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# Whitney Figland

## Curriculum Vitae

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### **CONTACT INFORMATION**

Work Address:  
Texas A&M - Commerce  
153 AGET  
Commerce, TX

### **EDUCATION**

Ph.D.	<b>Louisiana State University</b> , May 2024 Agricultural and Extension Education Dissertation title: <i>Problem-Solving in the Preparation of Teachers for Agricultural Education: A Mixed Methods Study Investigating the Effect of Metacognitive Awareness and Cognitive Ability on Students Enrolled in an Introductory Agricultural Mechanics Course</i>
M.S.	<b>Louisiana State University</b> , May 2019 Agricultural and Extension Education Thesis title: <i>Investigating the Effects of Cognitive Diversity on the Small Gasoline Engines Problem Solving Ability of Undergraduate Students Enrolled in a Team-Based Learning Formatted Agricultural Mechanics Course</i>
B.S.	<b>Iowa State University</b> , May 2017 Agricultural and Life Sciences Education, Teacher Certification Magna Cum Laude

### **PROFESSIONAL EXPERIENCE**

Current –	<b>Assistant Professor</b> Agricultural Leadership, Education & Communication College of Agricultural Sciences & Natural Resources East Texas A&M University, Commerce, TX
<b><u>Courses Taught</u></b>	
<ul style="list-style-type: none"><li>▪ ALEC 579 – Field-Experience in Teaching</li><li>▪ ALEC 560 – Laboratory Management in CTE/SBAE</li><li>▪ ALEC 573 – Practicum in Teaching</li><li>▪ ALEC 571 – Program Development</li><li>▪ AGED 2301 – Introduction to Ag Education</li><li>▪ AMC 428 – Laboratory Management in SBAE</li><li>▪ AMC 315- Agri systems Technology Management</li></ul>	

- AMC 428 – Agricultural Safety
- AgEd 317 – Agricultural and Youth Leadership
- AgEd 471- Program of Instruction for Ag Education
- AMC 2303 – Agricultural Welding Techniques
- AgEd 465 - Student Teaching in Ag Ed

July 2022 –  
May 2024

**PhD Graduate Teaching and Research Assistant**

Department of Agricultural and Extension Education and  
Evaluation  
College of Agriculture  
Louisiana State University, Baton Rouge, LA

Courses Taught

- AEEE 2003- *Introduction to Agricultural Mechanics*
- AEEE 2004 – *Metals and Welding*

July 2020 –  
June 2022

**Agricultural Education Teacher**

French Settlement High School  
French Settlement, LA 70726

Courses Taught

- Agriscience 1
- Agriscience 2
- NCCER CORE
- NCCER Welding Level 1 (SMAW)
- NCCER Welding Level 2 (GMAW & GTAW)
- CITF Carpentry Level 1 (Basic)
- CITF Carpentry Level 2 (Advanced)

July 2019 –  
June 2020

**Agricultural Education Teacher**

Dutchtown High School  
Geismar, LA 70734

Courses Taught

- Agriscience 1
- Small Gasoline Engines
- Horticulture

August 2017 –  
May 2019

**Graduate Teaching Assistant**

Department of Agricultural and Extension Education and  
Evaluation  
College of Agriculture  
Louisiana State University, Baton Rouge, LA

Courses Taught

- AGRI 1001- *Introduction to Agriculture* – Fall 2017 and 2018
- AEEE 2003- *Introduction to Agricultural Mechanics* – Spring 2018 and 2019

**PROFESSIONAL HONORS AND AWARDS**

**Research Honors and Awards:**

- Distinguished Research Manuscript, National AAAE Research Conference – Manhattan, KS, 2024
- Journal Article of the Year, *Journal of Agricultural Education* - 2022
- Journal Article of the Year, Volume 70, *Journal of Southern Agricultural Education Research* – 2020
- Distinguished Poster Award, Southern Region AAAE Research Conference – Jacksonville, FL, 2018
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**Teaching Honors and Awards:**

- Teacher of the Month, February 2021
- Teacher of the Month, November 2021

**Other Professional Honors and Awards:**

- Outstanding Graduate Student, Department of Agricultural and Extension Education, Louisiana State University – Baton Rouge, LA, USA, 2023
- Outstanding Graduate Student, Department of Agricultural and Extension Education, Louisiana State University – Baton Rouge, LA, USA, 2019
- Outstanding Graduate Student, Department of Agricultural and Extension Education, Louisiana State University – Baton Rouge, LA, USA, 2018

**PEER-REFEREED JOURNAL ARTICLES**

**Figland, W.L.**, Roberts, R., Stair, K.S., & Burnett, M.F. (2025). A Case Study of Undergraduate Students' Experiences When Problem-Solving in a Teacher Preparation Course. *Journal of Agricultural Education*, 66(4), Article 21.

Komunjeru, B., **Figland-Cook, W. L.**, Englin, J., Roberts, R., & Stair, K. S. (2025). Advocating for agricultural education: A mixed methods examination on the role of opinion leadership on teachers' advocacy intentions. *Advancements in Agricultural Development*, 6(2), 14–27.

**Figland-Cook, W.L.**, Englin, Jacob, Roberts, R., Stair, K.S. (2025). Toward Globally Competent Teaching: A One-Year Retrospect on Agrisciences Teachers' Changes in Perspective after an International Experience. *Journal of Agricultural Education*.

Roberts, R., Stair, K. S., **Figland-Cook, W. F.**, & Jayaratne, K. S. U. (2024). Teaching Outside of the Margins: School-Based Agricultural Education Teachers' Perspectives on Globally Competent Teaching During an International Experience. *Journal of Agricultural Education*, 65(2), 145-159.

**Figland, W. L.**, Blackburn, J. J., Stair, K. S., & Burnett, M. F. (2023). Investigating the effects of cognitive style on the small gasoline engines content knowledge of undergraduate students in a flipped introductory agricultural mechanics course at Louisiana State University. *Journal of Southern Agricultural Education Research*.

**Figland, W. F.**, Blackburn, J. J., Stair, K. S., & Burnett, M. F. (2023). Investigating the effects of cognitive style on the small gasoline engines content knowledge of undergraduate students in a flipped introductory agricultural mechanics course at Louisiana State University. *Journal of Southern Agricultural Education Research*, 73, 1-15.  
<http://jsaer.org/2023/06/26/investigating-the-effects-of-cognitive-style-on-the-small-gasoline-engines-content-knowledge-of-undergraduate-students-in-a-flipped-introductory-agricultural-mechanics-course-at-louisiana-state-univer/>

Soler, O., O'Malley, A. M., **Figland, W. L.**, Richardson Gilley, M. A., Blackburn, J. J., Stair, K. S., & Roberts, R. (2022). Forecasting the academic performance of freshmen College of Agriculture students: Using goal orientations and academic efficacy as predictors. *Journal of Agricultural Education*, 63(4), 204-219.  
<https://doi.org/10.5032/jae.2022.04204>

**Figland, W. L.**, Blackburn, J. J., Stair, K. S., & Burnet, M. F. (2021). Investigating the effects of cognitive style diversity on the hypothesis generation and troubleshooting ability of undergraduate students enrolled in an introductory agricultural mechanics' course at Louisiana State University. *Journal of Agricultural Education*, 62(1), 156-169.  
<https://doi.org/10.5032.2021.01156>

**\*Article of the Year – Volume 63**

**Figland, W. L.**, Blackburn, J. J., & Roberts, R. (2020). Undergraduate students' perceptions of team-based learning during an introductory agricultural mechanics' course: A mixed methods study. *Journal of Agricultural Education*, 61(1), 262-276.  
<https://doi.org/10.5032/jae.2020.01262>

**Figland, W. L.**, Roberts, R., & Blackburn, J. J. (2020). Reconceptualizing problem solving: Applications for the delivery of agricultural education's comprehensive, three-circle model in the 21st Century. *Journal of Southern Agricultural Education Research*, 70(1), 1-20. <http://jsaer.org/wp-content/uploads/2020/09/70-Figland-Roberts-Blackburn.pdf>  
**\*Article of the Year – Volume 70**

