

Dr. P. Jane Brixey

Biology Professor, Cisco College

Education

Doctor of Philosophy Botany	May 11, 2002 Auburn University
Master of Science Wildlife Biology	June 9, 1989 Auburn University
Bachelor of Science Wildlife Ecology	July 27, 1984 Oklahoma State University
Associate of Science Biology	May 16, 1981 Seward Co. Com. College

Teaching Experience

Professor	2001 to Present
Full Time Instruction	Cisco College

Courses Taught: General Biology I & Labs, General Biology II & Labs, Microbiology & Labs, Anatomy & Physiology Labs, Nutrition.

College Service:

Student Activities Committee (since 2001, two years chairperson), Science Club (Faculty sponsor since 2004), Texas Community College Teachers Association (since 2001, three years Election Committee, one year Biology Section Leader).

Instructor	2000 - 2001
Full Time Instruction	Okla. Panhandle State Univ.

Courses Taught: Human Anatomy, Mammalian Physiology, Biochemistry, Classical Genetics, Molecular Genetics, Molecular & Cellular Biology, and Labs.

Instructor	1999
Part Time Instruction	Troy State University

Course Taught: General Microbiology

Instructor 1997 - 1998

Part Time Instruction Auburn University

Course Taught: General Biology and Labs.

Lecturer/Lab Coordinator 1989-1994

Full Time Instruction Tuskegee University

Courses Taught: General Biology I and II, Coordinated all Biology Labs, Academic Advising.

Instructor 1989

Part Time Instruction Rose State College

Courses Taught: General Biology and Labs.

Graduate Teaching Assistant 1985-1988

Part Time Instruction Auburn University

Courses Taught: General Biology and Animal Biology Labs.

Undergraduate Teaching Assistant 1984-1985

Part Time Instruction Oklahoma State University

Courses Taught: General Biology Labs.

Honors and Awards

MARC Faculty Fellowship 1994-1997

National Institutes of Health

\$105,900 to study plant molecular biology and genetic engineering in tobacco, sweet potato, and peanut nuclei and chloroplasts.

MARC Faculty Fellowship 1998-1999

National Institutes of Health

\$27,000 to study heat shock, genetic engineering, and chloroplast ultrastructure of the plant Arabidopsis.

Professional Development

Attends the Texas Community College Teacher's Association conventions every year including all biology section lectures.

Attends all Cisco College Science Club meetings, including speakers on the medical field, veterinary field, ecology, ornithology, mammalogy, etc.

Professional Presentations

Brixey, Patricia Jane. 2002. Analysis of Heat Shock Induced Cellular Effects in *Arabidopsis*. Ph. D. Dissertation. Auburn University, Auburn, Alabama. 1-54pp.

Brixey, P. Jane. 1989. Evaluation and Calibration of the U. S. Fish and Wildlife Service American Woodcock Winter Habitat Suitability Index Model. M. S. Thesis. Auburn University, Auburn, Alabama. 1-47pp.

Brixey, P. J., C. Guda, and H. Daniell. 1997. The Chloroplast psbA Promoter is More Efficient in *Escherichia coli* than the T7 Promoter for Hyperexpression of a Foreign Protein. *Biotechnology Letters*. 19 (4):395-399.

Professional Memberships

Texas Community College Teachers Association (since 2001, including three years on Election Committee and one year as Biology Section Leader).