

Dr. Roger Russell Wilke

Abbreviated Vita

EDUCATION

Ph.D. (2000). The University of Texas at Austin.

M.S. (1995). Angelo State University, San Angelo, Texas

B.S. Biology. (1992). Angelo State University. San Angelo, Texas

CURRENT POSITIONS/RESPONSIBILITIES

- Faculty Senate President 2010-2011 Academic Year.
- Associate Professor of Biology (Tenured); Angelo State University, San Angelo, TX. 2000-present.
- Chairman – Health Professions Advisory Committee – Angelo State University, San Angelo, TX. 2007-present.
- Faculty Director – Joint Admissions Medical Program – Angelo State University, San Angelo, TX. 2002-present.
- Human Anatomy Coordinator – 20 Lab sections/year. 2000-present.

PAST POSITIONS

- Lecturer in Biology. Dept. of Biology – Angelo State University. 1999-2000.
 - Teaching Assistant. Biological Sciences – The University of Texas at Austin. 1997-1999.
 - Research Assistant. Center for Teaching Excellence – The University of Texas at Austin. 1997-2000.
 - Supplemental Instruction Leader. The Learning Skills Center – The University of Texas at Austin. 1997-1999.
 - Instructor in Biology – Angelo State University. 1995-1997.
 - Teaching Assistant. Dept. of Biology – Angelo State University. 1993-1995.
 - Graduate Assistant. Dept. of Biology – Angelo State University. 1992-1993.
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COURSES TAUGHT

Biology 6304 – Advanced Instructional Methods in Science Education

Biology 6181 – Seminar in Science Education

Biology 4181 – Biology Seminar

Biology 3101 – Genetics Laboratory

Biology 2424 – Human Physiology

Biology 2423 – Human Anatomy (Primary Charge)

Biology 1480 – Principles of Biology

Biology 1410 – Human Biology

PUBLICATIONS – 25 publications in various peer-reviewed journals on college science education.

Sample = Wilke, R. R. & Straits, W. J. (2005). Practical advice for teaching inquiry-based science process skills in the biological sciences. *The American Biology Teacher*, 67(9), 534-540.

PRESENTATIONS – 66 presentations given at the local, state, and national levels on college science education and avian ecology.

Sample = Wilke, R. R. and Adkins, C.L. (2009). Predictors of Success in a human anatomy course for non-majors (2009). Texas Academy of Science. Paper presented at the Texas Academy of Science Meeting, Texas Tech University - Junction, TX.

GRANTS/FUNDING – 7 local and state grants totaling more than \$120,000 in science curriculum development at the college level.

Sample = Wilke, R. R. & Griffin, M.T. (2002). Faculty Development and Enrichment Grant. The Incorporation of Active Learning into Human Anatomy Labs Using a Combined Regional-Systemic Approach (\$10686).

UNDERGRADUATE AND GRADUATE STUDENT RESEARCH – 16 student research projects directed (undergraduate and graduate) on various topics in biology and science education.

Sample = Ms. Shelly R. Novotny (graduated May, 2004). Nesting site preference of the cave swallow, *Petrochelidon fulva*, in west-central Texas. Successful Master's thesis defense. Angelo State University Department of Biology

LEADERSHIP/SERVICE – 29 committees (chairing 3) at the local (community and university), state, and national levels on various topics.

Sample = Chairman – Health Professions Advisory Committee – Angelo State University, San Angelo, TX. 2007-present

HONORS/AWARDS/ACHIEVEMENTS – 4 college teaching awards, 2 Graduate Fellowships.

Sample = Chancellor's Award for Excellence in Teaching at Angelo State University (2008-2009) awarded by the Texas Tech University System.

PROFESSIONAL AFFILIATIONS & MEMBERSHIPS – 5 Professional Affiliations

Sample = Human Anatomy and Physiology Society

PROFESSIONAL MEETINGS – 55 meetings attended at the local, state, and national level in science education, biology, and avian ecology

PROFESSIONAL CONTACT INFORMATION

R. Russell Wilke; Ph.D.

Associate Professor of Biology

Chair, Health Professions Advisory Committee

Joint Admissions Medical Program Faculty Co-Director

Angelo State University

Member, Texas Tech University System

ASU Station # 10890

San Angelo, TX 76909

Phone: (325) 942-2189 Fax: (325) 942-2184

russell.wilke@angelo.edu