

Nathaniel Mills
Biology Department

Education:

<u>Degrees</u>	<u>Year</u>	<u>Subject/Institution</u>
Ph.D.	1975	Medical Physiology, Vanderbilt University/Research in Cell/Molecular Biology, Baylor College of Medicine
B.S.	1969	Majors: (1) Chemistry (2) Biology, Western Kentucky University, Cert. Sec. Ed. State of Ky.

Academic Employment

2003 – present		Professor, Biology, Texas Woman's University
1991 – 2003		Associate Professor, Biology, Texas Woman's University
1994 – Date		Radiation Safety Officer, Texas Woman's University
1985 – 1991		Assistant Professor, Biology, Texas Woman's University
1981 – 1985		Senior Research Associate, Reproductive Biology, University Hospitals, Case Western Reserve University
1978 – 1981		Asst. Professor, Dept. Med. and Res. Chemist @ V.A. Case Western Reserve Univ. & Wade Park V.A. Med. Ctr.
Postdoctorate	1975-1978	Molecular Biology/Endocrinology, Pennsylvania State University Medical Center

Courses taught at TWU

Biology 1012 (Human Biology), Biology 1113 (Principles of Biology I), Biol. 1123 (Principles of Biology II), Biology 4813 (Cell, Molecular and Genetics), Biology 4823 (Cell, Molecular and Genetics II), Biology 5611 (Readings in Biology, weekly student presentations of research articles), Biology 4903.01 (Introduction to Biomedical Research – Bridges Program), Biology 5681 (Weekly biology Seminar), Zoology 2013 (Principles of Anatomy and Physiology I), Zoology 2023 (Principles of Anatomy and Physiology II), Zoology 2033 (Principles of Anatomy and Physiology, one semester), Zoology 3313 (Biology of Aging), Zoology 5423 (Endocrinology), Science 1003 (Fundamentals of Science), numerous courses for Masters in Teaching degrees and many independent studies and Research courses for both undergraduates and graduates.

Theses and Dissertations Directed

3 M.S. Thesis directed
3 Ph.D. Dissertations directed, 2 in progress
1 Ph.D. Dissertation (CoChair – in Nutrition)
Several undergraduate research projects: 2 currently

Research/Scholarship

My long term focus has been hormonal regulation of gene expression in male reproductive tissues. While conducting some of this research over the last 10 years I have placed increased emphasis on developing and implementing technologies to permit more sensitive and accurate analysis of gene expression. There is growing emphasis nationally in this area over the last 3-4 years. Some of my research in the last 3 years has been with a 2 – way confidentially disclosure agreement and is proprietary.

Professional Service

Editorial Board – Biology of Reproduction 2001-2004
Ad hoc reviewer – NIGMS, MBRS site visit, Chicago State University, PI grant

Professional Organizations

Society for Study of Reproduction, Endocrine Society, American Society of Andrology, American Association for the Advancement of Science