

Joe E. Muller Ph. D.
Associate Professor, Agricultural Engineering Technology
Department of Agricultural Sciences and Engineering Technology
College of Sciences

Degrees Earned

- Ph.D. Agricultural Education, Iowa State University, Ames, IA.
December 1990

Ph.D. Dissertation Topic: "An Analysis of the Agricultural Education
B.S. Graduates from 1981-1989 and Their Perceptions of the Teacher
Education Program at Iowa State University".
- Ed. S. Vocational Education, University of Arkansas, Fayetteville, AR.
May 1990.
- M.S. Agricultural Education, University of Arkansas, Fayetteville, AR.
May 1987.
- B.S. Agricultural Education, Oklahoma State University, Stillwater, OK.
May 1974.

Publications, Technical Reports, Research Monographs and Curriculum

Saucier, P. R., McKim, B. R., Muller, J. E., & Kingman, D. M.
(Accepted, July 2014). Assessing performance and
consequence competence in a technology-based professional
development for agricultural science teachers: An evaluation of
the Lincoln Electric welding technology workshop. Career and
Technical Education Research, 39(2), 10.5328/cter39.2

Yildiz F., Muller, J., Kingman, D, Ullrich, D., Coogler, K.L.,
Crockford, W.W. 2013. Mobile Renewable Energy Education to
Promote STEM Education in Rural School Districts.
International Journal of Research & Innovation (IJERI). Vol. 5,
No. 2. Print ISSN: 2152-4157, Online ISSN: 2152-4165.

- Yildiz, F., Coogler L.K, Amador, R., Kingman, D., Muller, J., Conversion of a Gasoline Powered Boat to a Hybrid Electric Boat. IET Electrical Systems in Transportation Journal. (Submitted, In Review,).
- Kingman, D. M., Muller, J.E. and Nelson, K. Evaluation of a plastic grain engulfment rescue device. Journal of Ag Systems Technology, and Education. Vol. 22. June 2007
- Ullrich, D. R., Pavelock, D., Muller J. E., and Harrell, W. R. Student Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show [Electronic version]. Journal of Southern Agricultural Education Research, 55(1), 2005
- Muller, J and R. Tidwell Is "Agricultural Electronics" Being Taught as Part of Your Curriculum? The Agricultural Education Magazine: 69 (1), 1997
- Muller, J. What's Not Changing at the Agricultural Services Workplace? The Agricultural Education Magazine: 68 (1), 1995
- Muller, J. and W. Miller. Are The Better-Qualified Agriculture Science Instructor Candidates Really Leaving Or Not Entering The Teaching Profession? Journal of Agricultural Education. 34 (4), 1993
- Miller, W., Trede, L., Bekkum, V., and J. Muller. The Effect of Student Characteristics and Teaching Techniques on Microcomputer Instruction in Agricultural Mechanization. The Journal of Agricultural Mechanization. 4 (2), 1989
- Muller, J., Braker, P., and J. Rolloff. Farm Equipment Curriculum Guide and Instructor's Material, (457 pp.) Arkansas State Department of Vocational and Technical Education; and Agricultural and Extension Education Department, University of Arkansas. 1988
- Muller, J., Braker, P., and J. Rolloff. Farm Power Curriculum Guide and Instructor's Material, (951 pp.) Arkansas State Department of Vocational and Technical Education; and Agricultural and Extension Education Department, University of Arkansas. 1987
- Muller, J. E., et. al. Mechanized Agriculture CDE Handbook [CD] 2011 (IMS Catalog No. 9367NC). College Station, TX: Texas A&M University, Instructional Materials Service.
- Muller, J. E., et. al. Mechanized Agriculture CDE Handbook [CD] 2010 (IMS Catalog No. 9366NC). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agriculture CDE Handbook [CD] 2009 (IMS Catalog No. 9365NC). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agriculture CDE Handbook [CD] 2008 (IMS Catalog No. 9364NC). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agricultural Systems CDE's Handbook - 2007 (IMS Catalog No. 4512). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agricultural Systems CDE's Handbook – 2006 (IMS Catalog No. 4511). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agricultural Systems CDE's Handbook – 2005 (IMS Catalog No. 4510). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, Joe E., et.al. Mechanized Agricultural Systems CDE's Handbook - 2004 (IMS Catalog No. 4509). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agricultural Systems CDE's Handbook – 2003 (IMS Catalog No. 4508). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, J. E., et. al. Mechanized Agricultural Systems CDE's Handbook – 2002 (IMS Catalog No. 4507). College Station, TX: Texas A&M University, Instructional Materials Service.

