

VITA

Donald B. Spencer
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EDUCATION:

Ph.D., Chemistry	University of Denver	1986-1991
B. S. in Ed., Chemistry	Northern Arizona University	1976-1980

TEACHING EXPERIENCE:

Professor, Chemistry	East Texas Baptist University	2012-present
Assoc. Professor, Chemistry	East Texas Baptist University	2004-2011
Instructor, Chemistry (part-time)	Metropolitan State University, Denver, CO	1987-89
Chemistry teacher	Regis Jesuit High School, Denver, CO	1984-86
Math teacher	Littleton Public Schools, Littleton, CO	1983-84
Math/Chemistry teacher	Aurora Christian Academy, Aurora, CO	1980-83

OTHER WORK EXPERIENCE:

Staff Scientist	Serim Research Corp, Elkhart, IN	2002-04
Senior Research Scientist	GDS Technology, Inc., Elkhart, IN	1995-2001
Senior Research Scientist, American Biogenetic Sciences,	Notre Dame, IN	1994
Postdoctoral Scientist	Eli Lilly & Co., Indianapolis, IN	1992-94
Postdoctoral Scientist	Penn State University, State College, PA	1991-92

PROFESSIONAL DEVELOPMENT EXPERIENCES:

Biophysical Society Meeting	Baltimore, MD	Mar 2019
Biophysical Society Meeting	New Orleans, LA	Feb 2017
American Chemical Society National Meeting	Dallas, TX	Mar 2014
American Chemical Society Regional Meeting	El Paso, TX	Nov 2009
American Scientific Affiliation National Meeting	Baylor University, Waco TX	Aug 2009
American Chemical Society seminar	Eastman, Co., Longview, TX	Mar 2007
Guided Inquiry Learning workshop	UT Arlington	Feb 2007
American Chemical Society seminar	NE Texas CC., Mt. Pleasant, TX	Feb 2006
American Chemical Society seminar	Analab, Inc., Kilgore, TX	Oct 2005
Clinical Instrumentation Conference	Minneapolis, MN	June 2002
E-Chip Experimental Design training	Chicago, IL	Aug 1999
American Association of Clinical Chemistry Conference	Chicago, IL	Aug 1996
Biophysical Society Meeting	New Orleans, LA	Mar 1994

PRESENTATIONS AND PUBLICATIONS:

Rosenfeld B.A., Carville D.G.M., Dimitrijevic N., Spencer D.B. & Gargan P.E., “The Determination of Soluble Fibrin Polymers in Surgical Patients” (1995) *Thrombosis and Haemostasis* 73:227.

Youngman K.M., Spencer D.B., Brems D.N. & DeFelippis M.R., “Kinetic Analysis of the Folding of Human Growth Hormone – Influence of Disulfide Bonds” (1995) *Journal of Biological Chemistry* 270:34, 19816-19822.

Bryant C., Spencer D.B., Miller A., Bakaysa D.J., McCune K.S., Maple S.R., Pekar AH., & Brems D.N., “Acid Stabilization of Insulin” (1993) *Biochemistry* 32, 8075-8082.

Texter F.L., Spencer D.B., Rosenstein R., & Matthews C.R., “Intramolecular Catalysis of a Proline Isomerization Reaction in the Folding of Dihydrofolate Reductase” (1992) *Biochemistry* 31, 5687-5691.

Spencer D.B. & Matthews C.R., Condensation and Commentary on “Hydrophobic Clustering in Nonnative States of a Protein: Interpretation of Chemical Shifts in NMR Spectra of Denatured States of Lysozyme” by Evans, et al. (1991) *Proteins Struct. Func. Gene.* 9,248. (1991) CHEMTRACTS – *Biochemistry and Molecular Biology* 2, 360-363.

Dewey T.G. & Spencer D.B., Are Protein Dynamics Fractal? (1991) *Comments on Molecular and Cellular Biophysics* 7, 155-171.

Spencer D.B. & Dewey T.G., “Activation Parameters for the Halorhodopsin Photocycle: A Phase-Lifetime Spectroscopic Study of the 520 and 640 Nanometer Intermediates” (1990) *Biochemistry* 29, 3140-3145.

OTHER RELEVANT INFORMATION: