

AMERICAN



ASSOCIATION

for

AGRICULTURAL

EDUCATION

Newsletter

Fall, 2002

American Association for Agricultural Education

AAAE Newsletter

Fall 2002

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News from the Profession

Welcome to the Fall, 2002 edition of the AAAE Newsletter. This newsletter probably arrives about midway through the Fall Semester. Hopefully, you have gotten off to a great start to the academic year.

Thanks to all the states and institutions contributing to this newsletter. Clearly, there is a lot happening in all areas of the profession. I hope everyone takes the time to read this newsletter. It is important to take a few minutes of our time to find out what everyone is doing. There are major achievements that we all need to be made aware of and celebrate. Congratulations to everyone for making a major difference in the lives of our stakeholders. In reviewing this newsletter, it is clear that AAAE members are having a significant impact in higher education.

I hope you plan to attend the annual conference in Las Vegas in December. AAAE faces some significant challenges as it considers its relevance and how it can best operationalize a shared vision that may need some polish and refinement. I hope you can be a part of our exciting future. It all begins in Las Vegas!

For the good of AAAE!!

Robert A. Martin
President-Elect &
Newsletter Editor

Iowa State University

Carrie Fritz, Lecturer in Agricultural Education, joined our faculty in August. Carrie recently completed her Ph.D. and will be serving the department by teaching a course in leadership and a course in agricultural communications. She will also follow-up student teachers in the Spring.

Jean Bessman recently joined our staff and will be assisting with the Ag 450 Farm accounts and help with managing the advising system and database management in the department.

Several faculty and staff conducted study abroad programs this past summer. These programs involved numerous students from the department. Ag Ed & Studies is one of the leading departments in the College of Agriculture engaging in international travel and study abroad: **Greg Miller**: Scotland; **Helen Olson**: France; **Paula Teig and Chuck Steiner**: Australia. Some of our faculty and students also traveled to Costa Rica, South Africa, England, China and Mexico. These travels were for conferences, workshops and consulting: **Nancy Grudens-Schuck, Lynn Jones, Theresa Sikinyi, Wade Miller, and David Acker. Brett Kramer**, a Ph.D. candidate, has been conducting research in Uruguay and Brazil.

Nancy Grudens-Schuck and **Lynn Jones** have recently completed a national Kellogg funded project to improve relationships between states and tribes in areas of natural resource and economic development.

Lynn Jones is a principal investigator (PI) for a FIPSE grant focused on internship learning involving ISU, UC Davis, University of Nebraska and colleges in France, Denmark and Ireland. He is also PI for a challenge grant on internship learning in cooperation with the Monterrey Institute of Technology in Mexico. Jones has also been a part of a project assisting the Mangosuthu Technicon in South Africa for the improvement of experiential learning.

Enrollment in the undergraduate program is still very high with 420 students in two majors – Agricultural Education and Agricultural Studies. Graduate student numbers are very high with over 50 students in the Distance Education Masters of Agriculture Program and nearly 50 active students in M.S. and Ph.D. programs in Agricultural Education.

The Ag Comm – Communication Across the Curriculum/Program, directed by **Robert Martin** and **Rebecca Burnett**, is serving as a model for the university to develop its plan to improve communication skills (writing, oral, visual and electronic) of all students at ISU.

Wade Miller is teaching a new course on distance education methods for mid-career professionals in community colleges through the College of Education Masters degree program in Educational Leadership & Policy Studies. Wade is also serving as a consultant for the Ag Knowledge program, a national project conducted by the Kirkwood Community College as a part of its special National Science Foundation Grant.

The Governor's Council on Agricultural Education recently published a new handbook on program standards for secondary school agricultural education in Iowa. This handbook complements the previously published curriculum standards and benchmarks booklet. **Robert Martin** is chair of The Governor's Council.

Greg Miller has been chairing our departmental committee on the curriculum. Revisions and changes have been made to make our department programs more up-to-date, efficient and effective. This has been a challenging process and the results will serve the department well for several years.

Harold Crawford continues to lead a major USDA project on Natural Resource Education with Tribal Colleges in the Midwest. He also teaches a popular course on grant writing. Dr. Crawford is leading an effort to develop a document that chronicles the history of the department. The AgEdS department just celebrated the 90th year of the agricultural education curriculum at ISU.

Louisiana State University

Brad Greiman and **Krisanna Machtmes** joined the faculty in July. Brad taught agriculture for 21 years in Iowa. His B.S. and M.S. are from Iowa State, and his Ph.D. is from the University of Missouri. In Iowa, he developed a model program that earned state honors as the Outstanding Agricultural Education Program, Best Use of Advisory Committees, and Top FFA Chapter. He served as President of the Iowa Association of Agricultural Educators, and FFA Superintendent at the Iowa State Fair. Brad will teach our methods courses and his research will focus on professional development of educators, with emphasis on beginning teacher induction. **Krisanna** is jointly appointed with the School and the LSU AgCenter's Institutional Research and Organizational Development unit. She received her B.S. from Wyoming, her M.S. from Washington State, and her Ph.D. from Purdue. Her dissertation received the Charles A. Wedemeyer Award in research from the American Journal of Distance Education. She co-authored the Four-Fold Youth Development Model and interactive website. The web-based evaluation on this site has received the Maxmin Award and the Excellence in Program Evaluation Award from the American Evaluation Association. Krisanna will teach program evaluation and qualitative research methods. Her research will focus on distance education and program evaluation with an emphasis on developing web-based evaluation to assist with planning and evaluating programs.

Satish Verma is working with an agricultural development project in Ukraine. The LSU AgCenter is the lead contractor for a USAID-funded technical assistance project to develop an extension system to help private farmers and household plot owners in three states in Ukraine increase their agricultural productivity and income. The current project is an expansion of an earlier project which succeeded in gaining the trust, involvement, and improvement in agricultural practices of farmers through education programs that encouraged their active participation. **Robert Richard, Satish Verma, Debra Davis,** and **Krisanna Machtmes** are working with the Louisiana Cooperative Extension Service to initiate a comprehensive review of extension programs in all parishes to ensure that relevant, quality programs focused on needs and issues are conducted. Eight parishes will be reviewed in the fall of 2002 as a pilot measure. **Mike Burnett** and **Gerri Holmes** are working on a new agricultural communications option at the undergraduate level. All arrangements between the School of Human Resource Education and Workforce Development and the School of Mass Communications are in place. The paperwork is making its way through the courses and curricula committees. **Mike Burnett, Gerri Holmes,** and **Joe Kotrlik** are working on preparations for NCATE Accreditation. The site visit is scheduled for fall, 2003. As a part of this preparation, **Joe Kotrlik, Donna Redmann, Brad Greiman,** and **Krisanna Machtmes** have initiated a study of the quality of program graduates based on NCATE standards. **Joe Kotrlik, Donna Redmann,** and **Bruce Douglas** are involved in a major study of how technology has been integrated in the teaching-learning process in workforce development programs.

The **Louisiana FFA Office** and the **Louisiana Agricultural Education Program Office**, both located in the School, continue to build Louisiana's program. FFA Executive Secretary **Brad Leger** and Program Leaders **Bruce Frazier** and **Bruce Lazarus** have taken an active role in working with the legislature, agricultural industry, Farm Bureau and others to develop legislative and financial support for agricultural education. A bill was passed last year that created a 25 member statewide agricultural education program advisory council, with the membership including legislators, the state superintendent of education, university administrators, and industry representatives. The committee will report back to the legislature in 2003. **Louisiana Team Ag Ed** consists of representatives from the Louisiana FFA, State Agricultural Education Office, LVATA, SDE, and institutions that offer agricultural education. **Joe Kotrlik, Brad Greiman,** and **Krisanna Machtmes** represent LSU. Topics discussed at the fall meeting included the teacher shortage, New Teacher Certification Structure, Alternative Certification Program, legislation for a proposed Louisiana Agriscience Resource Center, and agricultural literacy.

Michigan State University

New Initiatives: Initiatives are underway to develop model agriscience, agricultural literacy and natural resources programs in two of Michigan's larger metropolitan areas. A model program is being explored in the Lansing area that would involve a local elementary and high school implementing a career pathway in natural resources and agriculture. A high school in the Grand Rapids area is exploring the opportunity to develop a "world class" agriculture, natural resources and environmental science school. Both programs would involve expanding their reach into local communities to meet the needs of both rural and urban audiences.

Undergraduate News: Michigan State University has 15 student teachers interning in agriscience programs this semester. This is one of our largest intern classes in the last two decades. There are currently 80 undergraduates in the agriscience program at MSU.