Muller, Joe E., et.al. Mechanized Agricultural Systems CDE's Handbook - 2001 (IMS Catalog No. 4506). College Station, TX: Texas A&M University, Instructional Materials Service.

Saucier, R., McKim, B., Muller, J., and Kingman, D. Assessing Performance and Consequence Competence in a Technology-Based Professional Development for Agricultural Science Teachers: An Evaluation of the Lincoln Electric Welding Technology Workshop. [Published Proceedings] Western Region Research Conference, American Association for Agricultural Education, April, 2012, Bellingham, WA.

Saucier, R., McKim, B., Muller, J., & Kingman, D. Assessing performance and consequence competence in a technology-based professional development for agricultural science teachers: An evaluation of the Lincoln Electric Welding Technology Workshop. [Published Proceedings] Association for Career and Technical Education Research Conference, November 2012 Atlanta, GA.

Patel, J. M., Muller, J.E. and Kingman D.M. Analysis of Tractor Engine Performance using Selected Biodiesel Fuels under Alternative Loads. 28th Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentations [Published Refereed Paper], Indianapolis, IN., October 2010

Largent, J., Kingman, D. M., Muller, J. E., Pavelock, D. Kelley, S. F., and Ullrich, D. R. Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show. 25th Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentations, [Published Proceedings], Indianapolis, IN., October 2007

Ullrich, D. R., Pavelock, D., Muller J. E., and Harrell, W. R., Student Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show [CD-Rom]. Proceedings of Southern Agricultural Education Research Conference. Little Rock, AR. (cira 11 manuscript pages), 2005

Muller, Joe E, Doug Ullrich, Dwayne Pavelock, and William R. Harrell. Student Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Project Show. Proceedings of 22nd Annual National Agricultural Mechanics Professional Development Seminar. Louisville, Kentucky

Patel, Jaynil, D Kingman, J. Muller, and M. Lau. Master's Thesis (2009) Analysis of Tractor Engine Performance Using Selected Biodiesel Fuels Under Alternative Loads. Sam Houston State University

Vodehnal, Joshua; Robert Lane; Stanley Kelly; and Joe Muller, Technical Paper. Nutritional Quality of Sliced vs. Unsliced Bermudagrass (*Cynodon dactylon*) and Pearl Millet (*Pennisetum typhoides*) Round Bales.

Darden, Jr., Henry H., W.R. Harrell, S.F. Kelley, and J.E. Muller. (2003) Master's Thesis, "The Use of Lactobacillus (In Yogurt) as a Factor in the Control of Enteritis in Fryer Rabbit Production. Sam Houston State University

Muller, Joe E., D. Kingman and W. R. Harrell. (1990-2010) Co-author of numerous materials for National Agricultural Mechanics Career Development Events. Sam Houston State University

Muller, J. and W. R. Harrell (1998) Gooseneck Stock Trailer Plans, Instructional Materials Service, Texas A&M University.

Muller, J., et.al. (Between 1990 and 1997) Authored and co-authored over 88 separate titles totaling of over 1275 pages of Agricultural Mechanics curriculum, curriculum guides, testing, training and certification and other teaching materials. Instructional Materials Service, Texas A&M University.

