

# Michael Craig Edwards

## Curriculum Vitae

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### EDUCATION

#### **Ph.D. – Agricultural Education**, Texas A&M University, College Station

Conferred:	August, 1999
Support Areas:	Educational Administration, Poultry Science, and International Agricultural Development
Dissertation:	A Comparison of Student Achievement in Three School-Day Scheduling Patterns for Secondary Students Enrolled in the Agriscience Course Animal Science
Advisor:	Gary E. Briers, Ph.D.

#### **M.Ed. – Vocational Education**, Sam Houston State University, Huntsville, Texas

Conferred:	August, 1982
Support Area:	Agriculture
Advisor:	Herbert B. Schumann, Ph.D.

#### **B.S. (*Summa Cum Laude*) – Agriculture**, Sam Houston State University, Huntsville, Texas

Conferred:	May, 1981
Advisors:	T. J. Honeycutt and Herbert B. Schumann, Ph.D.

#### **Teaching Certification - Provisional Vocational Agriculture (Grades 06-12)**

Issue Date:	August, 1981
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**EDUCATION (continued)**

**Teaching Certification - Provisional Vocational Agriculture Cooperative Training (06-12)**

Issue Date:

June, 1993

**PROFESSIONAL EXPERIENCE**

**Professor of Agricultural Education and Coordinator of Graduate Studies**

Department of Agricultural Education, Communications, and Leadership,  
Oklahoma State University, **July 2011-present.**

Undergraduate and Graduate Courses taught: AGED 4713 – International Programs in Agricultural Education and Extension; AGED 5863 – Methods of Technological Change.

A member of the Graduate Faculty, Oklahoma State University

Coordinator, Collaborative Master of Agriculture degree program with Eduardo Mondlane University, Maputo, Mozambique.

**Professor/Associate Professor of Agricultural Education and Director of Student Teaching**

Department of Agricultural Education, Communications, and Leadership,  
Oklahoma State University, **August 2002-June 2011.**

Undergraduate and Graduate Courses taught: AGED 3103 – Foundations and Philosophies of Teaching Agricultural Education (2002-2007); AGED 4103 – Methods and Skills of Teaching and Management in Agricultural Education; AGED 4200 – Student Teaching in Agricultural Education; AGED 5863 – Methods of Technological Change.

Duties include coordination, instruction, supervision, and evaluation of student teachers; advising undergraduate and graduate agricultural education students, and student recruitment. Served as a university supervisor for the Oklahoma entry-year assistance program for beginning agricultural education teachers, 2002-2005. Chair the departmental work group for agricultural education, teacher certification.

A member of the Graduate Faculty, Oklahoma State University

Graduate Committees: Doctoral

J. Chris Haynes, Doctor of Philosophy, Agricultural Education (Chair), *Testing the Effect of a Science-enhanced Curriculum on the Science Achievement and Agricultural Competency of Secondary Agricultural Education Students;*

**PROFESSIONAL EXPERIENCE (continued)**

Assa Kanté, Doctor of Philosophy, Agricultural Education (Chair & Dissertation Advisor), *An Assessment of the Sasakawa Africa Fund for Extension Education's (SAFE) Training Program in Mali: Graduates' Perceptions of the Training's Impact as well as Opportunities and Constraints Related to Supervised Enterprise Projects (SEPs)*; Sheyenne Krysher, Doctor of Philosophy, Agricultural Education (Chair), *Using Time Allocation to Understand the Perceived Teaching Ability of Student Interns in Agricultural Education: A Q-method Study*; Fredrick Matofari, Doctor of Philosophy, Agricultural Education (Chair & Dissertation Advisor); Samba Moriba, Doctor of Philosophy, Agricultural Education (Chair & Dissertation Advisor), *Investigating the International Awareness and Global Competence of Students Meeting Their International Dimension Requirement through Course Offerings in a College of Agricultural Sciences and Natural Resources: A Descriptive and Comparative Study*; Fred Matofari, Doctor of Philosophy, Agricultural Education (Chair & Dissertation Advisor); Maria Navarro, Doctor of Philosophy, Agricultural Education (Adjunct member, Texas A&M University, College Station), *Analysis of Factors Affecting Participation of Faculty and Choice of Strategies for the Internationalization of the Undergraduate Agricultural Curriculum: The Case in Two Land Grant Universities*; Brian A. Parr, Doctor of Philosophy, Agricultural Education (Dissertation Advisor), *Effects of a Math-Enhanced Curriculum and Instructional Approach on the Performance of Secondary Education Students Enrolled in an Agricultural Power and Technology Course: An Experimental Study*; Jon Ramsey, Doctor of Philosophy, Agricultural Education, *Identifying Entry-level Skills Expected by Agricultural Industry Experts and Determining Teachers' Perceptions on Whether They are Being Learned Through Students' Participation in the Supervised Agricultural Experience Component of the Secondary agricultural Education Program: A Two-Panel Delphi Study* (Chair & Dissertation Advisor); Patrick Saisi, Doctor of Philosophy, Agricultural Education (Chair & Dissertation Advisor), *Attributes and Barriers Impacting the Diffusion of Information Communication Technologies (ICTs) in Agricultural Colleges and Universities in the Developing World: Views of Aspiring Faculty*; R. Brent Young, Doctor of Philosophy, Agricultural Education (Dissertation Advisor), *Effects of a Math-Enhanced Curriculum and Instructional Approach on the Performance of Secondary Education Students Enrolled in a Year-long Agricultural Power and Technology Course: An Experimental Study*

**Graduate Committees: Master's**

Erika Brooks, Master of Science (formal report); Jeremy Cantrell, Master of Science (thesis option), *Criteria Considered When Hiring First-Year Secondary Agricultural Education Teachers: Perceptions of Public School Administrators*; Katrena Carter, Master of Agriculture (non-thesis option); Amanda Cawvey (non-thesis option); Beth Crumpler, Master of Science (thesis option), *Sustainable Agriculture in Oklahoma: A Study of Oklahoma Cooperative Extension Service*

**PROFESSIONAL EXPERIENCE (continued)**

*Needs for Precision Agriculture Education and Other Obstacles in the Adoption of Precision Agriculture in Oklahoma*; Kyle Dorton, Master of Agriculture (non-thesis option); James Epperson, Master of Agriculture (non-thesis option); Denise George (thesis option) (Chair); Lindsey Guyett, Master of Agriculture (non-thesis option); Amy Howe, Master of Agriculture (non-thesis option); Billystrom Jivetti, Master of Science (thesis option) (Chair), *Women's Self-Help Groups in Western Kenya and their Needs for Education and Training*; Cameron Jones, Master of Science (thesis option), *An Assessment of the Agricultural Literacy of the Incoming Freshmen Class at a Land Grant University in the 21st Century*; Eric Kennel, Master of Science (thesis option), *A Study of Pre-service Agricultural Education Students Knowledge of Horticulture and Self-efficacy to Teach Horticulture*; Ryan Landwehr, Master of Agriculture (non-thesis option) (Chair); Jerrod Lundry (thesis option), Stephanie Mitchell-Hansen, Master of Science (thesis option), *Knowledge of and Perceptions About Agricultural Communications Competencies as Perceived by Oklahoma Agricultural Education Teachers*; Stephen Mukembo, Master of Science in International Agriculture (thesis option) (Chair); Chance Owen, Master of Science (creative component); Otis J. Pye, Master of Agriculture (non-thesis option) (Chair); Sue Ann Raby, Master of Agriculture (non-thesis option); Kristen Rhodes, Master of Science (creative component: CD-ROM, *International Agriculture for the Secondary Classroom: Mexico and Central America*) (Chair); Kendra Riley, Master of Science (thesis option), *Kansas Beef Feedlot Managers' Perceptions of Preparedness and Trusted Sources of Information Concerning an Agroterrorism Event: A Descriptive Study*; Robert (Robbie) Ross, Master of Agriculture (creative component); Amy Simmons, Master of Science (thesis option), *Students' Perceptions of the "Transfer Zone" at Oklahoma State University: A Case Study*; Wendy Slusher, Master of Science (thesis option), *Competencies Needed by Graduates of Secondary Agricultural Education in the Animal Systems Career Pathway for Entry-level Employment: A Delphi Study of Industry Experts in Oklahoma*; Kari Smith, Master of Agriculture (non-thesis option); Elvin Southerland, Master of Agriculture (non-thesis option); Ashley Stockamp, Master of Science (thesis option), *A Case Study of Oklahoma Secondary Agricultural Education Teachers' Needs in Agricultural Communications*; Nadia Thomas, Master of Agriculture (non-thesis option); Frederick Waweru, Master of Science (creative component; *Kenya's Development Towards HIV: An Analysis and Recommendations on HIV Mitigation in Nyanza Province*) (Chair); Maggie Yeargin, Master of Agriculture (non-thesis option)

**Assistant Professor of Agricultural Education**

Department of Agricultural Leadership, Education and Communication, The University of Georgia, **August, 2001-July, 2002.**

Undergraduate and Graduate Courses taught: EAGR 4340/6340 – Developing Community Programs in Agricultural Education; EAGR 4350/6350 – Curriculum

**PROFESSIONAL EXPERIENCE (continued)**

Planning in Agricultural Education; ALDR 7500 – Contemporary Issues in Agriculture.

Faculty member in the apprentice teaching program for agricultural education. Duties included instruction, supervision, and evaluation of apprentice teachers; advising undergraduate and graduate agricultural education students; student recruitment.

Developed the graduate course ALDR 7500 – Contemporary Issues in Agriculture.

Provisional member of the University of Georgia Graduate Faculty, Professional and Applied Studies.

Reading Committee: Peter N. Bennett, Master's Thesis, *The Relationship Between Job Satisfaction of Agriculture Teachers in Georgia and Their Risk of Leaving the Teaching Profession*.

Examining Committees: Chad Bass, Masters of Education (non-thesis option); Holli Bowman, Masters of Education (non-thesis option); Karen Dent, Masters of Education (non-thesis option); Jessica Eubanks, Masters of Education (non-thesis option); Jennifer Helms, Masters of Education (non-thesis option); Georgia Huff, Masters of Education (non-thesis option); Mark A. Montfort, Masters of Education (non-thesis option); Larry Lykins, Education Specialist.

**Visiting Assistant Professor of Continuing Education**

Instructional Materials Service, Department of Agricultural Education, Texas A&M University, **September, 1999 – July, 2001.**

Curriculum specialist charged with identifying and documenting agricultural science and technology courses, coherent sequences of courses, and course curricula that supported the Texas' student performance standards for science, mathematics, and English (Texas Essential Knowledge and Skills, Texas Assessment of Academic Skills Exit Level Examinations, and Texas End-of-Course Examinations for Biology and Algebra). Facilitated the development of integrated learning activities and resources that supported student learning in selected secondary agricultural science and technology courses and the life science course Biology. Guided the revision process of, and provided the editing for, selected student learning materials for the secondary course Applied Agricultural Science and Technology (AGSC 102). Performed other job responsibilities and tasks as assigned.

**Graduate Research Associate**

Department of Agricultural Education, Texas A&M University, **June, 1998 – August, 1999.**

**PROFESSIONAL EXPERIENCE (continued)**

Coordinator of various research projects: measured differences in student achievement in agriscience and technology depending on school-day scheduling pattern; determined the inservice needs of entry-phase agricultural science and technology teachers; assessed the perceptions of cooperating teachers regarding the important elements of the student teaching experience. Performed other related duties as assigned.

**Visiting Lecturer**

Department of Agricultural Education, Texas A&M University, **September, 1997 – May, 1998.**

Co-coordinator of the student teaching program, including placement, supervision, instruction, and evaluation. Advised undergraduate agricultural development and agricultural science teacher certification students.

Courses taught: AGED 425 – Course Building; AGED 426 – Methods in Adult Agricultural Education; AGED 436 – Student Teaching in Agricultural Education; AGED 427 – Occupational Experience Programs in Agriculture; AGED 301 – Topics in Agricultural Leadership and Education (laboratory section for agricultural science teacher certification majors).

**Agricultural Science & Technology Teacher**

Klein Oak High School, Klein Independent School District, Klein, Texas, **1992-1997.**

Department leader for a multiple teacher department, included three teachers and an enrollment of 275-plus students each semester. Instructor for courses related to agricultural mechanics, animal science, animal and plant production, applied agricultural science, introduction to world agricultural science and technology, personal skills development in agriculture, and wildlife and recreation management. Co-advised a 250-plus member FFA chapter and a 30-plus member support and advisory group. Supervised student agricultural experience programs, including beef, poultry, rabbits, sheep, swine, and horticulture projects. Selected accomplishments included the planning and start-up of a \$100,000-plus student project center, and a one-third increase in FFA membership. Co-advised FFA members to four consecutive District Leadership Development Event Sweepstakes titles and to one Area title. Also, three consecutive Area CDE Sweepstakes awards were earned. Co-advised a National FFA, National Chapter Rating Gold Emblem Award Chapter, 1994-95. Prepared and coached Texas FFA State Champion and National FFA Champion Poultry CDE team in 1996.

**Agricultural Science & Technology Teacher**

Stamford Junior/Senior High School, Stamford County Line Independent School District, Stamford, Texas, **1990-1992.**

**PROFESSIONAL EXPERIENCE (continued)**

Instructor for courses related to agricultural mechanics, animal science, animal and plant production, applied agricultural science, introduction to world agricultural science and technology, personal skills development in agriculture, and wildlife and recreation management. In addition, taught a 7th/8th-grade career investigation and orientation course. Advised a 60-plus member FFA chapter. Supervised student agricultural experience programs, including beef, poultry, rabbits, sheep, and swine projects. Accomplishments included a 180% increase in student enrollment and a near doubling of FFA membership percentage over a two-year period. Chapter qualified multiple LDE and CDE teams for Area and State competition for the first time in decades, including a first ever top-ten finish in a State CDE. Other achievements included an Area qualifying Star Lone Star FFA Degree candidate, a State qualifying Star Greenhand Degree candidate, and the chapter's first ever National FFA Washington Leadership Conference participant.

**Agricultural Science & Technology Teacher**

Robert E. Lee High School, Goose Creek Consolidated Independent School District, Baytown, Texas, **1982-1990**.

Teaching responsibilities included the courses Vocational Agriculture I, II, and III. Co-advised an approximately 100-member FFA chapter and a 20-plus member support and advisory group. Supervised student agricultural experience programs, including beef, poultry, rabbits, sheep, and swine projects. Participated in the supervision of five student teachers. Selected achievements included advising and coaching the National Champion team in the 1988 FFA Invitational Parliamentary Law Contest. Also, prepared two Texas State Champion Senior Chapter Conducting (Parliamentary Law) LDE teams, and advised CDE teams that placed either second or third at State events in Farm Business Management, Poultry Evaluation, and Livestock Evaluation. Coached the winning team in the Houston Livestock Show and Rodeo 4-H and FFA Livestock Judging Contest in 1986. Other accomplishments included co-advising FFA members to a Texas State FFA Leadership Development Event Sweepstakes title and twice runner-up, four consecutive Area LDE Sweepstakes titles, five consecutive Area CDE Sweepstakes titles, and five District LDE Sweepstakes awards. The chapter received either a gold or silver emblem rating in the National FFA, National Chapter Rating Award program for the years 1985-1989.

**Graduate Teaching Assistant**

Department of Agriculture, Sam Houston State University, Huntsville, Texas, **1981-1982**.

Teaching responsibilities included teaching the course AGR 110 – Training Requirements of Professional Management Positions in Agriculture, and AGR 260 – Poultry Science laboratory sections.

**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE**

Additional responsibilities included scheduling and coordinating the departmental recruiting effort, advising the Freshmen Collegiate FFA chapter, and other duties as assigned.

Co-Principal Investigator, APLU/USAID Feed the Future Initiative. *Borlaug – Facilitating Innovation and Education for National Development and Sustainability*. (~\$36,000,000 for nine years. **Selected as one of four finalists for presentation in Washington, DC; ranked second and unfunded in 2012.**)

Co-Principal Investigator, USAID Higher Education Solutions Network. *Center on Experimental Innovation, Science, and Technology (CoExIST)*. (**\$10,000,000; unfunded in 2012.**)

Proposal Collaborator, USDA/NIFA, Agriculture and Food Research Initiative's Sustainable Food Systems to Improve Food Security. *How will we Feed 9 Billion People? A System Approach to Addressing Food Security Policy*. (**In collaboration with the National Public Policy Evaluation Center [NPPEC]; letter of interest accepted and submission of full proposal pending.**)

Co-Principal Investigator, U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA), *Creating a Community of Practice among Rural Educators to Improve Teacher and Student Understanding and Exercise of Environmental Stewardship*. (**Requested funding of ~\$500,000 for two years. Pre-proposal was accepted for development and submission as a full proposal. The full proposal was not reviewed due to being submitted after the official deadline for the acceptance of submissions.**)

Co-Principal Investigator, National Science Foundation, Office of Cyberinfrastructure. *Contextualizing Cyberinfrastructure and STEM via Problem-based Cyberlearning in Agricultural Education*. (**Requested funding of \$249,964 for two years; unfunded.**)

Proposal Developer, College of Agricultural Sciences & Natural Resources, Oklahoma State University, Sitlington Enriched Graduate Scholarship Proposal 2011. *Examining and Comparing Agricultural Science and Natural Resources Education in the United States and Abroad: Implications for Informing Faculty Practice and Improving the Global Competence of Students*. (Requested \$5,000 renewable annually for 2011-2014.) (**A \$2,200 Williams' fellowship stipend renewable annually for three years was awarded.**)

Proposal Developer, College of Agricultural Sciences & Natural Resources, Oklahoma State University, Sitlington Enriched Graduate Scholarship Proposal 2010. *Examining and Comparing Agricultural Science and Natural Resources Education in the United States and Abroad: Implications for Informing Faculty*



**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE**  
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*Practice and Improving the Global Competence of Students.* (Requested \$5,000 for 2010-2013.) (A **\$2,200 Williams' fellowship stipend renewable annually for three years was awarded.**)

Project Co-director, U.S. Department of State, Bureau of Educational and Cultural Affairs, Citizens' Exchange Grant for Food Security Fellows, *Improving Food Security by Catalyzing Communication Networks between Key Stakeholders: Linking Media, Policies, and Communities in Kenya and Uganda.* (**Funded at \$480,734 for ~two years. Total project budget, including cost-share, \$578,541.**)

Campus Co-coordinator, U.S. Department of Education, Fund for International Post-secondary Education (FIPSE) project, *North American Mobility in Higher Education: Building Bridges Through Culture, Cuisine, Agriculture and Tourism.* (**Funded FY 2009-11 at \$44,211, including OSU match.**)

Co-proposal developer & graduate committee chair, *Testing the Impact of a Science-Enhanced Curriculum on the Science Achievement and Agricultural Competency of Secondary Agricultural Education Students.* National Research Center for Career and Technical Education (NRCCTE), University of Louisville. (**\$1,000 awarded.**) (Funding to provide and score ~80 tests measuring one of the dependent variables of J. Chris Haynes' dissertation research study, spring 2010.)