Departmental Integration: The Department of Agriculture and Natural Resources Education & Communication Systems (ANRECS) is one of three units in the College of Agriculture and Natural Resources at Michigan State charged by the Dean to undertake a "strategic integration" during the current academic year. As part of the integration, it appears the technology and communications support dimensions of ANRECS will be realigned and will not be part of the new unit. The other units involved in the integration are Resource Development and Park, Recreation and Tourism Resources. Part of the overarching rationale for the charge is to create a department for integrated social science teaching, research and outreach--a department that can bring holistic philosophical, theoretical and practical perspectives to both agriculture and natural resources issues.

Strategic Planning: Agriculture and Natural Resources Education (ANRE) professionals in Michigan have undergone a strategic planning effort to not only to make a strong case for the viability and vitality of ANRE in Michigan, but to provide an innovative, thoughtful, systematic and reasonable plan of action to not only strengthen existing programs, but to expand programmatic efforts into urban and suburban areas, as well as into the elementary and middle schools. This effort is, first and foremost, teacher inspired and teacher driven.

Study Abroad: The Department of Agriculture and Natural Resources Education & Communication Systems faculty took either graduate, undergraduate or adult learners to Australia, New Zealand; Ireland, Scotland and England; South Africa; and Argentina this past spring and summer. The department is planning to conduct educational programs in the same countries in the future in addition to Mexico, Nepal and the Philippines. If other Universities are interested in collaborative study trips, don't hesitate contacting us.

Personnel: Dave Krueger and Mikel Woods have completed their first year as the newest additions to the Department's faculty. Dave's assignment consists of 70 percent teaching/advising in Agriscience Education and 30 percent extension work with 4-H and FFA youth development. Mikel has a 75 percent teaching role in ANR Communications with a service learning research component and a 25 percent experiment station research appointment involving risk communication.

Montana State University – Bozeman

New Graduate Students

Katie Cooper, Jennifer Bocksnick, Lucas Porter, and Danielle Price have joined the MSU Agricultural Education Program as graduate students. Danielle Price has teaching experience in Washington and Montana. Katie Cooper and Jennifer Bocksnick are recent graduates of the MSU Agricultural Education program. Lucas Porter has an undergraduate degree in Animal Science from the University of Nebraska-Lincoln.

NASA In-Service Instruction

Van Shelhamer has received additional NASA grant funds to continue the in-service instruction in geographic information systems, global position systems and remote sensing for Montana teachers. He also received funds to conduct a feasibility study to determine if a nonprofit organization should be created to provide instruction in these areas, to producers, local and county governments, and USDA agencies in the Upper Midwest Aerospace consortium states of North and South Dakota, Wyoming, Idaho and Montana.

Pilot test of software

A 3-D visualization software will be pilot tested with high school teachers and agriculture producers to determine its effectiveness in learning about field and crop characteristics from remote sensed images. Ground truthing and remote sensing data were collected this past summer and will be used in the pilot project. Funds for this activity are from a USDA Initiative for Future Agriculture and Food Systems grant.

R.E.A.D.I. Workforce Training System

Van Shelhamer has provided leadership to the creation of a R.E.A.D.I. Workforce Training System. The purpose of the organization is to create synergistic partnerships among identified, private sector employers, community leaders, and educators that will “drive” the “just in time” workforce training system.

Croatian Curriculum And Outreach Project

Dr. Frick, Dr. Doug Bishop and Bill Jimmerson, Conrad HS Agricultural Education instructor, traveled to Croatia this summer to work with the University of Zagreb to establish a formal Cooperative Business curriculum and outreach program. University of Zagreb Agriculture faculty traveled to Montana State University – Bozeman in late September and early October. Dr. Frick, Dr. Bishop and Bill Jimmerson provided assistance in developing the curriculum, conducting seminars and consulting with agriculture professionals in Croatia. The project is funded by the Association Liaison Office for University Development.

Electronically – Based Cooperative Business Materials Project

Dr. Marty Frick, Agricultural Education and Will Lanier, Entomology continue their work on a USDA -RBS grant to develop electronically-based instructional materials for Cooperative Business Educators. The project involves developing content specific instructional materials as

well as professional development materials targeted at members of the Association of Cooperative Educators.

StrengthsFinder Project

Dr. Marty Frick was awarded a grant by National FFA organization to conduct research related to the Gallup StrengthsFinder program initiated by National FFA. Dr. Frick and Katie Cooper, graduate student, will target their research on the StrengthsFinder results of agricultural education student teachers in several western states.

Morehead State University

Morehead State University and the Agricultural & Human Sciences Department has seen an increase in student enrollment. The enrollment in Agricultural Education majors has also increased by 25% over last year.

The Agricultural Education Program welcomes Dr. Adam Kantrovich as the new Agricultural Teacher Educator. Dr. Kantrovich's experience in education, extension, and industry will be well utilized in this position. Dr. Kantrovich received his doctorate from Virginia Tech in May of 2002 and received his B.S. and M.S. from Southern Illinois University at Carbondale. Dr. Kantrovich is planning on performing research in program assessment and evaluation, technology, and agricultural terrorism issues.

Murray State University

Dr. Matthew Portillo has joined the Agriculture Education faculty of Murray State University this fall. He received his doctorate from Oklahoma State University in May 2002. As part of his joint appointment with the School of Agriculture and the College of Education, Matthew will teach classes in Agricultural Teacher Education and Career and Technical Education.

The Agriculture Education program is now in the final stages of a cooperative partnership with the newly created Career and Technical Education Teacher Education program. The Agriculture Education program will continue to be administered in the School of Agriculture but students will also be taking core courses with other Career and Technical Teacher Education students. The addition of the new faculty position came about as a result of this exemplary pilot project.

Enrollment in the School of Agriculture and the Agriculture Education program continues to escalate. It is anticipated that there will be a record number of student teachers in the spring semester. In addition to the academic program, MSU Agriculture Education provides many services for area FFA Chapters. Attendance at the Racer Roundup FFA Leadership/Motivational Conference and the Regional and State Officer Training Seminar continues to grow.

Dr. Tony Brannon, Academic Program Coordinator for the School of Agriculture and Professor of Agricultural Education, will receive the Honorary American FFA Degree at the National Convention in November. **Dr. Jay Morgan** continues his duties as Assistant Professor and Coordinator of Agriculture Education.

**NEW MEXICO STATE UNIVERSITY
DEPARTMENT OF AGRICULTURAL & EXTENSION EDUCATION**

NMSU's Department of Agricultural and Extension Education has had a busy and productive summer. The Fall is also proving to be just as exciting. Included are the happenings in our department.

The department would like to welcome Associate Professor Dr. Randall Andreasen to NMSU. Dr. Andreasen recently joined the program from Southwest Missouri State University. He is in charge of teacher pre-service training and working with Agriculture in the Classroom. Other additions to the department include our two new graduate assistants. Patrick Padilla is a graduate of our undergraduate program and Vigo Torske joins us from Eastern New Mexico University. Welcome to all!

In addition to welcoming people, we would also like to wish a happy retirement to Dr. Ken Sabo. Dr. Sabo has been a faculty member at New Mexico State University since 1978, and taught for the department from 1990-2002. In addition to his teaching duties, Dr. Sabo was actively involved in the National 4-H Shooting Sports program. Thank you Dr. Sabo for your many years of service!

We would also like to congratulate two of our professors on their recent promotions. Dr. Brenda Seevers was promoted to full professor this summer, and Dr. Carlos Rosencrans was tenured and promoted to Associate Professor this summer as well. In addition to tenure and a promotion, Dr. Rosencrans also received the 2002 Western Region John Deere Award from the National Association of Colleges and Teachers of Agriculture. We are very proud of you both!

Our summer was also filled with fun and exciting workshops for teachers, extension educators, and other professionals. The department sponsored a total of eight short courses including workshops on windmill technology and agricultural safety, an agricultural tour of New Mexico, and "¡Hay, Chihuahua! Taste of Mexico". The windmill technology workshop focused on the history, uses, and repair of windmills commonly used in New Mexico and west Texas. The agricultural safety workshop was a pre-session offered as part of the New Mexico Agricultural Education Teachers Association summer conference with an emphasis on teaching farm and ranch safety. The agricultural tour of New Mexico highlighted premier agricultural production and processing facilities in the state. Some of the stops included Dairy Farmers of America, Rowland's Nursery and Plant World Wholesale, Skyline Produce, and Rio Grande Spice Company. "¡Hay, Chihuahua! Taste of Mexico" was also a traveling classroom that provided teachers in the state an opportunity through the Agriculture in the Classroom program to travel into the Mexican state of Chihuahua and learn about agriculture production, culture, education, and policy. The educational experience included stops at the International Livestock Border Crossing, the Paquime Ruins and meeting with teachers from the agricultural school in Nuevo Casas Grandes, a red and blue corn farm and processing facility, as well as the central food distribution center in the city of Chihuahua.

Projects for the Fall include remodeling of the agricultural mechanics teaching facility and developing an agriscience and technology modular teaching laboratory. The laboratory will offer representative modules in hydroponics, aquaculture, tissue culture, robotics, and electronics. These modules will be used as a curriculum integration tool by students and teachers.