Abstracts

Beverly, M.M., S.F. Kelley and J.E. Muller. 2013. Assessment of Student Attitudes for Hybrid Taught Courses. Abstract, NACTA Journal, 57 (1): 116

Pavelock, D., Largent, J., Ullrich, D. R., Kingman, D., Muller, J. E., and Kelley, S. F. Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A follow-up study. Proceedings of the 2008 Annual Conference of the American Association for Agricultural Education, [Abstract], Reno, NV (available on USB), May 2008

Largent, J., Kingman, D. M., Muller, J. E., Pavelock, D. Kelley, S. F., and Ullrich, D. R. Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show. 25th Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentations [Abstract], Indianapolis, IN., October 2007

Lane, B., J. E. Muller, S. Kelley, and E. D. Grahmann. Deterioration and Cattle Preference of Sliced and Un-sliced Bales in East Texas. Abstract of on-going research project sent to Dean Morrell, Marketing Manager, Hay Packaging Division and Dave Murdock, of CNH Corporation for use in national and international marketing, promotion, and training materials of their product.

External Funded Research, Workshops, and Other Educational Activities

Yildiz, F., Pavelock, D., Ullrich, D., Muller J. 2015. United States Department of Agriculture (USDA), Capacity Building Grants for Non-Land Grant Colleges of Agriculture (NLGCA) through National Institute of Food and Agriculture (NIFA), to establish "Sustainable Energy and Biofuel Education for Texas (SEBET)", Proposal Number: 2015-10138. Total Requested: \$749,707 (not funded)

Muller, J. E., and Saucier, Ryan. SHSU Agricultural Technology and Mechanical Systems Metal Fabrication Workshops \$3,750.00. August 1 and 25, Oct 9 and 25, 2015

Muller, J. E., Agricultural Technology and Mechanical Systems Welding, Workshop, \$3,600.00. June, 2015

Muller, J. E., Estimated expenditures of \$20,000.00 anonymous donors for consumable supplies, parts, and materials they directly purchased and/or donated to be used to enable enhanced laboratory instruction, construction, and research projects started and/or completed during 2015 for the SHSU Agricultural Engineering Technology Program Area.

Muller, J. E., Agricultural Technology and Mechanical Systems Project Construction, Welding, and CNC and Plasma Table Workshop, \$3,500.00. June, 2014.

Muller, J. E., Estimated expenditures of \$50,000.00 by, Bill Thomas, Clarence Wisenbaker, Dewayne Walters, and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction, construction and research projects started and/or completed during 2014. In addition, two gooseneck stock trailer projects and one wood framed metal sided storage building were built for the SHSU Agricultural Sciences Department.

Muller, J. E., and Kingman, D. M. No-cost lease of CNH biodiesel tractor. New Model T475 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2014 (returned in 2014)

Ullrich, D.R., Yildiz, F., Lane, R. and [Wolfskill, A., Roucan-Kane, M., and Muller, J.] (2012). (Worked on committee not Co- PI) Agricultural Sustainable Energy Education Network (ASEEN). United States Department of Agriculture – NIFA – Capacity Building Grant for Non-Land Grant Colleges of Agriculture. \$693,021, August 2012 – August 31, 2015. [\$231,007.00 each year for 3 years]

Stutts, K.J. and M.M. Beverly. [Muller, J. et.al.] 2012. (Worked on committee not con PI Summer Merit Program. Texas Workforce Commission. Total Requested: \$70,472.

Muller, J. E., and Kingman, D. M. No-cost lease of CNH biodiesel tractor. New Model T475 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2013

Muller, J. E., Estimated expenditures of \$50,000.00 by Sammy Jones, Bill Thomas, Clarence Wisenbaker, Dewayne Walters, Weston Mc Coy, Woody Harmon and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction, construction and research projects during 2013.

Muller, J. E., Torchmate CNC and Plasma Table Workshop, \$2,700.00. June, 2012.

Muller, J. E., and Kingman, D. M. No-cost lease of CNH biodiesel tractor. New Model T475 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2012

Muller, J. E., Estimated expenditures of \$75,000.00 by John Sandling, Sammy Jones, Debbie and Richard Henriksen, Bill Thomas, Clarence Wisenbaker and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction, construction and research projects during 2012.

