

P. Ryan Saucier, Ph.D.  
Assistant Professor of Agricultural Engineering Technology  
Department of Agricultural Sciences  
College of Sciences and Engineering Technology  
Sam Houston State University

### **Degrees Earned**

Doctor of Philosophy, Agricultural Education, University of Missouri, May 2010

Master of Science, Agriculture, Sam Houston State University, May 2004

Bachelor of Science, Agriculture – Agricultural Business, Sam Houston State University,  
December 2001

### **Professional Licensure and Certifications**

State of Texas, Vocational Production Agriculture, Teaching Certificate, May 2004 - present

### **Peer – Review Publications and Artistic Performances/ Exhibitions**

**Saucier, P. R.,** & Langley, G. C. (In-Review, Submitted December 2016). An evaluation of the knowledge, performance, and consequence competence in a science, technology, engineering, and mathematics (STEM) based professional development for school-based agricultural science teachers: An assessment of an industry supported Computer Numerical Control (CNC) Plasma Arc Cutting workshop. *The Journal of Agricultural Systems, Technology, and Management*.

**Saucier, P. R.,** & Geiken, K. B. (Accepted Pending Revisions, December 2015). Agricultural mechanics curriculum skill standards for U.S. agricultural science teachers: A Delphi study. *The Journal of Agricultural Systems, Technology, and Management*.

**Saucier, P. R.,** Stair, K., McKim, B. R., Rosencrans, C. (Accepted Pending Revisions, December 2015). An examination of the professional development needs of school-based New Mexico agriculture teachers' ability to safely manage agricultural mechanics laboratories. *The Journal of Agricultural Systems, Technology, and Management*.

**Saucier, P. R.,** & Krysher, S. (2014). Selected factors influencing Missouri school-based agricultural educators to instruct agricultural mechanics curriculum. *The Journal of Agricultural Systems, Technology, and Management*. 25, 1-11.

**Peer – Review Publications and Artistic Performances/ Exhibitions (continued)**

**Saucier, P. R., & McKim, B. R.** (2014). Safety in the agricultural mechanics laboratory: A needs assessment of Tennessee school-based agricultural educators. *The Journal of Agricultural Systems, Technology, and Management*. 25, 12-25.

**Saucier, P. R., McKim, B. R., Muller, J. E., & Kingman, D. M.** (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), doi: 10.5328/cter39.2

**Saucier, P. R., McKim, B. R., Terry, Jr., R., & Schumacher, L. G.** (2014). A performance competence-based needs assessment of Missouri school-based agricultural educators in agricultural mechanics laboratory management. *The Journal of Agricultural Systems, Technology, and Management*. 25, 26-43.

**Saucier, P. R., Vincent, S. K., & Anderson, R. G.** (2014). Laboratory safety needs of Kentucky school-based agricultural mechanics teachers. *The Journal of Agricultural Education*. 55(2), doi: 10.5032/jae.2014.02184

**McKim, B. R., & Saucier, P. R.** (2013). A 20-year comparison of teachers' self-efficacy of agricultural mechanics laboratory management. *The Journal of Agricultural Education*, 54(1), doi: 10.5032/jae.2013.01153

**McKim, B. R., & Saucier, P. R.** (2012). A multi-state factor-analytic and psychometric meta-analysis of agricultural mechanics laboratory management competencies. *The Journal of Agricultural Education*, 53(2), doi: 10.5032/jae.2012.02139

**Saucier, P. R. & McKim, B. R., & Tummons, J.D.** (2012). A Delphi approach to the preparation of early-career agricultural educators in the curriculum area of agricultural mechanics: Fully qualified and highly motivated or status quo? *The Journal of Agricultural Education*, 53(1), doi: 10.5032/jae.2012.01001

## Refereed Abstracts

**Saucier, P. R., & Langley, G. C.** (2016, July). Assessing knowledge, performance, and consequence competence in a technology-based professional development for school-based agricultural educators: An evaluation of the CNC Plasma Cutting Technology Workshop. *Abstract presented orally at the 2016 Annual International Meeting of the American Society of Agricultural and Biological Engineers, Orlando, FL.*

Langley, G. C., & **Saucier, P. R.** (2016, July). Professional development needs of Texas school-based agricultural educators regarding CNC plasma cutting technology: A snapshot assessment method. *Abstract presented orally at the 2016 Annual International Meeting of the American Society of Agricultural and Biological Engineers, Orlando, FL.*