For more information on any of the past or present projects sponsored by the department, please feel free to contact us at (505) 646-4511.

New York-SUNY Oswego

Dr. Penny Haase Wittler was elected 2nd Vice-president of the Board of Directors of the National Council for Agricultural Education.

Dr. Wittler also serves as PAS national officer coordinator. In this capacity she works with student officers throughout the country as they prepare for their terms of service. She promotes the teaching of agriculture as a career choice.

Penny will be developing 2 online courses for Spring delivery. She will develop a grad course "Learning Theories in Vocational Education" and be the lead developer of the methods course described below.

The Department of Vocational Teacher Preparation is developing the final UG core course for web/online offering. Methods of Teaching Vocational Subjects will be offered on-line during the spring of 2003 with a one week residency (on Lake Ontario) during the summer of 2003. With this final component being implemented students can complete certification and a degree in 6 areas in career and technical education including agricultural education completely online with only one week on campus. The next step will be to put the entire graduate certification online.

The department is working with a statewide council organized by the Dean of the College of Agriculture and Life Sciences at Cornell University to address challenges of agricultural teacher education. Four task forces have been formed to increase students completing agricultural education programs and choosing the teaching of agriculture as a career. Susan Camp chairs the task force on curriculum linkages.

Dr. Susan Camp is completing her term as Past-President of the American Vocational Education Research Association (AVERA).

North Carolina State University

Program Reviews:

Our department seems to be swamped with accreditation visits and program reviews. We completed our NCATE accreditation last spring and the accompanying State Department review of our Agricultural Teacher Education program. This year we are preparing for a university level review of our undergraduate programs—teacher education, extension education, and agricultural communications. Of course everyone wants assessment data, so we are busy collecting the data for our university.

Biotechnology Workshop Was a Success!

Dr. Beth Wilson conducted a workshop for North Carolina agriculture teachers and for science teachers on applications of biotechnology. This is the third consecutive year for the workshop that was funded through a grant from the North Carolina Biotechnology Center. A total of 24 teachers participated in the five-day workshop that focused on laboratory activities in biotechnology.

Dr. Wilson also coordinated the national inservice for the biotechnology curriculum developed by the National Council for Agricultural Education. The inservice was held in St. Louis in June.

Grants

The department was awarded a USDA Challenge Grant to develop undergraduate on-line courses in Agricultural Education using an Open Courseware approach. Open Courseware was a concept developed by the Massachusetts Institute of Technology that placed courses on the web on a free access basis. Anyone who wishes to use the course or course materials may do so. Courses will be developed in collaboration with other universities. The PI's on the project are Dr. Gary Moore, Dr. Jim Flowers, Dr. Barry Croom, and Dr. Elizabeth Wilson.

AIAEE Meets in Raleigh

The annual meeting of the Association for International Agricultural and Extension Education will be meeting in Raleigh next spring. Dr. John Richardson is serving as the Past President of AIAEE. We are looking forward to welcoming many of our colleagues to that meeting.

Agricultural and Extension Education Students Earn Over a Quarter of a Million Dollars in University-Based Scholarships!

Students in the Department of Agricultural and Extension Education were awarded \$255,116 in scholarships by North Carolina State University. This includes the 27 Teaching Fellows enrolled in the department this semester. In addition to this amount, students in Agricultural and Extension Education also received scholarships from NAAE, from the National FFA, and the North Carolina Farm Bureau, as well as locally awarded scholarships. The average high school grade point average for entering freshmen in the department this fall was 4.2 (based upon extra weight for advanced courses).

Total enrollment in Agricultural and Extension Education at NC State University this fall at the undergraduate and graduate levels was 223 students.

The Ohio State University

Personnel - **L. H. Newcomb** was named as the first endowed Price Chair in Teaching, Advising and Learning in the College of Food, Agricultural, and Environmental Sciences. The Price Chair was created by a \$1.5 million endowment from Bill Price in honor of his father and daughter who attended Ohio State. This Chair is believed to be the first of its kind in the U.S. land-grant system to promote teaching, advising, and learning in agriculture.

Susie Whittington was named Author of the Year by the Journal of the National Association of Colleges and Teachers of Agriculture.

Curriculum - The undergraduate teacher education program is undergoing a renovation to align program outcomes with the PRAXIS I, II, and III assessments. The proposed program is currently undergoing review by college- and university-level curriculum committees.

Jamie Cano and **Neil Knobloch** received a Serving Learning Grant for a senior capstone experience involving agricultural education students planning and conducting the Scarlet and Gray Ag Day for approximately 600 4th and 5th grade students on campus.

Graduates - **Neil Knobloch** completed his Ph.D. this past summer and began his new faculty appointment as an Assistant Professor of Agricultural Education in the Department of Human and Community Development at the University of Illinois.

Bob Warmbrod and **Mac McCaslin** recently completed a directory of 405 doctoral graduates in Agricultural Education from 1938 to 2001. The document is a virtual Who's Who of Agricultural Education over the past 60+ years.

Grants - **Wes Budke** and **Sheila Thompson** are providing leadership for a \$450,000+ grant from USDE for an "Exemplary Program Dissemination Project."

Robert J. Birkenholz received two grants from the Ohio Department of Education for Career and Technical Teacher Education Capacity Building (\$54,000) and for Career and Technical Teacher Education State of the State Report (\$19,000).

Recognition - **Jamie Cano, Jim Connors, Neil Knobloch, and Susie Whittington** received the Outstanding Paper Presentation Award at the Central States Research Conference.

New Developments - The Curriculum Materials Service (CMS) was recently designated as the sole distributor of the Curriculum Materials that has been produced by the National Council for Agricultural Education. Representatives of several agricultural education curriculum services in the U.S. met recently at the National FFA Convention in Louisville, KY to identify and discuss

various opportunities for collaboration.

The format of the OSU Alumni Social at the AAAE meetings in Las Vegas will be changed to an informal reception format. The “OSU Alumni Tailgate” will be held in the Riviera Hotel from 5:00 - 7:00 p.m. on Wednesday evening, immediately following NAERC. Contact a current OSU faculty member for reduced price tickets in advance.

Oklahoma State University

New Faculty Added

Three new faculty members joined the department August 1. Dr. Craig Edwards was appointed as Associate Professor in Agricultural Education, Julie Cox was appointed as Lecturer in Agricultural Communications and Jon Ramsey was appointed as Lecturer in Agricultural Education. Dr. Edwards will direct the agricultural education student teaching program and teach key undergraduate and graduate courses. Jon Ramsey will coordinate the Agricultural Education Residency Year Program, assist with student teacher placement and supervision, teach student teacher block courses, and serve as Collegiate FFA Advisor. Julie Cox will teach a service course that is focused on improving student writing and teaching them how to communicate agriculture to the public. Also, Julie will coordinate outreach to secondary schools and junior colleges and maintain the department's Web presence.

Wes Holley Returns to Department

Dr. Wes Holley, Professor, who has served as the OSU Registrar since January of 2001, will return to the department January 2003. Dr. Holley will contribute to the work of the department by teaching agricultural education and leadership courses and conducting research.

***Cowboy Journal* Wins National Recognition**

The student-developed *Cowboy Journal* magazine received 2nd place honors from the National Agricultural Alumni Development Association. The publication is produced each semester by seniors in the agricultural communications capstone course. Shelly Sitton, Assistant Professor, is the instructor of the course.

OSU ACT Claims National Offices

Kendra Kelton, agricultural communications senior, was selected as the Agricultural Communicators of Tomorrow national president and Shelly Sitton, agricultural communications assistant professor, as the national advisor. OSU students received 36 national ACT critique awards for work ranging from news and feature writing to photography and graphic design and advertising.

Soos Receives Research Award

Javonne Soos, M.S. student in agricultural education, was selected as a Graduate Research Excellence Award recipient for Summer 2002. Her research examined the leadership skills gained by those placed in formal leadership positions in an agricultural youth organization. Javonne now teaches agricultural education in Ohio.

Leadership Minor Underway

A Minor in Leadership Education was approved through the College of Agricultural Sciences and Natural Resources. Courses offered with this new minor are Introduction to Leadership, Personal Leadership Development, Leadership Theory and Practice, Contemporary Issues in Leadership, Seminar in Leadership Education, and Facilitating Leadership Education Programs. Penny Pennington, Assistant Professor, is chair of the leadership work group that includes Bill Weeks, and Kathleen Kelsey.

Top Ten Freshmen Selected

Two agricultural communications students were selected as Top 10 Freshmen. Macey Hedges from Burden, Kan. was a Top 10 Freshmen Woman, and Matt Panach from Braman, Okla., was a Top 10 Freshmen Man.

White Receives State Recognition

James D. White, professor in agricultural education, received the Oklahoma FFA Association VIP Award at the 76th State FFA Convention.