Project Co-director, U.S. Department of Agriculture (USDA), National Institute of Food & Agriculture (NIFA), International Science Education (ISE). *Enhancing the Global Competence of Student and Faculty and the Economic Future of Agribusiness Entrepreneurs in Mali and West Africa.* (**Requested funding of \$149,959 for ~two years.**) (Unfunded in 2010.)

Project Director, U.S. Department of Agriculture (USDA), National Institute of Food & Agriculture (NIFA), International Science Education (ISE). *Educating Human Capital to Enhance Agriculture on Two Continents: An Oklahoma-Kenya Collaboration to Meet Mutual Needs by Extending Our Global Reach.* (**Requested funding of \$149,991 for ~two years.**) (Unfunded in 2010.)

Project Director, U.S. Department of Agriculture (USDA), Cooperative State Research, Education, & Extension Service (CSREES), International Science Education (ISE). *Educating Human Capital to Enhance Agriculture on Two Continents: An Oklahoma-Kenya Collaboration to Meet Mutual Needs by Extending Our Global Reach.* (**Requested funding of \$149,955 for ~two years.**) (Unfunded in 2009.)

Recipient, College of Agricultural Sciences and Natural Resources, Oklahoma State University, Travel Assistance Grant. "Western Region CSREES

**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE**  
(continued)

Grantsmanship Workshop and Writing Winning Grants,” United States Department of Agriculture (USDA), Salt Lake City, UT, October 2008. **(Awarded \$800.)**

Project Co-director, U.S. Department of State, Bureau of Educational and Cultural Affairs, Citizens’ Exchange Grant, *Providing a Voice for the Voiceless: A Grassroots-level Development Program to Build the Capacity for Good Governance in Kenya*. **(Requested funding of \$328,435 for ~one and one-half years. Total project budget, including cost-share, \$399,969.)** (Unfunded for 2008.)

Senior Project Personnel, U.S. Department of State, Bureau of Educational and Cultural Affairs, Citizens’ Exchange Grant, *Enhancing the Economic Future of Mali and West Africa: Training Young Adults for Entrepreneurial Roles and Business Leadership*. **(Requested funding of \$317,699 for ~one and one-half years. Total project budget, including cost-share, \$414,682.)** (Unfunded for 2008.)

Principal Grant Proposal Writer & Senior Project Consultant, U.S. Department of Agriculture (USDA), Cooperative State Research, Education, & Extension Service (CSREES), International Science Education (ISE). *Operationalizing the NASULGC's African Initiative for Higher Education: Forging Partnerships and Building Global Competence Between U. S. and Malian Faculty in Agricultural Science and Natural Resources Education*. **(Funded at \$100,000 for ~one year.)**

Co-Principal investigator/project coordinator, USDA, Foreign Agricultural Service, Provincial Reconstruction Team (Technical Information) Portal, Iraq and Afghanistan. (A USDA, FAS-requested expression of interest and capabilities proposal; **estimated budget ~\$73,000 for 15 months.**) **(Unfunded.)**

Principal-investigator/project coordinator, USDA, Foreign Agricultural Service, Caucasus Agricultural Development Initiative (CADI), *USDA Program for Agricultural Education in the State Agrarian University of Armenia*. (A USDA-requested statement of interest and capabilities was submitted; **estimated budget was \$425,000 for two of three project components subject to award and contractual negotiation.**) **(Unfunded for 2007.)**

Co-principal Investigator, Improving Teacher Quality Grants Program (Georgia), *Teaching Mathematics in the Context of Agricultural Mechanics*. **(Requested funding was \$53,211.71. \$30,000 was allocated for the project from the agricultural education unit of Georgia’s department of education; however, the project’s PI left the University of Georgia before the project could be implemented.)**

**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE  
(continued)**

- Collaborator, USDA/CSREES/NRI, Integrated Grant Proposal, *Emerging Techniques for Development of Advanced Nutraceutical Delivery Systems*. **(Proposed total project budget ~\$705,000; collaborator proposed portion ~\$64,182 over three years.) (Unfunded for 2007.)**
- Senior Project Personnel, USDA, Foreign Agricultural Service, Caucasus Agricultural Development Initiative (CADI), *Transformation of Agricultural Education in the Armenian State Agrarian University*. **(Accrued salary savings of \$7,784 per my participation was applied to my Oklahoma Agricultural Experiment Station research account.)**
- Project Co-director, U.S. Department of State, Bureau of Educational and Cultural Affairs, Exchange Grant, *Nurturing the 'Fourth Estate': Professional Development for Media Specialists in the Republic of Mali, West Africa*. **(Funded at \$227,392 for one and one-half years. Total project budget, including cost-share, \$315,049.)**
- Co-Principal Investigator, *Math-in-CTE in the preservice experience: A pilot study testing the effect of student teaching in a Community of Practice*. Funding requested from the National Research Center for Career and Technical Education (NRCCTE), University of Minnesota. **(Requested funding of \$51,342.) (Unfunded for 2006)**
- Proposal Writer, Strengthening Academic Learning Through Agricultural Education (SALTAE), Special Interest Group, American Association for Agricultural Education (AAAE). Funding to support a professional development seminar describing the use of inquiry-based teaching and learning in undergraduate education. **(Requested funding of \$1,500 for one conference seminar.) (Unfunded for 2006.)**
- Grant Writer, PREP Grant, SMARTer Kids Foundation of Canada. **(Discount approved for a 37.5% reduction in costs for three items.)**
- Co-Principal Trainer, *Secondary Vocational School Student Training Program – Macedonia* (Proposal). Project contracted to World Learning by the United States Agency for International Development (USAID). **(Total project training budget, including cost-share, \$39,726; \$31,200 requested.) (Unfunded.)**
- Projector Director, Math-in-CTE, Oklahoma replication in the content area of agricultural power and technology. Project funded by the National Research Center for Career and Technical Education. **(\$117,944 awarded 2003-2004.) (Funding continued for a year two of the project; budget for July 1, 2004-December 31, 2005 was \$208,316.)**

**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE**  
(continued)

Senior Project Personnel, National Science Foundation Grant Proposal – *Effectiveness of Inquiry-based Strategies and Integrative Learning on Improving Student Performance in STEM*. Collaborating with three institutions including principal investigators, Texas A&M University, College of Agricultural and Life Sciences, Department of Agricultural Education. **(Requested funding \$1,999,994 for three years.) (Unfunded for 2004-2005.)**

Advisor, Wentz Project Award for Undergraduate Research, Oklahoma State University. Recipient: Jacob Walker. Project Title: *Is Equine Science a Valuable Curriculum Context for Enhancing the Science Achievement of Secondary Students?* **(\$4,000 awarded 2004-2005.)**

Senior Project Personnel, National Science Foundation Grant Proposal – *Increasing Secondary Agricultural Education Student Achievement in Math and Science through Integrated Curriculum and Inquiry-Based Instructional Strategies*. Planned to collaborate with 12 institutions including principal investigators, Texas A&M University, College of Agricultural and Life Sciences, Department of Agricultural Education. **(Requested funding \$2,498,216 for five years.) (Unfunded for 2004.)**

Co-Principal Investigator, Southern Region Sustainable Agriculture Research and Education Program, Research on the Adoption of Sustainable Agriculture Practices, *Sustainable Agriculture: Rewards and Determinants of Adoption by Producers*. **(Requested funding \$38,201 for one year.) (Unfunded.)**

Advisor, Wentz Project Award for Undergraduate Research, Oklahoma State University. Recipient: Jon Derek Mitchell. Project Title: *Does Secondary Agricultural Education Curriculum Promote Higher-Order Thinking Skills?* **(\$4,000 awarded 2003-2004.)**

External Evaluator, National Science Foundation Grant Proposal – *ITR: Texas Biotechnology After School Enrichment (BASE) Program*. Collaborated with principal and co-principal investigators, Texas A&M University, College of Agricultural and Life Sciences, Department of Agricultural Education. **(Requested funding \$498,840.) (Unfunded for 2003.)**

Facilitator, Georgia Vocational Staff Development Consortium (GVSDC) workshop. *Supporting Learning Across the Curriculum: Using the Context of Agriculture and the Environment to Teach Science and Mathematics*. Funding requested for a summer 2002 workshop. **(\$1,500 awarded.)**

Developer, Office of International Agriculture, College of Agricultural and Environmental Sciences, University of Georgia, Mini-Grant Proposal –

**RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE**  
(continued)

*Meeting the Professional Development Needs of Lithuanian Agricultural Educators and Agriculturalists: Assessing Impacts of Past Inservice Programming and Gauging Future Opportunities for Transnational Collaboration. (\$700 awarded.)*

Developer, University of Georgia, IDEAS Grant Proposal – *Meeting the Professional Development Needs of Lithuanian Agricultural Educators and Agriculturalists: Assessing Impacts of Past Inservice Programming and Gauging Future Opportunities for Transnational Collaboration. (Requested funding \$2,400.) (Unfunded for 2002.)*

Principal Developer, University of Georgia, Learning Technologies Grant Proposal – *Developing a “Best-Practice” Learning Environment to Prepare Educators for 21st Century Careers in Agricultural, Food, and Environmental Systems. (Requested funding \$96,232; total proposed project budget \$137,005.) (Unfunded for 2002.)*

Co-investigator, Study to determine student teachers’ perceptions regarding the importance of selected cooperating teacher, student teaching center, and student teacher-cooperating teacher relationship variables, 2000-2002. (Staff Study, Department of Agricultural Education, Texas A&M University; research budget of \$1,500.)

Investigator, Project to identify and document agricultural science and technology courses, coherent sequences of courses, course curricula, and student materials that support the Texas’ student performance standards for science, mathematics, and English (Texas Essential Knowledge and Skills [TEKS], Texas Assessment of Academic Skills Exit Level Examination, and Texas End-of-Course Examinations for Biology and Algebra I), 1999-2001. (One part of a Texas Education Agency contract; **total project budget of \$254,000.**)

Investigator, Study to determine cooperating teachers’ perceptions regarding the importance of selected cooperating teacher, student teaching center, and cooperating teacher-student teacher relationship variables, 1998-2000. (Staff Study, Department of Agricultural Education, Texas A&M University; **research budget of \$1,500.**)

Researcher, Investigation to determine the future inservice education needs of Lithuanian high school and higher school agriculture teachers, 1998-2000. (Collaborator with the NGO American Professional Partnership for Lithuanian Education (A.P.P.L.E.); **travel and related support of \$2,400.**)

## **RESEARCH, GRANTSMANSHIP, AND EXTRAMURAL FUNDING EXPERIENCE (continued)**

Primary investigator, Inquiry to compare student achievement in three school-day scheduling patterns for secondary students enrolled in the agriscience course Animal Science (AGSC 332), 1998-2000. (Dissertation research partially funded by a competitive grant received from the Office of Graduate Studies, Texas A&M University; **budget of \$2,500.**)

Coordinator/Investigator, A cooperative study involving the Texas Education Agency and the Texas A&M University Department of Agricultural Education to assess the inservice education needs of entry-phase agricultural science and technology teachers in Texas, 1997-1998. (**Texas Education Agency inservice education contract, \$25,000.**)

## **PUBLICATIONS AND PRESENTATIONS**

### **Book Chapters**

*Human Resource Development for Extension and Advisory Services: Staff Training, Adult Learning and Field Methods*, A. Kante, M. Akeredolu, M. C. Edwards, S. Moriba, & F. Annor-Frempong. *Modernizing Extension & Advisory Services (MEAS)* (Forthcoming in 2013.)

*Preparing and Advancing Teachers in Agricultural Education*, R. M. Torres, T. Kitchel, & A. L. Ball (Eds.), Chapter 7, "Designing Technical Agriculture Curriculum," M. C. Edwards & G. Thompson. (Published in 2010.)

*Educational Leadership: Global Contexts and International Comparisons*, (Volume 11 in the *International Perspectives on Education and Society Series*), A. W. Wiseman & I. Silova (Eds.), Chapter 3, pp. 81-122, "Tribalism and Its Consequences: A Cancer Infecting the Corpus of Educational Leadership in Many West African Countries," S. Moriba & M. C. Edwards. (Published in 2009.)

### **Refereed Journals**

Kanté, Assa, Edwards, M. Craig, & Blackwell, Cindy. (in review). The Sasakawa Africa Fund for Extension Education's (SAFE) initiative in Mali: Graduates' views on opportunities and constraints related to using supervised enterprise projects (SEPs) as a training approach.

Krysher, Sheyenne, Robinson, J. Shane, Montgomery, Diane, & Edwards, M. Craig. (2012). Perceptions of teaching ability during the student teaching experience in agricultural education. *Journal of Agricultural Education*, 53(4), 29-40.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Moriba, Samba, Edwards, M. Craig, Robinson, J. Shane, Cartmell II, D. Dwayne, & Henneberry, David M. (2012). Investigating the international awareness of students meeting their international dimension requirement through course offerings in a college of agriculture. Journal of Agricultural Education, 53(4), 98-111.
- Ramsey, Jon W., & Edwards, M. Craig. (2012). Entry-level technical skills that teachers expected students to learn through supervised agricultural experiences (SAEs): A modified Delphi study. Journal of Agricultural Education, 53(3), 42-55.
- Haynes, J. Chris, Robinson, J. Shane, Edwards, M. Craig, & Key, James P. (2012). Assessing the effect of using a science-enhanced curriculum to improve agriculture students' science scores: A causal comparative study. Journal of Agricultural Education, 53(2), 15-27.
- Robinson, J. Shane, & Edwards, M. Craig. (2012). How teacher self-efficacy and job satisfaction changed during the entry-year of employment of agriculture teachers: A comparison of certification types. Journal of Agricultural Education, 53(1), 150-161.
- Bunch, J. C., Robinson, J. Shane, & Edwards, M. Craig. (2012). Measuring the relationship between agriculture teachers' self-efficacy, outcome expectation, interest, and their use of interactive whiteboards. Journal of Agricultural Education, 53(1), 67-80.
- Young, R. Brent, Hodge, Angela M., Edwards, M. Craig, & Leising, James G. (2012). Learning mathematics in high school courses beyond mathematics: Combating the need for post-secondary remediation in mathematics. Career and Technical Education Research, 37(1), 21-33.
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**PUBLICATIONS AND PRESENTATIONS (continued)**

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Edwards, M. Craig, & Briers, Gary E. (1999). Assessing the inservice needs of entry-phase agriculture teachers in Texas: A discrepancy model versus direct assessment. Journal of Agricultural Education, 40(3), 40 - 49. **“Author of the Year Award,” Second Runner-up, Volume 40 - 1999.**

**Refereed Proceedings**

Bunch, J. C., Robinson, J. Shane, Edwards, M. Craig, & Antonenko, Pavlo. (accepted for presentation). The effect of a serious digital game on the animal science and mathematical competence of secondary agricultural education students: An experimental study. (2013 AAEE Southern Region Conference, Feb. 2 – 5, Orlando, FL.)

Saisi, P., & Edwards, M. Craig. (accepted for presentation). Attributes associated with diffusing ICTs to advance agricultural education at tertiary institutions in developing countries: Perceptions of future faculty. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)

Robertson, J. Tanner, Cartmell II, D. Dwayne, Edwards, M. Craig, Sitton, Shelly, Blackwell, Cindy, Hynes, James W., & Irani, Tracy. (accepted for presentation). Participants' views of training to improve communication on issues of food Security in east Africa: A project assessment. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)

Maiga, Assoumane A., Cartmell II, D. Dwayne, Edwards M. Craig, & Robinson, J. Shane. (2012). Competencies needed by university agricultural communications graduates in the Republic of Mali. (Association for International Agricultural and Extension Education [AIAEE] Conference, May 21 – 24, Nakhon Pathom, Thailand.)