**Figland, W. L.**, Blackburn, J. J., Smith, H. E., & Stair, K. S. (2019). What do they need? Determining differences in the classroom-based professional development needs of Louisiana agriculture teachers by years of teaching experience. *Journal of Agricultural Education*, 60(2), 173-189. <https://doi.org/10.5032/jae.2019.02173>

Stair, K. S., **Figland, W. L.**, Blackburn, J. J., & Smith, H. E. (2019). Describing the differences in the professional development needs of traditionally and alternatively certified agriculture teachers in Louisiana. *Journal of Agricultural Education*, 60(3), 262-276. <https://doi.org/10.5032/jae.2019.0326>

#### **PEER-REFEREED RESEARCH JOURNAL ARTICLES (IN REVIEW)**

**Figland, W.L.**, Roberts, R., Stair, K.S., & Burnett, M.F. (in review). Toward a Model of Problem – Solving: Predicting Students’ Problem-Solving Behavior in an Introductory to Agricultural Mechanics Course. *Journal of Agricultural Education*.

#### **PEER-REFEREED, PUBLISHED PROCEEDINGS (INTERNATIONAL)**

**Figland-Cook, W.L.**, Sini, Y.W., Roberts, R., Hynes, J.W., Briers, G.E., Edwards M.C. (2024, April 22 – 25). Enlightening Agricultural and Rural Development Specialists about the Potential of Animal-Powered Technology for the Global South: Insights from the Amish and Mennonite Communities [Oral Presentation Abstract]. Proceedings of the 2024 Association of International Agricultural and Extension Education (AIAEE) Conference, Orlando, Florida.

Roberts, R., Stair, K.S., **Figland, W. F.**, & Jayaratne, K.S.U. (2023, February, 5-7). Teaching outside of the margins: School-based agricultural education teachers’ perspectives on globally competent teaching during an international experience [Oral Presentation Abstract]. Proceedings of the 2023 Association for International Agricultural and Extension Education (AIAEE) Conference, Guelph, Ontario, Canada.

#### **PEER-REFERRED, PUBLISHED PROCEEDINGS (NATIONAL)**

**Figland, W.L.**, Roberts, R., Stair, K.S., & Burnett, M.F. (2025, May 19 - 22). A Case Study of Undergraduate Students’ Experiences When Problem–Solving for an Introductory Agricultural Mechanics Course [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2025 National Conference, Lubbock, TX, USA.

**Figland, W.L.**, Roberts, R., Stair, K.S., & Burnett, M.F. (2025, May 19 - 22). Toward a Model of Problem – Solving: Predicting Students’ Problem-Solving Behavior in an Introductory to Agricultural Mechanics Course [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2025 National Conference, Lubbock, TX, USA.

**Figland, W.L.**, Englin, J., Roberts, R., & Stair, K.S. (2024, February 4-6). Toward Globally Competent Teaching: A One-Year Retrospect on Agriscience Teachers’ Changes in Perspective after an International Experience [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2024 Southern Region Conference, Atlanta, GA, USA.

Komunjeru, B., **Figland, W.L.**, Roberts, R., & Stair, K.S. (2024, February 4 – 6). The Opinion Leadership Paradox: Examining the Role of Opinion Leadership on Teachers’ Intentions

to Advocate for Agricultural Education [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2024 Southern Region Conference, Atlanta, GA, USA.

**Figland, W. L.**, Blackburn, J. B., Roberts, R., & Burnett, M. F. (2023, May 15-18).

Investigating the effects of cognitive style on course motivation for students enrolled in a team-based learning formatted introductory agricultural mechanics course at Louisiana State University. Proceedings of the American Association for Agricultural Education (AAAE) 2023 Conference, Raleigh, NC.

Roberts, R., Stair, K.S., **Figland, W. F.**, & Jayaratne, K.S.U. (2023, May 15-18). Teaching outside of the margins: School-based agricultural education teachers' perspectives on globally competent teaching during an international experience. Proceedings of the American Association for Agricultural Education (AAAE) 2023 Conference, Raleigh, NC.

**Figland, W.L.**, Blackburn, J.J., Stair, K.S., & Burnett, M.F. (2020, May 18 – 21). Investigating the effects of cognitive style diversity on the hypothesis generation and troubleshooting ability of undergraduate students enrolled in an introductory agricultural mechanics' course at Louisiana State University. Proceedings of the American Association for Agricultural Education (AAAE) 2020 COVID-19 Virtual Conference.

