

# Curriculum Vita

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

## Education

- 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.

## Peer-Review Publications and Artistic Performances/Exhibitions Articles

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

## Books

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

## Chapters

Muller, J. E., et. al. *Mechanized Agriculture CDE Handbook [CD] 2010* (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.

## Proceedings

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

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. 25<sup>th</sup> Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentations, [Published Proceedings], Indianapolis, IN., October 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. 25<sup>th</sup> Annual National Agricultural Mechanics Professional Development Seminar and Blue Ribbon Presentations [Abstract], 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 22<sup>nd</sup> Annual National Agricultural Mechanics Professional Development Seminar. Louisville, Kentucky*

### **Research Monographs, Technical Reports, Education Teaching Materials, and Curriculum**

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.*

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.*

- 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 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. and D. Kingman (1997) Gas Arc Welding Principles and Procedures, (28 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and D. Kingman (1997) Oxy-fuel Cutting and Welding Principles and Procedures, (36 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1997) Arc Welding Principles and Procedures, (36 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1997) Plasma Arc Cutting and Welding and Procedures, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1996) Installing, Servicing, and Repairing Electronic Equipment, (32 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby (1995) Applied Mathematics Review, (8 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1995) Applying Ohm and Kirchoff's Laws, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1995) Safe Use of Electrical and Electronics Measurement and Test Equipment, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1995) Desoldering and Soldering Electrical Connections, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1995) Operation and Use of Radio Wave, Laser, and Fiber Optic Equipment, (24 pp.) Instructional Materials Service, Texas A&M University.

- Muller, J. (1995) Integration of Electronic Systems in Various Agricultural Applications, (28 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1995) Utilizing Wiring Diagrams and Schematics as a Tool in the Installation, Service, and Repair of Electronic Equipment, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1995) Careers in Agricultural Electronics, (8 pp.) Instructional Materials Service, Texas A&M University.
- Muller J. (1994) Operation and Use of Semiconductors, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1994) Operation and Use of Transistors and Integrated Circuits, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1994) Operation and Use of Photonic-Semiconductor Components, (8 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1994) Use of Electronic Impulses to Transfer Information, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1994) Operation and Use of Sensors, Transducers, and Switches to Generate Electronic Impulse Signals, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1994) Operation and Use of Impulse Signal Conditioners, Microprocessors, and Data Storage Devices, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kirby. (1994) Operation and Use of Actuators and Displays, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby (1994) Electricity and How It is Generated, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1994) Resistance and Capacitance in Electrical Circuits, (12 pp.) Instructional Materials Service, Texas A&M University.

- Muller, J. and H. Kerby. (1994) Applied Magnetism and Electromagnetic Induction, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1994) Curriculum Guide for Agriscience 324 Agricultural Electronics, (20 pp.) Instructional Materials Service, Texas A&M University, and Texas Education Agency.
- Muller, J. (1993) Using the Farm or Builder's Level, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1993) Basic Principles and Safe Use of Electricity, (28 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1993) Placing, Finishing and Curing Quality Concrete, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and H. Kerby. (1993) Planning, Building and Maintaining Barbed and Woven Wire Fences, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and D. Krobot. (1993) Soldering Principles and Procedures, (20 pp.) Instructional Materials Service, Texas A&M University.
- Krobot, D. and J. Muller. (1993) Planning, Building and Maintaining Electric Fences, (20 pp.) Instructional Materials Service, Texas A&M University.
- Krobot, D. and J. Muller. (1992) Planning, Building and Maintaining Privacy, Residential and Commercial Fences, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J., Green, B., and D. Krobot. (1992) Identifying and Safely Using Fasteners, (24 pp.) Instructional Materials Service, Texas A&M University.
- Krobot, D. and J. Muller. (1992) Selecting Paints and Preservatives, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and B. Green. 1992) Bearings and Seals, (12 pp.) Instructional Materials Service, Texas A&M University.
- Krobot, D. and J. Muller. (1992) Safely Applying Paints and Preservatives, (20 pp.) Instructional Materials Service, Texas A&M University.