George, Denise, Sitton, Shelly P., Edwards, M. Craig, Cartmell II, D. Dwayne, Blackwell, Cindy, & Robertson, J. Tanner. (2012). African food security fellows' perceptions of their experiences in the United States: Reflective journaling as a way to interpret and understand an international experience. (Association for International Agricultural and Extension Education [AIAEE] Conference, May 21 – 24, Nakhon Pathom, Thailand.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Saisi, Patrick. L., & Edwards M. Craig. (2012). Barriers impacting the diffusion of information communication technologies (ICTs) in agricultural colleges and universities in the developing world: Views of aspiring faculty. (Association for International Agricultural and Extension Education [AIAEE] Conference, May 21 – 24, Nakhon Pathom, Thailand.)
- Kanté, Assa, Edwards, M. Craig, & Blackwell, Cindy. (2012). The Sasakawa Africa fund for extension education's (SAFE) training program: Examining relationships between graduates' personal and professional characteristics and their views on the training program. (Association for International Agricultural and Extension Education [AIAEE] Conference, May 21 – 24, Nakhon Pathom, Thailand.)
- Moriba, Samba, & Edwards, M. Craig. (2012). How globally competent are students who complete an international dimension course at a U.S. college of agriculture? Implications for improving the preparation of professionals for careers in agricultural and extension education. (Association for International Agricultural and Extension Education [AIAEE] Conference, May 21 – 24, Nakhon Pathom, Thailand.)
- Moriba, Samba, & Edwards, M. Craig. (2012). Causes and consequences of the privatization of public schools in post-conflict societies: The case of Liberia and Sierra Leone. (Fifty-sixth Annual Conference of the Comparative and International Education Society [CIES], San Juan, Puerto Rico.)
- Moriba, Samba, & Edwards, M. Craig. (2012). Investigating the global competence of students meeting their international dimension requirement through course offerings: Implications for improving undergraduate education in the college of agriculture at Oklahoma State University. (2012 AAAE Southern Region Conference, Feb. 5 – 8, Birmingham, AL.)
- Krysher, Sheyenne, Robinson, J. Shane, & Edwards, M. Craig. (2012). Using the time student teachers allocated to teaching agriculture to understand their views on teacher efficacy. (2012 AAAE Southern Region Conference, Feb. 5 – 8, Birmingham, AL.)
- Bunch, J. C., Whisenhunt, Jeffrey H, Robinson, J. Shane, & Edwards, M. Craig. (2012). Oklahoma teachers' use of interactive whiteboards (IWBs) in the secondary agricultural education classroom: Measures of teacher innovativeness and selected relationships. (2012 AAAE Southern Region Conference, Feb. 5 – 8, Birmingham, AL.)
- Bunch, J. C., Lamm, Alexa J., Israel, Glenn D, & Edwards, M. Craig. (2011). Examining the barriers and motivations influencing undergraduate students' choices to participate in international experiences: A comparison of two universities. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.) **Outstanding Graduate Student Paper Presentation – Second runner-up.**

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Hynes, James W., Murphrey, Theresa P., Edwards, M. Craig. (2011). Introduction of modernized relic technology for sustainable agricultural practices in Mali: Strategies, challenges, & opportunities—a case study. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.)
- Kanté, Assa, Edwards, M. Craig, & Blackwell, Cindy. (2011). The Sasakawa Africa Fund for Extension Education's (SAFE) initiative to serve rural populations in Africa through supervised enterprise projects (SEPs): Graduates' perceptions of opportunities and constraints related to using SEPs in Mali. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.)
- Kanté, Assa, Edwards, M. Craig, & Blackwell, Cindy. (2011). An assessment of the Sasakawa Africa Fund for Extension Education's (SAFE) training program in Mali: Graduates' perceptions of the training's impact on their professional performance and their clients' practices. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.)
- Moriba, Samba, & Edwards, M. Craig. (2011). Investigating the international awareness of students meeting their international dimension requirement through course offerings in the college of agriculture at Oklahoma State University. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.)
- Bunch, J. C., Robinson, J. Shane, & Edwards, M. Craig. (2011). Teachers' use of interactive whiteboards in the secondary agricultural education classroom: Measures of self-efficacy, outcome expectations, interest, and selected relationships. (2011 AAEE, National Agricultural Education Research Conference, [online], May 24 – 27, Coeur d'Alene, ID.)
- Haynes, J. Chris, Robinson, J. Shane, Edwards, M. Craig, & Key, James P. (2011). Determining the effect of a science-enhanced curriculum taught in an animal science or horticulture course on student science achievement: A causal comparative study. (2011 AAEE, National Agricultural Education Research Conference, [online], May 24 – 27, Coeur d'Alene, ID.)
- Bunch, J. C., Robinson, J. Shane, & Edwards, M. Craig. (2011). Teachers' use of interactive whiteboards in the secondary agricultural education classroom: Measures of self-efficacy, outcome expectations, interest, and selected relationships. (2011 AAEE Southern Region Conference, [online], February 5 – 8, Corpus Christi, TX.)
- Haynes, J. Chris, Robinson, J. Shane, Edwards, M. Craig, & Key, James P. (2011). Determining the effect of a science-enhanced curriculum on agricultural content knowledge: A causal comparative study. (2011 AAEE Southern Region Conference, [online], February 5 – 8, Corpus Christi, TX.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Ramsey, Jon W., & Edwards, M. Craig. (2011). Entry-level technical skills that teachers expected students to learn through participation in the supervised agricultural experience (SAE) component of secondary agricultural education: A modified Delphi study. (2011 AAAE Southern Region Conference, [online], February 5 – 8, Corpus Christi, TX.)
- Robinson, J. Shane, & Edwards, M. Craig. (2011). How teacher self-efficacy and job satisfaction changed during the entry-year of employment of agriculture teachers: A comparison of certification types. (2011 AAAE Southern Region Conference, [online], February 5 – 8, Corpus Christi, TX.) **Outstanding Paper Presentation Award – 1st place.**
- Kennel, Eric G., Leising, James G., & Edwards, M. Craig. (2010). A study of pre-service agricultural education students: Knowledge of horticulture and self-efficacy to teach horticulture. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Slusher, Wendy L., Robinson, J. Shane, & Edwards, M. Craig. (2010). An assessment of the animal science technical skills secondary agricultural education graduates need for employment in the animal science industry: A Delphi study. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Ramsey, Jon W., & Edwards, M. Craig. (2010). Entry-level technical skills that agricultural industry experts expect students to learn through participation in the supervised agricultural experience component of secondary agricultural education: A Delphi study. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Hynes, James W., Murphrey, Theresa P., & Edwards, M. Craig. (2010). International experiences and the power of reciprocity: Bringing Mali to U.S. academia and an Amish farming community -- Who was impacted more? Proceedings of the 26th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.
- Robertson, J. Tanner, Cartmell, D. Dwayne, II, Edwards, M. Craig, Blackwell, Cindy, Sitton, Shelly, Hynes, James W., & Irani, Tracy. (2010). The personal impact on U.S. agricultural faculty, students and media practitioners who participated in a citizens' exchange project: A case study. Proceedings of the 26th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.
- Moriba, Samba, Kandeh, Joseph B. A., & Edwards, M. Craig. (2010). Diffusion of technologies by the Tikonko agricultural extension centre (TAEC) to farmers of the Tikonko Chiefdom in Sierra Leone: Identifying problems and solutions. Proceedings of the 26th



**PUBLICATIONS AND PRESENTATIONS (continued)**

Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 16 – 19, 2010, Saskatoon, Canada.

Slusher, Wendy L., Robinson, J. Shane, & Edwards, M. Craig. (2010). Identifying the animal science technical competencies necessary for entry-level employment of high school graduates. (Paper Session). 2010 American Educational Research Association (AERA) Conference, Denver, CO.

Slusher, Wendy L., Robinson, J. Shane, & Edwards, M. Craig. (2010). Animal science experts' opinions of the non-technical skills secondary agricultural education graduates need for employment. (Roundtable Session). 2010 American Educational Research Association (AERA) Conference, Denver, CO.

Ramsey, Jon W., & Edwards, M. Craig. (2010). Entry-level technical skills that agricultural industry experts expect students to learn through participation in the supervised agricultural experience component of secondary agricultural education: A Delphi study. (2010 AAAE Western Region Conference, April 21 – 23, Great Falls, MT.) **Received “Distinguished Manuscript” Award; one of two for the conference.**

Kennel, Eric G., Leising, James G., & Edwards, M. Craig. (2010). A study of pre-service agricultural education students: Knowledge of horticulture and self-efficacy to teach horticulture. (2010 AAAE Southern Region Conference, [online], February 6 – 9, Orlando, FL.)

Slusher, Wendy L., Robinson, J. Shane, & Edwards, M. Craig. (2010). An assessment of the animal science technical skills secondary agricultural education graduates need for employment in the animal science industry: A Delphi study. (2010 AAAE Southern Region Conference, [online], February 6 – 9, Orlando, FL.)

Jivetti, Billystrom, & Edwards, M. Craig. (2009). Factors affecting the performance of women's self-help groups in Western Kenya. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.

Kock, Tim K., Krysher, Sheyenne, & Edwards, M. Craig. (2009). The use of micro-grants to help bridge the gender gap in Afghanistan by empowering rural female entrepreneurs and farmers. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.

Hynes, James W., Edwards, M. Craig, & Murphrey, Theresa P. (2009). Using modernized relic technology to better enable sustainable agricultural practices in developing countries: A philosophical and practical reorientation for Mali's farmers. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension

**PUBLICATIONS AND PRESENTATIONS (continued)**

Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico. **Outstanding Paper Presentation – Second Place.**

Moriba, Samba, Kandeh, Joseph B. A., & Edwards, M. Craig. (2009). The impact of technologies diffused by the Tikonko agricultural extension centre (TAEC) on farmers of the Tikonko Chiefdom in Sierra Leone. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.

Cartmell, D. Dwayne, II, Sitton, Shelly, Blackwell, Cindy, Edwards, M. Craig, Hynes, James W., & Irani, Tracy. (2009). The impact of cross-cultural training experiences on Malian journalists who report on agricultural and environmental issues: Did their views on media ethics change? Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.

Young, R. Brent, & Edwards, M. Craig. (2008). A profile of cooperating teachers and schools in North Dakota: Implications for the student teaching experience in agricultural education. 2008 Proceedings of the National Agricultural Education Research Conference (NAERC). (2008 AAAE, National Agricultural Education Research Conference, May 21-23, 2008 release.)

Mitchell-Hanson, Stephanie, Sitton, Shelly, & Edwards, M. Craig. (2008). Perceptions of Oklahoma agricultural education teachers' about selected agricultural communications competencies: A case for curriculum reform. Proceedings of the 2008 Western Region AAAE Research Conference, 27. (2008 AAAE Western Region Agricultural Education Conference, CD-ROM, April 16-19, 2004 release, Park City, UT.)

Cartmell, D. Dwayne, II, Edwards, M. Craig, Sitton, Shelly, Blackwell, Cindy, Hynes, James, W., & Irani, Tracy. (2008). An agrarian societies' developing press system: Malian journalists' views on democracy, media and ethics. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.

Jivetti, Billystrom, & Edwards, M. Craig. (2008). Women's self-help groups in Western Kenya and their needs for education and training. *Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE)*, March 11 – 14, 2008, San Jose, Costa Rica. **Outstanding Graduate Student Research Paper Presentation.**

Young, R. Brent, Edwards, M. Craig, & Leising, James G. (2008). Effects of a math-enhanced curriculum and instructional approach on students' achievement in mathematics: A year-long experimental study in agricultural power and technology. (2008 AAAE Southern Region Conference, CD-ROM, February 2-5, 2008 release, Dallas, TX.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Parr, Brian A., Edwards, M. Craig, & Duncan, Dennis W. (2007). Perceptions and assessments of Georgian agricultural education teachers who participated in professional development seminars in 2006. Proceedings of the 23rd Annual Conference, Association for International Agricultural and Extension Education (AIAEE). (CD-ROM, May 20-24, 2007, Polson, MT.)
- Kock, Tim K., & Edwards, M. Craig. (2007). Re-purposing the livelihoods of Afghani farmers: An examination of licit alternatives to producing opium poppy. Proceedings of the 23rd Annual Conference, Association for International Agricultural and Extension Education (AIAEE). (CD-ROM, May 20-24, 2007, Polson, MT.)
- Young, R. Brent, Edwards, M. Craig, & Leising, James G. (2007). Effects of a math-enhanced curriculum and instructional approach on students' need for post-secondary remediation in mathematics: A year-long experimental study in agricultural power and technology. (National Agricultural Education Research Conference, CD-ROM, May 16-18, 2007 release, Minneapolis, MN.) **Outstanding Research Paper Presentation.**
- Young, R. Brent, Edwards, M. Craig, & Leising, James G. (2007). Does a math-enhanced curriculum and instructional approach diminish students' attainment of technical competence? A year-long experimental study in agricultural power and technology. (2007 AAEE Southern Region Conference, CD-ROM, February 3 – 7, 2007 release, Mobile, AL.) **Outstanding Research Paper Presentation, 1st runner-up.**
- Young, R. Brent, Edwards, M. Craig, & Leising, James G. (2006). Effects of a math-enhanced curriculum and instructional approach on students' need for post-secondary remediation in mathematics: A year-long experimental study in agricultural power and technology. (60th Annual North-Central Region AAEE Conference Proceedings, CD-ROM, September 21-23, 2006 release, Ames, IA.)
- Parr, Brian A., Edwards, M. Craig, & Leising, James G. (2006). Selected effects of a curriculum integration intervention on the mathematics performance of secondary students enrolled in an agricultural power and technology course: An experimental study. (National Agricultural Education Research Conference, CD-ROM, May 18-19, 2006 release, Charlotte, NC.)
- Parr, Brian A., Edwards, M. Craig, & Leising, James G. (2006). Does a curriculum integration intervention to improve the mathematics achievement of students diminish their acquisition of technical competence? An experimental study in agricultural mechanics. (National Agricultural Education Research Conference, CD-ROM, May 18-19, 2006 release, Charlotte, NC.) **Outstanding Research Paper Presentation, 1st runner-up.**
- Parr, Brian A., Edwards, M. Craig, & Leising, James G. (2006). Does a curriculum integration intervention to improve the mathematics achievement of students diminish their acquisition of technical competence? An experimental study in agricultural mechanics.

**PUBLICATIONS AND PRESENTATIONS (continued)**

(2006 AAAE Southern Region Conference, CD-ROM, February 4 – 8, 2006 release, Orlando, FL.) **Outstanding Research Paper Presentation Award Winner.**

Young, R. Brent, & Edwards, M. Craig. (2006). Important elements of the student teaching experience in agricultural education: A comparison of cooperating teachers' and student teachers' perceptions. (2006 AAAE Southern Region Conference, CD-ROM, February 4 – 8, 2006 release, Orlando, FL.)

Young, R. Brent, & Edwards, M. Craig. (2005). A comparison of Oklahoma student teachers' perceptions of important elements of the student teaching experience before and after a 12-week field experience. (National Agricultural Education Research Conference, CD-ROM, May, 2005 release, San Antonio, TX.)

Parr, Brian A., Edwards, M. Craig, & Leising, James G. (2005). Effects of a math-enhanced curriculum and instructional approach on the achievement of agricultural power and technology students as measured by an examination to determine student need for postsecondary remediation in mathematics: An experimental study. (Western Region Agricultural Education Conference, Proceedings Volume XXIV, CD-ROM, April 20-23, 2005 release, Prescott, AZ.)

Young, R. Brent, & Edwards, M. Craig. (2005). A comparison of Oklahoma student teachers' perceptions of important elements of the student teaching experience before and after a 12-week field experience. (Western Region Agricultural Education Conference, Proceedings Volume XXIV, CD-ROM, April 20-23, 2005 release, Prescott, AZ.)

Young, R. Brent, & Edwards, M. Craig. (2005). A profile of cooperating teachers and centers in Oklahoma: Implications for the student teaching experience in agricultural education. 2005 Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2005 AAAE Southern Region Conference, CD-ROM, February 6-7, 2005 release.)

Pennington, Penny, & Edwards, M. Craig. (2004). Youth leadership participation and civic engagement: A statewide study. Proceedings of the Association of Leadership Educators 2004 Annual Conference, Memphis, TN. Available at: <http://www.leadershipeducators.org/2004/penningtonedwards.pdf>

Pennington, Penny, & Edwards, M. Craig. (2004). Former 4-H key club members' perceptions of the impact of "giving" life skills preparation on their civic engagement. Proceedings of the 31st National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, May 27, 2004 release, St. Louis, MO.)

Edwards, M. Craig, & Ramsey, Jon W. (2004). Cognitive learning, student achievement, and instructional approach in secondary agricultural education: A review of literature with implications for future research. Proceedings of the 31st National Agricultural

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, May 27, 2004 release, St. Louis, MO.)
- Pennington, Penny, & Edwards, M. Craig. (2004). Former 4-H key club members' perceptions of the impact of "giving" life skills preparation on their civic engagement. 2004 Proceedings of the Western Region Agricultural Education Research Conference. (2004 AAAE Western Region Agricultural Education Conference, CD-ROM, April 21-24, 2004 release, Honolulu, Hawaii.)
- Ramsey, Jon W., & Edwards, M. Craig. (2004). Informal learning in science: Does agricultural education have a role? Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2004 AAAE Southern Region Conference, CD-ROM, February 15-16, 2004 release.)
- Parr, Brian A., & Edwards, M. Craig. (2003). Inquiry-based instruction in secondary agricultural education: Problem solving—An old friend revisited. Proceedings of the 30th National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, December 10, 2003 release, Orlando, FL.)
- Edwards, M. Craig, Harlin, Julie F., & Briers, Gary E. (2003). A comparison of cooperating teachers' and student teachers' perceptions of important elements of the student teaching experience in agricultural education. Proceedings of the 30th National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, December 10, 2003 release, Orlando, FL.)
- Edwards, M. Craig. (2003). Cognitive learning and student achievement in secondary-level agricultural education: A synthesis with implications for future research. (Proceedings of the Western Region Agricultural Education Research Conference. (2003 AAAE Western Region Agricultural Education Conference, CD-ROM, April 23-26, 2003 release, Portland, OR.)
- Parr, Brian A., & Edwards, M. Craig. (2003). Inquiry based instruction in secondary agricultural education: Problem solving—An old friend revisited. 2003 Proceedings of the Western Region Agricultural Education Research Conference. (2003 AAAE Western Region Agricultural Education Conference, CD-ROM, April 23-26, 2003 release, Portland, OR.)
- Edwards, M. Craig, Putelis, Linas, & Thuemmel, William L. (2003). Lithuania's accession to the European union: Looking through the eyes of the Lithuanian chamber of agriculture—What was expected to happen? What happened? Why did it happen that way? Proceedings of the 19th Annual Conference, Association for International Agricultural and Extension Education (AIAEE). (CD-ROM, April 8-12, 2003 release, Raleigh, NC.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig. (2003). Cognitive learning and student achievement in secondary-level agricultural education: A synthesis with implications for future research. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2003 AAAE Southern Region Conference, CD-ROM, February 2-4, 2003 release.)
- Edwards, M. Craig, McLucas, Bryan, Briers, Gary E., & Rohs, Fredrick R. (2002). Assessing the educational interests of secondary-level agricultural teachers and agricultural extension agents in Georgia: Implications for the delivery of educational programming at a distance. Proceedings of the 29th National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, December 11, 2002 release, Las Vegas, NV.)
- Bennett, Peter N., Iverson, Maynard J., Rohs, Fredrick R., Langone, Christine A., & Edwards, M. Craig. (2002). Job satisfaction of agriculture teachers in Georgia and selected variables indicating their risk of leaving the teaching profession. Proceedings of the 29th National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, December 11, 2002 release, Las Vegas, NV.)
- Edwards, M. Craig, Harlin, Julie F., & Briers, Gary E. (2002). A comparison of cooperating teachers' and student teachers' perceptions of important elements of the student teaching experience in agricultural education. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2002 AAAE Southern Region Conference, CD-ROM, February 2-4, 2002 release, Orlando, FL.)
- Bennett, Peter N., Iverson, Maynard J., Rohs, Fredrick R., Langone, Christine A., & Edwards, M. Craig. (2002). Job satisfaction of agriculture teachers in Georgia and selected variables indicating their risk of leaving the teaching profession. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2002 AAAE Southern Region Conference, CD-ROM, February 2-4, 2002 release, Orlando, FL.)
- Harlin, Julie F., Edwards, M. Craig, & Briers, Gary E. (2001). A comparison of student teachers' perceptions of important elements of the student teaching experience before and after completing an 11-week field experience. Proceedings of the 28th Annual National Agricultural Education Research Conference, New Orleans, LA. (National Agricultural Education Research Conference, CD-ROM, December 12, 2001 release.)
- Edwards, M. Craig, Briers, Gary E., & Shinn, Glen C. (2001). A proposal for taking the university to the people: Developing an extension model for Russia in the 21st century. Association for International Agricultural and Extension Education, Proceedings of the 17th Annual Conference, Volume XVII, April 4-7, 2001, Baton Rouge, Louisiana, 117-125.
- Edwards, M. Craig, & Briers, Gary E. (2000). Value of scheduling-related inservice education, opportunity to implement effective instructional practices, and performance of block-

**PUBLICATIONS AND PRESENTATIONS (continued)**

- scheduled learners in agricultural science: A correlational study. Proceedings of the 27th Annual National Agricultural Education Research Conference, San Diego, CA. (National Agricultural Education Research Conference, CD-ROM, Winter 2000 release.)
- Edwards, M. Craig, & Briers, Gary E. (2000). Cooperating teachers' perceptions of important elements of the student teaching experience: A focus group approach with quantitative follow-up. Proceedings of the 27th Annual National Agricultural Education Research Conference, San Diego, CA. (National Agricultural Education Research Conference, CD-ROM, Winter 2000 release.)
- Edwards, M. Craig, & Briers, Gary E. (2000). Does school-day scheduling pattern influence higher-order thinking skills (hots) achievement in agricultural science? Proceedings of the 19th Annual Western Region Agricultural Education Research Conference, 43-54, Las Cruces, NM.
- Edwards, M. Craig, Meaders, O. Don, & Brousseau, James. (2000). Perceptions of agricultural educators in the Former Soviet Union on the usefulness of selected inservice education topics and future inservice education needs: A cross-case analysis. Proceedings of the 16th Annual Association for International Agricultural and Extension Education Conference, Session J, Paper 1, Arlington, VA.
- Edwards, M. Craig, & Thuemmel, William L. (2000). Perceptions and assessments of selected topics by Lithuanian teachers who participated in agricultural education in-service seminars in 1999. Proceedings of the 16th Annual Association for International Agricultural and Extension Education Conference, Session I, Paper 3, Arlington, VA. **Outstanding Research Paper Award, 2000.**
- Edwards, M. Craig, & Briers, Gary E. (1999). Higher-order thinking skills versus lower-order thinking skills: Does block scheduling influence achievement at different levels of learning? Proceedings of the 26th Annual National Agricultural Education Research Conference, 278-291, Orlando, FL.
- Edwards, M. Craig, & Briers, Gary E. (1999). Selected variables related to expected longevity in teaching of entry-phase agriculture teachers in Texas. Proceedings of the 18th Annual Western Region Agricultural Education Research Conference, 56-67, Corpus Christi, TX.
- Edwards, M. Craig, & Briers, Gary E. (1999). Selected factors influencing expected longevity in teaching of entry-phase agriculture teachers in Texas. Proceedings of the 49th Annual AAAE Southern Agricultural Education Research Meeting, 74-84, Memphis, TN.
- Edwards, M. Craig, & Briers, Gary E. (1998). Assessing the inservice needs of entry-phase agriculture teachers in Texas: A discrepancy model versus direct assessment.

**PUBLICATIONS AND PRESENTATIONS (continued)**

Proceedings of the 25th Annual National Agricultural Education Research Meeting, 322-332, New Orleans, LA.

Briers, Gary E., & Edwards, M. Craig. (1998). Assessing inservice needs of entry-phase agriculture teachers in Texas. Proceedings of the Seventeenth Annual Western Agricultural Education Research Meeting, XVII, 127-138, Salt Lake City, UT.

**Research Conference Presentations\* (\*Either lead or sole presenter)**

Moriba, Samba, & \*Edwards, M. Craig. (2011). Investigating the international awareness of students meeting their international dimension requirement through course offerings in the college of agriculture at Oklahoma State University. (Association for International Agricultural and Extension Education (AIAEE) Conference, July 4 – 7, Windhoek, Namibia.)

Kennel, Eric G., Leising, James G., & \*Edwards, M. Craig. (2010). A study of pre-service agricultural education students: Knowledge of horticulture and self-efficacy to teach horticulture. (2010 AAAE Southern Region Conference, [online], February 6 – 9, Orlando, FL.)

Cartmell, D. Dwayne, II, \*Edwards, M. Craig, Sitton, Shelly, Blackwell, Cindy, Hynes, James, W., & Irani, Tracy. (2008). An agrarian society's developing press system: Malian journalists' views on democracy, media and ethics. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.

Cartmell, D. Dwayne, II, Sitton, Shelly, Blackwell, Cindy, & Edwards, M. Craig. (2007). Nurturing the "Fourth Estate": Cultural experiences with media in the Republic of Mali, West Africa. Association for Communication Excellence (ACE), 2007 International meeting, Albuquerque, NM.

Pennington, Penny, & Edwards, M. Craig. (2004). "Giving" life skills preparation and civic engagement: A comparative study examining former Oklahoma 4-H key club members and adult Oklahoma residents. (Research paper presented at the 2004 NAE4-HA Conference, October 31 – November 4, Oklahoma City, OK.)

\*Edwards, M. Craig, Harlin, Julie F., & Briers, Gary E. (2003). A comparison of cooperating teachers' and student teachers' perceptions of important elements of the student teaching experience in agricultural education. Paper presented at the 30th National Agricultural Education Research Conference (NAERC), December 10, 2003, Orlando, FL.  
**Outstanding Paper Presentation Award, Second Runner-up, 2003.**

\*Edwards, M. Craig. (2003). Cognitive learning and student achievement in secondary-level agricultural education: A synthesis with implications for future research. Paper



**PUBLICATIONS AND PRESENTATIONS (continued)**

presented at the Western Region Agricultural Education Conference (WRAEC), April 23-26, 2003, Portland, OR.

\*Edwards, M. Craig, Putelis, Linas, & Thuemmel, William L. (2003). Lithuania's accession to the European union: Looking through the eyes of the Lithuanian chamber of agriculture—What was expected to happen? What happened? Why did it happen that way? Paper presented at the 19th Annual Association for International Agricultural and Extension Education (AIAEE) Conference, April 8-12, 2003, Raleigh, NC.

\*Edwards, M. Craig. (2003). Cognitive learning and student achievement in secondary-level agricultural education: A synthesis with implications for future research. Paper presented at the Southern Agricultural Education Research Conference (SAERC), February 3, 2003, Mobile, AL.

\*Edwards, M. Craig, McLucas, Bryan, Briers, Gary E., & Rohs, Fredrick R. (2002). Assessing the educational interests of secondary-level agricultural teachers and agricultural extension agents in Georgia: Implications for the delivery of educational programming at a distance. Paper presented at the 29th National Agricultural Education Research Conference, December 11, 2002, Las Vegas, NV.

Bennett, Peter N., Iverson, Maynard J., Rohs, Fredrick R., Langone, Christine A., & \*Edwards, M. Craig. (2002). Job satisfaction of agriculture teachers in Georgia and selected variables indicating their risk of leaving the teaching profession. Paper presented at the 29th National Agricultural Education Research Conference, December 11, 2002, Las Vegas, NV.

\*Edwards, M. Craig, Harlin, Julie F., & Briers, Gary E. (2002). A comparison of cooperating teachers' and student teachers' perceptions of important elements of the student teaching experience in agricultural education. Paper presented at the 2002 AAAE Southern Region Conference, February 3, 2002, Orlando, FL.

Bennett, Peter N., Iverson, Maynard J., Rohs, Fredrick R., Langone, Christine A., & \*Edwards, M. Craig. (2002). Job satisfaction of agriculture teachers in Georgia and selected variables indicating their risk of leaving the teaching profession. Paper presented at the 2002 AAAE Southern Region Conference, February 3, 2002, Orlando, FL. **Outstanding Research Paper Presentation, Second Runner-up, 2002.**

\*Edwards, M. Craig, Briers, Gary E., & Shinn, Glen C. (2001). A proposal for taking the university to the people: Developing an extension model for Russia in the 21<sup>st</sup> century. Paper presented at the 17th Annual Conference, Association for International Agricultural and Extension Education, April 4 - 7, 2001, Baton Rouge, LA.

\*Edwards, M. Craig, & Briers, Gary E. (2000). Cooperating teachers' perceptions of important elements of the student teaching experience: A focus group approach with quantitative

**PUBLICATIONS AND PRESENTATIONS (continued)**

- follow-up. Paper presented at the 27th Annual National Agricultural Education Research Conference, December 6, 2000, San Diego, CA.
- \*Edwards, M. Craig. (2000). A Model for Documenting Agricultural Science and Technology Instructional Materials That Support Student Learning Across the Curriculum. A presentation to the National Career and Technical Education Curriculum Symposium, Williamsburg, VA.
- \*Edwards, M. Craig, & Briers, Gary E. (2000). Does school-day scheduling pattern influence higher-order thinking skills (hots) achievement in agricultural science? Paper presented at the 19th Annual Western Region Agricultural Education Research Conference, Las Cruces, NM.
- \*Edwards, M. Craig, Meaders, O. Don, & Brousseau, James. (2000). Perceptions of agricultural educators in the Former Soviet Union on the usefulness of selected inservice education topics and future inservice education needs: A cross-case analysis. Paper presented at the 16th Annual Association for International Agricultural and Extension Education Conference, Arlington, VA.
- \*Edwards, M. Craig, & Thuemmel, William L. (2000). Perceptions and assessments of selected topics by Lithuanian teachers who participated in agricultural education in-service seminars in 1999. Paper presented at the 16th Annual Association for International Agricultural and Extension Education Conference, Arlington, VA.
- \*Edwards, M. Craig, & Briers, Gary E. (2000). Higher-order thinking skills versus lower-order thinking skills: Does school-day scheduling pattern influence achievement at different levels of learning? Paper presented at the 50th Annual AAAE Southern Agricultural Education Research Meeting, Lexington, KY.
- \*Edwards, M. Craig, & Briers, Gary E. (1999). Higher-order thinking skills versus lower-order thinking skills: Does block scheduling influence achievement at different levels of learning? Paper presented at the 26th Annual National Agricultural Education Research Conference, Orlando, FL.
- \*Edwards, M. Craig, & Briers, Gary E. (1999). Assessing the inservice needs of entry-phase agriculture teachers in Texas: A discrepancy model versus direct assessment. Paper presented at the 22nd Annual Eastern Evaluation Research Society Conference, Lancaster, PA.
- \*Edwards, M. Craig, & Briers, Gary E. (1999). Selected variables related to expected longevity in teaching of entry-phase agriculture teachers in Texas. Paper presented at the 18th Annual Western Region Agricultural Education Research Conference, Corpus Christi, TX.

**PUBLICATIONS AND PRESENTATIONS (continued)**

\*Edwards, M. Craig, & Briers, Gary E. (1999). Selected factors influencing expected longevity in teaching of entry-phase agriculture teachers in Texas. Paper presented at the 49th Annual AAEE Southern Agricultural Education Research Meeting, Memphis, TN.

\*Edwards, M. Craig, & Briers, Gary E. (1998). Assessing the inservice needs of entry-phase agriculture teachers in Texas: A discrepancy model versus direct assessment. Paper presented at the 25th Annual National Agricultural Education Research Meeting, New Orleans, LA.

Briers, Gary E., & \*Edwards, M. Craig. (1998). Assessing inservice needs of entry-phase agriculture teachers in Texas. Paper presented at the 17th Annual Western Agricultural Education Research Meeting, Salt Lake City, UT. **Outstanding Research Presentation Award, First Runner-up.**

**Refereed Reports**

Shinn, Glen C., Briers, Gary E., Christiansen, James E., Edwards, M. Craig, Harlin, Julie. F., Lawver, David E., et al. (2003). Improving student achievement in mathematics: An important role for secondary agricultural education in the 21st century. Monograph, National Council for Agricultural Education.

Edwards, M. Craig, Leising, James G., & Parr, Brian A. (2002). Improving student achievement in science: An important role for secondary agricultural education in the 21st century. Monograph, National Council for Agricultural Education.

**Refereed Posters**

Edwards, M. Craig, Traoré, T. Aissata, Dicko, Mamadou M., & Kanté, Assa. (accepted for presentation). 825 steps: Exploring the merits of Rogers' posit on *strength-of-weak-ties* as a Winrock International (WI) volunteer in Mali. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)

Edwards, M. Craig, Traoré, T. Aissata, Dicko, Mamadou M., & Kanté, Assa. (accepted for presentation). Assessing the views of multiple stakeholders to understand the learning experiences of agro-pastoralist students in Mali: Implications for improving a school's performance. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)

Edwards, M. Craig, & Robinson, J. Shane. (accepted for presentation). Revisiting Rogers' theory for understanding the diffusion of innovations: Students' voices on using case method to critically examine the model and their learning experiences. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Maiga, Assoumane A. Cartmell II, D. Dwayne, Edwards, M. Craig, & Robinson, J. Shane. (accepted for presentation). Putting research to work: Developing a curriculum framework for university students studying agricultural communications in Mali. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)
- Thomas, Christopher A., Thomas, Nadia, & Edwards, M. Craig. (accepted for presentation). Applying U.S. military counterinsurgency *logical lines of operation* to achieve progress in wheat production in Afghanistan: A model for agricultural extension educators working in post-conflict areas. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)
- Alcala, Mitchell, Cartmell II, D. Dwayne, Edwards, M. Craig, Sitton, Shelly, Cook, Jeremy, & Hynes, James W. (accepted for presentation). Along life's visual journey: Documenting international development experiences using photography. (Association for International Agricultural and Extension Education [AIAEE] 29th Annual Conference, May 19 – 23, Ft. Worth, TX, USA.)
- Edwards, M. Craig, & Robinson, J. Shane. (accepted for presentation). Revisiting Rogers' theory for understanding the diffusion of innovations: Students' voices on using case method to critically examine the model and their learning experiences. (2013 AAEA Southern Region Conference, February 2 – 5, Orlando, FL.)
- Tillinghast, Stephen, Vaz, Katie, Mese, Ashton, Ramsey, Jon. W., Edwards, M. Craig, Cartmell II, D. Dwayne, Sitton, Shelly, & Naile, Traci. (accepted for presentation). Blogging through Uganda: A way for undergraduate agricultural students to reflect on a learning experience in international agricultural development. (2013 AAEA Southern Region Conference, February 2 – 5, Orlando, FL.)
- Edwards, M. Craig, Sitton, Shelly, George, Denise, Cartmell II, D. Dwayne, Blackwell, Cindy, & Robertson, J. Tanner. (2012). Leveraging an international exchange project to provide an "international experience" for U.S. undergraduate students studying agriculture: Traveling without leaving home. (Association for International Agricultural and Extension Education [AIAEE] 28th Annual Conference, May 21 – 24, Nakhon Pathom, Thailand.)
- Mukembo, Stephen, & Edwards, M. Craig. (2012). Tree planting in Uganda: A way to teach sustainable agricultural practices while reducing the poverty of school dropouts. (Association for International Agricultural and Extension Education [AIAEE] 28th Annual Conference, May 21 – 24, Nakhon Pathom, Thailand.) **Outstanding Graduate Student Poster Presentation.**
- Edwards, M. Craig, & Castilho, Amilai M. (2012). Two continents, two universities, one vision: Collaborating to deliver a MSc program in agriculture. (Association for International

**PUBLICATIONS AND PRESENTATIONS (continued)**

Agricultural and Extension Education [AIAEE] 28th Annual Conference, May 21 – 24, Nakhon Pathom, Thailand.)

Sitton, Shelly P., George, Denise, Edwards, M. Craig, Cartmell II, D. Dwayne, Blackwell, Cindy, & Robertson, J. Tanner. (2012). Experience + reflection = learning: Making meaning of an international food security fellows program. (Association for International Agricultural and Extension Education [AIAEE] 28th Annual Conference, May 21 – 24, Nakhon Pathom, Thailand..)

Brown, Nicholas R, Baker, Marshall A., Edwards, M. Craig, & Robinson, J. Shane. (2011). Becoming technologically FIT: Enabling pre-service teachers to become fluent with information technology as part of the teacher preparation experience. (2011 AAAE Western Region Conference, [online], April 20 – 23, Fresno, CA.) **Outstanding Poster Presentation, “Innovative Idea,” – First runner-up.**

Blackwell, Cindy. Edwards, M. Craig, Cartmell, D. Dwayne, II, & Sitton, Shelly, Robertson, J. Tanner. (2011). Internationalizing Agricultural Curriculum at Oklahoma State University (OSU). (Association for International Agricultural and Extension Education [AIAEE] Conference, July 4 – 7, Windhoek, Namibia.)

Maiga, Assoumane A., Sitton, Shelly, Edwards, M. Craig, Cartmell, D. Dwayne, II, & Blackwell, Cindy. (2011). Establishing a Fulbright students and scholars association (FSSA) at Oklahoma State University: A student-led initiative. (Association for International Agricultural and Extension Education [AIAEE] Conference, July 4 – 7, Windhoek, Namibia.)

Miller, Esther, Jagendorf-Sobierajski, Susan, Revilla Pacheco, Guadalupe Patricia, Njite, David, & Edwards, M. Craig. (2011). Using MOODLE to bridge the divide: Three countries, three languages, but a common aim. (Association for International Agricultural and Extension Education [AIAEE] Conference, July 4 – 7, Windhoek, Namibia.)

Blackburn, Joey, Baker, Marshall A., Robinson, J. Shane, Edwards, M. Craig, & Huhnke, Raymond. (2011). Development of an electronic clearinghouse of renewable energy curriculum for secondary agricultural education: A partnership of two departments. (2011 AAAE Southern Region Conference, [online], February 5 – 8, Corpus Christi, TX.)

Ramsey, J. W., Whisenhunt, J. H., Bunch, J. C., Edwards, M. C., & Robinson, J. S. (2010). Agricultural education “un-plugged”: Using wireless slates (WS) during student teaching in agricultural education. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Haynes, J. Chris, Whisenhunt, Jeffrey H., Bunch, J. C., Edwards, M. Craig, & Robinson, J. Shane. (2010). Implementing the integration of STEM curriculum in agricultural education: Implications for pre-service teacher education. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.). **Outstanding Poster Presentation, “Innovative Idea,” – Second runner-up.**
- Turner, Dayla, Bunch, James C., Edwards, M. Craig, & Ramsey, Jon W. (2010). How pre-service teachers are preparing to serve the deaf in AGED: Opting for American sign language (ASL) as a "foreign language" to meet teacher certification requirements in Oklahoma. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Bunch, James C., Haynes, J. Chris, Ramsey, Jon W., Edwards, M. Craig, & Robertson, J. Tanner. (2010). Making learning meaningful for the millennials: Podcasting with a purpose in agricultural education. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Bunch, James C., Whisenhunt, Jeffrey H., Edwards, M. Craig, Robinson, J. Shane, & Ramsey, Jon W. (2010). Using interactive whiteboards in the agricultural education classroom: How student teachers are using this technology—Potential implications for teacher educators. (2010 AAAE, National Agricultural Education Research Conference, May 24 – 27, Omaha, NE.)
- Kanté, Assa, Edwards, M. Craig, & Akeredolu, Mercy. (2010). Adopting technological innovations to assure quality in shea butter production: Developing instructional media for training shea butter producers in Mali. Proceedings of the 26th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.
- Moriba, Samba, & Edwards, M. Craig. (2010). After conflict ends: Providing technology and training for novice farmers - Sierra Leone's experience. Proceedings of the 26th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.
- Maiga, Assoumane A., & Edwards, M. Craig. (2010). Child trafficking in agriculture: The exploitation of children as workers in cocoa production in West Africa. Proceedings of the 26th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.
- Edwards, M. Craig, Henneberry, David M., Castilho, Amilai M., & Falcon, Mario. (accepted for presentation). Two continents, two universities, one vision: Collaborating to deliver a MSc programme in agriculture: The Mozambique -- Oklahoma connection. Proceedings of the 26th Annual Conference of the Association for International

**PUBLICATIONS AND PRESENTATIONS (continued)**

Agricultural and Extension Education (AIAEE), May 15 – 18, 2010, Saskatoon, Canada.

