



Agricultural and Environmental Sciences

Department of Agricultural and Environmental Sciences
COLLEGE OF ARTS AND SCIENCES

KEY STRENGTHS

- Faculty members nationally recognized in teaching, professional leadership and research/consulting
- Technologically advanced facilities
- High interaction between students and faculty
- Experiential learning
- Student involvement in faculty research projects

POINTS OF EXCELLENCE

- Students (26 percent) are readily accepted into top U.S. graduate and veterinary programs.
- Students excel in state, regional and national judging competitions.
- Several professors are North American College and Teachers of Agriculture (NACTA) Teacher Fellows.
- Faculty members hold professional leadership roles in multiple national organizations.
- The department was awarded the 1998 NACTA John Deere Award for outstanding agribusiness program in the southern region.
- The department is an institutional member of NACTA, the Agriculture Consortium of Texas (ACT) and the Consortium of Agriculture Programs at Independent Colleges and Universities.

DEGREE OFFERED

- Bachelor of Science

MAJORS AVAILABLE

- Agribusiness
- Animal Science
 - Pre-Vet/Science
 - Production Management
- Environmental Science
 - Field Technologies
 - Outdoor Studies
 - Politics and Public Policy
 - Wildlife and Natural Resource Management

CAREER OPPORTUNITIES

- Agribusiness sales
- Commodity brokerage
- Compliance officer
- Consulting firms
- DVM
- Eco-tourism and camp directors
- Energy technology
- Environmental lawyer
- Feed manufacturers
- Food procurement and distribution
- Laboratory research programs
- Naturalists
- Political lobbyist
- Production agriculture
- Regulatory agencies
- Soil, water or rangeland conservationist
- Wildlife biologist

STUDENT OPPORTUNITIES

Internship Opportunities

- Corps of Engineers
- Natural Resources Conservation Services
- Philmont Scout Ranch
- Texas Agricultural Experiment Station
- Texas Department of Agriculture
- United States Department of Agriculture

Clubs, Contests and Research Opportunities

- Nationally-associated pre-professional clubs and the AES Club are sponsored by the department.
- The Honor Society of Delta Tau Alpha recognizes high academic achievement in agricultural and environmental science students.
- ACU judging teams compete in state and national contests.
- Research opportunities

Scholarships available

- Dewey Davis Scholarship
- Ex-Aggie Scholarship
- F.M. Churchill Scholarship
- Guy E. Steen Scholarship
- Houston Livestock Show and Rodeo Scholarship
- King Foundation Scholarship for pre-veterinary students
- Orvall and Christy Grimm Scholarship
- Robert E. Malone Scholarship
- S.N. Allen Scholarship
- T.W. Colby Scholarship
- Virgil G. Money Scholarship
- ACT/SAT Academic Scholarships

Please consult with your admissions counselor for details on these and other scholarships available to you.

FACILITIES

The Department of Agricultural and Environmental Sciences has state-of-the-art classroom and lab facilities in the Zona Luce Building, one of the original buildings on campus.

The Rhoden Farm, located eight miles northeast of the campus, was donated to the university by Anderson Clayton & Company for use in the teaching program. This field laboratory includes a cattle feedlot, a confinement swine unit, crop land, and range and pasture land. Cattle, horses, swine, crops and pastures are maintained to support the courses taught in each of these areas.

The Smith Ranch at View is a research and application laboratory. Opportunities for brush and range management, soil and water conservation, and wildlife management give students a hands-on lab.

DEMOGRAPHICS

Majors in 2006-07 school year: 92

2006-07 graduates employed or accepted to graduate school by commencement: 50 percent

2005-06 graduates employed within 12 months: 100 percent

DISTINGUISHED ALUMNI

Bente (Osborn) Borland, class of 1997; agricultural appraiser and consultant specializing in the California dairy industry, Professional Ag Resources, San Diego, Calif.

Cindy (Beaver) Jouett, class of 1997; domestic and international clientele services for the stallion breeding operation, horse division, of the 6666 Ranch, Guthrie, Texas. She, along with her husband, manages their personal cattle and horse operation, Aspermont, Texas.

Hurley Miller, class of 1993; county extension director, Harris County, Houston. Hurley has earned numerous statewide and national honors and was recently named ACU Young Alumnus of the Year.