Morrish, D. M., **Saucier, P. R.**, Espinoza, J., & Vela, D. (2014, June). Retention, persistence, and completion strategies: A comparison of USDA-HSI grant students to the general Hispanic student population. *Abstract presented as a poster at the 2014 North American Colleges & Teachers of Agriculture conference, Bozeman, MT.*

## Research Monographs and Technical Reports

N/A

## **Funded External Grants**

**Saucier, P. R., & Morrish, D. G.** (2014). Southwest agriculture and food security education: Preparing future leaders for a safe and secure U.S. food supply system. *United States Department of Agriculture-Hispanic Serving Institutions Program-NIFA*. Value: Year 1 = \$249,904.00; Total = \$998,856.00, **Principal Investigator**

Morrish, D. G., **Saucier, P. R.,** and Garza, N. R. (2013). Food safety and agroterrorism training: Education our future workforce. *United States Department of Agriculture-Hispanic Serving Institutions Program – NIFA*. Value: \$885,000.00, **Co- Principal Investigator**

Morrish, D. G., **Saucier, P. R.,** and Garza, N. R. (2013). Food safety and agroterrorism training: Education our future workforce. *United States Department of Agriculture-Hispanic Serving Institutions Program – NIFA*. Value: \$825,000.00, **Co- Principal Investigator**

Morrish, D. G., **Saucier, P. R.,** and Garza, N. R. (2012). Food safety and agroterrorism training: Education our future workforce. *United States Department of Agriculture-Hispanic Serving Institutions Program – NIFA*. Value: \$862,000.00, **Co-Principal Investigator**

## **Peer-Review Presentations/Posters**

### **Peer-Review Conference Paper Presentations**

**Saucier, P. R., & Langley, G. C.** (2016, October). An evaluation of the knowledge, performance, and consequence competence in a science, technology, engineering, and mathematics (STEM) based professional development for school-based agricultural science teachers: An assessment of a computer numerical control (CNC) plasma arc cutting workshop. *Paper presented at the 35<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Professional Development Conference*, Indianapolis, IN.

Geiken, K. B., & **Saucier, P. R.** (2014, October). Agricultural mechanics curriculum skill standards for U.S. agricultural science teachers: A Delphi study. *Paper presented at the 33<sup>rd</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Louisville, KY.

## Peer-Review Presentations/Posters

### Peer-Review Conference Paper Presentations (continued)

**Saucier, P. R.,** McKim, B. R., Stair, K. (2013, October). An examination of the agricultural mechanics laboratory management professional development needs of school-based New Mexico agriculture teachers. *Paper presented at the 32<sup>nd</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Louisville, KY.

**Saucier, P. R.** (2012, November). Barriers influencing Missouri school-based agricultural educators to avoid the instruction of agricultural mechanics curriculum. *Paper presented at the 2012 Association for Career and Technical Education Research Conference*, Atlanta, GA.

**Saucier, P. R.,** McKim, B. R., Muller, J. E., & Kingman, D. M. (2012, November). Assessing performance and consequence competence in a technology-based professional development for agricultural science teachers: An evaluation of the Lincoln Electric Welding Technology Workshop. *Paper presented at the 2012 Association for Career and Technical Education Research Conference*, Atlanta, GA.

**Saucier, P. R.,** & Krysher, S. (2012, October). Selected factors influencing Missouri school-based agricultural educators to instruct agricultural mechanics curriculum. *Paper presented at the 31<sup>st</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Indianapolis, IN.

**Saucier, P. R.** (2012, April). Selected factors influencing Missouri school-based agricultural educators to teach agricultural mechanics curriculum. *Paper presented at the 2012 Western Region – American Association for Agricultural Education Conference*, Bellingham, WA.

**Saucier, P. R.,** McKim, B. R., Muller, J. E., & Kingman, D. M. (2012, April). Assessing performance and consequence competence in a technology-based professional development for agricultural science teachers: An evaluation of the Lincoln Electric Welding Technology Workshop. *Paper presented at the 2012 Western Region – American Association for Agricultural Education Conference*, Bellingham, WA.