**Note: Poster was not be presented due to inability to travel to conference.**

- Bunch, James C., Haynes, J. Chris, Ramsey, Jon W., Edwards, M. Craig, & Robertson, J. Tanner. (2010). Making learning meaningful for the millennials: Podcasting with a purpose in agricultural education. (2010 AAAE Western Region Conference, April 21 – 23, Great Falls, MT.)
- Bunch, James C., Whisenhunt, Jeffrey H., Edwards, M. Craig, Robinson, J. Shane, & Ramsey, Jon W. (2010). Using interactive whiteboards in the agricultural education classroom: How student teachers are using this technology—Potential implications for teacher educators. (Southern Region Association for Agricultural Education (AAAE) Research Conference, (online), Feb. 6 – 9, Orlando, FL.)
- Blanton, Lee H., Robinson, J. Shane, Edwards, M. Craig, & Huhnke, Ray L. (2010). The need for alternative fuels and bioenergy in the 21st century: Implications for secondary agricultural education curriculum integration. Southern Region Association for Agricultural Education (AAAE) Research Conference, (online), Feb. 6 – 9, Orlando, FL.
- Kock, Timothy K., Edwards, M. Craig, Muasya, Reuben, Gohole, Linnet, Mugalavai, Violet, Othieno, Caleb, & Kitilit, Jackson. (2009). “The way forward”: Designing a BSc programme in agricultural extension education, Moi University, Eldoret, Kenya. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.
- Saisi, Patrick L., & Edwards, M. Craig. (2009). Managing conflicts in pastoralist communities of Northern Kenya. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.
- Sitton, Shelly, Edwards, M. Craig, Cartmell, D. Dwayne, II, Blackwell, Cindy, & Hynes, James W. (2009). Delivering a citizens' exchange program with a professional focus: Media specialists from the Republic of Mali, West Africa and faculty of Oklahoma State University (OSU), USA -- Triumphs, faux pas, and lessons learned. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico. **Outstanding Poster Presentation – Second Place.**
- Hynes, James W., Murphrey, Theresa P., & Edwards, M. Craig. (2009). A pictorial representation of the importance of equality in Malian education. Proceedings of the 25th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), May 24 – 28, 2009, San Juan, Puerto Rico.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Haynes, J. Chris, Krysher, Sheyenne, & Edwards, M. Craig. (2008). Summative assessment of student learning in secondary agricultural education: Test construction and the case for “continual improvement.” 2008 Proceedings of the National Agricultural Education Research Conference (NAERC). (2008 AAAE, National Agricultural Education Research Conference, May 21-23, 2008 release.)
- Kock, Tim K., & Edwards, M. Craig. (2008). Youth and community development in the Republic of Kyrgyzstan. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica. **Outstanding Poster Presentation.**
- Hynes, James W., Edwards, M. Craig, Cartmell, D. Dwayne, II, Sitton, Shelly, & Blackwell, Cindy. (2008). Strengthening Mali’s media sector: Business development training for media specialists. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.
- Moriba, Samba, & Edwards, M. Craig. (2008). Expanding the teaching of vocational agriculture in Sierra Leone schools: Important questions and observations. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.
- Saisi, Patrick L., & Edwards, M. Craig. (2008). Developing leadership capacity at the “grassroots” level to alleviate poverty in Kenya. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.
- Sitton, Shelly, Cartmell, D. Dwayne, II, Blackwell, Cindy, & Edwards, Craig. (2008). Agricultural, cultural and professional media development in the Republic of Mali, West Africa. Proceedings of the 24th Annual Conference of the Association for International Agricultural and Extension Education (AIAEE), March 11 – 14, 2008, San Jose, Costa Rica.
- Sitton, Shelly, Blackwell, Cindy, Cartmell, D. Dwayne, & Edwards, M. Craig. (2007). Educating journalists in an international venue: Republic of Mali, West Africa. 2007 NACTA Conference Poster Presentation Abstracts. NACTA Journal, 51(2), 115.
- Mitchell, Jon Derek, & Edwards, M. Craig. (2004). Does secondary agricultural education curriculum promote higher-order thinking skills? Proceedings of the 31st National Agricultural Education Research Conference. (National Agricultural Education Research Conference, CD-ROM, May 27, 2004 release, St. Louis, MO.)
- Mitchell, Jon Derek, & Edwards, M. Craig. (2004). Does secondary agricultural education curriculum promote higher-order thinking skills? 2004 Proceedings of the Western



**PUBLICATIONS AND PRESENTATIONS (continued)**

- Region Agricultural Education Research Conference. (2004 AAAE Western Region Agricultural Education Conference, CD-ROM, April 21-24, 2004 release, Honolulu, Hawaii.)
- Ramsey, Jon W., & Edwards, M. Craig. (2004). Motivational games: An interactive approach to improving student learning. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2004 AAAE Southern Region Conference, CD-ROM, February 15-16, 2004 release, Tulsa, OK.)
- Woodard, James R., Herren, Ray V., Hughes, Billy, & Edwards, M. Craig. (2003). Georgia's apprentice teacher technical workshops for aspiring agricultural education teachers. Proceedings of the National Agricultural Education Research Conference (NAERC). (2003 AAAE Conference, CD-ROM, December 10, 2003 release, Orlando, FL.)
- Ramsey, Jon W., & Edwards, M. Craig. (2003). Motivational games: An interactive approach to improving student learning. 2003 Proceedings of the Western Region Agricultural Education Research Conference. (2003 AAAE Western Region Agricultural Education Conference, CD-ROM, April 23-26, 2003 release, Portland, OR.)
- Woodard, James R., Herren, Ray V., Hughes, Billy, & Edwards, M. Craig. (2003). Georgia's apprentice teacher technical workshops for aspiring agricultural education teachers. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2003 AAAE Southern Region Conference, CD-ROM, February 2-4, 2003 release, Mobile, AL.)
- Flanders, Frank B., Flanders, Matthew J., & Edwards, M. Craig. (2002). Gettin' it all under one roof: A "one-stop shop" curriculum resource for secondary agricultural education. Proceedings of the National Agricultural Education Research Conference (NAERC). (2002 AAAE National Research Conference, CD-ROM, December 12, 2002 release, Las Vegas, NV.)
- Flanders, Frank B., Flanders, Matthew J., & Edwards, M. Craig. (2002). Gettin' it all under one roof: A "one-stop shop" curriculum resource for secondary agricultural education. Proceedings of the Southern Agricultural Education Research Conference (SAERC). (2002 AAAE Southern Region Conference, CD-ROM, February 2-4, 2002 release, Orlando, FL.)
- Ermis, Larry J., Dillingham, John M., & Edwards, M. Craig. (2001). E-record books for supervised agricultural experience programs: An information management tool for the 21<sup>st</sup> century. Proceedings of the 28th Annual National Agricultural Education Research Conference, New Orleans, LA. (National Agricultural Education Research Conference, CD-ROM, December 2001 release.)

**PUBLICATIONS AND PRESENTATIONS (continued)**

Ermis, Larry J., Dillingham, John M., & Edwards, M. Craig. (2001). E-record books for supervised agricultural experience programs: An information management tool for the 21st century. Proceedings of the 20th Annual Western Region Agricultural Education Research Conference, 241-242, Carmel, CA. **Outstanding Poster, First Runner-up, 2001.**

Ermis, Larry J., Dillingham, John M., & Edwards, M. Craig. (2001). E-record books for supervised agricultural experience programs: An information management tool for the 21st century. Journal of Southern Agricultural Education Research, 51(1), CD-ROM. **Outstanding Poster, First Runner-up, 2001.**

Smith, James H., Edwards, M. Craig, & Briers, Gary E. (1998). Student teachers integrate technology into the agriscience classroom with portable computers. Proceedings of the Seventeenth Annual Western Agricultural Education Research Meeting, XVII, 240-241, Salt Lake City, UT. **Outstanding Poster, Second Runner-up, 1998.**

**Reviewed Publications**

Ramsey, Jon W., Kelln, Chris, & Edwards, M. Craig. (2003, May-June). Sand dunes and dune buggies: A directed school laboratory SAE. The Agricultural Education Magazine, 75(6), 12-13.

Parr, Brian A., & Edwards, M. Craig. (2002, November-December). Curriculum integration in the volunteer state. The Agricultural Education Magazine, 75(3), 12-13.

Navarro, Maria, Marable, Blane, Byrd, Stacey, & Edwards, M. Craig. (2002, September-October). Students: Learning how to learn science. The Agricultural Education Magazine, 75(2), 18-19.

Bell, Sidney, Lowe, Roger, & Edwards, M. Craig. (2002, May-June). A capstone learning experience for students in the management of natural resources. The Agricultural Education Magazine, 74(6), 20-21.

Flanders, Frank B., Flanders, Matthew J., & Edwards, M. Craig. (2002, January-February). Getting it all under one roof: A "one-stop shop" curriculum resource. The Agricultural Education Magazine, 74(4), 10-11.

Edwards, M. Craig, & Booth, D. Paul. (2001, September-October). Ten rules of the road – Career development events. The Agricultural Education Magazine, 74(2), 24-25.

Edwards, M. Craig, Ermis, Larry, & Dillingham, John M. (2001, May-June). E-record books for supervised agricultural experience programs: Tools for the 21st century. The Agricultural Education Magazine, 73(6), 10-11.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig, Thuemmel, William L., & Kisieliene, Sonata. (2000, May-June). The revival of agrarian youth organizations in the former Soviet Union: Lithuania—One country's story. The Agricultural Education Magazine, 72(6), 16-19, 22.
- Edwards, M. Craig, & Briers, Gary E. (2000, March-April). Experience, efficacy, and teaching longevity—Why do early-career teachers leave the profession? The Agricultural Education Magazine, 72(5), 20-21, 27.
- Edwards, M. Craig, & Schumann, Herbert B. (1999, January-February). An “ag” teacher’s teacher educator: Mr. T.J. Honeycutt—A master’s plus 30 man. The Agricultural Education Magazine, 71(4), 22-23, 27.
- Edwards, M. Craig. (1998, September-October). May cannibals ask questions? The Agricultural Education Magazine, 71(2), 12-15.
- Edwards, M. Craig. (1998, March-April). Brian’s why. The Agricultural Education Magazine, 70(5), 16.
- Edwards, M. Craig, & Wunderlich, August. (1997, November-December). Transitions in Texas: Are we pushing or pulling the rope? The Agricultural Education Magazine, 70(3), 20-23.
- Edwards, M. Craig. (1995, September). Lone star SAE innovations. The Agricultural Education Magazine, 68(3), 14-16.
- Edwards, M. Craig. (1993, October). When is a rabbit a horse? The Agricultural Education Magazine, 66(4), 13-14.

**Invited Presentations**

- Edwards, M. Craig. (2012, April). The Purpose and Role of Career Development Events (CDEs) in Agricultural Education: The National FFA Poultry Evaluation CDE as an Example. Topics and Issues in Agricultural Education (AGED 2011), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2012, March). The Role of Curriculum Integration “Writ Large” in Agricultural Education: Using the 7-Element Contextual Teaching and Learning Method to Achieve It. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2012, January). Using the 7-Element, Contextual Teaching and Learning Method for Lesson Planning and Delivery in Agricultural Education. Methods

**PUBLICATIONS AND PRESENTATIONS (continued)**

and Skills of Teaching and Management in Agricultural Education (AGED 4103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2012, January). The Purpose and Role of Career Development Events (CDEs) in Agricultural Education: The National FFA Poultry Evaluation CDE as an Example. Laboratory Instruction in Agricultural Education (AGED 4113), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2011, September). Using the 7-Element, Contextual Teaching and Learning Method for Lesson Planning and Delivery in Agricultural Education. Methods and Skills of Teaching and Management in Agricultural Education (AGED 4103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2011, September). The Purpose and Role of Career Development Events (CDEs) in Agricultural Education: The National FFA Poultry Evaluation CDE as an Example. Laboratory Instruction in Agricultural Education (AGED 4113), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2011, August). Developing and Writing Measurable Instructional Objectives in Agricultural Education. Methods and Skills of Teaching and Management in Agricultural Education (AGED 4103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2011, March). The Role of Curriculum Integration “Writ Large” in Agricultural Education: Using the 7-Element Contextual Teaching and Learning Method to Achieve It. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2011, January). Lecture – Conceptualizing Theoretical Frameworks for Social Science Research. Research Methods in Agricultural Education (AGED 5983), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2010, November). Lecture – The Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

**PUBLICATIONS AND PRESENTATIONS (continued)**

Edwards, M. Craig. (2010, May). Lecture – Everett Rogers’ Diffusion of Innovations Theory: An Overview. Thai cohort class meeting.

Edwards, M. Craig. (2010, April). Lecture – The Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2010, February). The Role of Curriculum Integration “Writ Large” in Agricultural Education: Using the 7-Element Contextual Teaching and Learning Method to Achieve It. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2009, November). Lecture – The Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2009, September). Lecture – Using APA Style Correctly When Writing for Scholarly Publication in Agricultural Education. Developments in Agricultural and Extension Education (AGED 6100), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2009, April). Lecture – The Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2009, February). The Role of Curriculum Integration “Writ Large” in Agricultural Education: Using the 7-Element Contextual Teaching and Learning Method to Achieve It. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2009, January). “Industries that support Oklahoma Schools and Communities.” Panel Discussion, Winter Institute, K20 Center for Educational and Community Renewal, the University of Oklahoma, Norman, OK.

Edwards, M. Craig. (2008, November). Lecture – The Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig. (2008, September). An Author's Perspective: "Whence we came: The land-grant tradition—Origin, evolution, and implications for the 21st century" (manuscript co-authored with Dr. Ray V. Herren). History and Philosophical Foundations of Agricultural and Extension Education (AGED 6103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2008, September). Lecture – Using APA Style Correctly When Writing for Scholarly Publication in Agricultural Education. Developments in Agricultural and Extension Education (AGED 6100), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2008, September). Understanding Learning Styles and Multiple Intelligences in the Secondary Agricultural Education Program. Foundations and Philosophies of Teaching Agricultural Education (AGED 3103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2008, March). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2007, November). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2007, September). Understanding Learning Styles and Multiple Intelligences in the Secondary Agricultural Education Program. Foundations and Philosophies of Teaching Agricultural Education (AGED 3103), Department of Agricultural Education, Communications, and Leadership, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2007, March). Discussion – Constructivism in Agricultural Education: Where Dewey, Piaget, and Vygotsky Intersect. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2006, November). "Making Math Work". Panel Discussion, Invited Panelist, National Research Center for Career and Technical Education (NRCCTE), Association for Career and Technical Education (ACTE) conference, Atlanta, GA.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig. (2006, November). “Math-in-CTE”. Facilitator, Pre-Conference Professional Development Session, Association for Career and Technical Education (ACTE) conference, Atlanta, GA.
- Edwards, M. Craig. (2006, October). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2006, September). Lecture – Using APA Style Correctly When Writing for Scholarly Publication in Agricultural Education. Developments in Agricultural and Extension Education (AGED 6100), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2006, September). Membership in Professional Organizations in Agricultural Education: American Association for Agricultural Education (AAAE). Graduate Student Association (GSA), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2006, February). Discussion – Constructivism in Agricultural Education: Where Dewey, Piaget, and Vygotsky Intersect. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2006, January). “Enhancing Mathematics Instruction in Career and Technical Education”. Panel Discussion, Invited Panelist, National Dissemination Center for Career and Technical Education (NDCCTE) Webcast, Columbus, OH.
- Edwards, M. Craig. (2005, December). “Math-in-CTE: Bringing Research to Scale”. Trainer, Professional Development Training Session, Greater Lawrence Technical School, Andover, MA.
- Edwards, M. Craig. (2005, December). “Using Agricultural Mechanics as a Context to Improve the Mathematics Achievement of Secondary Students: Results of an Experimental Study in Oklahoma”. Presenter, Professional Development Workshop, National Association for Agricultural Education (NAAE) conference, Kansas City, MO.
- Edwards, M. Craig. (2005, December). “Math-in-CTE”. Facilitator, Pre-Conference Professional Development Session, Association for Career and Technical Education (ACTE) conference, Kansas City, MO.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig. (2005, October). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2005, October). “Math-in-CTE Study.” Panel Discussion Member, Colloquium sponsored by the National Research Center for Career and Technical Education (NRCCTE), University of Minnesota, Minneapolis.
- Edwards, M. Craig. (2005, October). Lecture – Using APA Style Correctly When Writing for Scholarly Publication in Agricultural Education. Developments in Agricultural and Extension Education (AGED 6100), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2005, August). Presentation - Selected Results of Oklahoma Math-in-CTE Project Pilot Study, January – May, 2004. Annual Conference of the Texas Agricultural Science and Technology Teachers, Breakout Session – “Using Your Ag Mechanics Program as a Public Relations Tool,” Galveston, TX.
- Edwards, M. Craig. (2005, April). Presentation - Results of Oklahoma Math-in-CTE Project Pilot Study, January – May, 2004. Division directors and selected staff members, Oklahoma Department of Career and Technology Education, Stillwater, OK.
- Edwards, M. Craig. (2005, February). Discussion – Constructivism in Agricultural Education: Where Dewey, Piaget, and Vygotsky Intersect. Advanced Teaching Methods in Agricultural Education (AGED 5823), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Edwards, M. Craig. (2005, February). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Parr, Brian A., Edwards, M. Craig, Bourne, Arnold, & Dufur, Cristy. (2005, February). Where Theory Met Practice: Using Agricultural Mechanics as a Context for Improving Student Mathematics Achievement (Integrating Math Using the 7 Element Model). Concurrent Breakout Session, National Agricultural Education In-service, National FFA Organization, Indianapolis, IN.
- Edwards, M. Craig. (2004, October). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713),



**PUBLICATIONS AND PRESENTATIONS (continued)**

Department of Agricultural Education, Communications, and 4-H Youth Development,  
College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2004, October). Lecture - Developing a Review of Literature and Related Synthesis for Publication. Developments in Agricultural and Extension Education (AGED 6100), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2004, September). An Author's Perspective: "Whence we came: The land-grant tradition—Origin, evolution, and implications for the 21st century" (manuscript co-authored with Dr. Ray V. Herren). History and Philosophical Foundations of Agricultural and Extension Education (AGED 6103), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2003, October). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2003, October). Panel Discussion Member – Effect of Demographics on the Future of Higher Education. Educational Futures Course (OCED 6354), Department of Occupational Education, College of Education, Oklahoma State University.

Edwards, M. Craig. (2002, November). Lecture – Eastern Europe and the Baltic States. International Programs in Agricultural Education and Extension (AGED 4713), Department of Agricultural Education, Communications, and 4-H Youth Development, College of Agricultural Sciences and Natural Resources, Oklahoma State University.

Edwards, M. Craig. (2002, October). Panel Discussion – Agriculture and Agricultural Education in Lithuania. International Programs in Agricultural Education and Extension, Department of Agricultural Education, Communications, and 4-H Youth Development, Oklahoma State University.

Edwards, M. Craig. (2002, May). Planning for Contextualized Teaching and Learning. Apprentice Teachers' Closing Seminar, Department of Agricultural Leadership, Education and Communication, The University of Georgia, Athens, Georgia.

Edwards, M. Craig. (2002, January). Experiencing Agriscience in the 21st Century: SAEs that Emphasize Science and Technology. Georgia Vocational Agriculture Teachers Association (GVATA), Mid-Winter Leadership Conference, Georgia FFA-FCCLA Camp, Covington, GA.

**PUBLICATIONS AND PRESENTATIONS (continued)**

- Edwards, M. Craig. (2000, June). Youth leadership development through agricultural education in the USA: The FFA organization. Lithuanian Young Farmers' Circles Union 4<sup>th</sup> Annual Congress, Daugai, Lithuania.
- Edwards, M. Craig. (2000, June). Congratulatory remarks and greetings from the USA. Lithuanian Young Farmers' Circles Union 4th Annual Congress, Daugai, Lithuania.
- Edwards, M. Craig. (1999, November). Congratulatory remarks and greetings from the USA. Lithuanian Young Farmers' Circles Union 70th Anniversary Conference, Kaunas, Lithuania.
- Edwards, M. Craig. (1998, July). New and returning agricultural science and technology teachers' workshop. Texas Agricultural Science and Technology Teachers' Professional Improvement Conference, Wichita Falls, TX.
- Edwards, M. Craig. (1997, July). Innovative supervised agricultural experience programs (SAEPs). Texas Agricultural Science and Technology Teachers' Professional Improvement Conference, Corpus Christi, TX.
- Edwards, M. Craig. (1996, June). An overview of agricultural machinery and implement dealerships in the United States. Agricultural Engineering and Mechanization Faculty, Stavropol State Agricultural Academy, Stavropol Region, Russian Federation.
- Frazier, David, & Edwards, M. Craig. (1996, June). Agricultural marketing principles, strategies, and practices. Agricultural Economic Students, Stavropol State Agricultural Academy, Stavropol Region, Russian Federation.
- Edwards, M. Craig. (1991, August). Using the Texas tri-star and golden horizon chapter award applications as planning tools for improving your chapter's program of activities. Texas Agricultural Science and Technology Teachers' Professional Improvement Conference, Amarillo, TX.
- Edwards, M. Craig. (1990, October) Using parliamentary procedure to conduct efficient and effective youth organization meetings. Vocational Industrial Clubs of America, District Leadership Conference, San Angelo, TX.
- Edwards, M. Craig. (1988, August). Training FFA chapter conducting teams. Texas Agricultural Science and Technology Teachers' Professional Improvement Conference, Ft. Worth, TX.
- Edwards, M. Craig. (1988, June). Evaluating and placing cartoned shell eggs. Texas A&M University Department of Poultry Science, Poultry Judging and Evaluation Workshop, College Station.

**PUBLICATIONS AND PRESENTATIONS (continued)****Curriculum Publications and Materials Developed, Co-developed, Reviewed, and/or Edited**

Poultry Science Manual for National FFA Career Development Events. (2006). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Parliamentary Guide for FFA, Revised Edition (Jarrell D. Gray). (2005). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Poultry Science Manual for National FFA Career Development Events. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Identifying Chicken Carcass Parts (slide set with script). (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Livestock Evaluation Handbook. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Meat Evaluation Handbook. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

TAAS Math Problems Teacher's Guide. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Selecting Beef Cattle. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Animal Growth and Development. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Selecting Dairy Cattle. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Anatomy and Physiology of Animals. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Selecting Swine. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Methods of Animal Breeding. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Selecting Horses. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

**PUBLICATIONS AND PRESENTATIONS (continued)**

The Importance of the Food Science Industry. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Breeds of Horses. (2001). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

Record Book for the Supervised Agricultural Experience Program in Agricultural Science & Technology. (2000). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

A Model for Documenting Curricula Integration for Courses in Agricultural Science and Technology and Biology. (2000). Instructional Materials Service, Department of Agricultural Education, Texas A&M University, College Station.

**Reports**

Review of proposed curriculum for secondary-level agricultural education in North Carolina: Animal science I/II and equine science. (1998). (External reviewer.)

Briers, Gary E., Edney, Kirk, Edwards, M. Craig, & Shinn, Glen C. (1997, May). Round Rock Independent School District Career and Technology Program Evaluation: Agricultural Science and Technology Programs: McNeil High School, Round Rock High School, and Westwood High School. Round Rock, TX. (External reviewer.)

**UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE**

Report Preparer (Primary). National Council for Accreditation of Teacher Education (NCATE) & Oklahoma Commission for Teacher Preparation (OCTP) reports for Agricultural Education, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2012.

Member, Interview Committee, Fulbright U.S. Student Program, 2013-2014, Oklahoma State University, 2012.

Proposal Reviewer, OAES "Hatch" Proposal, Dr. Daniel Tilley, Oklahoma State University, September 2011.

Graduate Coordinator, Department of Agricultural Education, Communications & Leadership, Oklahoma State University, 2011-present.

Member, Interview Committee, Fulbright U.S. Student Program, 2012-2013, Oklahoma State University, 2011.

Chair, Reappointment, Promotion, and Tenure Committee, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2010-2011.

Member, Reappointment, Promotion, and Tenure Committee, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2010-2011.

**UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE (continued)**

- Member, Interview Committee, Fulbright U.S. Student Program, 2011-2012, Oklahoma State University, 2010.
- Member, Reappointment, Promotion, and Tenure Committee, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2009-2010.
- Member, Search and Screen Committee, Department Head, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2009-2010.
- Chair, Reappointment, Promotion, and Tenure Committee, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2008-2009.
- Member, Executive Committee, Creativity & Innovation Institute, Oklahoma State University, 2008-2009.
- Member, Oklahoma State University, College of Education, Professional Education Unit, Executive Committee, 2008-2010.
- Member, Creativity, Innovation, & Community Service Steering Committee, Oklahoma State University, 2008.
- Judge, Graduate Student and Professional Student Association (GSPSA), Research Symposium, Oklahoma State University, Stillwater, February 2008.
- Member, Search and Screen Committee, Department Head, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2007-2008.
- Member, Search and Screen Committee, Assistant Professor of Agricultural Communications, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2007.
- Judge, Graduate Student and Professional Student Association (GSPSA), Research Symposium, Oklahoma State University, Stillwater, February 2007.
- Chair, Search and Screen Committee, Assistant Professor of Agricultural Education, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2006-2007.
- Chair, Reappointment, Promotion, and Tenure Review Committee for Dr. D. Dwayne Cartmell, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2006-2007.
- Member, Oklahoma State University, College of Education, Professional Education Council, 2006-2010.
- Member, Graduate Admissions Committee, Department of Agricultural Education, Communications and Leadership, Oklahoma State University, 2006-present.
- Member, Graduate Faculty, Oklahoma State University, 2006-present.
- Member, Interview Committee, Fulbright U.S. Student Program, 2007-2008, Oklahoma State University, 2006.
- Member, Williams Outstanding Thesis Award Selection Committee, 2006.
- Chair, Teaching Effectiveness Committee, College of Agricultural Sciences and Natural Resources, Oklahoma State University, 2008-2009, 2005-2006.
- Member, Teaching Effectiveness Committee, College of Agricultural Sciences and Natural Resources, Oklahoma State University, 2005-present.
- Member, School of International Studies, Oklahoma State University, 2005-present.

**UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE (continued)**

- Chair, Promotion Review Committee for Dr. Shelly Sitton, Department of Agricultural Education, Communications, and 4-H Youth Development, Oklahoma State University, 2004-2005.
- Member, Search and Screen Committee, Assistant Professor of Agricultural Education, Department of Agricultural Education, Communications, and 4-H Youth Development, Oklahoma State University, 2003-2004.
- Member, Strategic Planning Committee, Department of Agricultural Education, Communications, and 4-H Youth Development, Oklahoma State University, 2003-2004.
- Member, Promotion Review Committee, Department of Agricultural Education, Communications, and Leadership, Oklahoma State University, 2003-present.
- Member, Oklahoma State University, College of Education, Professional Education Unit, Executive Committee, 2003-2005.
- Chair, Oklahoma State University, College of Education, Field Experiences Committee, 2003-2005.
- Associate Member, Graduate Faculty, Oklahoma State University, 2002-2005.
- Chair, Agricultural Education Work Group, Department of Agricultural Education, Communications, and 4-H Youth Development, Oklahoma State University, 2002-present.
- Member, College of Agricultural and Environmental Sciences, Agro-Security Task Force, University of Georgia, 2001-2002.
- Member, College of Agricultural and Environmental Sciences, Information Technology Forum, University of Georgia, 2001-2002.
- Member, College of Agricultural and Environmental Sciences Information Technology Forum – Distance Education Sub-committee, University of Georgia, 2001-2002.
- Member, Strategic Planning Committee, Department of Agricultural Leadership, Education and Communication, University of Georgia, 2001-2002.
- Member, Instructional Materials Service (Curriculum Development), Department of Agricultural Education, Texas A&M University, 1999-2001.
- Member, International Agricultural Development Work Group, Department of Agricultural Education, Texas A&M University, 1999-2001.
- Coordinator, Registration, Computer Scoring and Tabulation for the Texas FFA Association State Poultry Evaluation Career Development Event, 1998 and 1999.
- Coordinator, Registration, Computer Scoring and Tabulation for the Texas FFA Association Area III & VII Poultry Evaluation Career Development Event, 1998 and 1999.
- Assistant, Registration, Computer Scoring and Tabulation for the Houston Livestock Show & Rodeo 4-H and FFA Dairy Judging Contest, 1997, 1998, and 1999.
- Coordinator, Texas A&M University, Department of Agricultural Education, Cooperating Agricultural Science and Technology Teacher Workshop, 1998.
- Member, Council on Teacher Education, College of Education, Texas A&M University, 1997-1998.
- Assistant, Registration, Computer Scoring and Tabulation for the Houston Livestock Show & Rodeo 4-H and FFA Livestock Judging Contest, 1997 and 1998.
- Recruiter, Texas A&M University, College of Agriculture and Life Sciences Information Booth, 1997 Texas State FFA Convention, Amarillo, TX.

**UNIVERSITY, COLLEGE, AND DEPARTMENTAL SERVICE (continued)**

- Assistant, Computer Scoring and Tabulation for the Texas FFA Association State Career Development Events, 1997.
- Assistant, Computer Scoring and Tabulation for the Area III & VII, Texas FFA Association Career Development Events, 1997.
- Member, Texas A&M University, Department of Agricultural Education, Vice-Herring Position Search Committee, 1997.

**SERVICE TO THE PROFESSION (Includes consulting)**

- Referee, Poster Abstract Proposals, Association for International Agricultural and Extension Education (AIAEE) Conference, Ft. Worth, TX, USA, 2013.
- Referee, Paper Abstract Proposals, Association for International Agricultural and Extension Education (AIAEE) Conference, Ft. Worth, TX, USA, 2013.
- Invited presenter, "I want to teach Ag day," College of Agricultural Sciences & Natural Resources, Oklahoma State University, Stillwater, 2012.
- Paper Referee, National Agricultural Education Research Conference (NAERC), Asheville, NC, 2012.
- Judge, Outstanding Research Poster Presentation, Southern Agricultural Education Research Conference (SAERC), Birmingham, AL, February 2012.
- Referee, Paper Presentation Proposal, Association for International Agricultural and Extension Education (AIAEE) Conference, Bangkok, Thailand, 2012.
- Member, Poster Session Committee, Professional Fellows Conference, U.S. Department of State, Bureau of Educational and Cultural Affairs, Washington, DC, October 2011.
- Invited Member, Fulbright Student Scholarship Program, 2012-2013, National Screening Committee, Eastern Europe, 2011.
- Chair, Officer Elections Committee, Association for International Agricultural & Extension Education, 2011.
- Paper Referee, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Fresno, CA, 2011.
- Invited Member, Fulbright Graduate Student Scholarship Program, 2011-2012, National Screening Committee, Eastern Europe, 2010.
- Advisory Committee Member, Science-in-CTE, National Research Center for Career and Technical Education, University of Louisville, 2010. (Consulting.)
- Poster Proposal Referee, Association for International Agricultural and Extension Education (AIAEE) Conference, Windhoek, Namibia, 2011.
- Invited Member, Oklahoma Commission for Teacher Preparation, Agricultural Education Content Advisory Committee, Oklahoma Subject Area Tests, 2010.
- Member, Advisory Committee, Instructional Materials Service (IMS), Texas A&M University, College Station, 2010.
- Paper Referee, National Agricultural Education Research Conference (NAERC), Omaha, NE, 2010.
- Past-president, Agricultural Education Division, Southern Association of Agricultural Scientists (SAAS), 2010 – 2011.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Advisory Committee Member, Science-in-CTE, National Research Center for Career and Technical Education, University of Louisville, 2010. (Consulting.)
- Invited presenter, "I want to teach Ag day," College of Agricultural Sciences & Natural Resources, Oklahoma State University, Stillwater, 2010.
- Paper Referee, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Great Falls, MT, 2010.
- Invited Member, Fulbright Undergraduate and Graduate Student Scholarship Program, 2010-2011, National Screening Committee, Eastern Europe 1, 2009.
- Poster Proposal Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Saskatoon, Canada, 2010.
- Poster Proposal Referee, National Agricultural Education Research Conference (NAERC), Louisville, KY, 2009.
- Paper Referee, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Lake Tahoe, NV, 2009.
- Grant Proposal Reviewer, National Research Center for Career and Technical Education, University of Louisville, 2009. (Consulting.)
- President, Agricultural Education Division, Southern Association of Agricultural Scientists (SAAS), 2009 – 2010.
- Co-chair, Judging of Outstanding Paper Presentations, Southern Region of the American Association for Agricultural Education Research Conference (SR-AAAE), Atlanta, GA, 2009.
- Judge, Outstanding Paper Presentation, Southern Region of the American Association for Agricultural Education Research Conference (SR-AAAE), Atlanta, GA, 2009.
- Chair, Concurrent Research Presentation, Southern Region of the American Association for Agricultural Education Research Conference (SR-AAAE), Atlanta, GA, 2009.
- Poster Proposal Referee, AAEE-Southern Agricultural Education Research Conference (SAERC), Atlanta, GA, February 2009.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, San Juan, Puerto Rico, 2009.
- Co-chair, Editorial Board, Career and Technical Education Research (CTER), 2009-2010.
- Reviewer, The Journal of Agricultural & Extension Education, 2008-present.
- Volunteer, ACDI/VOCA, Curriculum development for a BSc Programme in Extension Education, Department of Agriculture and Biotechnology, Moi University, Eldoret, Kenya, July-August 2008.
- Paper Referee, Association for Career and Technical Education Research (ACTER), Atlanta, GA, December 2008.
- Chair, Concurrent Research Session, American Association for Agricultural Education (AAAE), National Agricultural Education Research Conference (NAERC), Reno, NV, May 2008.
- Discussant, Association of International Agricultural and Extension Education (AIAEE) Conference, EARTH University, Costa Rica, March 2008.
- Vice-President, Agricultural Education Division, Southern Association of Agricultural Scientists (SAAS), 2008 – 2009.