**Figland, W. L.**, Roberts, R., & Blackburn, J. J. (2020, May 18-21). Reconceptualizing problem-solving: Applications for the delivery of agricultural education's comprehensive, three-circle model in the 21st century. Proceedings of the American Association for Agricultural Education (AAAE) 2020 COVID-19 Virtual Conference

**Figland, W. L.**, Blackburn, J. J., & Roberts, R. (2019, May 21-24). Undergraduate students' perceptions of team-based learning during an introductory agricultural mechanics course: A mixed methods study. Proceedings of the American Association for Agricultural Education (AAAE) 46th Annual Conference, Des Moines, IA, USA.

Richardson, M. A., **Figland, W. L.**, O'Malley, A., Soler, O., Stair, K. S., Blackburn, J. J., & Roberts, R. (2019, May 21-24). Fostering academic success for university agriculture students: The role of social self-efficacy on first-year grade point average. [Poster Abstract]. Proceeding of the American Association for Agricultural Education (AAAE) Conference, Des Moines, IA, USA.

Soler, O., O'Malley, A., **Figland, W. L.**, Richardson, M., Blackburn, J. J., Stair, K. S., & Roberts, R. (2019, May 21-24). I think I can! Utilizing goal orientations and academic efficacy to predict the academic performance of freshmen college of agriculture students. American Association for Agricultural Education (AAAE) 46th Annual Conference, Des Moines, IA, USA.

Soler, O., O'Malley, A. M., **Figland, W. L.**, Richardson, M. A., Stair, K. S., Blackburn, J. J., & Roberts, R. (2019, May 21-24). The role of living-learning communities and university agriculture students' retention. [Poster Abstract]. American Association for Agricultural Education (AAAE) Conference, Des Moines, IA, USA.

**Figland, W. L.**, & Blackburn, J. J. (2018, May 15-18) Flip the script! Implementing team-based learning in a post-secondary agricultural mechanics course [Poster Abstract]. American Association for Agricultural Education (AAAE) Annual Conference, Charleston, SC, USA.

Courter, K., **Figland, W. L.**, Blackburn, J. J., Stair, K. S., & Smith, H. E. (2018, May 15-18). Help! Determining the FFA and SAE professional development needs of Louisiana agriculture teachers by years of teaching experience [Poster Abstract]. Proceedings of the American Association for Agricultural Education (AAAE) 45th Annual Conference, Charleston, SC, USA.

**Figland, W. L.**, Blackburn, J. J., Smith, H. E., & Stair, K. S. (2018, May 15-18). What do they need? Determining differences in the classroom-based professional development needs of Louisiana agriculture teachers by years of teaching experience. American Association for Agricultural Education (AAAE) Conference, Charleston, SC, USA.

**Figland, W. L.**, Anderson, R. G. (2017, May 16-19). Agricultural mechanics skills possessed by post-secondary students prior to enrolling in an agricultural mechanics teaching methods course. American Association for Agricultural Education (AAAE) 44th Annual Conference, San Luis Obispo, CA, USA.

**Figland, W. L.**, Anderson, R. G. (2016, November 10-12). Agricultural mechanics skills possessed by pre-service agricultural education students. American Association for Agricultural Education North Central Region Research Conference, Kansas City, MO, USA.

#### **PEER-REFERRED, PUBLISHED PROCEEDINGS (REGIONAL)**

**Figland, W.L.**, Roberts, R., Stair, K.S., & Burnett, M.F. (2025, February 2-4). A Case Study of Undergraduate Students' Experiences When Problem-Solving for an Introductory Agricultural Mechanics Course [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2025 Southern Region Conference, Irving, TX, USA.

**Figland, W.L.**, Englin, J., Roberts, R., & Stair, K.S. (2024, February 4-6). Toward Globally Competent Teaching: A One-Year Retrospect on Agriscience Teachers' Changes in Perspective after an International Experience [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2024 Southern Region Conference, Atlanta, GA, USA.

