

The AgriBulletin

Volume 1, August 2006

Activities of the Department of Agricultural and Industrial Sciences

This bulletin is the first of what will be a monthly effort to communicate the activities of faculty, staff and students in the Department of Agricultural and Industrial Sciences. This month we examine the summer months of June and July.

Students Study in China

- ✓ Eleven SHSU students and faculty member Michael Lau studied agriculture in China from June 2-17. A collaborative project with Texas Tech University, the students visited Shangdong Agriculture University in Taian, Gansu Agricultural University and Lanzhou University in Lanzhou, and China Agricultural University in Beijing. The students, who earned six hours of college credit, included Matthew Albritton, Shiloh Guerrant, Benjamin Kleinsasser, Angela Oliver, Patti Perque, Richard Phillips, Kimberly Richardson, Casey Rozell, Jordan Stokes, Denise Wall, and James Yorek.

2006 NACTA Conference: Vancouver, British Columbia

- ✓ Faculty members Marcy Beverly, Stanley Kelley and Dwayne Pavelock, with graduate students Bryn Behnke and Sharon Frey, attended the annual conference of the North American Colleges and Teachers of Agriculture in Vancouver, British Columbia on June 6-9. Conference highlights for the department included the following:
 - Sharon Frey received the Outstanding Graduate Student award.
 - Marcy Beverly presented a poster entitled, "Evaluating University Teaching: A Summary Report of Student Ratings". Co-authors included Stanley Kelley and graduate students Bryn Behnke and Casey Williams.
 - Graduate student Bryn Behnke presented a poster entitled, "A Description of Chapter Participation in the 2000-2005 Texas FFA Area Leadership Development Events". The poster was co-authored by Bryn Behnke, Marcy Beverly, Doug Ullrich, Dwayne Pavelock, Roger Hanagriff and Stanley Kelley.
 - Stanley Kelley presented a paper entitled, "Character and Ethics of Texas' 4-H and FFA Youth". The paper was co-authored by Marcy Beverly.
 - Dwayne Pavelock presented a paper entitled, "High School Counselor Perceptions of Agricultural Science". The paper was co-authored by Doug Ullrich, graduate student Lindsey Kilcrease, and Roger Hanagriff.
 - Tim Pannkuk was lead author to a paper and co-author for a poster presentation with students and faculty from Texas A&M University. The paper was entitled, "Relationship of Student Teachers' Knowledge and Teaching Comfort Levels with Agricultural Science and Technology Objectives". The poster was entitled, "Five-Iteration Online Survey Method Replicated Response-Pattern Curves Seen by Other Researchers".
 - Abstracts of the above papers and posters were published in the June 2006 issue of the *NACTA Journal*.

Palawan State University; Philippines

- ✓ The Department was instrumental in hosting 25 Palawan State University (Philippines) administrators, faculty, and world-class dance troupe for three performances in Huntsville. The event sparked interest in programs for research, faculty, and student exchange. Other venues for the group were San Francisco and Los Angeles. Phil Hamilton coordinated the efforts.

TEA Certification Workshops

- ✓ Joe Muller taught the Agricultural Mechanization and Technology Certification Workshop from June 5-23. Attended by agriscience teachers from across the state, the workshop was made possible through a grant from the Texas Education Agency.
- ✓ Dwayne Pavelock and Doug Ullrich coordinated the Work-Based Learning Certification Workshop on June 13 & 14. Held at the Region VI Education Service Center for 37 high school agriscience teachers from across the state, the workshop was made possible by a grant from the Texas Education Agency through Texas A&M University. Pavelock and Ullrich were also presenters during the workshop.

SHSU Rodeo Team

- ✓ Eight SHSU Rodeo students, coached by Roger Hanagriff, qualified for the College National Finals, held in Casper, Wyoming in June. The Women's Team was named 2006 Reserve Champions of the Southern Region. The 2005 edition of the SHSU Collegiate Rodeo was named Southern Region Rodeo of the Year, and Hanagriff was named Southern Region Rodeo Coach of the Year.

Leadership Education Institute; Big Sky, Montana

- ✓ Doug Ullrich was selected as one of ten representatives from Colleges and Departments of Agricultural Sciences to participate in the Leadership Education Institute, funded by a USDA Higher Education Challenge Grant. The first workshop was held in Big Sky, Montana on July 7-12. Other programs will be held next summer at other locations.

International Business and Economics Conference; Hawaii

- ✓ Roger Hanagriff presented a research paper at the Hawaiian International Business Conference entitled, "Assessment of a State Sponsored Tourism Development Program - A Case Study Using the Texas Department of Agriculture's Texas Yes! Program". Co-authors included Stanley Kelley and Michael Lau, as well as Tim Murphy of Texas A&M.
- ✓ Roger Hanagriff also presented a research paper at the International Business and Economics Conference entitled, "Assessment of a State Sponsored Marketing Program - A Case Study Using the Go Texan Marketing Program (GOTEPP)". Co-authors were Michael Lau and Stanley Kelley.