Shane Sawyer, class of 1995; involved in arbitrage trading between stocks and futures in liquid markets, Abraham Trading Company, Canadian, Texas.

Dr. Mike Stegemoller, class of 1996; finance professor and researcher regarding mergers and acquisitions, initial public offerings and privatization, Texas Tech University, Lubbock, Texas.

RECENT GRADUATES

Christy (Parker) Rutherford, class of 2007; Texas A&M University School of Veterinary Medicine, College Station, Texas.

Brandon Farrar, class of 2006; Environmental Plus, Inc., Eunice, N.M.

Will Stuteville, class of 2006; master's program in environmental management, Texas Christian University, Fort Worth, Texas.

Brandon Broyles, class of 2005; Texas A&M University School of Veterinary Medicine, College Station, Texas.

Chelsey Lindberg, class of 2005; University of Glasgow School of Veterinary Medicine, Glasgow, Scotland.

Travis Strate, class of 2005; ag-lender, Ag Credit Association, Sulphur Springs, Texas.

Samantha Valdez, class of 2005; Natural Resource Conservation Service, Caldwell, Texas.

FACULTY ACHIEVEMENTS

Bryan E. Brokaw, Ph.D. – president, National Block and Bridle, 2007-08; secretary, NACTA Judging Conference; ACU College of Arts and Sciences Professional Service Award, 2001.

James C. Cooke, Ph.D. – Faculty Renewal Leave to Honduras, 2005; Arete Award (civil and moral excellence) Abilene Chamber of Commerce and Abilene Educational Council, 2001; Outstanding Teacher Educator Award, Association of Texas Technology Education, 2000; ACU College of Arts and Sciences Educator of the Year, 1998.

Kent Gallaher, Ph.D. – NACTA Teaching Award of Merit, 2006; Judge, Texas FFA Science Fair, 2005-07; judge, Southern Weed Science Society graduate student contest, 2003; Lipscomb University Outstanding Teacher Award, 1999.

Emmett Miller – NACTA Teacher Fellow, 2006; NACTA Teaching Award of Merit, 2004; agriculture missions leadership with Healing Hands International in Honduras, 2001-02.

Foy D. Mills Jr., Ph.D. – NACTA Teaching Award of Excellence, 2007; Faculty Renewal Leave and Visiting Scholar at Texas A&M University, 2007; NACTA Southern Region Director, 2006-08; national advisor, Honor Society of Delta Tau Alpha, 1999-2003; ACU Faculty Advisor of the Year Award, 2001-02.

FACULTY

Bryan E. Brokaw, Ph.D., *professor*; B.S., ACU, 1971; Ph.D., Oregon State University, 1975; graduate research assistant, Oregon State University, 1971-75.

James C. Cooke, Ph.D., *professor*; B.S.Ed., ACU, 1973; M.S., University of North Texas, 1978; Ph.D., University of North Texas, 1994.

Mhlanga Florah, Ph.D., *professor*; BSc., University of Zimbabwe, 1986; M.S., Michigan State University, 1990; Ph.D., Michigan State University, 1994; lecturer, 1994-2002 and animal science department chair, 1999-2001, University of Zimbabwe; professor, Faulkner University 2002-07.

Kent Gallaher, Ph.D., *associate professor*; B.S., Lipscomb University, 1991; M.S., University of Tennessee, 1994; Ph.D., University of Tennessee, 1996; graduate research assistant, University of Tennessee, 1991-96; assistant and associate professor, Lipscomb University, 1996-2004.

Emmett Miller, *assistant professor*; B.S., ACU, 1970; M.S., ACU, 1980; A.B.D., Oklahoma State University, 1993; owner/operator, Five Bar Ranch, Goldthwaite, Texas, 1970-present.

Foy D. Mills Jr., Ph.D., *professor, chair*; B.S., Lubbock Christian University, 1980; M.S., Texas Tech University, 1983; Ph.D., Texas Tech University, 1987; instructor and assistant professor, Lubbock Christian University, 1981-84; USDA-ARS National Needs Fellow, Texas Tech University, 1985-87; assistant professor and extension agriculture economist, University of Georgia, 1987-89.

FOR MORE INFORMATION

About the Department

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About ACU and Admissions

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