

WILLIAM M. LOFFREDO
Department of Chemistry
East Stroudsburg University
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East Stroudsburg, PA 18301
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EDUCATION

Ph.D., December 1988, Chemistry (Biochemistry), The Ohio State University, Columbus, Ohio Dr. Ming-Daw Tsai
B.Sc., May 1982, Chemistry (ACS Certified), Lebanon Valley College, Annville, Pennsylvania Dr. H.A. Neidig
High School Certification for the State of Pennsylvania, Lebanon Valley College, Annville, Pennsylvania, 1982

TEACHING EXPERIENCE

2002-Present Professor, East Stroudsburg University Department of Chemistry
1996-2001 Associate Professor, East Stroudsburg University Department of Chemistry
1993-1995 Assistant Professor, East Stroudsburg University Department of Chemistry
1991-1992 Instructor, East Stroudsburg University Department of Chemistry
1993-Present Tutor, Various homeschool and public school students in science and math
1989-1991 Teacher and Principal, World Harvest Christian Academy
1989 Lecturer, The Ohio State University Department of Chemistry
1982-1988 Teaching Assistant, The Ohio State University Department of Chemistry
1978-1982 Teaching Assistant, Lebanon Valley College Department of Chemistry

COURSES TAUGHT AT EAST STROUDSBURG UNIVERSITY

Nonmajor Courses: Modern Chemical Science, Consumer Chemistry (also as Distance Ed), Chemistry Molecules and Life (Nursing Chem with lab), Middle School Teacher Precert. Chemistry, Environmental Chemistry
Majors Courses: General Chemistry I and II with labs, Organic I and II with labs, Biochemistry I with lab Biochemistry II, Organic Chemistry III, Advanced Lab, Chemical Research, Bioseparations, Chemical Seminar

RESEARCH EXPERIENCE

1991-Present East Stroudsburg University, Faculty member
-Direct multifaceted undergraduate student projects
-Employed student researchers for field testing Chemical Education Resources laboratory experiments
-Director for Faculty Directed Student Research with Upward Bound Program (Summer 1995)
1995-Present East Stroudsburg University, NMR Operator
-Maintain and operate departmental FT-NMR
-Train users on departmental FT-NMR
-Operate above spectrometer for research groups and courses utilizing H1, C13 and P31 nuclei

PROFESSIONAL AFFILIATIONS

The American Chemical Society Sigma Xi Scientific Research Society The American Assn for the Advancement of Science
Omicron Delta Kappa Phi Lambda Upsilon Honorary Chemical Society Phi Sigma Pi Honors Fraternity

PUBLICATIONS

William Loffredo, Contributing Author to “Passing the State Science Proficiency Tests: Essential Content for Elementary and Middle School Science Teachers”, in press, 2013

HONORS AND AWARDS

East Stroudsburg University

-Interim Chairman of the Chemistry Department, May 1999 through September 2000

-Principal investigator in a NSF-ILI grant for the acquisition of new a 300 MHz Broad band FT-NMR spectrometer, Sept. 1, 1994