Purdue University

UNDERGRADUATE AND GRADUATE NEWS

Stephanie Warner, junior in agricultural education, was elected as Purdue University Student Government Vice President for 2002-2003.

One graduate assistant was added fall 2002 to the Purdue University Agricultural Education staff. Rose Scherer is a former Indiana agricultural science and business teacher at Franklin Community High School.

AWARDS/RECOGNITION

Dr. Jerry Peters continues as interim dean of the School of Education for the 2002-2003 school year.

CURRICULUM INFORMATION

This fall, Indiana Team AgEd began a cooperative effort between Purdue University Agricultural Education, Indiana Department of Education, and the Indiana Association of Agricultural Educators to mentor new and beginning agricultural science and business teachers. By focusing efforts from the three groups, duplications are eliminated, strengths are best utilized, and teachers are more effectively served. Dr. Mark Balschweid is the Purdue member of the cooperative effort.

The Purdue University Agricultural Education Advisory Committee was active last year. It charged the Purdue Agricultural Education program to follow the new AAAE National Standards for Teacher Education in Agriculture, approved our new undergraduate teacher preparation program, and began review of student teacher site selection and placement guidelines.

UPDATES

Our building has been renamed in honor of President Emeritus Steven C. Beering. We are located on the 3rd floor of the Beering Hall of Liberal Arts and Education. The mailing address for Purdue Agricultural Education has changed. Please send U.S. mail to:

Purdue University
Agricultural Education
100 North University Street
West Lafayette, IN 47907-2067

Our telephone number is 765-494-7290 and our website is <http://www.edci.purdue.edu/aged/>

Southern Arkansas University

Enrollment and Program Changes

Enrollment has continued to increase, with a current enrollment of 57 undergraduate students. We have also completely revised our Ag Ed degree plan to better align with updated state licensure requirements and the needs of students entering the teaching field.

Conferences and Workshops

Dr. Jeffrey Horne participated in the Briggs and Stratton Small Engines School in Milwaukee, Wisconsin where he earned the title of Master Technician. He also participated in the “Train the Trainer” Workshop on Animal Production and Food Safety in St. Louis, sponsored by The Council.

Awards and Recognition

Dr. James Tollett recently completed his term as president of AASCARR, the American Association for State Colleges of Agriculture and Renewable Resources. Dr. Ann Horne received the Faculty Service Excellence Award for the university, as well as being named outstanding Academic Advisor.

Alpha Tau Alpha

SAU chartered a chapter of Alpha Tau Alpha, the National Honor Society for Agricultural Education, two years ago. We have since initiated 31 students into the organization. The chapter has made a name for itself on campus with their community service activities. They won first place in the Campus Food Drive and adopted three families at Christmas. The students were able to put the skills learned in electricity class to good use when they wired a house built by the local Habitat for Humanity chapter. They have also participated in several social activities, including tailgate parties before home football games.

The chapter recently sent eleven members to the Southeastern Regional Agricultural Education Leadership Conference held at the University of Florida in Gainesville. While there, they placed first in the Quiz Bowl Contest, first in Talent, first and third in Job Interview, and second and third in Essay.

Tarleton State University

The Department of Agricultural Services & Development is proud to announce the addition of Mr. Kyle McGregor to its faculty. Kyle joined the faculty in January 2002 and is the replacement for Dr. Don Knotts who retired in May of 2001. Mr. McGregor has joined the faculty at the rank of Assistant Professor. Kyle obtained his B. S. in

Agricultural Services & Development from Tarleton State University, an M. S. in Agricultural Education from Texas Tech University, and will complete his doctorate in Agricultural Education at Texas Tech University in the near future. He has secondary agricultural science teaching experience and served as a graduate teaching assistant at Texas Tech University. His undergraduate teaching duties include; the areas of teaching methods, computer applications, and agricultural power technology.

In cooperation with the Department of Communications at Tarleton State University, the Department of Agricultural Services & Development has developed a new degree program in Agricultural Communications. Student response to the new degree program has been positive.

During the summer of 2002 the Department of Agricultural Services & Development conducted nine in-service workshops for agricultural science and technology teachers covering varying topics. Over 280 teachers attended these workshops.

Dr. David Drueckhammer and Mr. Kyle McGregor attended the Western Regional Conference for Agricultural Education in Spokane, Washington. Mr. McGregor presented a paper on perceptions of agricultural industry managers in relation to the content of agricultural mechanization/engineering courses. The presentation received the first runner-up honors at the conference.

Congratulations go to Dr. Sandy Johnson, a faculty member in the department, who received the O. A. Grant Excellence in Teaching Award from the University. This is an annual award given by Tarleton State University to a faculty member demonstrating outstanding undergraduate teaching.

TEXAS A&M UNIVERSITY

Awards/Recognition

Dr. Andy Vestal is the 2002-2003 president of the Texas Cooperative Extension Specialists Association. The Instructional Materials Service received Vocational Instructional Materials awards at the were the *Award of Excellence* for the *Online SAEP Record Book* and the *Award of Merit* for the CD-ROM, *Career Preparation Forms Toolkit* at the 2001 ACTE Convention.

New Directions

Texas A&M's agricultural journalism program moved to the Department of Agricultural Education in August 2001. A curriculum revision was recently completed that will move agricultural journalism students from the university's journalism program and into agriculture-focused communication courses taught in agricultural education. In the year since the program moved to agricultural education, student numbers have grown from about 40 to nearly 100.

Research and Development Projects and Grants

IMS has Texas Education Agency (Carl D. Perkins) grants of \$205,000 in the areas of Agricultural Science and Technology Education and \$153,000 in Trade and Industrial Education for developing *Texas Essential Knowledge and Skills (TEKS) Implementation Support Systems*. Andy Vestal is a co-principal investigator in a four-year \$1,061,739 USDA project, "Improving Safety of Complex Food Items using Electron Beam Technology." The Extension outreach component of the project includes fruit and vegetable producers, processors, and consumers.

Personnel

Dr. Tracy Rutherford comes on board December 15 from Kansas State University as Assistant Professor to work with students in agricultural communication and leadership. Mr. William "Bill" McIntire, Continuing Education Assistant Professor, was employed as Trade and Industrial Education Curriculum Specialist, on September 1, 2002. Dr. Scott R. Cummings became Assistant Department Head and Program Leader for the Extension Education Unit in the Department May 1, 2002. Mrs. Susanna Coppernoll was promoted to Extension Program Specialist for Professional Development on May 1. Ms. Jennifer Williams came on board July 15 as Assistant Lecturer. She teaches AGED 102 and AGED 340 and assists with advising approximately 250 undergraduate majors. Ms. Shannon Hajdik joined the Department on July 1 as an Extension Assistant in the Extension Education Unit of the Department.

Curriculum Development

The Leadership Team created a new undergraduate course, "Youth Leadership Program Facilitation," that integrated evaluation and facilitation of leadership training programs. The National FFA officers teamed with Dr. Chris Townsend to teach the 120 students enrolled. The National officers field-tested the National Leadership Conference for State Officers (NLCSO) and departmental faculty presented the facilitation theory part of the course. Besides completing evaluation activities, the students created leadership workshops for their final project. The three semester credit, 56-hour course met seven continuous days from 8am-5pm (including Sunday!).

The Texas agricultural science and technology education curriculum consisting of 1,030 student topics was aligned to English/Language Arts, Math, Science, and Social Studies knowledge and skills. The alignment matrixes are available for download at <http://www-ims.tamu.edu/>.

Texas Tech University

Faculty and Doctoral Assistants

Effective July 15, Dr. David Doerfert joined our faculty as an Associate Professor of Agricultural Communications. For the past four years, Dr. Doerfert served as a Team Leader for the National FFA Organization in Indianapolis. Prior to this, he served as a Regional Director of Development for the National FFA. On August 1, Dr. Mark Kistler joined our faculty as an Assistant Professor of Agricultural Education. Dr. Kistler recently earned his Ph.D. from Texas A&M. Prior to this, he served as a County Extension Director and Agent for nine years for University of Florida Extension. We extend our congratulations to Dr. Jacqui (Lockaby) Haygood who married Lee Haygood, a rancher in the Texas Panhandle on August 3. Dr. David Lawver is co-teaching an undergraduate multidisciplinary research methods course for students in the College of Agricultural Sciences and Natural Resource's undergraduate research program.

