WILLIAM M. LOFFREDO Department of Chemistry East Stroudsburg University Science and Technology Building Rm 221 East Stroudsburg, PA 18301 email: wloffredo@po-box.esu.edu

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 | |
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| 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 | |
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| | (Nursing Chem with lab), Middle School Teacher Precert. Chemistry, Environmental Chemist | |
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Majors Courses:General Chemistry I and II with labs, Organic I and II with labs, Biochemistry I with lab Biochemsitry II,
Organic Chemsitry III, Advanced Lab, Chemical Research, Bioseparations, Chemical Seminar

RESEARCH EXPERIENCE

| 1991-Present | East Stroudsburg University, <u>Faculty member</u> -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) |
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| 1995-Present | East Stroudsburg University, <u>NMR Operator</u> -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 |
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| Omicron Delta Kappa | Phi Lambda Upsilon Honorary Chemical Sc | ciety 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