ASABE International Meeting; Portland, Oregon

- ✓ Doug Kingman was the lead author of a peer-reviewed paper and presentation entitled, *Liberty Tube: Engulfment Rescue Device*, which was presented at the 2006 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting held July 9-12 in Portland, Oregon.

Water Use Research Program

- ✓ Tim Pannkuk spent significant time this summer setting up a multitreatment replicated field experiment using lysimeters to study landscape water use. This experiment is set up in College Station and is replicated in San Antonio. This controlled study will be compared to built landscapes in Bryan and Weslaco where water use is being monitored.

"Texas, Yes!" Rural Economic Development Projects

- ✓ Roger Hanagriff served as a speaker and coordinator for several "Texas, Yes!" Rural Economic Development projects throughout the summer. The seminars were held in Giddings, Kemah, and Athens.

Goat Research Program

- ✓ Bobby Lane worked with graduate student Sajeewa Amaradasa, a Sri Lankan native, on Sajeewa's master's thesis project. The three-month laboratory and field study is designed to determine migration patterns of intestinal parasites of goats, specifically the barberpole worm (*Haemonchus contortus*), in heavily infected bermudagrass and bahiagrass pastures. A goal of the project is to provide goat producers in the humid region with additional management strategies to reduce nematode infection levels in their flocks.

State FFA Convention: Fort Worth, Texas

- ✓ Several faculty and students attended the State FFA Convention in Fort Worth from July 10-14. Some of the activities were as follows:
 - The Ag Ambassadors received over 1,500 information request forms about SHSU and the department through the exhibit booth. Stanley Kelley coordinated the exhibit.
 - Dwayne Pavelock served as General Superintendent for the State FFA Speaking Development Events. Twenty students enrolled in his AGR 488 and AED 576 courses were also in attendance to assist with multiple activities.
 - Student Lenzi Barthold completed her year of service as a state FFA officer.
 - Doug Ullrich and Dwayne Pavelock assisted in conducting the State Collegiate FFA portion of the convention.
 - Jenni Largent was elected state Collegiate FFA treasurer, and Cari Brinlee completed her year of service as state Collegiate FFA treasurer.
 - Graduate student Shannon (McGinty) Watson placed 2nd in Job Interview.
 - Student Heather Wallace was on the 1st place team in the Ag Quiz Bowl.

Ag Ambassadors

- ✓ The Ag Ambassadors conducted several leadership seminars and programs on college and life after high school.

State Agriscience Teachers Conference: Amarillo, Texas

- ✓ Faculty and students attended the State Professional Development Conference for Agricultural Science Teachers in Amarillo from July 24-28. Their involvement included:
 - Joe Muller was a co-presenter of two professional development workshops.
 - Dwayne Pavelock facilitated and was co-presenter of a workshop regarding parliamentary procedure and the FFA chapter conducting event.
 - Roger Hanagriff made a presentation at the Opening General Session regarding his research work about the economic impact of Supervised Agricultural Experience Projects in agriscience and the FFA at the high school level. He is collaborating with Doug Ullrich and Dwayne Pavelock in the research project.
 - The Ag Ambassadors staffed the exhibit booth to recruit prospective graduate students and inform agriscience teachers about the department and degree programs.
 - Ag Alumni Association hosted their annual social with over 200 alumni in attendance for the steak dinner and fund raising activities.

AAEA Conference: Long Beach, California

- ✓ Phil Hamilton, Michael Lau, and five students (Brian Pape, Leah Lankford, David Sims, Brett Halfman, and Chad Turley) attended the American Agricultural Economics Association [AAEA] Academic Quiz Bowl in Long Beach, California on July 22-26.
 - One team placed 10th out of 33 teams attending. Halfman and Sims presented scientific papers at the contest – Halfman wrote about practical uses of GPS and Sims reported on organic beef rules and feasibility.
 - Lankford was elected Southern Region Vice President of the AAEA Student Section and Hamilton was elected Advisor (four-year term).
 - Hamilton and Art Wolfskill, along with Illinois State University colleague Patrick O'Rourke, were finalists with their poster on using the ProStar® Fertilizer Management Simulation for teaching undergraduates and adults.
 - Hamilton moderated a marketing session of papers presented.

University Exchange Program: Palawan, Philippines

- ✓ Phil Hamilton traveled to Puerto Princesa, Palawan, Philippines, for a university exchange from July 26-August 8. Six research collaborations were created: rubber, palm oil, abaca, seaweed, cashews, and tourism. While there, Hamilton also participated in the following:
 - Co-guest lecturer on “Using ProStar® Fertilizer Management Simulation for Undergraduate Instruction.”
 - Co-presenter for a guest lecture on “Writing Across the Disciplines.”
 - Led a round table discussion on Agricultural Extension with city and other officials in Puerto Princesa, Palawan, Philippines.
 - Gave an inspirational speech to 500 business club members at their annual banquet.