Dr. Steve Frazee and doctoral teaching assistant Todd Brashears received a grant from the Houston Livestock Show and Rodeo (HLS&R) to examine the effects of mode of delivery (text and graphics-based, audio supported computer presentations, and streaming video-supported computer presentations) upon student learning in a secondary food science web-based unit. Doctoral student Kyle McGregor, is completing his dissertation on the effects of computer generated animations upon student learning. Doctoral student and instructor Susie Bullock is working with Tech's Office of Rural Development, which recently received a \$900,000 federal grant to establish wireless broadband network backbone along a line from Hobbs, NM, to Amarillo, TX. Ms. Bullock is focusing her efforts on rural adoption and diffusion of the high speed technology. Dr. Cindy Akers and doctoral teaching assistant Chad Davis have completed a study on variables which influence student performance in an college-level introductory soils course. Chad is also completing a qualitative case study of the benefits of competitive livestock exhibitions on an autistic student.

Graduate Student Assistants

We are pleased to welcome the following master's students who are working on graduate assistantships this year: Angela Beesley (B.S. Agricultural Communications, Kansas State), Grove, Kansas; Cash Berry (B.S. Agricultural Economics, Texas Tech), Coahoma, TX; Jessica Colvin (B.S. Agricultural Education, Texas Tech), Sweetwater, TX; Danielle Cox (B.S. Agricultural Education, University of Wyoming), Hillsdale, WY; Kelly Jones (B.S. Animal Science, New Mexico State), Clayton, NM; Becky Marlatt (B.S. Agricultural Education, Oklahoma Panhandle State), Torrington, WY; Tanner Robertson (B.S. Mass Communications, West Texas A&M), Petersburg, TX; Greg Schilling (B.S. Animal Science, Texas Tech), Slaton, TX; David Segrest (B.S. Agricultural Communications, Texas Tech), Dallas, TX; and Leslie Ann Simon (B.S. Interior Design, Texas Tech), Midland, TX.

Academic Programs

Our current undergraduate enrollment includes 111 students in agricultural education and 123 students in agricultural communications. We have 46 combined master's and doctoral students. We have modified our student teaching block by utilizing the consulting services of Dr. Jean Thatcher to better prepare our students for the state professional education examination. We have received university approval to modify our undergraduate agricultural communications curriculum by adding three options: electronic media, print media, and public relations/marketing.

Grants and Contracts

Dr. James Smith's project for beginning agriscience teachers in Texas through the Texas Education Agency is pending approval. A part of this project is for continued support of the beginning teacher web site (<http://www.depts.ttu.edu/agriculturalteachers/>). Dr. Mark Kistler has co-authored two projects with Dr. Lou Mills of Landscape Architecture related to land use planning and management along the Texas Gulf Coast. Drs. David Doerfert, Cindy Akers, and Jacqui Haygood have submitted a proposal to Phillip Morris to study the emotional intelligence of women professionals in agricultural communications. Dr. Mindy Brashears, Animal and Food Sciences and Todd Brashears have co-authored a USDA proposal on HACCP training and research to assist meat processors with deviations for lethality and stabilization. Dr. David Doerfert, Jacqui Haygood, Cindy Akers, Mark Kistler, and Cherie Maestas, Political Science co-authored a proposal to the National Science Foundation to examine voter behavior in Oregon in regards to the labeling of genetically-engineered foods.

The University of Arizona

The University of Arizona has had an excellent year despite financial cutbacks that came after 9/11. During this fall semester, we have generated a record number of student credit hours. In addition, our undergraduate numbers are on the increase and that is a good sign, even though we continue to fall short of producing enough Ag teachers for our state.

Our new and beginning teacher program has also set a dubious record in that we have over 20 participants in that program this year. That is nearly 25 percent of our total number of teachers and gives us some cause for concern. Those numbers are reflective of teachers leaving the profession and the addition of some new programs.

The Department has benefited from a tax initiative that is now providing substantial scholarship and internship dollars for students choosing to become Ag Ed teachers. We believe that this initiative will have a very positive effect on the number of people choosing Agricultural Education as a major and career during the coming years. To further enhance that effort, we have also created a state proficiency award for Agricultural Education that will be awarded for the first time at this years State FFA Leadership Conference in June. In addition, Dr. Franklin is currently working on creating a CDE for Agricultural Education. This should be an interesting venture.

University of Florida

Personnel. Dr. Shannon Washburn joined the AEC Department in May as an assistant professor of agricultural education. Prior to earning his Ph.D. degree in agricultural education from the University of Missouri, Shannon was a high school agriculture teacher in Kansas and instructor in the Ag Ed program at Kansas State. At UF Dr. Washburn teaches courses in introduction to Ag Ed, special methods, leadership development, and induction strategies for teachers. He also coordinates the undergraduate Ag Leadership option and carries a 60% teaching and 40% extension appointment.

Awards. Nick Place, assistant professor of extension education, received the Woeste Professional Recognition Award (\$500), given to outstanding extension faculty with less than seven years of service. Jim Dyer received the Jack Everly Journal Award presented by NACTA for his article in the March 2001 issue entitled "Factors Associated with the Academic Performance of College of Agriculture Students." Rick Rudd received the NACTA Southern Regional Outstanding Teacher Award at the 2002 NACTA conference in Lincoln, Nebraska. Dr. Marta Hartmann, lecturer in multicultural education, was selected to participate in the 2002 USDA Hispanic Serving Institutions Fellows program. The three-week program was held in Washington, DC. Shannon Washburn, Rick Rudd, and Tracy Irani are among 21 IFAS faculty selected to receive laptop computers through the campus faculty development program. Twelve of the 36 College of Ag & Life Sciences (CALS) Ambassadors for 2002-03 are AEC majors. Josh Brown, a senior in Ag Communication and National ACT officer, received the 2002-03 CALS Alumni and Friends scholarship. This is the second year in a row that an AEC student has received this award. Cheri Brodeur, Coordinator of Information/Publication Services, received a campus Superior Accomplishment Award, one of only two such awards presented in 2002 to IFAS administrative and professional staff. Chris Vitelli, a junior in Ag Ed and Ag Leadership, received the prestigious University Undergraduate Scholars Award, which includes \$2500 to support a research project under the direction of Jim Dyer.

Grants. Nick Place and Ag Communication faculty members Ricky Telg and Tracy Irani have received a USDA Challenge Grant to enhance the distance education design and delivery skills of instructional design specialists in colleges of agriculture. Cooperating institutions include Texas A&M, Texas Tech, Idaho, Iowa State, and the University of Missouri-St. Louis. Glenn Israel, professor of extension program evaluation, has received a USDA-NRI grant to examine the factors that influence social capital among rural youth. Howard Ladewig, professor of program evaluation and accountability, has received a continuing USDA grant to further develop a national Extension database and accountability system. Ed Osborne, Jim Dyer, Glenn Israel, and Shannon Washburn have received funding from NASA and USDA to support a Space Ag in the Classroom project. Educational materials based upon plant biology research in space and its agricultural applications on Earth will be developed and distributed to sixth grade science and technology students in Florida, Alabama, Utah, and New Mexico.

Alpha Tau Alpha Reactivated. The UF Epsilon chapter of ATA was reactivated in April with the initiation of 26 undergraduate and graduate students. A fall initiation ceremony is scheduled for November, with another 20 students expected to join. The organization will focus entirely on providing high-level professional development programs for its members. Ed Osborne serves as advisor.

UF Hosts Southern Region Ag Ed Student Leadership Conference. Approximately 70 Ag Ed students from five universities in the southeastern US attended this annual leadership conference held the first weekend in October on the UF campus. The program included professional development seminars, motivational sessions, competitive events, and lots of great food and fun! Jim Dyer served as the faculty advisor for the UF student planning team.

University of Idaho

John P. Mundt, Professor Emeritus

With his retirement, John Mundt completes 35 years of teaching, leadership, and service to agricultural education in Idaho - 17 at the University of Idaho. He was the agriculture teacher and FFA advisor at Meridian High School for 13 years, and for five years, the state supervisor of agricultural education and state FFA advisor for the Idaho State Division of Vocational Education. Mundt joined the UI faculty in the Department of Agricultural Education in 1985. He is a native of Idaho, born and raised on the family farm near Firth.

Ag in the Classroom

Four AITC workshops were held across Idaho during the summer of 2002. Seventy-nine teachers registered for the one-credit workshop. Topics included: Farm Facts about Idaho Agriculture, Idaho as an Export State, Life Cycle of the Leafcutter Bee, Nutritional Needs of Today's Students, and Around the Calendar with Agriculture.

As of July 1, over \$18,500 has been raised for the Ag in the Classroom program in Idaho. More and more Ag license plates are being seen on the road.

2002 Agricultural Science and Technology Curriculum Project

A CD-Rom was delivered to the Agricultural Science instructors at the August 2002 summer conference, containing over 6,000 pages of instructional curriculum materials. The purpose of the project was to make the hard copy curriculum guides available digitally. The curriculum materials are also available at the AEE Department Website: <http://aee.ag.uidaho.edu>

NAAE Scholarships to Two UI Students

Two UI students were recipients of the 2002 NAAE Upper Division Agricultural Education Scholarships. Only 12 were awarded nationally. The \$500 scholarships were awarded to Elizabeth Papineau, a junior from Cambridge, Idaho, and Erika Stelljes, a senior from Fruitland, Idaho.

