



# Agricultural and Environmental Sciences

**Department of Agricultural and Environmental Sciences**  
COLLEGE OF ARTS AND SCIENCES

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## 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 are readily accepted into top U.S. graduate and veterinary programs.
- Student employment placement rate is high.
- 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 (CAPICU).
- Students are charter members of the Texas Collegiate Agricultural Students Alliance (Tx CASA) in association with the Agriculture Consortium of Texas (ACT).

## DEGREES OFFERED

- Bachelor of Science

## MAJORS AVAILABLE

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

## CAREER OPPORTUNITIES

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

## STUDENT OPPORTUNITIES

### Internship Opportunities

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

### 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 in range management and sustainable agriculture.

### Scholarships available

- Houston Livestock Show and Rodeo Scholarship
- King Foundation Scholarship for pre-veterinary students
- T.W. Colby Scholarship
- Dewey Davis Scholarship
- S.N. Allen Scholarship
- Ex-Aggie Scholarship
- F.M. Churchill Scholarship
- Robert E. Malone Scholarship
- W.S. Taylor Scholarship
- Orvall and Christy Grimm Scholarship
- Guy E. Steen 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 classrooms 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 2005-06 school year:** 67

**2005-06 graduates employed or accepted to graduate school by commencement:** 50 percent

**2004-05 graduates employed within 12 months:** 100 percent

## DISTINGUISHED ALUMNI

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

**Richard E. Myers**, class of 1962; consultant to Cheminova, Inc. for the Boll Weevil Eradication Programs across the cotton belt in Bartlett, Tenn.; retired range conservationist with USDA Soil Conservation Service; and retired sales representative for Ciba-Geigy Agri Chemical Division and United Agri Products, Inc. (Division of ConAgra Foods).

**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

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

**Bradley Hardin**, class of 2005; master's program in rangeland ecology, Texas Tech University, Lubbock, 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.** – ACU College of Arts and Sciences Professional Service Award, 2001; secretary, NACTA Judging Conference.

**James C. Cooke, Ph.D.** – Sabbatical Award 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; 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 Southern Region Director, 2006-08; national advisor, Honor Society of Delta Tau Alpha, 1999-2003; ACU Faculty Advisor of the Year Award, 2001-02; Sabbatical Award, Spring 2007.

## FACULTY

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

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

**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., Abilene Christian University, 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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