**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Paper Referee, National Agricultural Education Research Conference (NAERC), Reno, NV, 2008.
- Judge, Oklahoma FFA Interscholastics, *Agricultural Issues* Career Development Event, 2008, 2009, 2010, & 2011.
- Member, Editorial Board, Career and Technical Education Research (CTER), 2008-2010.
- Lead Facilitator, Kentucky Technical Assistance for Math-in-CTE Initiative (Business & Welding), Teacher and State Staff Professional Development, National Research Center for Career and Technical Education, University of Minnesota, 2007-2008. (Consulting.)
- Discussant, Association of International Agricultural and Extension Education (AIAEE) Conference, Polson, Montana, USA, May 2007.
- Judge, Outstanding Poster Presentation, Association of International Agricultural and Extension Education (AIAEE) Conference, Polson, MT, USA, May 2007.
- White Paper Reviewer, National Council for Agricultural Education, Topic: "Role of the Teacher Educator in Recruiting and Preparing Teachers of Agriculture," 2007. (Consulting.)
- Secretary, Agricultural Education Division, Southern Association of Agricultural Scientists (SAAS), 2007 – 2008.
- Reviewer, National Curriculum Standards, Preliminary Review, Center for Agriculture and Environmental Research, Inc. (Consulting.)
- Proposal Reviewer, Mathematica Policy Research, Inc. (Contracted by the Institute of Education Sciences [IES]), U.S. Department of Education.) Reviewer of Academically-focused Career and Technical Education Curriculum Proposal (mathematics in agriscience). (Consulting.)
- Chair, Concurrent Research Presentation, Southern Region of the American Association for Agricultural Education Research Conference (SR-AAAE), Mobile, AL, 2007.
- Paper Referee, National Agricultural Education Research Conference (NAERC), Minneapolis, MN, 2007.
- Carousel Proposal Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Polson, Montana, USA, 2007.
- Poster Proposal Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Polson, Montana, USA, 2007.
- Lead Facilitator, Kentucky Technical Assistance for Math-in-CTE Initiative (Health Sciences & Automotive Technology), Teacher and State Staff Professional Development, National Research Center for Career and Technical Education, University of Minnesota, 2006-2007. (Consulting.)
- Interviewer, Math-in-CTE, "Sustaining the Impact" Research Study, Oklahoma Replication, National Research Center for Career and Technical Education, University of Minnesota, Summer 2006. (Consulting.)
- Paper Referee, 60th Annual North-Central States Agricultural Education Research Conference, 2006.
- Participant, Oklahoma Department of Career and Technology Education, Agricultural Education Division, Curriculum Standards Work Group, June 2006.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Participant, Oklahoma Department of Career and Technology Education, Agricultural Education Division, Strategic Planning Committee, May 2006.
- Judge, Outstanding Paper Presentation, Association of International Agricultural and Extension Education (AIAEE) Conference, Clearwater, Florida, USA, May 2006.
- Judge, Outstanding Journal Article, Journal of Agricultural Education (JAE), 46(1-4), 2005.
- Chair, Concurrent Research Presentation, Southern Region of the American Association for Agricultural Education Research Conference (SR-AAAE), Orlando, FL, 2006.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Clearwater, FL, 2006.
- Judge, Oklahoma Farmers' Union Speech Contest, State Finals, Senior Division, Agricultural Policy Category, 2005.
- Poster Referee, 59th Annual North-Central States Agricultural Education Research Conference, 2005.
- Paper Referee, 59th Annual North-Central States Agricultural Education Research Conference, 2005.
- Judge, Outstanding Paper Presentation, Association of International Agricultural and Extension Education (AIAEE) Conference, San Antonio, Texas, May 2005.
- Western Region Representative, Editorial Review Board, Journal of Agricultural Education, 2005-2007.
- Chair, Concurrent Research Presentation, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Prescott, AZ, 2005.
- Judge, Outstanding Paper Presentation, Southern Agricultural Education Research Conference (SAERC), Little Rock, AR, February 2005.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Research Conference, San Antonio, TX, 2005.
- Judge, Oklahoma Farmers' Union Speech Contest, State Finals, Intermediate Division, Conservation Districts Category, 2004.
- Reviewer, Journal of Southern Agricultural Education Research (JSAER), 2004 and 2005.
- Discussant, Association of International Agricultural and Extension Education (AIAEE) Conference, Dublin, Ireland, May 2004.
- Judge, Outstanding Paper Presentation, Association of International Agricultural and Extension Education (AIAEE) Conference, Dublin, Ireland, May 2004.
- Reviewer, Journal of Agricultural Education (JAE), 2004-present.
- Co-coordinator, Oklahoma FFA Poultry Evaluation Career Development Event Committee, 2004.
- Paper Referee, National Agricultural Education Research Conference (NAERC), St. Louis, MO, 2004.
- AAAE Representative, Council for Agricultural Science and Technology (CAST), 2004-2005.
- Chair, Science Education Committee, Council for Agricultural Science and Technology (CAST), 2004-2005.
- Vice Chair, Science Education Committee, Council for Agricultural Science and Technology (CAST), 2004.
- Member, Food Science and Technology Work Group, Council for Agricultural Science and Technology (CAST), 2004-2005.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Judge, Outstanding Paper Presentation, Southern Region - American Association for Agricultural Education (AAAE), Southern Agricultural Education Research Conference (SAERC), Tulsa, OK, 2004.
- Discussant, Southern Agricultural Education Research Conference (SAERC), Tulsa, OK, 2004.
- Member (elected), Southern Region - American Association for Agricultural Education (AAAE) Research Committee, 2004-2006.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Research Conference, Dublin, Ireland, 2004.
- Consultant, National Research Center for Career and Technical Education (NRCCTE), 2003-present.
- Member, Editorial Board, Journal of International Agricultural and Extension Education (JIAEE), 2003-2007.
- Associate Editor (Book Reviews), Journal of International Agricultural and Extension Education (JIAEE), 2003-2007.
- Reviewer, Journal of International Agricultural and Extension Education (JIAEE), 2003-present.
- Paper Referee, Southern Agricultural Education Research Conference (SAERC), Tulsa, OK, 2003.
- Discussant, Association of International Agricultural and Extension Education (AIAEE) Conference, Raleigh, NC, 2003.
- Recorder, Oklahoma City State Livestock Show, Steer Weigh-in Committee, 2003.
- Judge, Northwest District, Oklahoma, State Star Candidate Selection – Agribusiness and Placement categories, 2003.
- Discussant, National Agricultural Education Research Conference (NAERC), Las Vegas, NV, 2002.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Research Conference, Raleigh, NC, 2003.
- Member, National Agricultural Education Research Work Group, 2003-2005.
- Questions Writer (Professional Education), 2002 National Collegiate Agricultural Education/ATA Quiz Bowl, Louisville, KY.
- Paper Referee, National Agricultural Education Research Conference (NAERC), Las Vegas, NV, 2002.
- Recorder, Tulsa State Fair, Steer Weigh-in Committee, 2002.
- Member, Georgia FFA Association National Officer Candidate Selection Committee, 2002.
- Judge, Georgia FFA State Extemporaneous Public Speaking Career Development Event, 2002.
- Judge, Georgia FFA State Parliamentary Procedure Career Development Event, 2002.
- Paper Referee, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Spokane, WA, 2002.
- Concurrent Session Facilitator, Southern Region of the American Association for Agricultural Education Research Conference (SRAAAERC), Orlando, FL, 2002.
- Paper Referee, 56th Annual Central States Agricultural Education Research Conference, 2002.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Durban, South Africa, 2002.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Carousel Proposal Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Durban, South Africa, 2002.
- Judge, Outstanding Paper Presentation, American Association for Agricultural Education (AAAE), National Agricultural Education Research Conference (NAERC), New Orleans, LA, 2001.
- Panelist, Preparation Interviews for National FFA Organization Proficiency Award National Finalists – Georgia Candidates, 2001.
- Judge, FFA Creed Speaking Contest, 2001 Southeastern Agricultural Education Leadership Conference, University of Georgia.
- Member, Task Force to Identify Entry-level Competencies of Georgia Agricultural Education Teachers, 2001-2002.
- Facilitator, Georgia Agricultural Education Team Meeting – The Middle School Agricultural Education Program: Identification of Important and Desirable Elements (Descriptors), 2001.
- Paper Referee, National Agricultural Education Research Conference (NAERC), New Orleans, LA, 2001.
- Judge, Outstanding Paper Presentation, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Carmel, CA, 2001.
- Concurrent Session Facilitator, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Carmel, CA, 2001.
- Concurrent Session Chair, Association of International Agricultural and Extension Education (AIAEE) Conference, Baton Rouge, LA, 2001.
- Discussant, Association of International Agricultural and Extension Education (AIAEE) Conference, Baton Rouge, LA, 2001.
- Judge, Science Fair, Navasota High School, Navasota, Texas, 2001.
- Paper Referee, Western Region of the American Association for Agricultural Education Research Conference (WRAAAERC), Carmel, CA, 2001.
- Paper Referee, Association of International Agricultural and Extension Education (AIAEE) Conference, Baton Rouge, LA, 2001.
- Paper Referee, Southern Agricultural Education Research Conference (SAERC), Ft. Worth, TX, 2001.
- Superintendent, National FFA Poultry Evaluation Career Development Event Committee, 2000-2005.
- Member, National FFA Awards and Career Development Event Advisory Committee, 2000-2005.
- Advisory Committee Member, Agricultural Science and Technology Facility Standards, Texas A&M University, College Station, TX, 2000-2001.
- Judge, Area III Texas FFA Association Senior Chapter Conducting Leadership Development Event, 2000.
- Coordinator, Scoring and Tabulation for the San Antonio Livestock Exposition Poultry Judging Career Development Event, 1999 and 2000.
- Inservice Provider, American Professional Partnership for Lithuanian Education (APPLE), Agricultural Education Inservice Strand, 1998 and 1999.
- Author, Area II Texas FFA Association Officer Candidate Knowledge Examination, 1999.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

- Member, National FFA Poultry Evaluation Career Development Event Committee (event examination co-writer/co-editor and computer scoring liaison), 1998-present.
- Judge, Area V Texas FFA Association Senior Chapter Conducting Leadership Development Event, 1998.
- Judge, District FFA Associations Leadership Development Events - Various Contests/Events, 1978, 1979, 1980, 1981, 1985, 1986, 1987, 1988, 1990, 1991, 1997, and 1998.
- Author, Parliamentary Problems and Questions, District II, Area III, Texas FFA Association Senior Chapter Conducting Leadership Development Event, 1998.
- Author, Parliamentary Problems and Questions, District V, Area V, Texas FFA Association Junior and Senior Chapter Conducting Leadership Development Events, 1998.
- Chair, Texas Agricultural Science and Technology Teachers' Professional Improvement Conference – Leadership Development Events Workshop, 1998.
- Presenter, Texas Agricultural Science and Technology Teachers' Professional Improvement Conference – New and Returning Teacher Workshop, 1998.
- Chair, Texas FFA Association Star Lone Star Agribusiness Degree Selection Committee, 1998.
- Co-developer, Texas FFA Association State Officer Nominee Knowledge Examination, 1998.
- Co-developer, Mentor Contact List for New and Returning Texas Agricultural Science and Technology Teachers, 1998.
- Developer, Leadership Development Events Mentor Contact List for New and Returning Texas Agricultural Science and Technology Teachers, 1998.
- Member, New and Returning Teacher Distance Education Inservice Initiative, Inter-Institutional Collaborative Work Group, 1998.
- Author, Parliamentary Problems and Questions, Area VIII, Texas FFA Association Junior and Senior Chapter Conducting Leadership Development Events, 1997.
- Member, National FFA Poultry Evaluation Career Development Event Committee (computer scoring liaison), 1997.
- Judge, Vocational Industrial Clubs of America Area Chapter Business Meeting Contest, 1997.
- Judge, Area III Texas FFA Association FFA Quiz Leadership Development Event, 1996 and 1997.
- Representative, United States Agency for International Development, Land O' Lakes International, National FFA "Farmer to Farmer" Program – Russian Federation, 1996.
- Judge, District II FFA Association Prepared Public Speaking Career Development Event, 1996.
- Coordinator, Area III Invitational Poultry Career Development Event Judging Contest, 1993, 1994, 1995, and 1996.
- Member, Area FFA Association Advanced Degree and Award Committees, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1991, 1992, 1993, 1994, 1995, and 1996.
- Member, District FFA Association Advanced Degree and Award Committees, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1991, 1992, 1993, 1994, 1995, and 1996.
- Chair, Area III FFA Association Leadership Development Events Judge Selection and Procurement Committee, 1995.
- Judge, Weimar Invitational Poultry Career Development Event Judging Contest, 1995.
- Judge, National FFA Parliamentary Law Career Development Event, 1993.

**SERVICE TO THE PROFESSION (Includes consulting) (continued)**

Judge, FHA/HERO State Star Event – Parliamentary Procedure, 1993.  
Member, Texas FFA Association State Scholarship Selection Committee, 1986 and 1992.  
Member, Texas FFA Association Membership Development Focus Group, 1992.  
Coordinator, Double Mountain District FFA Association Degree and Award Check, 1992.  
Member, Texas FFA Area II Association Scholarship Selection Committee, 1991.  
Member, Texas FFA Association Tri-Star and Golden Horizon Chapter Award Recognition Work Group, 1991.  
Judge, Area II Texas FFA Association Senior Chapter Conducting Leadership Contest, 1990.  
Co-judge, Texas FFA Association State Poultry Judging Contest, 1990.  
Co-judge, Texas FFA Association Area III & VII Poultry Judging Contest, 1990.  
Co-judge, South Texas Invitational Poultry Judging Contest, 1990.  
Co-judge, Texas FFA Association Area IX Poultry Judging Contest, 1979, 1980, 1981, 1982, and 1990.  
Co-coordinator and Co-host, District II FFA Association Leadership Contests, 1982, 1983, 1984, 1985, 1986, 1987, 1988, and 1989.  
Coordinator and Host, Farm Business Management Contest Preparation Workshop, 1988.  
Judge, Area III Texas FFA Association Senior Farm Skills Leadership Contest, 1988.  
Judge, Texas FFA Association State Proficiency Award Selection Committee, 1988.  
Co-judge, South Texas State Fair Livestock Judging Contest, 1987 and 1988.  
Co-coordinator, Judging Card Packet Preparation, Registration, Scoring and Tabulation for the District II & V FFA Association Livestock Judging Contest, 1986, 1987, and 1988.  
Co-coordinator, Judging Card Packet Preparation, Registration, Scoring and Tabulation for the Houston-Harris County Fair Livestock Judging Contest, 1986 and 1987.  
Member, Texas FFA Association State Judging Contests Committee (Teachers), 1986-1987.  
Vice-President, District II FFA Association (Teachers), 1985-1986.  
Member, Vocational Agriculture Teachers' Association of Texas, Membership Registration Committee, 1985 and 1986.  
Judge, Area VII Texas FFA Association Senior Farm Skills Leadership Contest, 1983.  
Judge, Area VIII Texas FFA Association Junior Chapter Conducting Leadership Contest, 1981.  
Judge, Area III Texas FFA Association Junior Chapter Conducting Leadership Contest, 1980.  
Judge, Area IX Texas FFA Association Junior Chapter Conducting Leadership Contest, 1980.

**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012**

Seminar, "Conducting a Study Abroad in a Country with a U.S. State Department Travel Warning: Kenya," Dr. Stephen Wilson, presenter, Institute for Teaching & Learning Excellence (ITLE) & Human Sciences, Oklahoma State University, Stillwater, October 2012.  
Seminar, "College.Net," Graduate College, Oklahoma State University, Stillwater, October 2012.  
"Oklahoma State University – Ethiopia: The Point Four Program," Mel Tewahade, documentarian/film producer, International Studies & Outreach, Oklahoma State University, January 2012.

**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012 (continued)**

- Seminar, "The Development and Prevention of Serious Antisocial Behavior," Dr. Kenneth Dodge, presenter, December, 2011.
- Seminar, "Long-term Orientation in Entrepreneurial and Family Firms," Dr. Tom Lumpkin, Syracuse University, presenter, Riata Distinguished Lecture, Spears School of Business, Oklahoma State University, November 2011.
- Seminar, "Uplifting the Poorest of the Poor: My Journey with Entrepreneurship and Technology," Luvuyo Rani, presenter, School of Entrepreneurship/Institute for Creativity and Innovation, Spears School of Business, Oklahoma State University, Stillwater, November 2011.
- Professional Fellows Conference, U.S. Department of State, Bureau of Educational and Cultural Affairs, Washington, DC, May 2011.
- Webinar, "Universities in International Development: Current Roles and Future Potentials," National Institute for Food and Agriculture (NIFA), Washington DC, February 2011.
- Oklahoma EPSCoR annual meeting, Oklahoma State University, December 2010.
- "Building Conceptual and Theoretical Frameworks That Inform Research" Symposium, Dr. Neil Knobloch, presenter, Association for Career and Technical Education (ACTER), Las Vegas, NV, December 2010.
- Facilities tour, degree program discussion, and collaboration brainstorming session. University of Arkansas, Department of Agricultural & Extension Education, Fayetteville, November 2010.
- K20 Center, *Update on instructional technologies & grantseeking discussion*. University of Oklahoma, Norman, December 2010.
- American Association for Agricultural Education, Extension SIG's *ad-hoc* joint conference exploration committee, 2010-present.
- American Association for Agricultural Education conference, Tour of *Boys Town*, Omaha, NE, May 2010.
- American Association for Agricultural Education, Western Region conference, Select industry tours, Great Falls, MT, April 2010.
- 18th Annual Wes Watkins Distinguished Lectureship, World Food Prize winner, Dr. Gebisa Ejeta, presenter. School of International Studies, Oklahoma State University, Stillwater, February 2010.
- Striga Research Seminar, Dr. Gebisa Ejeta, presenter, DASNR, Oklahoma State University, Stillwater, February 2010.
- CASNR's Effective Teaching Committee in a "brown bag" seminar about USDA Higher Ed Challenge Grants, Oklahoma State University, December 2009.
- National Science Foundation, EPSCoR Grants Workshop, Oklahoma State University, May 2009.
- Seminar, "Mushroom Production in Ghana: . . .," Oklahoma State University, May 2009.
- School of International Studies, 10th Anniversary Celebration, Global Panel Session – Africa, Oklahoma State University, April 2009.
- "Engaged Research Conference," K20Center, the University of Oklahoma, November 2008.
- "Communication and Conversation: The Art of Listening in the Classroom and in Everyday Life," Institute for Teaching & Learning Excellence (ITLE), Oklahoma State University, Stillwater, October 2008.

**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012 (continued)**

- “Western Region CSREES Grantsmanship Workshop and Writing Winning Grants,”  
United States Department of Agriculture (USDA), Salt Lake City, UT, October 2008.
- “Using Nvivo Software in Qualitative Inquiry,” Institute for Teaching & Learning Excellence (ITLE), Oklahoma State University, Stillwater, October 2008.
- “Assessment for Improvement vs. Assessment for Accountability,” Dr. Trudy Banta, presenter.  
Institute for Teaching & Learning Excellence (ITLE), Oklahoma State University,  
Stillwater, April 2008.
- “Sending One Million Students to Study Abroad,” Dr. Peter McPherson, presenter. Wes  
Watkins Distinguished Lectureship, School of International Studies, Oklahoma State  
University, Stillwater, April 2008.
- “What the Best College Teachers Do,” Dr. Ken Bain, presenter. College of Agricultural  
Sciences & Natural Resources, Institute for Teaching & Learning Excellence (ITLE),  
Oklahoma State University, Stillwater, April 2008.
- “Course Redesign for Lower Division Classes: Three Models in Three Universities. 2008  
Conference on Advancing Strategies for Teaching and Learning (CASTLE), Institute for  
Teaching & Learning Excellence (ITLE), Oklahoma State University, Stillwater, April  
2008.
- Global Briefing Seminar: “Dare to be a Leader in the 21st Century,” Dr. Lloyd Lewan.  
School of International Studies, Oklahoma State University, Stillwater, March 2008.
- “Students’ Critical Thinking Skills,” General Education Assessment Council, Faculty workshop,  
Oklahoma State University, Stillwater, February 2008.
- “OSU’s International Programs and Opportunities.” Institute for Teaching & Learning  
Excellence (ITLE), Oklahoma State University, Stillwater, January 2008.
- “Governor’s Global Education Conference; Putting the World into World Class Education,”  
Rose State College, Midwest City, OK, November 2007.
- “Special Education Parent Panel,” College of Education, Oklahoma State University, Stillwater,  
November 2007.
- “Increasing Student Diversity in Agricultural Education.” Breakout Session, Texas Agricultural  
Science and Technology Teachers’ Annual Conference, Arlington, TX, August 2007.
- “Teaching in American Classrooms: A PANEL for International Professors.” Institute for  
Teaching & Learning Excellence (ITLE), Oklahoma State University, Stillwater, March  
2007.
- “The Battle of Adwa,” “Darubini Africa” Film Series and Facilitated Discussion. Center for  
Africana Studies and Development, Oklahoma State University, Stillwater, September  
2006.
- Institutional Review Board, Principal Investigator Training Tutorial, Oklahoma State University,  
Stillwater, August 2006.
- “America, Russia, and the Commonwealth of Independent States: A New Generation Builds  
New Relationship.” OSU Russian Club, Student Scholarly Conference, Oklahoma State  
University, Stillwater, April 2006.
- CASNR Effective Teaching Committee, Brown Bag Teaching Discussion, “Outcomes/Program  
Assessment,” Drs. Jeffroy Hattey and Dani Bellmer, presenters. Oklahoma State  
University, Stillwater, April 2006.