Muller, J. E. and Kingman, D. M. No-cost lease of CNH biodiesel tractor. New Model T4050 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2011

Muller, J. E. Donation of assorted sizes and lengths of angle iron to be used to enable enhanced laboratory instruction and research projects. NuCor / Vulcraft Steel. Estimated value \$10,000.00. 2011

Muller, J. E. Estimated expenditures of \$75,000.00 by Ropers Demolition Inc., Flores Ranches, Mayse Plumbing Contractors, Schroder Ranches, Stuhrenber Farms and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction, construction, and research projects. 2011

Muller, J. E. Trailer Construction and Welding Workshop. \$2,500.00. June, 2011

Muller, J. E. Lincoln Electric/SHSU Welding Workshop. \$3,600.00. December 5 to December 9, 2011

Muller, J. E. Lincoln Electric Cleveland Ohio. Assorted welding and teaching supplies \$1,000.00. December, 2011

Muller, J. E. and Kingman, D. M. Lincoln Electric/SHSU Welding Workshop. \$4,500.00. November 29 to December 3, 2010

Muller, J. E. and Kingman, D. M. Texas A&M University, Instructional Materials Service, Equipment and Engine Training Council, Small Engine Workshop, \$15,000.00. October, 2010.

Muller, J. E. and Kingman, D. M. Lincoln Electric, Assorted welding supplies. \$2,000.00. March, 2010

Kingman, D. M. and Muller, J. E. No-cost lease of CNH biodiesel tractor. New Model T4050 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2010

Muller, J. E. and Kingman, D.M. Estimated expenditures of \$20,000.00 by Blackard Farms, Charles Analfi, Rodell Farms, and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction and research projects. 2010

Muller, J. E. and Kingman, D. M. BETACO, New Waverly, TX. Welding Supplies and Materials, \$1,096.50 Feb, 2009.

Muller, J. E. and Kingman, D. M. Texas A&M University, Corpus Christi, Occupational Training and Development Office, Agricultural Mechanization and Technology Workshop, \$25,475.00. June 15-19 and June 29-July 3, 2009.

Muller, J. E. and Kingman, D. M. Lincoln Electric/SHSU Welding Workshop. \$4,500.00. December 7-11, 2009.

Kingman, D. M. and Muller, J. E. No-cost lease of CNH biodiesel tractor. New Model T4050 tractor was provided by CNH and used for testing biodiesel fuels and laboratory demonstrations. 2009

Kingman, D. M. and Muller, J. E. 125 gallons of B100 donated from Agri-Biofuels, Dayton, TX. 2009

Muller, J. E. and Kingman, D.M. Estimated expenditures of \$18,000.00 by Martha Valley Farms, Steve Mikulin, Marcus Bean, other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction and research projects.

Muller, J. E. and Kingman, D. M. Lincoln Electric, Two TIG welding machine carts for advanced welding class and workshops. \$880.00. April, 2008.

Muller, J. E. and Kingman, D. M. Texas A&M University, Corpus Christi, Occupational Training and Development Office, Agricultural Mechanization and Technology Workshop, \$16,360.00. June 23-27, 2008.

Muller, J. E. and Kingman, D. M. Lincoln Electric/SHSU Welding Workshop. \$9,000.00. December 8-12, 2008.

Kingman, D. M. and Muller, J. E. No-cost lease of CNH biodiesel tractor. New Model T4550 tractor was provided by CNH and used for testing biodiesel fuels.

Kingman, D. M. and Muller, J. E. 125 gallons of B100 donated from Agri-Biofuels, Dayton, TX.

Muller, J. E. and Kingman, D. M. Grant for equipping research and teaching laboratories. \$1,200.00, 2008

Muller, J. E. and Kingman, D.M. Estimated expenditures of \$25,000.00 by Martha Valley Farms, Davis Farms, Hartwell Services, H. Hurry, and Gaspy Ranch for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction and research projects. 2008

Muller, J. E., Kingman, D. M., Pavelock, D., and Ullrich, D. R. Agricultural Mechanization Certification Workshop. Austin, TX: Texas FFA Foundation. \$25,998.00. January 1-June 30, 2007.