- Muller, J. and B. Green. (1992) Identifying and Safely Using Power Tools, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J., Green, B., and D. Krobot. (1992) Computing a Bill of Materials, (8 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1992) Planning Buildings and Selecting Equipment, (12 pp.) Instructional Materials Service, Texas A&M University.
- Green, B. and J. Muller. (1992) Identifying and Selecting Wood and Other Building Materials, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1992) Diagnosing Engine Operating Conditions, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and B. Green. (1992) Construction of Agricultural Structures, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1992) Small Engine Safety Equipment Regulations, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1992) Identifying and Selecting Concrete and Masonry Building Materials, (8 pp.) Instructional Materials Service, Texas A&M University.
- Green, B. and J. Muller (1992) Working Safely in Agricultural Mechanics Related Occupations, (8 pp.) Instructional Materials Service, Texas A&M University.
- Green, B. and J. Muller (1992) Identifying and Safely Using Hand Tools, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and B. Green (1992) Planning Concrete Construction, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and B. Green (1992) Installing Electrical Circuits and Equipment, (20 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1992) Planning Electrical Systems, (28 pp.) Instructional Materials Service, Texas A&M University.
- McHam, C. and J. Muller (1992) Soil and Water Management, (12 pp.) Instructional Materials Service, Texas A&M University.



Muller, J. and B. Green (1992) Curriculum Guide for Agribusiness 121 CVAE/VEH Agricultural Mechanics, (35 pp.) Instructional Materials Service, Texas A&M University, and Texas Educational Agency.

Muller, J. (1991) Principles of Concrete and Masonry Construction, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. (1991) Planning and Mixing Quality Concrete, (16 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. (1991) Reinforcing, Placing, Finishing, and Curing Quality Concrete, (20 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. (1991) Service of Tires and Wheels, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. (1991) Planning Agricultural Structures, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. (1991) Selection of Building Materials, (16 pp.) Instructional Materials Service, Texas A&M University.

Schmalriede, R. and J. Muller (1991) Importance of Agricultural Mechanics to American Agriculture, (8 pp.) Instructional Materials Service, Texas A&M University.

Schmalriede, R. and J. Muller (1991) Metal Technology and Weld Quality, (12 pp.) Instructional Materials Service, Texas A&M University.

Schmalriede, R. and J. Muller (1991) Land Measurement and Legal Descriptions, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J. and C. McHam. (1991) Planning Home and Farm Water Systems, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J., McHam, C., and R. Schmalriede. (1991) Maintenance of Agricultural Tractors and Equipment, (12 pp.) Instructional Materials Service, Texas A&M University.

Muller, J., McHam, C., and R. Schmalriede. (1991) Safe Operation of Agricultural Tractors and Equipment, (20 pp.) Instructional Materials Service, Texas A&M University.

- Muller, J., Searcy, S. and R. Schmalriede. (1991) Applying Electronics, Robotics and Artificial Intelligence to Agricultural Mechanics, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and R. Schmalriede. (1991) Principles of Engine Operation, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and R. Schmalriede. (1991) Operation and Service of Power Trains, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and R. Schmalriede. (1991) Operation and Service of Engine Cooling Systems, (12 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and R. Schmalriede. (1991) Using Management Principles in the Selection of Agricultural Tractors and Equipment, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. and R. Schmalriede. (1991) Principles of Electricity, Electronics, Magnetism and Electromagnetic Induction, (24 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1991) Electric Motor Controls, (16 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1991) Land Leveling, (8 pp.) Instructional Materials Service, Texas A&M University.
- Muller, J. (1991) Curriculum Guide for Agribusiness 421: Agricultural Power and Machinery, (24 pp.) Instructional Materials Service, Texas A&M University, and Texas Educational Agency.
- Muller, J. (1991) Curriculum Guide for Agribusiness 422: Agricultural Mechanics, (24 pp.) Instructional Materials Service, Texas A&M University, and Texas Education Agency.
- Muller, J. and others. (1991) Curriculum Guide for Agribusiness 501: Agricultural Cooperative Training, (70 pp.) Instructional Materials Service, Texas A&M University, and Texas Education Agency.
- Muller, J. (1991) Cleaning Agricultural Equipment and Structures and Applying Paints or Other Preservatives, (16 pp.) Instructional Materials Service, Texas A&M University.

### External Research, Workshop, and Continuing Education Funding

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. 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 \$50,000.00 by Ropers Demolition Inc., Flores Ranches, and other anonymous donors for consumable supplies, parts, and materials they directly purchased to be used to enable enhanced laboratory instruction and research projects. 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 Glaspy 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

- 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." 25<sup>th</sup> 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." 25<sup>th</sup> 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 22<sup>nd</sup> 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**

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.

