

Mary Lynn DeShazo
Professor of Chemistry
Department of Chemistry
College of Arts and Sciences

Degrees Earned

<u>Degree</u>	<u>Major</u>	<u>Minor</u>	<u>Institution</u>	<u>Year</u>
Ph. D.	Biochemistry	Organic Chemistry	Texas A&M University	1968
M. Ed.	Education		University of Houston	1957
B. S.	Chemistry	Biology	East Texas Baptist College	1949

Professional Licensure and Certifications

Peer-Review Publications and Artistic Performances/Exhibitions

Article

"Cyclopropanecalanine and Cyclopropaneglycine, Inhibitory Analogs of Leucine and Valine,"
W. M. Harding and Mary L. DeShazo, *Archives of Biochemistry and Biophysics*, 118, 23(1967)

Books

Chapters

Proceedings

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Funded External Grants

Peer-Review Presentations/Posters

Presentation

"Women in Chemistry – The Past," presented at the 79th Annual Meeting of The Texas
Academy of Science; Texas A&M University; March 6, 1976

Work or Professional Experiences

Teaching Experiences

1972 – Present, Professor of Chemistry, Sam Houston State University
1968 – 1972, Associate Professor of Chemistry, Sam Houston State University
1957 – 1968, Assistant Professor of Chemistry, Sam Houston State University

Administrative Experiences

1987 – 1995, Associate Dean of College of Arts and Sciences, Sam Houston State University
1984 – 1987, Assistant Dean of College of Arts and Sciences, Sam Houston State University

Other Professional Experiences

Texas Higher Education Coordinating Board Intern; Austin, Texas; May 21 – 25 and July 16 – 20,
1984
Texas Higher Education Coordinating Board Consultant; Austin, Texas; June 6 – July 15, 1984,
and July 21, 1984 – August 23, 1984
Administrative Intern, Vice President for Academic Affairs, Sam Houston State University, 1983

Cooperative Education representative at Dow Chemical for Program of Chemistry, Sam Houston State University, 1983 – 1985

President, Texas Institute of Chemists (a division of American Institute of Chemists), 1989 – 1990

National Councilor, American Institute of Chemists, 1989 – 1990

Member, Chemical Education Committee, Southeastern Texas Section of the American Chemical Society, Houston, Texas, 1982 – 1988

Member, Registration Committee, 1986 Southwest Regional American Chemical Society Meeting, Houston, Texas, November 19 – 21, 1986

University Faculty Senate

Member and Chair of Committee on Committees and Surveys, 1982 - 1984, 1995 - 2004

University Faculty Council (precursor of University Faculty Senate)

Chair, 1976 - 1978 (two terms)

Vice Chair, 1974 - 1976 (two terms)

Member, 1973 - 1979

Honors and Awards

Recognized as a fifty-year member of the American Chemical Society, 2008

Recipient of the College of Arts and Sciences Special Recognition Award for Outstanding Contributions, August, 2001

Recipient of the Sam Houston State University Excellence in Service Award, May, 1994

Represented Sam Houston State University at the National Recognition Program for Women sponsored by the American Council on Education at the University of Houston, April 3 – 4, 1985

Inducted as a member into Iota Sigma Pi, the National Honor Society for Women in Chemistry, 1986

Inducted as an honorary member into the Golden Key International Honor Society, 1985

Inducted as a fellow into the American Institute of Chemists, 1985

Inducted as an honorary member into Alpha Lambda Delta, National Honor Society for First Year Students, 1970

Inducted as a member into Phi Delta Kappa, an international association for professional educators, 1980

Inducted as a member into the Honor Society of Phi Kappa Phi, 1969

Recipient of a National Science Foundation Science Faculty Fellowship to support doctoral research at Texas A&M University; June, 1966 – August, 1967

Recipient of a National Science Foundation Summer Research Fellowship for Secondary School Teachers for research performed in the College of Engineering at the University of Houston, summer, 1957

Recipient of a National Science Foundation Summer Fellowship for Secondary School Teachers for support while attending the University of Arkansas, summer, 1956

Other Competencies

Non-Peer Review Publications

Chemistry 116 Laboratory Manual, Revised 1995, published by Department of Chemistry, Sam Houston State University, 1995 – present time, 50 pages

Laboratory Manual for Chemistry 115/Chemistry 145, published by Department of Chemistry, Sam Houston State University, 1983 – 1993, 72 pages

Laboratory Manual for Chemistry 116/Chemistry 146, published by Department of Chemistry, Sam Houston State University, 1983 – 1990, 83 pages

Non-Peer Review Presentation

“History of the Sam Houston Chapter of Alpha Lambda Delta,” presented at the 25th anniversary of the Sam Houston chapter of Alpha Lambda Delta, Sam Houston State University, April 19, 1996

Theses Director

Manshour, Taghi, *Amino Acid Inhibition of Substituted Metal Ion Bovine Pancreatic Carboxypeptidase A*, Master of Science (Chemistry), May, 1984.

Owusu, Anthony K., *Alcohol Inhibition of Bovine Pancreatic Carboxypeptidase A*, Master of Science (Chemistry), December, 1983.

Surles, Billy Wayne, *Some Effects of Metal Ion Substitution in Aeromonas proteolytica Endopeptidase*, Master of Science (Chemistry), August, 1982.

Tanna, Bhanu G., *Amino Acid Inhibition of Bovine Pancreatic Carboxypeptidase A*, Master of Science (Chemistry), August, 1980.

Johnson, Marie P., *Transpeptidation Reactions Catalyzed by Aeromonas proteolytica Endopeptidase*, Master of Science (Chemistry), December, 1977.

Jenkins, Randall C., *Studies of the Transpeptidase Activity of Aeromonas proteolytica Endopeptidase*, Master of Science (Chemistry), May, 1975.

Stagg, Derryl D., *Amino Acid Inhibition of Leucine Aminopeptidase*, Master of Arts (Chemistry), August, 1973.

Judged Undergraduate Research, Annual Undergraduate Chemical Research Conferences, Texas A&M University; 1988, 1989 and 1990

Judged Chemistry Exhibits, Regional Science Fairs in College Station, Texas, 1982 – 1985, and in Houston, Texas, 1982 – 1987

Faculty Sponsor, Student Affiliate Chapter of the American Chemical Society, Sam Houston State University, 1959 – 1961

Academic Advisor, Student Advising and Mentoring Center, Sam Houston State University, 2002 – 2007

General Studies Advisor (academic advisor for non-major students), Sam Houston State University, 1984 – 2002

Pre-nursing Advisor, Sam Houston State University, 1973 – 1991

Student Mentor, Sam Houston State University, 1995 – 1997

Fulbright Campus Adviser/Contact Person, Sam Houston State University, 1986 – 2007