## Peer-Review Presentations/Posters

### Peer-Review Conference Research Poster Presentations

- Lewandowski, H., **Saucier, P. R.**, & Muller, J. E. (2017, June). An analysis of student safety education: Student safety habits in and out of the agricultural mechanics laboratory. *Poster presented at the 2017 International Society for Agricultural, Safety, and Health Conference*, Logan, UT.
- Riggin, E., **Saucier, P. R.**, Muller, J. E., & Langley, G. C. (2017, May). Professional development needs of early career Texas agricultural science teachers: A focus on agricultural mechanics skills. *Poster presented at the 2017 American Association for Agricultural Education Conference*, San Luis Obispo, CA.
- Holloway, C. D., Pierce, W. H., Roe, C. L., **Saucier, P. R.**, & Muller, J. E. (2016, October). An analysis of a professional development workshop for school-based agriculture teachers: A focus on the instruction of STEM-based metal fabrication processes. *Poster presented at the 35<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Indianapolis, IN.
- Lewandowski, H., **Saucier, P. R.**, & Muller, J. E. (2016, October). An analysis of student safety education: Student safety habits in and out of the agricultural mechanics laboratory. *Poster presented at the 35<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Indianapolis, IN.
- Riggin, E., **Saucier, P. R.**, & Muller, J. E. (2016, October). Professional development needs of early career Texas agricultural science teachers: A focus on agricultural mechanics. *Poster presented at the 35<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session*, Indianapolis, IN.
- Langley, G. C., & **Saucier, P. R.** (2016, July). Professional development needs of Texas school-based agricultural educators regarding CNC plasma cutting technology: A snapshot assessment method. *Poster presented at the 2016 Annual International Meeting of the American Society of Agricultural and Biological Engineers, Orlando, FL.*
- Saucier, P. R.**, & Langley, G. C. (2016, July). Assessing knowledge, performance, and consequence competence in a technology-based professional development for school-based agricultural educators: An evaluation of the CNC Plasma Cutting Technology Workshop. *Poster presented at the 2016 Annual International Meeting of the American Society of Agricultural and Biological Engineers, Orlando, FL.*
- Byrd, A. P., **Saucier, P. R.**, & Anderson, R. G. (2016, June). Secondary agricultural education student injuries and other accidents sustained in an agricultural mechanics laboratory. *Poster presented at the 2016 North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.*

## Peer-Review Presentations/Posters

### Peer-Review Conference Research Poster Presentations (continued)

- Langley, G. C., & **Saucier, P. R.** (2016, June). Professional development needs of Texas school-based agricultural educators regarding CNC plasma cutting technology: A snapshot assessment method. *Poster presented at the 2016 North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.*
- Saucier, P. R.**, Byrd, A. P., & Anderson, R. G. (2016, June). Laboratory management professional development needs of Iowa secondary agricultural education teachers. *Poster presented at the 2016 North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.*
- Saucier, P. R.**, & Langley, G. C. (2016, June). Assessing knowledge, performance, and consequence competence in a technology-based professional development for school-based agricultural educators: An evaluation of the CNC Plasma Cutting Technology Workshop. *Poster presented at the 2016 North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.*
- 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.*

## Peer-Review Presentations/Posters

## Peer-Review Conference Research Poster Presentations (continued)

**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 34<sup>th</sup> 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 34<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

Garcia, J., **Saucier, P. R.,** & Morrish, D. M. (2015, June). *Perceived barriers and supportive factors influencing Hispanic/Latino students at Texas State University*. Poster session presented at the 2015 North American Colleges and Teachers of Agriculture Conference, Athens, GA.

Roe, Casey L., & **Saucier, P. R.** (2015, June). *An examination of school-based Texas agriculture science teacher position announcements for the 2014-2015 academic school year: Are teachers prepared to meet these challenges?* Poster session presented at the 2015 North American Colleges and Teachers of Agriculture Conference, Athens, GA.

Geiken, K. B., & **Saucier, P. R.** (2014, October). *What skills should a new agriculture teacher be able to instruct in the agricultural mechanics laboratory? A national Delphi study*. Poster session presented at the 33<sup>rd</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

Peet, K., & **Saucier, P. R.** (2014, October). *Are biofuels the answer? A comparison of traditional D2 diesel fuel and biodiesel blended fuels in a Massey Ferguson 2615 farm utility tractor*. Poster session presented at the 33<sup>rd</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

Geiken, K., & **Saucier, P. R.** (2014, May). *Agricultural laboratory safety education exposure levels of students participating in the 2013 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show*. Poster session presented at the 2014 American Association for Agricultural Education Conference, Salt Lake City, UT.

**Saucier, P. R.,** McKim, B. R., & Spiess, M. (2014, May). *How safe are our laboratories for student learning? A focus on the professional development needs of California agricultural mechanics teachers*. Poster session presented at the 2014 American Association for Agricultural Education Conference, Salt Lake City, UT.