Komunjjeru, B., **Figland, W.L.**, Roberts, R., & Stair, K.S. (2024, February 4 – 6). The Opinion Leadership Paradox: Examining the Role of Opinion Leadership on Teachers' Intentions to Advocate for Agricultural Education [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2024 Southern Region Conference, Atlanta, GA, USA.

**Figland, W. L.**, Blackburn, J. B., Roberts, R., & Burnett, M. F. (2023, February 5-7). Investigating the effects of cognitive style on course motivation for students' enrolled in a team-based learning formatted introductory agricultural mechanics course at Louisiana State University [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2023 Southern Region Conference, Oklahoma City, OK, USA.

Roberts, R., Stair, K.S., **Figland, W. F.**, & Jayaratne, K.S.U. (2023, February 5-7). Teaching outside of the margins: School-based agricultural education teachers' perspectives on globally competent teaching during an international experience [Oral Presentation Abstract]. American Association for Agricultural Education (AAAE) 2023 Southern Region Conference, Oklahoma City, OK, USA.

Soler, O., O'Malley, A., **Figland, W. L.**, Richardson, M., Blackburn, J. J., Stair, K. S., & Roberts, R. (2019, February 2-5). I think I can! Utilizing goal orientations and academic efficacy to predict the academic performance of freshmen college of agriculture students. American Association for Agricultural Education Southern Region Research Conference, Birmingham, AL, USA.

Soler, O., O'Malley, A., **Figland, W. L.**, Richardson, M., Blackburn, J. J., Stair, K. S., & Roberts, R. (2019, February 2-5). The role of living-learning communities on university agriculture students' retention. American Association for Agricultural Education Southern Region Research Conference, Birmingham, AL, USA.

**Figland, W. L.**, Blackburn, J. J., & Roberts, R. (2019, February 2-5). Undergraduate students' perceptions of team-based learning during an introductory agricultural mechanics course: A mixed methods study. American Association for Agricultural Education Southern Region Research Conference, Birmingham, AL, USA.

Richardson, M. A., **Figland, W. L.**, Soler, O., O'Malley, A., Blackburn, J. J., Stair, K. S., & Roberts, R. (2019, February 2-5). Fostering academic success for university agriculture students: The role of social self-efficacy on first-year grade point average [Poster Abstract]. American Association for Agricultural Education Southern Region Research Conference, Birmingham, AL, USA.

Courter, K., **Figland, W. L.**, Blackburn, J. J., Stair, K. S., & Smith, H. E. (2018, February 4-6). Help! Determining the FFA and SAE professional development needs of Louisiana agriculture teachers by years of teaching experience [Poster Abstract]. American Association for Agricultural Education Southern Region Research Conference, Jacksonville, FL, USA.

**\*Distinguished Poster Award**

**Figland, W. L.**, Blackburn, J. J., Smith, H. E., & Stair, K. S. (2018, February 4-6). What do they need? Determining differences in the classroom-based professional development needs of Louisiana agriculture teachers by years of teaching experience. American Association for Agricultural Education Southern Region Research Conference, Jacksonville, FL, USA.

**Figland, W. L.**, & Blackburn, J. J. (2018, February 4-6). Flip the script! Implementing team-based learning in a post-secondary agricultural mechanics course [Poster Abstract]. American Association for Agricultural Education Southern Region Research Conference, Jacksonville, FL, USA.

Stair, K. S., **Figland, W. L.**, Blackburn, J. J., & Smith, H. E. (2018, February 4-6). Describing the differences in the professional development needs of traditionally and alternatively certified agriculture teachers in Louisiana. American Association for Agricultural Education Southern Region Research Conference, Jacksonville, FL, USA.