Fall 2002 Enrollment

Undergraduate enrollment in the Agricultural and Extension Education Department remained stable with 87 students enrolled for the Fall 2002 semester. This included 46 in the teaching option, 8 in the non-teaching option, and 33 in the agricultural science and technology program. The total includes 13 students in the AST degree program off-campus.

Spring 2002 Commencement

Spring 2002 graduation included 31 undergraduates and 6 graduate students, three in the thesis option.

Spring 2003 Student Teachers

Fourteen agricultural education majors have begun their student teaching professional semester and will do early experience in January and the actual student teaching experience will begin March 3, 2003, in northern Idaho and eastern Washington.

Position Vacancy

The department of Agricultural and Extension Education is currently advertising for an Assistant/Associate Professor position. The job announcement and information can be located at the following web site – <http://aee.ag.uidaho.edu>

Ag Instructor In-Service a Success

Twenty-eight agricultural science and technology instructors recently participated in the fall in-service provided by the College of Southern Idaho Agricultural, Consumer and Environmental Science (ACES) Department. Matching Agricultural Science and Technology curriculum with the state science and math standards was the theme of the in-service. Participants were able to gain hands-on project/lab ideas in the areas of animal science, equine, and landscape horticulture. A short session on grant writing concluded the two-day event. A special thanks to the CSI ACES department and individual instructors: Dr. Rick Parker, Jim Knight and Dave Keisig.

Agricultural Science and Technology Degree Program Review

The Agricultural and Extension Education department at the University of Idaho is surveying past participants in the Agricultural Science and Technology degree program in Twin Falls. Students are being asked to complete a series of questions pertaining to their educational experience in Twin Falls. This information will be used to help AEE better understand how students have made decisions regarding the University of Idaho, and the College of Agricultural and Life Sciences. All participants were asked to comments on quality of classes, degree program options, and career opportunities. For additional information, please contact Jodie Mink at 208-736-3624.

The University of Georgia

The Undergraduate Program. Substantial growth has taken place in the Agricultural Education undergraduate enrollment at UGA. A 25.5% increase occurred from Fall 2000 to 2001, and 6% growth occurred from 2001 to 2002. Location in the College of Agricultural and Environmental Sciences is credited with much of this increase in enrollees. Likewise, the number of student teachers has increased – from 21 in Spring 2002 to 26 for the 2003 Spring Semester. InTech (Integrating Technology into the Curriculum) has been added to the student teaching semester; students will spend seven days of training interspersed with student teaching in order to acquire InTech Certification – a requirement for all Georgia teachers by 2006.

Personnel Changes. Dr. Ray Herren is Interim Head of the Department of Agricultural Leadership, Education and Communication. Dr. M. Craig Edwards left UGA to join the faculty at Oklahoma State University in July. At OSU, he will direct the student teaching program. Mrs. Sara Webb-Hughes is serving as graduate teaching assistant in Agricultural Education for the academic year. Mrs. Hughes completed her BSA and certification to teach Agricultural Education in Spring, 2002. She is pursuing the Masters of Agricultural Education degree.

Graduate Programs. Ten prospective teachers of agriculture were enrolled in Dr. Iverson's methods classes during the First Short Summer Session, 2002. Five will complete certification requirements in Spring 2003, as a result of a year-long supervised on-the-job internship in Georgia's public schools. The others have opted for the traditional student teaching route.

Travel. In February, Dr. Iverson joined a team of Vocational/Technical personnel from Georgia, Illinois, Michigan, North Carolina, Florida, Brazil, and New Zealand who reviewed programs in the technical high schools of the United Arab Emirates. Iverson visited the agricultural programs at Al Ain, Fujariah and Ras al Kharma technical high schools in the UAE. Due to a broken arm suffered during the visit, Dr. Iverson was unable to make the return visit in May; Dr. Herren made the trip to Dubai in May and made recommendations for further development.

Collegiate FFA. The UGA chapter has an active program aimed at developing the FFA advising skills of its members. The chapter pays state and national dues, and sponsors the Alpha Tau Alpha ag education honorary. Monthly socials are conducted, in addition to the executive meetings, regular meetings and committee meetings. In 2002, the chapter held a National FFA Week breakfast for College faculty and staff, paid the room and registration for 15 members to attend the Ag Education Student Conclave conducted by the University of Florida, sponsored 16 seniors to attend the National FFA Convention, promoted member participation at the Georgia National Fair in Perry and the Southeast Agricultural Exposition in Moultrie, sponsored a member of the Homecoming Court (Shannon Lawrence of Swainsboro), conducted an Awards Banquet at which more than 30 members and supporters were recognized, and were responsible for cleanup of interchange of the bypass highway at the entrance of the University, as a part of the Georgia Adopt-a-Highway Program. Dr. Iverson conducts program planning retreats for the chapter with each semester's executive committee.

Research and Development. Dr. Eddie Seagle and Dr. Iverson had the Outstanding Paper at the Southern Agricultural Education Research Conference held in Orlando in February. The paper was based on Dr. Seagle's doctoral study, "The future of the turfgrass industry in 2020 – A Delphi study with implications for Agricultural Education programs".

University of Kentucky

Many additions to the Agricultural Education Program at the University of Kentucky occurred on July 1, 2002. The program moved into a new department, The Department of Community and Leadership Development. This department is comprised of faculty members and students in the Agricultural Education, Agricultural Communications, Public Service and Leadership, and Rural Sociology programs within the College of Agriculture.

The agricultural education program also grew to include an additional faculty member, Dr. Robin Peiter. Dr. Peiter received her doctoral degree from Oklahoma State University in May 2002, and bachelors and masters degrees from the University of Missouri. A former agricultural education teacher in Missouri, she brings her teaching experience to the teacher education area in Agricultural Education. Dr. Peiter will also conduct research regarding teacher education issues, especially with a focus on mentoring.

Two longtime UK Agricultural Education faculty members were honored at the Kentucky State FFA Convention in June. Both Dr. Charles Byers and Dr. Rodney Tulloch were recognized by Kentucky FFA Association by receiving the Distinguished Service Award. Dr. Byers has been extremely involved with Agricultural Education in Kentucky; serving as a faculty member at UK for 36 years. Dr. Tulloch began his tenure at the University of Kentucky in 1972 and has been an active faculty member in Agricultural Education.

University of Nebraska - Lincoln

Personnel

Dr. Daniel Wheeler has transferred into the Department of Agricultural Leadership, Education and Communication from the Institute of Agriculture and Natural Resource's Office of Professional and Organizational Development. Dr. Wheeler's duties include teaching graduate leadership courses, advising graduate students, researching servant leadership, and coordinating the Leadership Academy.

Faculty Recognition

Dr. Jim King, NACTA Teacher Fellow; Dr. Lloyd Bell, NACTA /UNL Teaching Award of Merit; Dr. Linda Moody, Parents Association Contribution to Students Award; and Dr. Susan Fritz, Parents Association Contribution to Students, Five-Year Award.

Dr. Jay Barbuto has been recognized as "Outstanding Reviewer" for the 2002 Institute for Behavioral and Applied Management National Conference. Barbuto, and four of his doctoral students, Brent Goertzen, Gina Matkin, Jenny Reimers, and Mark Burbach, will be presenting papers at this year's meeting in Denver, Colorado.

Dr. Kay Rockwell and Dr. LaDeane Jha received the award for best Carousel Round Table Presentation at the Association for International Agricultural and Extension Education (AIAEE) Conference in Durban, South Africa in May, 2002. Their presentation was titled: Success outcome markers in extension (SOME): An evaluation tool for complex, hard-to-measure transformational programming.

Graduate Student Awards

Doctoral students Mark Burbach and Jolene Schauer received NACTA Graduate Teaching Assistant Awards; doctoral students Brent Goertzen and Lilian Gomez received Farmers National Teaching Assistant Scholarships; Masters student Karen Kniep received a Cooper Sharpless Scholarship.

Innovations

The Rural Magnet High School Pilot has expanded to include Laurel-Concord, Burwell, and Nebraska City. The four schools, including the Mead Agricultural Magnet High School, have developed common curriculum and participated in innovative professional development opportunities supported through a Kellogg Foundation grant. During spring, 2003, the University will be providing a dual credit, introductory entomology course to students of the four schools via distance.

Dr. Lloyd Bell and Dr. Jim King assisted Mead Agricultural Magnet High School instructor, Jenny Kocian and technology students, in the design and development of a web-based, horticulture class.

Grants

Dr. Leverage Barrett is lead investigator of a three-year, \$95,000 USDA grant to establish a residential student/faculty learning community that integrates the human dimensions of leadership with the study of agricultural production and food systems, including natural resource use, production practices, processing, marketing, and consumption of food.

