

Harriet L. Strickland, D.V.M.

Keywords

Doctor of Veterinary Medicine, Associate Professor of Biology, Distance Education Administration, Lecture & Manuscript Development, Medical Research Administration, Grant Budget Development, Clinical Trials Management, Comparative Medicine, Experimental Pathology, Behavioral Medicine, Continuing Education, Land Management.

Professional Experience

Science Education (2019-present)

South Plains College, Dept of Biology, Levelland, TX

Associate Professor Biology

Farm & Forestry Land Management and Development (March 2010-July 2019)

Holly Tree Farms Partnership, 225-year old family farm in Fair Bluff, NC

Property Manager, 460± acres cropland, forestry and pond land management

Science Education (2008-2010)

Coastal Carolina University, Dept of Biology, Conway, SC

Biology Teaching Associate/Adjunct Faculty, August 2008 to February 2010

Distance Education Administration (2007-2008)

Eastern New Mexico University, Dept of Distance Education & Outreach, Portales, NM

Special Programs Coordinator, April 2007 to April 2008

Veterinary Private Medical Practice (2003-2005)

MetroPet Animal Hospital, Berea, OH

Clinical Associate, clinical medicine practice, July 2004 to June 2005

Akron Animal Clinic, Akron, OH

Clinical Associate, clinical medicine practice, March 2003 to May 2004

Science Education & Medical Research Administration (1988-2002)

Wake Forest University Health Sciences, Winston-Salem, NC

Administrative Consultant to WFUHS, contract basis, July 2001 to November 2002

Project Manager II, Clinical Drug Trials, May 1997 to May 2001

Wilkes Community College, Sciences Department, Wilkesboro, NC

Lead Biology College Instructor, August 1990 to April 1997

Wake Forest University School of Medicine, Dept of Neurobiology, Winston-Salem, NC

Research Assistant Professor, February 1988 to November 1990

Personnel Records Management (1986-1988)

CIGNA Companies of North America, Dept of Human Resources, San Antonio, TX

Human Resources Assistant, 1987-1988

Fuddrucker's Corporate Offices, Dept of Human Resources, San Antonio, TX

Personnel Administration Coordinator, 1986-1987

Experimental Pathology & Lab Animal Medicine (1981-1985)

Southwest Foundation for Biomedical Research, San Antonio, TX

Staff Scientist & Postdoctoral Fellow, 1983-1985

Bowman Gray School of Medicine, Dept of Comparative Med, Winston-Salem, NC

Postdoctoral Fellow & Laboratory Assistant, 1981-1983

Teaching Experience

General Zoology, South Plains College, 2019-Present
Biology 1413 Lecture & Laboratory for Associate Degree and College Transfer Students

Biology for Science Majors, South Plains College, 2019-2023
Biology 1406 Lecture & Laboratory for College Transfer Students

The Science of Life, Biology for Non-Majors, Coastal Carolina University, **2008-2010**
Biology 101 Lecture: 2008-2010; Biology 101L Laboratory: 2008-2009

Introductory College Biology, Parts I, II and III, Wilkes Community College, **1990-1997**
Lecture & Laboratory for College Transfer Students

Introductory Chemistry, Wilkes Community College, **1990-1994**
Lecture & Laboratory for Nursing Students

Microbiology I: An Overview, Wilkes Community College, **1991-1992**
Lecture & Laboratory for Allied Health Students

Gross & Microscopic Anatomy of Arteries, Bowman Gray School of Medicine, **1988-1990**
Training Lectures for Technicians in Medical Research

Team Teaching Human Gross Anatomy - Thorax Topic, Bowman Gray Sch of Med, **1988-1990**
Gross Anatomy Laboratory (using cadavers) for first year Medical Students

Professional Skills

General computer skills and experience using the *Blackboard* Learning Management System 2008-2024

Communication skills including: strong writing, editing, and research skills; course development and lecture presentation for students and employees; development of scientific proposals and publications

Problem-solving skills, both generalized conceptual problems and practical or technical problems

Organizational skills including: work schedule development; data coordination & management; grant budget proposal development; coordination of community outreach programs and conferences; farm & estate management and development

Creative skills in development of publications, exhibits, oral presentations, professional development, certificate and noncredit courses, summer children's programs (Kids' College at ENMU), college catalogues, course brochures, marketing materials and interoffice communication

Education

Ohio State University, Columbus, Ohio; **Doctor of Veterinary Medicine**
George Mason University, Fairfax, Virginia; **Bachelor of Science in Biology with High Distinction**
The University of Texas at Austin, Austin, Texas; **Graduate course work in Physical Anthropology**

Honors and Awards

National Research Service Award, Bowman Gray School of Medicine, 1981-1982

National Research Service Award, Southwest Foundation for Biomedical Research, 1983-1985

Who's Who Among America's Teachers, Wilkes Community College, 1994

Professional Memberships

American Veterinary Medical Association (AVMA), Ohio VMA, North Carolina VMA

Scientific Publications: *See attached pages*

Scientific Publications:

Chapters in Books

Strickland HL and TB Clarkson: Use of Squirrel Monkeys in Cardiovascular Research. In Handbook of Squirrel Monkey Research, LA Rosenblum and CL Coe (eds.), Plenum Press, New York, NY, 1985, pp 295-313.

