Training, Visiting Associate (inactive since
joining the committee as a sitting member)

American Chemical Society – member, Committee on Professional Training (2008-2012)

Horiba Crystal Products, Inc., Phoenix, Arizona (Inactive)

Grants

University of Southern California Research Award (1978)

Research Corporation (1978-1982)

American Chemical Society Petroleum Research Fund (1979-1981)

National Science Foundation - Basic Research Award (1980-1983)

Office of Naval Research (1981-1984)

Associated Western Universities (1984, 1987, 1988)

National Science Foundation -

Research at Undergraduate Institutions (1991-1994)

Creativity Award Extension (1995-1997)

Research Corporation, Partners in Science (1991-1993)

NATO Collaborative Research Grant (with P. Benetti, University of Pavia,
Italy, 1991-1994)

Camille and Henry Dreyfus Scholar, 1994-96

American Institute of Physics - Laser Science Topical Group (1995)

National Science Foundation – CILI (co-PI, 2001-2003)

Research Corporation, Department Development Award (2001-2008)

Research Corporation, Cottrell Research Award (2000-2006)

Professional/Honor Society Memberships and Activities

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

Telluride Science Research Center, Board of Directors, 2010-2013

American Chemical Society, member of the Committee on Professional Training, 2008-2012
Vice Chair, ACS/CPT 2012

American Physical Society