## Peer-Review Presentations/Posters



## **Peer-Review Conference Research Poster Presentations (continued)**

**Saucier, P. R., & Garcia, J. M.** (2013, October). *The physical health and lifestyle habits of Texas agriculture science teachers*. Poster session presented at the 32<sup>nd</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

Wenske, C., & **Saucier, P. R.** (2013, October). *Diesel fuel performance in a farm utility tractor: a comparison of traditional D2 diesel fuel and biodiesel blended fuels*. Poster session presented at the 32<sup>nd</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

**Saucier, P. R.** (2013, May). *Factors impacting the instructional curriculum choices of Missouri school-based agricultural mechanics educators*. Poster session presented at the 2013 American Association for Agricultural Education Conference, Columbus, OH.

Garcia, J. M., & **Saucier, P. R.** (2013, May). *The impact of work-related stress on the job performance of Texas agricultural science teachers*. Poster session presented at the 2013 American Association for Agricultural Education Conference, Columbus, OH.

**Saucier, P. R.,** McKim, B. R., & Swan, M. K. (2013, May). *Safely managing school-based agricultural mechanics laboratory: A focus on the continuing education needs of Washington agricultural education teachers*. Poster session presented at the 2013 American Association for Agricultural Education Conference, Columbus, OH.

**Saucier, P. R.,** McKim, B. R., Stair, K., & Rosencrans, C. (2012, May). *Meeting the professional development needs of New Mexico school-based agricultural educators: A focus on management of the agricultural mechanics laboratory*. Poster session presented at the 2012 American Association for Agricultural Education Conference, Asheville, NC.

**Saucier, P. R.,** McKim, B. R., Stair, K., & Rosencrans, C. (2012, May). *Meeting the professional development needs of New Mexico school-based agricultural educators: A focus on management of the agricultural mechanics laboratory*. Poster session presented at the 2012 Western Region of the American Association for Agricultural Education Conference, Bellingham, WA.

**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 34<sup>th</sup> National Agricultural Mechanics Committee Blue Ribbon Research Conference, Louisville, KY.

## **Peer-Review Presentations/Posters**

## **Peer-Review Conference Research Poster Presentations (continued)**

**Saucier, P. R., & McKim, B. R.** (2012, May). *Evaluating industry sponsored professional development education: A focus on the Lincoln Electric Welding Technology Workshop*. Poster session presented at the 2012 American Association for Agricultural Education Conference, Asheville, NC.

**Saucier, P. R., McKim, B. R., & Edney, K. C.** (2012, May). *Integrating science, technology, engineering, and mathematics (STEM) competencies into the Texas agricultural mechanics curriculum: A professional development model for school-based agricultural educators*. Poster session presented at the 2012 American Association for Agricultural Education Conference, Asheville, NC.

**Saucier, P. R. & McKim, B. R.,** (2012, May). *Evaluating industry sponsored professional development education: A focus on the Lincoln Electric Welding Technology*. Poster session presented at the 2012 American Association for Agricultural Education Conference, Asheville, NC.

**Saucier, P. R., McKim, B. R., & Edney, K. C.** (2012, April). *Integrating science, technology, engineering, and mathematics (STEM) competencies into the Texas agricultural mechanics curriculum: A professional development model for school-based agricultural educators*. Poster session presented at the 2012 Western Region for the American Association for Agricultural Education Conference, Bellingham, WA.

## **Work or Professional Experiences**

Assistant Professor of Agricultural Engineering Technology, Department of Agricultural Sciences, College of Science and Engineering Technology, Sam Houston State University, September 2015 to present

Assistant Professor of Agricultural Education/ Agricultural Systems Management, Department of Agriculture, College of Applied Arts, Texas State University, June 2010 to August 2015

Lecturer and Graduate Teaching Assistant, Department of Agricultural Education/ Agricultural Systems Management, College of Agriculture, Food, and Natural Resources, University of Missouri, September 2007 to May 2010

Lecturer and Graduate Teaching Assistant, Department of Agricultural Sciences, College of Arts and Applied Sciences, Sam Houston State University, August 2002 to December 2003; June 2004

Workshop Developer and Lecturer, University of Missouri, July 2009

Workshop Developer and Lecturer, Sam Houston State University, June 2007

## **Work or Professional Experiences (continued)**

Agricultural Science Teacher, C.E. King Middle/ High School, Sheldon Independent School District, Houston, TX, July 2005 to May 2007