Muller, J. E., and Kingman, D. M., No-cost lease of CNH biodiesel tractor. New T95A was provided by CNH and used for testing biodiesel fuels. 2007

Muller, Joe E., Billy R. Harrell, Stanley F. Kelly, Marcy M. Beverly and Robert A. Lane. Study of Bale Density, Average Daily Gain, and Animal Preference Of Summer Perennials and Annuals Packaged in Variations of Large Round Bales and Feed in East Texas Environments. Approved by New Holland North America, Inc. in November 2003. New Holland provided in-kind donation of all supplies and yearly use of a new round baler. (Approximately \$30,000.00 annually.) Ongoing longitudinal study of 3 to 5 years duration.

Muller, J. E., Kingman, D. M., Pavelock, D., and Ullrich, D. R. Agricultural Mechanization Certification Workshop. Austin, TX: Texas FFA Foundation. \$25,998.00 Summer 2006

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$25,998 for Summer 2005

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$30,000 for Summer 2004

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$30,000 for Summer 2003

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$30,000 for Summer 2002

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$20,000 for Summer 2001

Muller, Joe E. and Billy R. Harrell. Grant for a workshop to certify Texas Agricultural Science Teachers to teach General Agricultural Mechanics courses in Texas secondary schools. Funded by Texas Education Agency \$20,000 for Summer 2000

Peer-Review Presentations/Posters

- Pierce, W. H., Roe, C. L., Saucier, P. R., & Muller, J. E. (2016, March). An analysis of a professional development workshop for school-based agriculture teachers: A focus on oxygen fuel welding, cutting, and bending, and plasma arc cutting. Agricultural Consortium of Texas Conference, Stephenville, TX.
- Pierce, W. H., Roe, C. L., Saucier, P. R., & Muller, J. E. (2016, March). An analysis of a professional development workshop for school-based agriculture teachers: A focus on the GMAW and SMAW processes. Agricultural Consortium of Texas Conference, Stephenville, TX.
- Roe, C. L., Pierce, W. H., Saucier, P. R., & Muller, J. E. (2016, March). An analysis of a professional development workshop for school-based agriculture teachers: A focus on metal fabrication equipment. Agricultural Consortium of Texas Conference, Stephenville, TX.
- Roe, C. L., Pierce, W. H., Saucier, P. R., & Muller, J. E. (2016, March). An analysis of a professional development workshop for school-based agriculture teachers: A focus on trailer design and fabrication. Agricultural Consortium of Texas Conference, Stephenville, TX.
- Roe, C. L., Pierce, W. H., Saucier, P. R., & Muller, J. E. (2016, March). An examination of the shortage of agricultural mechanics teachers in Texas: A review of desired employability characteristics by administrators and local school districts. Agricultural Consortium of Texas Conference, Stephenville, TX.
- Saucier, P. R., Roe, C. L., & Muller, J. E. (2015, October). An examination of the shortage of agricultural mechanics teachers in Texas: A review of desired employability characteristics by administrators and local school districts. Poster session presented at the 34th National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

- Saucier, P. R., Geiken, K. B., & Muller, J. E. (2015, October). Career satisfaction of Texas school-based female agriculture mechanics teachers: An examination of influential factors. Poster session presented at the 34th National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.
- Saucier, P. R., Pierce, W. H., & Muller, J. E. (2015, October). The integration of science, technology, engineering, and mathematics (STEM) competencies into the Texas agricultural mechanics metal fabrication curriculum: A professional development model for school-based agricultural educators. Poster session presented at the 34th National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.
- Pulley, Justin and Muller, Joe; Assessment of Agricultural Mechanics Teachers who competed in the State FFA Agricultural Mechanics and Tractor Technician CDEs, 2008 - 2014 Submitted for presentation at 2014 National Ag Mechanics Committee Blue Ribbon Seminar, October 2014 (not accepted)
- Beverly, M.M., S.F. Kelley and J.E. Muller. 2013. Assessment of Student Attitudes for Hybrid Taught Courses. Poster presentation at North American Colleges and Teachers of Agriculture Conference, Blacksburg, VA.
- Saucier, R., McKim, B., Muller, J., & Kingman, D. Assessing performance and consequence competence in a technology-based professional development for agricultural science teachers: An evaluation of the Lincoln Electric Welding Technology Workshop. Association for Career and Technical Education Research Conference, [Presentation] November 2012 Atlanta, GA.
- Saucier, R., McKim, B., Muller, J., and Kingman, D. Assessing Performance and Consequence Competence in a Technology-Based Professional Development for Agricultural Science Teachers: An Evaluation of the Lincoln Electric Welding Technology Workshop. National Research Conference, American Association for Agricultural Education, [Not accepted for presentation] May, 2012, Asheville, NC.