**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012 (continued)**

- Global Briefing Seminar: "Sub-Saharan Africa: Countries in Transition," The Ambassador of the Republic of Rwanda to the United States, Dr. Zac Nsenga, presenter. School of International Studies, Oklahoma State University, Stillwater, March 2006.
- Global Briefing Seminar: "Armenia: An Undiscovered Culture," Alex Hovakimyan, presenter, School of International Studies, Oklahoma State University, Stillwater, February 2006.
- CASNR, Teaching Improvement Retreat, Oklahoma State University, Tulsa, January 2006.
- "Sexual Harassment Awareness and The OSU Gender Discrimination/Sexual Harassment Policy and Title IX Grievance Procedure," Seminar, Oklahoma State University, November 2005.
- Global Briefing Seminar: "International Education: Successes and Challenges," Dr. Hugh L. Agnew, presenter. School of International Studies, Oklahoma State University, Stillwater, September 2005.
- CASNR, Teaching Effectiveness Workshop: "Teaching for Critical Thinking," Oklahoma State University, Stillwater, August 2005.
- "Industry Licensures and Certification for AGSC Students." Breakout Session, Texas Agricultural Science and Technology Teachers' Annual Conference, Galveston, TX, August 2005.
- "Integrating LifeKnowledge v2.0 in Your Ag Ed Classroom." Breakout Session, Texas Agricultural Science and Technology Teachers' Annual Conference, Galveston, TX, August 2005.
- "Conducting Valid Survey Research." Research Conference Pre-session, American Association for Agricultural Education (AAAE), National Agricultural Education Research Conference (NAERC), San Antonio, TX, May 2005.
- Western Region Agricultural Education Conference (WRAEC), Industry Tours, Prescott, AZ, April 2005.
- "Using Technology to Increase Active Participation in the Learning Process," Dr. Donald French, presenter. Tech Tuesday Seminar, Oklahoma State University, Stillwater, March 2005.
- "Study, Not Teaching: Shifting the Site of Education" seminar, Dr. William F. Pinar, lecturer. School of Teaching and Curriculum Leadership, Oklahoma State University, Stillwater, March 2005.
- SMART Board Orientation, Steve Patrick, presenter, Calera Public Schools, Calera, OK, March 2005.
- Oklahoma State University Assessment Council, "Developing and Assessing Critical Thinking," Drs. Jeff Hattey and Greg Wilber, presenters, Stillwater, September 2004.
- Brock Symposium on Excellence in Education, "What Education Can Learn from the Arts," 2004 Brock Laureate, Dr. Elliot W. Eisner, Stillwater, April 2004.
- Oklahoma State University Honors College Lecture, "The Renaissance of Medieval Philosophy in the Twentieth Century," Dr. Anthony Lisska, Stillwater, March 2004.
- CASNR Effective Teaching Committee, Brown Bag Teaching Discussion, "The OSU Undergraduate Experience: A View from the Academic Side," Dr. Marlene Strathe, Provost and Senior Vice President for Academic Affairs, Stillwater, March 2004.
- Southern Agricultural Education Conference (SAEC), "Searching, Applying, and Interviewing for Professional Positions," Tulsa, OK, February 2004.

**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012 (continued)**

- Fidelity of Treatment Training (Teacher Observations), Math-in-CTE Research Project, Oklahoma Replication, Stillwater, January 2004.
- Creativity and Wellness Lecture, Dr. Mihaly Csikszentmihalyi, presenter, Tulsa, OK, October 2003.
- CASNR Teaching Effectiveness Workshop: "Peer Observation for Teaching Assessment," Oklahoma State University, Stillwater, August 2003.
- Western Region Agricultural Education Conference (WRAEC), Industry Tours, Portland, OR, April 2003.
- Address by Dr. Constance Kamii, "Noted Piagetian Scholar . . .," Oklahoma State University, Stillwater, March 2003.
- Annual Conference of Oklahoma Association of Teacher Educators (OATE), Stillwater, March 2003.
- National Association of State Universities and Land Grant Colleges (NASULGC), Southeastern Listening Session, College of Agricultural and Environmental Sciences, University of Georgia, Athens, June 2002.
- Agro-Security Work Conference, College of Agricultural and Environmental Sciences, University of Georgia, Athens, May 2002.
- "Commercialization of the Academy," Sam Nunn Bank of America Policy Forum, Emory University, Atlanta, GA, April 2002.
- Distance Education Tour (DETOUR) Workshops, College of Agricultural and Environmental Sciences, University of Georgia, Athens, March-April 2002.
- Globalization and Change in Europe, International Symposium 2002, Center for Humanities and Arts, University of Georgia, Athens, February 2002.
- Fundamental Principles of Proposal Development Workshop, University of Georgia, Athens, February 2002.
- National Agricultural Education Inservice, the National FFA Organization, Indianapolis, IN, February 2002.
- Professional Improvement Seminars, Southern Association of Agricultural Scientists (SAAS), Southern Agricultural Education Research Conference (SAERC), Orlando, FL, February 2002.
- Reviewer Workshop, Journal of Agricultural Education, American Association for Agricultural Education (AAAE), New Orleans, LA, December 2001.
- Southern Regional Teaching Improvement Workshop, Auburn University, Auburn, AL, October 2001.
- Human Subjects Research Policies and Procedures: Introduction Seminar, University of Georgia, Athens, September 2001.
- Future of American Agriculture: Southern Region Conference, Athens, GA, August 2001.
- Summer Leadership Conference, Georgia Vocational Agriculture Teachers' Association (GVATA), Calloway Gardens, GA, July 2001.
- Grant Writing Workshop, Institute of Food Science and Engineering, Texas A&M University, College Station, June 2001.
- Research Seminar Series, Department of Agricultural Education, Texas A&M University, College Station, spring semester 2001.

**SELECTED PROFESSIONAL DEVELOPMENT ACTIVITIES: 1999-2012 (continued)**

Western Region Agricultural Education Conference (WRAEC), Industry Tours, Carmel, CA, April 2001.

Introduction to HTML Workshop, Texas A&M University, College Station, 2001.

Teacher Self-Efficacy: Substantive Implications and Measurement Dilemmas, Seminar, Educational Research Exchange, Texas A&M University, College Station, February 2001

Research Conference Pre-session, National Agricultural Education Research Conference (NAERC), San Diego, CA, December 2000.

National Career and Technology Curriculum Development Conference, Williamsburg, VA, October 2000.

Science, Mathematics, and Technology Conference, Dallas, TX, August 2000.

Agricultural Science and Technology Teachers' Professional Improvement Conference, Lubbock, TX, August 2000.

Western Region Agricultural Education Conference (WRAEC), Industry Tours, Las Cruces, NM, April 2000.

Course Design and Delivery for Teaching at a Distance, College of Agriculture and Life Sciences, Texas A&M University, College Station, 2000.

Culture and Agriculture Conference, San Antonio, TX, February 2000.

Professional Improvement Seminar, Southern Association of Agricultural Scientists (SAAS), Southern Agricultural Education Research Conference (SAERC), Lexington, KY, January-February 2000.

College Teaching General Session, "What is Exemplary College Teaching and the Student Learning Process?" 2000 Agriculture Program Conference, Texas A&M University, College Station, January 2000.

Russian and Soviet Literature and Culture Seminar, Center for Russian, Eastern European and Eurasian Studies, The University of Texas in cooperation with the International Research Exchange (IREX), Austin, February 1999.

**HONORS AND AWARDS**

Tenure Award, 30 years, Vocational Agriculture Teachers' Association of Texas (VATAT), Amarillo, TX. (Awarded July 2012).

Fellow Award, Association for International Agricultural and Extension Education (AIAEE), an inaugural recipient. (Awarded May 2012.)

Association for International Agricultural and Extension Education (AIAEE), "Journal Article of the Year Award 2011," Journal of International Agricultural and Extension Education (JIAEE), Volume 18 – 2011, recipient (co-author). (Awarded May 2012.)

Association for International Agricultural and Extension Education (AIAEE) Conference, 2012 Outstanding Graduate Student Poster Presentation Award (co-author).

Association for International Agricultural and Extension Education (AIAEE) Conference, 2011 Outstanding Graduate Student Paper Presentation Award, Second Runner-up (co-author).

Western Region Agricultural Education Research Conference (WRAERC) Outstanding Innovative Poster, First Runner-up, 2011 (co-author).

**HONORS AND AWARDS (continued)**

- Southern Agricultural Education Research Conference (SAERC), Outstanding Research Paper Presentation, 2011 (co-author).
- American Association for Agricultural Education-Southern Region (AAAE-S), “Distinguished Research Award” Recipient, 2011.
- American Association for Agricultural Education (AAAE), National Agricultural Education Research Conference (NAERC), Outstanding Innovative Poster Presentation Award, Second Runner-up (co-presenter). (Awarded May 2010).
- Western Region Agricultural Education Research Conference (WRAERC), “Distinguished Manuscript” Award recipient, 2010 (co-author). (Awarded April 2010).
- American Association for Agricultural Education (AAAE), “2008 Author of the Year,” Journal of Agricultural Education (JAE), Volume 49 – 2008, award recipient (co-author). (Awarded May 2009.)
- Association for International Agricultural and Extension Education (AIAEE), “Journal Article of the Year Award 2008,” Journal of International Agricultural and Extension Education (JIAEE), Volume 15 – 2008, recipient (co-author). (Awarded May 2009.)
- American Association for Agricultural Education-Southern Region (AAAE-S), “Outstanding JSAER Article Award,” Winner, Journal of Southern Agricultural Education Research, Volume 58 – 2008 (co-author). (Awarded February 2009.)
- Association for International Agricultural and Extension Education (AIAEE) Conference, 2009 2nd Place Outstanding Paper Presentation Award (co-author).
- Association for International Agricultural and Extension Education (AIAEE) Conference, 2009 2nd Place Outstanding Poster Presentation Award (co-presenter).
- American Association for Agricultural Education-Southern Region (AAAE-S), “Outstanding JSAER Article Award,” Winner, Volume 58 – 2008 (co-author).
- Thesis Advisor, Graduate Research Excellence Award recipient (Billystrom A. Jivetti), Graduate College, Oklahoma State University, Spring 2008.
- Dissertation Advisor to the 2007 Williams’ Outstanding Thesis Award Winner (Social Science; R. Brent Young), College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Association for International Agricultural and Extension Education (AIAEE) Conference, 2008 Outstanding Graduate Student Paper Presentation Award (co-author).
- Association for International Agricultural and Extension Education (AIAEE) Conference, 2008 Outstanding Poster Presentation Award (co-presenter).
- National Association of Agricultural Educators (NAAE), *Years of Service Award* (5 years), presented by the Oklahoma Agricultural Education Teachers’ Association (OAETA), 2007.
- Vocational Agriculture Teachers’ Association of Texas 25 Years Service Pin Recipient, 2007.
- American Association for Agricultural Education (AAAE), Journal of Agricultural Education “Author of the Year Award,” Winner, Volume 47 – 2006 (co-author).
- National Agricultural Education Research Conference (NAERC), Outstanding Paper Presentation Award, Winner, 2007 (co-author).
- American Association for Agricultural Education (AAAE), Alan A. Kahler Outstanding Dissertation Award Recipient, 2007 (R. Brent Young), Dissertation Advisor.

**HONORS AND AWARDS (continued)**

- Southern Agricultural Education Research Conference (SAERC), Outstanding Research Paper Presentation, 1st runner-up, 2007 (co-author).
- American Association for Agricultural Education-Southern Region (AAAE-S), “Outstanding *JSAER* Article Award,” Winner, Volume 56 – 2006 (co-author).
- American Association for Agricultural Education (AAAE), National Agricultural Education Research Conference (NAERC), Outstanding Research Paper Presentation, 1st runner-up, 2006 (co-author).
- Southern Agricultural Education Research Conference (SAERC), Outstanding Research Paper Presentation, Winner, 2006 (co-author).
- American Association for Agricultural Education (AAAE), “Outstanding Early Career Member Award” Recipient, 2005.
- Dissertation Advisor to the 2005 Williams’ Outstanding Thesis Award Winner (Social Science, Brian A. Parr), College of Agricultural Sciences and Natural Resources, Oklahoma State University.
- Honorary State FFA Degree Recipient, Oklahoma FFA Association, April 2005.
- American Association for Agricultural Education-Southern Region (AAAE-S), “Outstanding Young Agricultural Educator Award” Recipient, 2005.
- National Association of Agricultural Educators (NAAE) “30 Minute Club,” Award Recipient, Oklahoma, 2004.
- National Agricultural Education Research Conference (NAERC) Outstanding Paper Presentation Award, Second Runner-up, 2003 (lead author).
- Vocational Agriculture Teachers’ Association of Texas 20 Years Service Pin Recipient, 2002.
- Southern Agricultural Education Research Conference (SAERC) Outstanding Research Paper Presentation, Second Runner-up, 2002 (co-author).
- American Association for Agricultural Education (AAAE), Journal of Agricultural Education “Author of the Year Award,” Winner, Volume 41 – 2000 (lead author).
- Western Region Agricultural Education Research Conference (WRAERC) Outstanding Poster, First Runner-up, 2001 (co-author).
- Southern Agricultural Education Research Conference (SAERC) Poster Session Outstanding Poster, First Runner-up, 2001 (co-author).
- American Association for Agricultural Education (AAAE), Journal of Agricultural Education “Author of the Year Award,” Second Runner-up, Volume 40 – 1999 (lead author).
- Texas A&M University, Department of Agricultural Education, Departmental Nominee for the American Association for Agricultural Education (AAAE) Alan A. Kahler Outstanding Dissertation Award, 2000.
- Association for International Agricultural and Extension Education (AIAEE) Conference, 2000 Outstanding Research Paper Award (lead author).
- Western Region Agricultural Education Meeting Outstanding Research Presentation Award, First Runner-up, 1998 (co-author).
- Western Region Agricultural Education Meeting Poster Session Outstanding Poster, Second Runner-up, 1998 (co-author).
- Klein Independent School District FFA Project Show Catalog Dedication Recipient, 1998.
- Vocational Agriculture Teachers’ Association of Texas 15 Years Service Pin Recipient, 1997.

**HONORS AND AWARDS (continued)**

National Vocational Agriculture Teachers' Association "Thirty-Minute Club," State Award Recipient, Texas, 1994 and 1996.

National Champion FFA Poultry Judging Career Development Event, Team Advisor and Coach, 1996.

National FFA Honorary American FFA Degree Recipient (Teacher), 1995.

National Vocational Agriculture Teachers' Association "Ideas Unlimited," State Award Winner, 1995.

National FFA National Chapter Rating Award Gold Emblem Award Winning Chapter, Co-advisor, 1986, 1987, 1988, and 1995.

Texas FFA Association Leadership Development Events State Sweepstakes Award, First-Runner-up Chapter, Co-Advisor, 1986, 1987, and 1995.

Klein Independent School District, Klein Oak High School, "Teacher of the Year," Campus Nominee, 1995.

Kappa Delta Pi, International Honor Society in Education, Inducted, 1994.

Gamma Sigma Delta, International Honor Society of Agriculture, Inducted, 1994.

Texas Hunter Education Instructor "200 Point Club" Award Recipient, 1994.

National FFA Organization, Advisor Recognition, Chapter with the Largest Annual Increase in FFA Membership – State Co-honoree, 1993.

National FFA Alumni Association "Legion of Merit Award" Recipient, 1992.

Vocational Agriculture Teachers' Association of Texas Distinguished Service Award, 1992.

Vocational Agriculture Teachers' Association of Texas 10 Years Service Pin Recipient, 1992.

National Champion FFA Invitational Parliamentary Law Contest, Team Advisor and Coach, 1988.

National FFA National Chapter Rating Award State Winning Chapter, Co-advisor, 1988.

Goose Creek Consolidated Independent School District "Bell Award" Recipient for Educational Leadership, 1985 and 1987.

Texas FFA Association Leadership Development Events State Sweepstakes Award Winning Chapter, Co-Advisor, 1985.

Texas FFA Association Honorary Lone Star Farmer Degree Recipient, 1985.

Golden Key Honor Society, Inducted, 1981.

Alpha Chi, Academic Honor Society, Inducted, 1980.

Delta Tau Alpha Agricultural Honor Society, Inducted, 1979.

Alpha Lambda Delta, Academic Honor Society, Inducted, 1979.

**PROFESSIONAL ORGANIZATION MEMBERSHIPS**

American Association for Agricultural Education, Associate 1994-1996, Active 1997-present.

American Professional Partnership for Lithuanian Education, 1998-present.

American Vocational Education Research Association, 2002.

Association for Career and Technical Education (Formerly AVA), 1983-present.

Association for Career and Technical Education Research (Formerly AVERA), 2005-present.

Association for International Agricultural and Extension Education, 1998-present.

Association for Supervision and Curriculum Development, 1993-present.

**PROFESSIONAL ORGANIZATION MEMBERSHIPS (continued)**

Comparative and International Education Society, 1999-2005; 2006-present.  
Council for Agricultural Science and Technology, 1995-2005.  
Eastern Evaluation Research Society, 1999.  
Georgia Vocational Agriculture Teachers' Association, 2001-2002.  
Houston World Affairs Council, 1998-2001.  
Initiative for Social Action and Renewal in Eurasia, 1999-2004.  
National Association of Agricultural Educators (Formerly NVATA), Active 1982-1997,  
Associate 1998-present.  
North American Colleges and Teachers of Agriculture, Active 2003-2010.  
Oklahoma Agricultural Education Teachers' Association, 2002-present.  
Oklahoma Association of Career and Technology Education, 2002-present.  
Oklahoma Association of Teacher Educators, 2003.  
Phi Delta Kappa International, 2001-2003; 2006-2007.  
Professional Agricultural Workers of Texas, 1982-2001.  
Society for Research on Educational Effectiveness (charter member), 2006-2010.  
Texas Classroom Teachers' Association, 1983-1992.  
Vocational Agriculture Teachers' Association of Texas, Active 1982-1997, Associate  
1998-present.  
World Future Society, 1994-present.

**ALUMNI ASSOCIATION MEMBERSHIPS**

National FFA Alumni Association (Life Member)  
Sam Houston State University Alumni Association, Anniversary Society (Annual Member)  
Sam Houston State University Agriculture Alumni Association (Life Member)