## **POPULAR PUBLICATIONS**

**Figland, W. L.** (2018). Enhancing student learning through team-based learning. *The Agricultural Education Magazine*, 90(4), 19–20.  
[https://www.naae.org/profdevelopment/magazine/archive\\_issues/Volume90/2018%2001%20--%20Jan%20Feb.pdf](https://www.naae.org/profdevelopment/magazine/archive_issues/Volume90/2018%2001%20--%20Jan%20Feb.pdf)

## **INVITED PRESENTATIONS AND PROFESSIONAL DEVELOPMENT**

**Figland, W.L.** (2025, June). NexGen Welding Camp Lead Instructor. Held at Texas State University, San Marcos, TX.

**Figland, W.L.** (2023, July). Women in Welding Camp Lead Instructor. Held at Texas State University, San Marcos, TX.

**Figland, W.L.** (2022, July). Women in Welding Camp Lead Instructor. Held at Texas State University, San Marcos, TX.

**Figland, W.L.** (2022, November). Mission and Goals of Agricultural and Extension Education. Presentation for Introduction to Agricultural and Extension Education students at LSU.

**Figland, W. L.** (2018, November). Flipping Classrooms and Team-Based Learning: A New Approach to Active Learning in the Classroom. November meeting of the LSU College of Agriculture Teaching and Learning Academy.

**Figland, W. L.** (2018, June). Geaux Teach Ag! Careers in Agricultural Education. Presentation made for the Louisiana FFA members at State FFA Convention, Alexandria, LA.

## **DOCTORAL DISSERTATIONS**

Carrier, C., Ferand, N., Bowen, B., Milliken, B., **Figland, W.L.** (Anticipated Spring 2027).

Women's Pathways into Agricultural Mechanics: How Gender Stereotypes and Mentorship Shape Competency Beliefs and Influence Career Choices.

## **GRADUATE THESIS**

Lane, K., Salem, M., **Figland, W.L.**, Frost, K. (Anticipated Spring 2026). A Phenomenological Investigation Exploring Early Agricultural Educator's Experiences with Work-Related Stress.

Shu, S., Salem, M., **Figland, W.L.**, Clemons, B. (Anticipated Summer 2026). Exploring and Understand Undergraduate Students' Perceptions of Animal Euthanasia.

## **UNDERGRADUATE HONORS THESIS**

Barton, C., Salem, M., **Figland, W.L.** (Anticipated Spring 2026). Exploring Undergraduate Students' Perceptions of Agriculture.

## **CERTIFICATIONS**

- T-TESS Field-Supervisor Certification
- Louisiana Agritechnology Certification
- NCCER CORE Certification
- NCCER Welding Level I Certification
- NCCER Welding Level II Certification
- CITF Carpentry Level I Certification
- CITF Carpentry Level II Certification
- 4-Stroke Small Engine Certification

## **SERVICE TO THE PROFESSION**

### *Professional*

- Journal of Ag Systems, Technology, and Management Managing Editing Board Member, Current
- Southern Region Member Services Committee Member, Current
- Southern Region Teacher Education Committee Member, Current

### *University*

- QEP Committee Member, East Texas A&M University, Current

### *College of Agricultural Sciences and Natural Resources East Texas A&M University*

- Advisor, Ag Ambassadors, East Texas A&M University, Current
- Texas FFA Area V and VI Career Development Event (CDE) Superintendent, Current
- VATAT East Texas A&M CASNR Representative

### **National Level Service:**

- *Agricultural Mechanics CDE Judge* – 2015 National FFA Convention, Lexington, KY, USA.

- *Agricultural Mechanics CDE Judge* – 2014 National FFA Convention, Lexington, KY, USA.

### **State Level Service:**

#### **Texas**

- ETAMU LDE Invitational Coordinator – 2025, Commerce, TX, USA
- ETAMU LDE Invitational Coordinator – 2024, Commerce, TX, USA
- District and Area 5 & 6 Leadership Development Events Judge, Commerce, TX, USA
- ETAMU Area 5 & 6 Career Development Event Supervisor, Current