- Saucier, R., McKim, B., Muller, J., and Kingman, D. Assessing Performance and Consequence Competence in a Technology-Based Professional Development for Agricultural Science Teachers: An Evaluation of the Lincoln Electric Welding Technology Workshop. Western Region Research Conference, American Association for Agricultural Education, [Presentation] April, 2012, Bellingham, WA.
- Pavelock, D., Largent, J., Ullrich, D. R., Kingman, D., Muller, J. E., and Kelley, S. F. Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A follow-up study. 2008 Annual Conference of the American Association for Agricultural Education, [Presentation], Reno, NV., May 2008
- Kingman, D., Muller, J. E. and Lau, M. BioDiesel Power Output Management. 2008 American Farm Bureau Federation Annual Convention, New Orleans, LA, [Poster Presentation] January 2008.
- Pavelock, D., Largent, J., Ullrich, D. R., Kingman, D., Muller, J. E., and Kelley, S. F. Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A follow-up study. 2008 Annual Conference of the American Association for Agricultural Education, [Presentation], Reno, NV., May 2008.
- Largent, J., Kingman, D. M., Muller, J. E., Pavelock, D. Kelley, S. F., and Ullrich, D. R. "Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show." 25th Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentation, [Poster Presentation], Indianapolis, IN., 2007.
- Largent, J., Kingman, D. M., Muller, J. E., Pavelock, D. Kelley, S. F., and Ullrich, D. R. "Demographics and extracurricular involvement of students participating in the 2007 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show." 25th Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentation, [Presentation] Indianapolis, IN., 2007.
- Ullrich, D. R., Pavelock, D., Muller J. E., and Harrell, W. R. "Student Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show" [research session presentation]. Southern Agricultural Education Research Conference. Little Rock, AR., 2005.

Muller J. E., "Residual Soil Compaction Caused By Wheel Compared To Track (Rubber Belted) Tractors." Presentation given at the 2004 International Meeting of the American Society of Agricultural Engineers, Ottawa, Canada, 2004.

Muller J. E., "Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show." Presentation given at the 2004 International Meeting of the American Society of Agricultural Engineers, Ottawa, Canada, 2004

Muller J. E., "Do You Teach A General Ag Mech Curriculum And Then Polish A Team Or Does The Yearly Content Of The National Ag Mech CDE Drive Your Local Ag Mech Curriculum?." Presentation given at the 2004 National FFA Convention/Ag Mechanics CDE Committee instructors meeting of teams participating in the National FFA AG Mechanics CDE, Louisville, KY., 2004

Muller J. E., "Comparison of Soil Compaction Caused by Wheel Compared to Track (Rubber Belted) Tractors." Presentation given at the National Ag Mechanics Committee Blue Ribbon Seminar, Louisville, KY., 2004

Muller J. E., "Student Demographics and Safety Education of Students Participating in the 2003 Houston Livestock Show and Rodeo Project Show." Seminar presented at the 22nd Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentation. Louisville, KY., October, 2003

Muller J. E. "Does the National Ag Mechanics CDE Match the Ag Mechanics Curriculum Taught in the Nation's High Schools. Presentation to the National Ag Mechanics Committee Meeting and instructors of the teams participating in the National FFA Ag Mechanics CDE. Louisville, KY., October, 2003.