Agricultural Science Teacher, City View High School, City View Independent School District, Wichita Falls, TX, July 2004 to June 2005

Agricultural Sciences Student Teacher, Klein Forest High School, Klein Independent School District, Houston, TX, January 2004 to May 2004

## **Honors and Awards**

**1<sup>st</sup> Place, Outstanding Research Paper**, 35<sup>th</sup> National Agricultural Mechanics Blue Ribbon Professional Development Conference, Indianapolis, IN. *An evaluation of the knowledge, performance, and consequence competence in a science, technology, engineering, and mathematics (STEM) based professional development for school-based agricultural science teachers: An assessment of a computer numerical control (CNC) plasma arc cutting workshop*, 2016.

**1<sup>st</sup> Place, Outstanding Research Poster**, 35<sup>th</sup> National Agricultural Mechanics Blue Ribbon Professional Development Conference, Indianapolis, IN. *Professional development needs of early career Texas agricultural science teachers: A focus on agricultural mechanics*, 2016.

**3<sup>rd</sup> Place, Distinguished Research Poster**, 35<sup>th</sup> National Agricultural Mechanics Blue Ribbon Professional Development Conference, *An analysis of a professional development workshop for school-based agriculture teachers: A focus on the instruction of STEM-based metal fabrication processes*, 2016.

**5<sup>th</sup> 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*, 2016.

**North American Colleges and Teachers of Agriculture, Teaching Award of Merit**, 2016

**1<sup>st</sup> Place, Outstanding Research Poster**, 34<sup>th</sup> National Agricultural Mechanics Blue Ribbon Professional Development Conference, Louisville, KY. *Career satisfaction of Texas school-based female agriculture mechanics teachers: An examination of influential factors*, 2015.

**3<sup>rd</sup> Place, Distinguished Research Poster**, 34<sup>th</sup> National Agricultural Mechanics Blue Ribbon Professional Development Conference, Louisville, KY. *An examination of the shortage of agricultural mechanics teachers in Texas: A review of desired employability characteristics by administrators and local school districts*, 2015.

## Honors and Awards (continued)

**3<sup>rd</sup> Place, Distinguished Innovative Idea Poster**, 34<sup>th</sup> 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.

**1<sup>st</sup> Place, Outstanding Research Manuscript**, 33<sup>rd</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session, Louisville, KY. *Agricultural mechanics curriculum skill standards for U.S. agricultural science teachers: A Delphi study*, 2014

**1<sup>st</sup> Place, Outstanding Research Poster**, 33<sup>rd</sup> National Agricultural Mechanics Committee Blue Ribbon Poster Session, Louisville, KY. *What skills should a new agriculture teacher be able to instruct in the agricultural mechanics laboratory? A national Delphi study*, 2014.

**North American Colleges and Teachers of Agriculture, Teaching Award of Merit**, 2014

**1<sup>st</sup> Place, Presidential Distinction Award for Scholarly/Creative Activity**, College of Applied Arts, Texas State University, 2014

**2<sup>nd</sup> Place, Distinguished Research Manuscript**, 32<sup>nd</sup> Annual National Agricultural Mechanics Professional Development Seminar, October 2013, Louisville, KY, *How safe are New Mexico agricultural mechanics programs?: An examination of the professional development needs of school-based New Mexico agriculture teachers' ability to safely manage agricultural mechanics laboratories*

**1<sup>st</sup> Place, Distinguished Research Poster**, 32<sup>nd</sup> Annual National Agricultural Mechanics Professional Development Seminar, October 2013, Louisville, KY, *The physical health and lifestyle habits of Texas agriculture science teachers*

**3<sup>rd</sup> Place, Distinguished Research Poster**, 32<sup>nd</sup> Annual National Agricultural Mechanics Professional Development Seminar, October 2013, Louisville, KY, *Diesel Fuel Performance in a Farm Utility Tractor: A Comparison of Traditional D2 Diesel Fuel and Biodiesel Blended Fuels*

**1<sup>st</sup> Place, Outstanding Conference Research Paper**, 30<sup>th</sup> 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*

## **Honors and Awards** (continued)

**3<sup>rd</sup> Place, Distinguished Research Manuscript**, 31<sup>st</sup> Annual National Agricultural Mechanics Committee Blue Ribbon Paper Research Seminar, October 2012, Indianapolis, IN, *Selected factors influencing Missouri school-based agricultural educators to instruct agricultural mechanics curriculum*

## **Other Competencies**

N/A