#### **Louisiana**

- *State Small Gasoline Engines CDE Judge* – 2023 Louisiana State FFA CDE, Baton Rouge, LA, USA.
- *State Agriscience Fair Judge* – 2022 Louisiana State FFA Convention, Alexandria, LA, USA.
- *Agriculture Demonstration Contest Judge* – 2022 4-H University, Baton Rouge, LA, USA.
- *State Agriscience Fair Judge* – 2021 Louisiana State FFA Convention, Alexandria, LA, USA.
- *Geaux Teach Ag Judge* – 2019 Louisiana State LDE, Baton Rouge, LA, USA.
- *Carpentry CDE Judge* – 2018 Louisiana State FFA CDE, Shreveport, LA, USA.
- *Prepared Speaking LDE Judge* – 2018 Louisiana State FFA LDE, Baton Rouge, LA, USA.
- *Gulf of Mexico Speech LDE Judge* – 2018 Louisiana State FFA LDE, Baton Rouge, LA, USA.
- *State Agriscience Fair Judge* – 2018 Louisiana State FFA Convention, Alexandria, LA, USA.
- *Agriculture Demonstration Contest Judge* – 2018 4-H University, Baton Rouge, LA, USA.
- *Area IV Small Gasoline Engines CDE Judge* – 2018 Louisiana State FFA CDE, Covington, LA, USA.
- *AgMagic Volunteer* – 2018 Louisiana 4-H, Baton Rouge, LA, USA.
- *Prepared Speaking LDE Judge* – 2017 Louisiana State FFA LDE, Baton Rouge, LA, USA.
- *Gulf of Mexico Speech LDE Judge* – 2017 Louisiana State FFA LDE, Baton Rouge, LA, USA.

#### **Iowa**

- *Iowa degree award Judge* – 2017 Iowa FFA Convention, Ames, IA, USA.
- *Ag Broadcasting CDE Judge* – 2016 Iowa FFA CDE, Ballard, IA, USA.
- *Agricultural Mechanics CDE Judge* – 2016 Iowa FFA State CDE, Ames, IA, USA.

### **GRANTS AND FUNDING**

- USDA NIFA \$300,000 Small Engine Laboratory Improvement - *Pending*
- USDA PDAL \$490,212 Experiences for Agriculture Teachers in Sustainable Agriculture, Food, & Environment – *Not Selected; Resubmitting*

## **TEACHING EVALUATIONS**

<b>Course</b>	<b>Semester Taught</b>	<b>Number of Students</b>	<b>Overall Course Evaluation</b>
AMC 424 – Agricultural Safety	S2	14	N/A
AMC – 428 – Laboratory Management	S1	8	N/A
ALEC 560 – Laboratory Management	S1	11	N/A
ALEC 571 – Program Development	MM25	8	4.50
AMC 2303 – Welding & Metal Fabrication	S25	11	4.87
AGED 465- Student Teaching in Ag Ed	S25	6	N/A
AMC 424 – Agricultural Safety	W25	28	4.67
AMC 315 – Introduction to Ag Mechanics	F24	15	4.85
AGED 471- Program of Instruction for Ag Education	F24	9	4.9
AGED 317 – Agricultural and Youth Leadership	F24	7	4.9
AEEE 2003 – Introduction to Agricultural Mechanics ( <i>Primary Instructor</i> )	S23	28	4.85
AEEE 4820 – Welding & Metal Fabrication*	S23	6	
AEEE 4101 – Instructional Design Teaching Assistant	S22	9	
AEEE 2003 – Introduction to Agricultural Mechanics*	S19	15	4.75
AGRI 1001 – Introduction to Agriculture*	F18	36	
AEEE 2003 – Introduction to Agricultural Mechanics*	S18	17	4.79
AGRI 1001 – Introduction to Agriculture*	F17	29	

*Note: \* represents primary instructor of course, but not instructor of record*

### **ACADEMIC PROGRAM DEVELOPMENT AND CURRICULUM PROJECTS**

- Developed team-based learning curriculum for AEEE 2003 – *Introduction to Agricultural Mechanics*, Louisiana State University (2017).
- Developed team-based learning curriculum for AEEE 2004 – *Introduction to Metal Fabrication and Welding*, Louisiana State University (2018).
- Designed and fabricated welding and metal fabrication shop for AEEE 2004 – Introduction to Metal Fabrication and Welding, Louisiana State University (2022).

### **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

- American Association for Agricultural Education (AAAE), 2017-present
- National Association of Agricultural Educators (NAAE), 2016–present
- Gamma Sigma Delta (Honor Society of Agriculture), 2016–present
- Louisiana Agriscience Teacher Association, 2017–2022
- Iowa Association of Agricultural Educators (IAAE), 2014–2017

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