Dr. Linda Moody is directing a \$100,000 USDA multi-disciplinary grant to enhance leadership and communication skill competencies of potential animal science leaders. Faculty nominated students (freshmen to juniors) complete a three-semester leadership sequence, during which students are mentored by departmental faculty and business-industry employers, complete an early industry internship, present at a regional or national conference, and conduct a service learning project.

Conferences

Dr. Jim King and AgLEC graduate students, Sandi Sattler-Weber and Kirsten King, presented an information session at the 18th Annual Conference on Distance Teaching & Learning. Their session title was *Instructional strategies for distance education: Research based examples*.

University of Nevada, Reno

Conferences. Vern Luft attended the Western Region Agricultural Education Research Meeting and Conference held in Spokane, Washington last April.

Grant Activity. Vern Luft received a \$14,000 grant from the Nevada Department of Education that is for the purpose of supporting the University of Nevada College of Education's work of implementing parts of their performance assessment system. Some of the grant funds will be used to conduct a Teacher Work Sample workshop using presenters from Idaho State University. Luft serves as the NCATE coordinator at the University of Nevada, Reno.

Inservice Activities. Nevada agricultural education teachers participated in a series of short inservice workshops in June. The workshops were held at the State 4-H Camp at Stateline, Nevada on beautiful Lake Tahoe at the same time FFA members were participating in their State Leadership Camp.

Standards Development. The Career and Technical Education Team of the Nevada Department of Education has been taking the lead in developing standards for various program areas. Agriculture & Natural Resource Standards for Agriculture Science I & II were developed and approved by the State Board of Education. Plant & Environmental Horticulture Science Standards for Junior and Senior Level of Instruction and Agriculture Mechanical Engineering Technology Standards for Junior and Senior Level of Instruction are in draft form and are being reviewed by various stakeholders. It is hoped that the State Board of Education will approve these standards this year.

Agricultural Systems Technology and Education Utah State University

New ASTE Faculty Member

Dr. Rudy Tarpley joined the ASTE Department as a teacher educator August 1, 2002. Dr. Tarpley comes from New Mexico with many years of successful teaching experience before earning his Ph.D. at Mississippi State University. He brings to the department teacher preparation experiences from three universities. Dr. Tarpley is teaching the introductions to agricultural education course, the methods of teaching course, and working with the first year and provisionally certified teachers in Utah. In his spare time, he will serve as Collegiate FFA Advisor. He is a great addition to the teacher preparation team.

Research and Development Projects

The department continues to achieve success in program development, curriculum projects, and research. Dr. Rhonda Miller continues on with an agricultural safety and health research initiative. She has funding from both USU Cooperative Extension Service and an AgriAbility grant funded by USDA. Dr. Dan Hubert is the principal investigator for a faculty grant designed to integrate technology into the agricultural education classroom. Dr. Rudy Tarpley will head the Agricultural Systems Technology (ag mech) curriculum development project in 2002-2003. This project has received \$25K support from the Utah State Office of Education.

Family and Consumer Sciences Education

Now that heading should get your attention. The College of Family Life at Utah State University was eliminated this year and a major re-organization of programs occurred. The Family and Consumer Sciences Education (FCSE) program was brought over to ASTE in alignment with the agricultural education teacher preparation program. Two full-time FCSE faculty members along with two very part-time instructors have joined the ASTE Department. The FCSE program has approximately 90 undergraduates and 20 graduate students. The co-mingling of courses and role assignments continues to evolve.

Distance Education

The Utah legislature has provided approximately \$500K for the development of a distance education doctorate program. A design has been put into place that will connect the ASTE Department with other applied technology (vocational education) departments in the implementation of an off-campus, distance education based, inter-disciplinary Ed.D. Initial development has begun with a cohort of 20 students enrolled fall semester 2002. This degree program will require three years of distance education coursework, three summers of resident instruction, and cap-stone dissertation writing year.

Our Students

We will have eight student teachers teaching this spring throughout Utah and southeastern Idaho. Each student is equipped with a lap top computer, printer, and associated software as part of Dr. Dan Hubert's integrated technology research project. Drs. Tarpley, Hubert, and Straquadine will do their best to mentor this next generation of agricultural education leaders.

Department Agricultural and Extension Education News Virginia Tech

Regional Extension Curriculum Project

Drs. Gibson and Lambur are providing leadership on web based modular development for the Southern Region Extension Effort that is underway. Ronald A. Brown, Executive Director, Association of Southern Region Extension Directors is directing a Multi-state Extension Curriculum Project for all Extension Programs in the Southern Region. Specific Modules have been identified for development. A website has been established for the Cooperative Extension Curriculum Program (CECP) Program. You can visit the site at <http://asred.msstate.edu/curriculum/curriculum.htm>

New Extension Agent Training (NEAT)

A new training program was developed and implemented for newly hired Extension Agents. Dr. Gibson provides leadership for this training program. The program's strength is capitalizing on the strengths of the individual agent and then training on the areas that need help. An assessment is given to agents upon hiring to determine training needs. The agent is then paired up with a training agent in a training county up to three months. A transition interview is then conducted before the agent assumes permanent responsibilities.

Web Based Courses and Distance Masters

The AEE Department has been awarded separate grants to develop web-based courses that are a part of the distance education efforts. AEE in collaboration with CTE offers a distance education Masters. This allows Extension Agents, Agriculture Teachers and others access to Virginia Tech. AEE has developed courses in Youth Program Management, Foundations of Agricultural and Extension Education, Research and Applied Settings, Program Planning and Curriculum Design in Agricultural and Extension Education, Community Partners and Volunteerism, and Program Evaluation. Currently, work is underway to develop two courses in Horticulture that will be a component of the AEE program.

Burke retires – Dr. Stan Burke retired from Virginia Tech on July 1st. Stan had served as the agricultural mechanics expert for the Department of Agricultural and Extension Education since 1985. He was very popular teacher and advisor. Earlier Dr. Burke had served as a teacher and an area supervisor. He was also very active in professional organizations and assisted with the National FFA mechanics contests for many years. The Virginia Tech Board of Visitors approved his new emeritus status at its August meeting. Congratulations to Stan Burke.

Sutphin new associate dean – Dean Sutphin has been appointed the new Associate Dean for Academic Affairs of the College of Agriculture and Life Sciences. Dr. Sutphin currently holds the same position at Cornell. He will be starting his new position on January 1, 2003. He is a former Virginia Agricultural Education teacher and holds his bachelors and masters degrees from Virginia Tech. He is also a past president of AAEE.

WEST VIRGINIA UNIVERSITY

Program Growth & Direction:

The undergraduate and graduate programs in Agricultural and Environmental Education continue to grow. The undergraduate program has seen a 46% increase in the last year. Program completers continue to be pleased with the ease in obtaining employment upon graduation. The Program currently has options in teacher certification, leadership and communications, and agricultural and environmental technology. The graduate program continues to attract strong numbers. The faculty directed ten graduate students through the completion of their Masters Degrees during the past year. A doctoral degree program appropriate for students interested in agricultural education, extension education, and community leadership is being developed.

Awards and Recognition:

Dr. Stacy Gartin was selected as the Outstanding Teacher in the Davis College of Agriculture, Forestry, and Consumer Sciences. He was also selected by the students as the Outstanding Advisor in the College for the second time. Dr. Gartin has recently completed serving as the first faculty chair in the history of the College. He is also completing service as vice-president of the Eastern Region of AAAE for the second time.

Dr. Kerry Odell is continuing to enjoy being back on faculty having served six years as Associate Dean in the College. Dr. Odell was selected as the Outstanding Service provider in the Davis College of Agriculture, Forestry, and Consumer Sciences. He is currently serving as secretary/vice-president elect of the Eastern Region of AAAE.

Dr. Harry Boone was selected as the Outstanding New Professor in the Eastern Region of AAAE. He was also recognized as the Outstanding Researcher in the Region. Dr. Boone begins a three-year term serving as Adult Consultant to the National FFA Officer Nominating Committee Louisville. He is also completing his year as past chair of the Editing Managing Board of the *Journal of Agricultural Education*.

Dr. Layle Lawrence will receive the National FFA VIP Citation for his commitment and dedication to the organization in Louisville. Dr. Lawrence taught high school agriculture in Kansas for 10 years and has promoted agricultural education in West Virginia for the past 30 years. Dr. Lawrence has announced his retirement effective next July. The lives he has touched are truly better because of his knowledge, wisdom and experience.

Research and Publications:

The faculty presented research papers in both the Eastern and Central Regions. Their scholarship was recognized by receiving the Outstanding Adult Education publication and the Outstanding Extension publication in the Eastern Region.

New Courses:

Dr. Harry Boone is teaching a new course in data analyses for the first time and it is receiving great reviews by the graduate students. He and his wife, Dr. Debby Boone, taught an on-line graduate course in collaboration with North Carolina State University on Program Development in Extension last spring semester.