Muller J. E. "Preparing for the 2002 Agricultural Mechanics CDE and Agricultural Mechanics Project Shows From a National Perspective": Seminar presented at Texas Agricultural Science and Technology Instructors Professional Development Conference, Corpus Christi, Texas, July 2002

Muller, J. and W. Miller. "Agricultural Education Graduates: Comparisons of Academic Ability and Teacher Preparation of Those Who Teach and Those Who Do Not." Research paper presented at National Agricultural Education Research Meeting. 1991

Muller, J. and W. Miller. "Teacher Preparation in Agriculture: A Question of Quality." Research paper presented at Central States Research Conference in Agricultural Education. 1991

Muller, J. and J. Rolloff. "Competency Based Farm Power and Equipment Curriculum Guides for Arkansas." Research paper presented at Southern Region Agricultural Education Conference. 1987

Work or Professional Experiences

Sam Houston State University, Huntsville, TX 1998 to Present
 Department of Agricultural Sciences and Industrial Sciences
 Associate Professor of Agricultural Engineering Technology

❖ Appointment : 100% teaching

Texas A&M University, College Station, TX 1990 to 1998
 Agricultural Education Department
 Instructional Materials Service
 Continuing Education Assistant Professor
 Agricultural Mechanics Curriculum Specialist

Iowa State University, Ames, IA 1989 to 1990
 Joint appointment in Agricultural Engineering and
 Agricultural Education and Studies Departments
 Adjunct Instructor

Iowa State University, Ames, IA 1988 to 1989
 Agricultural Education and Studies Department
 Research and Teaching Assistant

Mangum Equipment Co., Mangum, OK 1984 to 1985
 Farm Equipment Service Technician

Yates Implement Co., Altus, OK 1979 to 1984
 General Service Manager

Altus Public Schools, Altus, OK 1976 to 1979
 Vocational Agriculture Instructor

Cantrell Ranch, Lone Grove, OK 1975 to 1976
 Ranch Foreman

Union City Public Schools, Union City, OK 1974 to 1975
 Vocational Agriculture Instructor

Honors and Awards

Texas FFA Honorary Lone Star Degree, July 2016

5th Place, Outstanding Student Research Poster, 2016 Agricultural Consortium of Texas, Stephenville, TX. An analysis of a professional development workshop for school-based agriculture teachers: A focus on trailer design and fabrication. Roe, C. L. Pierce, W. H., Saucier, P. R., & Muller, J. E., 2016, March.

Distinguished Innovative Idea Poster, 34th National Agricultural Mechanics Blue Ribbon Professional Development Conference, Louisville, KY. The integration of science, technology, engineering, and mathematics (STEM) competencies into the Texas agricultural mechanics metal fabrication curriculum: A professional development model for school-based agricultural educators, 2015.

Twenty Year Service and Tenure Award, Vocational Agricultural Teachers Association of Texas

Leadership Excellence Gold Challenge Coin, Presented by Two Star Major Gen. Jeff Smith, Commanding General U.S. Army Cadet Command and Fort Knox Army Base, Fort Knox, KY.

1st Place, Outstanding Conference Research Paper, 30th Annual Conference for the Association for Career and Technical Education Research, November 2012, Atlanta, GA, Assessing performance and consequence competence in a technology-based professional development for agricultural science teachers: An evaluation of the Lincoln Electric Welding Technology Workshop

Nominated for SHSU Faculty Achievement Awards Committee - Excellence in Service Award - 2010 & 2011

Selected numerous times by SHSU graduating students as a person contributing to their success and development. Solicited by the SHSU Office of the Dean of Student Life.

Who's Who Among America's Teachers 2004

Honorary American FFA Degree 1999. Presented by National FFA Organization.

Outstanding Research Paper Presentation Award 1991. Presented at National Agricultural Education Research Meeting, Los Angeles, CA.

Outstanding Student Teacher Award 1974. Presented by Oklahoma State University Agricultural Education Department.

Most Likely to Succeed Award 1970. Presented by Wilson High School Faculty.

Gamma Sigma Delta

Alpha Tau Alpha

Honorary Chapter Farmer Degree. Presented by Altus, OK and Bryan, TX. FFA Chapters.