Mercuri M, Bond MG, Strickland HL, Bo WJ, Purvis CP, and V Challa: B-Mode Ultrasound Imaging Characterization of Atherosclerosis. In Atherosclerotic Plaques: Advances in Imaging for Sequential Quantitative Evaluation, RW Wissler, MG Bond, M Mercuri, P Tanganelli, and G Wever (eds.), Plenum Press, New York, NY, 1991, pp 141-146.

Journal Articles

Strickland HL and MG Bond: Aneurysms in a Large Colony of Squirrel Monkeys, Saimiri sciureus. Lab. Anim. Sci., 33: 589-592, 1983.

Bond MG, Wilmoth SK, Enevold GL, and HL Strickland: Detection and Monitoring of Asymptomatic Atherosclerosis in Clinical Trials. Am. J. Med., 86:33-36, 1989.

Strickland HL, Bond MG, Wilmoth SK, Phillips RM, Safrit AW, Szostak LE, and M Spainhour: Detecting and Monitoring Asymptomatic Atherosclerosis: Ultrasound Scanning and Reading Methods. Adv. Vascular Pathol., pp 115-120, 1990.

Mercuri M, Bond MG, Strickland HL, and LE Szostak: Future Issues in Regression Methodology. Adv. Vascular Pathol., pp 145-149, 1990.

Bond MG, Strickland HL, Wilmoth SK, Safrit A, Phillips R, and L Szostak for the MIDAS Research Group: Interventional Clinical Trials Using Noninvasive Ultrasound Endpoints: The Multicenter Isradipine/Diuretic Atherosclerosis Study. J. Cardiovasc. Pharmacol., 15(1): S30-S33, 1990.

Feehs RS, McGuirt FW, Bond MG, Strickland HL, Craven TE, and JG Hilltbrand: Irradiation: A Significant Risk Factor for Carotid Atherosclerosis. Arch. Otolaryngol. Head Neck Surg., 117:1135-1137, 1991.

Abstracts

Strickland HL, Rader B, and NDM Lehner: An Outbreak of Infection with Yersinia pseudotuberculosis in a Group of Macaques. Lab. Anim. Sci., 32: 426, 1982.

Mercuri MF, Bond MG, Strickland HL, Purvis CG, and WJ Bo: *In Vitro* B-Mode Imaging Characterization of Human Atherosclerotic Plaques. Circulation, 82 (Suppl III): 458, 1990.

Bo WJ, Mercuri, Dusseau J, Berberian PA, Strickland HL, Purvis C, and D Johnson: Relation of Angiogenesis to Atherosclerosis. Anat. Rec., 229: 10A, 1991.

Strickland HL, Tang R, and MG Bond. Atherosclerotic tissue. WFUSM Connectivity Expo 98. Abstract Book , I-01:28, 1998.

Bond MG, Tang R, and HL Strickland. Modifying vascular disease risks: international multicenter clinical trials using ultrasound endpoints. WFUSM Connectivity Expo 98. Abstract Book, V-17: 93, 1998.

Scientific Publications (continued)

Abstracts (Continued)

Tang R, Bond MG, and HL Strickland. Noninvasive measurement of atherosclerosis. WFUSM Connectivity Expo 98. Abstract Book, I-01:27, 1998.

Melek BH, Urbina EM, Ulusoy RE, Strickland HL, Bond MG, Kieltyka RL, Elkasabany A, Srinivasan SR, and GS Berenson. Influence of Cardiovascular Risk Factors on Intimal Medial Thickness at Different Segments of Carotid Artery. The Bogalusa Heart Study. Abstract No. 728. J Invest Med, 49: 137A, 2001.

Urbina EM, Kieltyka RL, Melek H, Strickland HL, Bond MG, Srinivasan SR, and GS Berenson. Multiple Cardiovascular Risk Factors Predict Increased Carotid Intima-Media Thickness in Healthy Young Adults Aged 20-38 Years: The Bogalusa Heart Study. Abstract No. 3784. Circulation Supp, 104: II-806, 2001.

Melek BH, Urbina EM, Ulusoy RE, Strickland HL, Bond MG, Kieltyka RL, Elkasabany A, Srinivasan SR, and GS Berenson. Contrast of Race & Gender Correlates Between Cardiovascular Risk Factors & Intimal Medial Thickness at Carotid Artery Bifurcation. The Bogalusa Heart Study. Abstract No. 729. J Invest Med, 49: 137A, 2001.

Melek BH, Urbina EM, Ulusoy RE, Strickland H, Bond MG, Kieltyka R, Elkasabany A, Srinivasan SR, and GS Berenson. Contrast of Race & Gender Correlates between Cardiovascular Risk Factors & Intimal Medial Thickness at Carotid Artery Bifurcation. The Bogalusa Heart Study. Abstract No. 3785. Circulation Supp, 104: II-806, 2001.

Berenson GS, Srinivasan SR, Urbina EM, Strickland HL, Bond MG, and RL Kieltyka. Carotid Artery Intima-Media Thickness (IMT) Associated with Multiple Risk Factors as an Indication of Systemic Atherosclerotic Vascular Disease: The Bogalusa Heart Study. Association of University Cardiologists, January, 2001.

Kieltyka RL, Urbina EM, Srinivasan SR, Strickland HL, Bond MG, and GS Berenson. The Association between Carotid Intima-Media Thickness and Framingham Risk Score in Healthy Young Adults: The Bogalusa Heart Study. J Invest Med, 50, 2002.