Western Kentucky University

Dr. David Coffey has returned from a sabbatical leave for Spring semester investigating the university's role in addressing needs of the Latino population in Kentucky. Dr. Jack Rudolph continues to work in agricultural education and agricultural mechanics. Both Coffey and Rudolph taught classes on agricultural careers at the Kentucky FFA Leadership Development Center during the summer.

Team Ag Ed – Service, Communication, Facilitation and Leadership Development

Late in 2001, Agricultural Education on the national level, spurred by information from local and state level leaders, embarked on a pilot program, the concept of which was to provide better communication, services, leadership and facilitation at the state leadership team level in order to enable greater potential for success at the local level. The Local Program Success initiative is not new in agricultural education. This initiative first became part of the agricultural education consciousness in the mid 1990's under the premise that, if all local programs of agricultural education were successful, then all states would be successful and agricultural education nationally would be successful. The pilot program planning and implementation principles included eight national agricultural education staff, including Dr. Larry Case, United States Department of Education (USDE); Dr. Jay Jackman, National Association of Agricultural Educators (NAAE); Bernie Staller, National FFA Organization and Foundation; Anna Melodia, National FFA Organization; Coleman Harris, USDE; Tony Small, National FFA Organization; Mark Leitman, National Council for Agricultural Education; and Kevin Keith, National FFA Organization. Eight states were selected for the pilot (one state, initially, for each national staff member involved with the pilot. These states were Maryland, Tennessee, Alaska, Montana, Florida, California, Pennsylvania, and Louisiana. States were selected only with an eye toward diversity of geography and internal structure of state leadership for agricultural education. Since an underlying premise of the pilot was identification and development of processes, needs assessments, communications methods, accountability, reporting, and necessary data to collect, the staff were encouraged to work with state leadership in a variety of means. Each contact was reported to the group and comments and information was collected from those state leadership teams and others as identified. It became quickly apparent that needs and potential benefits of direct relationships between state leadership teams and national staff were desirable and beneficial. Further supporting the expansion and continuance of such relationships was the surfacing of diverse needs from state to state and even within states, from the various members of the state leadership teams. Composition of state leadership teams also varied. In general state leadership teams include State Agricultural Education staff (this group includes department of education staff in agricultural education, university adjunct staff responsible for agricultural education, staff hired by agricultural education organizations and having administrative functions for agricultural education and it's related professional and youth organizations and other such individuals with leadership responsibilities for agricultural education), Teacher Educators in agricultural education from any and all universities producing agricultural education instructors, staff involved in fund raising through an agricultural education foundation or similar entity, leadership of professional organizations for agricultural educators, and others as identified by the specific state. The Team Ag Ed Concept and this phase of the Local Program Success initiative was stratified to attendees of the National Inservice for Agricultural Education in February of 2002, and soon afterward, member/staff of the national pilot were encouraged, where possible, to expand the services to additional states. Initial visits and contacts, in various stages of relationship development, have been made in Connecticut, New Mexico, New Jersey, Oregon, New York, North Carolina, and Maine since that time and the expansion continues. Currently the

expansion is impacted by the changes in the National Council for Agricultural Education and the departure of Mark Leitman, and the promotion of Tony Small to Work Group Manager for Local Program Success at the National FFA Organization, but expansion does continue.

Benefits of the Local Program Relationship efforts include, but are not limited to:

- Identification of focus point for communications, challenges, and facilitations from the state to national level.
- Better national awareness of state and local challenges and diversity of challenges encountered from state to state.
- Capturing and sharing of “best practices” used from state to state.
- Improved communications and address of concerns surfaced by state leadership teams regarding national programming and operations.
- Building of capacity and global experience base for state and national leadership teams.
- Development of relationships and support network for new instructors and developing instructors from local to both state and national levels.
- Participation from national level in regional events which can maximize efficiency of resources.

Potential additional benefits include:

- Identification of necessary research in agricultural education as well the development of special projects to address these needs.
- Development of accessible national data banks for programmatic information and educational statistics.
- Document development, project management and professional development services for various instructional materials produced across the country/globe. (The National Team Ag Ed/Local Program Success is and will continue to be responsible for development of the CD-ROM “Local Program Success Resource Guide” for example.)

Development of this Local Program Success initiative and the Team Ag Ed that is supported by it, continues and all agricultural educators are encouraged to provide comment to and become as involved as possible in this effort within your state.

Current Services from National Team Ag Ed and the Local Program Success Workgroup which would be of primary interest to the membership of AAAE include:

- Provision of multiple copies of the CD-ROM, “Local Program Resource Guide” for student teachers are available on request from Teacher Educators at no cost”
- Provision of multiple copies of “FFA Advisors, Making A Difference” publications for student teachers are available upon request of Teacher Educators at no cost.”
- Professional Development via teleconferencing and, where possible, on sight available from Local Program Success Specialists.
- National Agricultural Education Inservice programming for Teacher Educator.

We encourage and invite all input, suggestions and comments from Teacher Educators and look to your leadership in fashioning the Local Program Success and National Team Ag Ed initiative as it continues to emerge.

Finally, any assistance in identification of potential individual to fill roles as the Local Program Success Specialists (current title of the relationship principles) who will develop and maintain the future state relationships necessary for the continued expansion and refinement of this initiative, is much appreciated.

Position Paper: Future Federal Career and Technical Education Funding

By ACTE Agricultural Education Division and the National Council for Agricultural Education

The ACTE Agricultural Education Division submits the following items for consideration in future federal career and technical education legislation:

- ♦ Career and Technical Education is an excellent method for delivering and promoting student achievement as a part of the total educational system.
- ♦ Strong State leadership is essential to the success of Career and Technical Education programs and must be funded federally.
- ♦ Student assessment should be used on an on-going basis using a variety of performance and cognitive measures to improve student learning and teacher effectiveness and to enable students to demonstrate their academic and technical skill achievements as well as improve the teaching process. Assessments must be used as a part of program accountability to qualify for federal funds.
- ♦ Career and Technical Student Organizations are essential components of an integrated educational delivery model that enhances academic and skill achievement while developing leadership, citizenship and personal attributes. Student organizations must be used as a component of program accountability to qualify for federal funds.
- ♦ Research in Career and Technical Education is essential to improving academic and skill standards and must be funded at the federal level.
- ♦ Teacher recruitment, initial preparation, retention, and professional development must be included in Career and Technical Education funding to assist in raising students' academic achievement and skill mastery.
- ♦ Funding is required to assist states in acquiring equipment and developing appropriate instructional/curriculum materials for Career and Technical Education to be delivered effectively to enhance student learning.

Educational research indicates that individuals learn in a variety of ways and that effective teaching recognizes and accommodates a variety of learning styles. Career and Technical Education offers students an opportunity to learn in a variety of ways based upon fundamental concepts of motivation, readiness to learn and the application of performance-measured assessments.

Students involved in Career and Technical Education are motivated by work-based learning experiences and they develop a readiness to learn from a need realized in their career-based program of study. State leadership in Career and Technical Education provides an opportunity for each individual state to develop educational standards and to provide leadership to meet not only individual state workforce needs, but also those of the nation. The ability to develop structures on a state basis provides better opportunities for students who exist in today's global society. Effective state leadership allows for more uniformity and higher academic achievement and skill mastery. State leadership also allows for better use of federal dollars to assist in raising all standards.

Assessment in Career and Technical Education should raise the standards in each program area as well as the academic standards of the students. Career and Technical Education allows students to incorporate into their skill development those academic standards that will meet or exceed the standards for all students. The application of these standards to real world, work-based learning allows students to

be assessed in a variety of methods to insure a thorough understanding of academic and skill standards as they both apply to actual models in the work force.

Career and Technical Student Organizations engage and provide motivation for students. They are an integral part of the classroom and laboratory learning environments and are essential in the development of both academic and skill standards. The application of assessment through student competitions in workforce models strengthens the ability to extend learning beyond the academic day. In addition, students have the opportunity to develop leadership, citizenship and personal attributes necessary for success in the workforce. Career and Technical Student Organizations must be a component of accountability in local programs to assist in raising standards.

Research is required for all phases of education. Federal legislation should provide funds for such research on a broader base to ensure that the nation's educational system remains competitive in the increasingly global marketplace.

Teacher recruitment, initial preparation, retention and professional development are critical issues in raising the achievement of students in the nation. Funds are required to improve the current teaching workforce as well to recruit and develop new teachers to take the place of retiring educators.

Developing a well-trained and highly motivated work force requires state-of-the art equipment that meets current industry standards along with the curriculum materials needed to keep the graduates competitive in the work force.

The current workforce of the nation commands the respect of the world. It is a product of federal investment, which has supported development of a world-class Career and Technical Education system. This system will continue to succeed and improve only with greater federal investment in preparing the nation's future workforce.