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EDUCATION:
B.S., Biochemistry; University of Maryland, College Park, MD; 1981.
Ph.D., Analytical Chemistry; Duke University, Durham, NC; 1986.
Postdoctoral Research, Biomedical Engineering, Duke University, Durham, NC; 1989-91.

POSITIONS:
Professor; Department of Chemistry, University of Arizona, Tucson, Arizona; 2003-present.
Associate Professor; Department of Chemistry, University of Arizona, Tucson, Arizona; 1997-2003.
Assistant Professor; Department of Chemistry, University of Arizona, Tucson, Arizona; 1991-97.
Research Assistant Professor; Dept. of Biomedical Engineering, Duke University, Durham, NC; 1989-91.
Research Scientist; Advanced Instrumentation Research Group; Perkin-Elmer Corp., Norwalk, CT; 1986-88.
Assistant Project Officer, U.S. Environmental Protection Agency, Washington, D.C.; 1980-1982.

HONORS AND PROFESSIONAL APPOINTMENTS:
Kathleen Pettigrew Zielik Graduate Fellowship, Duke University, 1984-1985.
Joseph T. Adams Graduate Fellowship, Duke University, 1985-1986.
NSF/ERC Postdoctoral Fellowship, Biomedical Engineering, Duke University, 1989-1990.
Associated Western Universities Faculty Fellowship, Battelle Pacific Northwest Laboratories, 1994-1995.
National Institutes of Health FIRST Award, 1995-2000.
Young Observer Awardee, 40th IUPAC General Assembly, 1999.
National Representative, Commission on General Aspects of Analytical Chemistry, IUPAC, 1999-2001.
Analytica Chimica Acta, Editorial Advisory Board, 1999-2001.
IUPAC Fellow, 2002-2006.
Member, Instrumentation and Systems Development Study Section, National Institutes of Health, 2006-2010.
Member, *Analytical Chemistry* News & Features Advisory Panel, 2007-09.

RESEARCH INTERESTS:
Physical and chemical processes at solid-liquid interfaces, particularly those involving protein and proteo-lipid films; spectroscopic techniques to probe interfacial structure and processes; structure-property relationships in biomaterials and biological thin films; biomedical instrumentation, particularly optical waveguide transducers; analytical sensing devices based on biological thin films.