

Chad Reynolds, Ph.D.

Assistant Professor of Agricultural Engineering Technology
School of Agricultural Sciences
Sam Houston State University
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I. Education

Doctor of Philosophy

August 2022

University of Missouri, Columbia, Missouri
Major: Agricultural Education
Concentration: Agricultural Systems Management
Advisors: Dr. John Tummons & Dr. Rebecca Mott

Master of Science

August 2018

Sam Houston State University, Huntsville, Texas
Major: Agriculture
Concentration: Agricultural Engineering Technology

Bachelor of Science

May 2017

Sam Houston State University, Huntsville, Texas
Major: Agricultural Engineering Technology
Minor: Secondary Education

II. Professional Experience

A. University Experience

Assistant Professor (Agricultural Engineering Technology)	Sam Houston State University School of Agricultural Sciences	September 2022 - Present
Lecturer (Agricultural Engineering Technology)	Sam Houston State University School of Agricultural Sciences	August 2020 – Aug. 2022
Graduate Teaching Assistant and Instructor	University of Missouri Department of Agricultural Systems Management	August 2018 – Dec. 2019

Graduate Teaching Assistant Sam Houston State August 2017 – May 2018
(Agricultural Engineering University Department of
Technology) Agricultural Sciences

B. Industry Experience

Ag-Pro	Sales Representative	January 2020 – Dec. 2020
	<ul style="list-style-type: none">• Represent the company for the sale of agricultural equipment to customers• Maintain sales management information for all customers• Maintain current product knowledge on features and benefits of equipment	
Washington County Tractor	Sales and Service Representative	March 2013 – Dec. 2016
	<ul style="list-style-type: none">• Directly established the company as a top 5% dealer for a manufacturer• Finished 3rd in overall sales for a preferred manufacturer in 2013 and 4th overall in 2014• Maintained customer relationships to generate continuous business	
Washington County Tractor	Service Technician	May 2009 - March 2013
	<ul style="list-style-type: none">• Assisted in the establishment of two new store locations• Developed inventory and assisted in inventory management• Performed mechanical operations on equipment including assembly, maintenance, and transportation	

C. Additional Relevant Professional Experience

Agricultural Science Student Teacher January 2017 – May 2017
A&M Consolidated High School
College Station, Texas 77840

D. Other Professional Credentials

Texas Educator Teaching Certificate State of Texas
Agriculture, Food & Natural Resources
May 2017 to Present

III. Teaching Experience

A. Courses Taught

Assistant Professor, Sam Houston State University, School of Agricultural Sciences,
(September 2022 – Present)

As an assistant professor, I prepared and presented curriculum and advised and mentored students for the following courses:

Agricultural Engineering Technology 3301 – Agricultural Power Units & Control Systems

Agricultural Engineering Technology 3350 – Plasma Arc Cutting Technology

Agricultural Engineering Technology 3380 – Agricultural Machinery

Agricultural Engineering Technology 3383 – Soil & Water Conservation Engineering

Agricultural Engineering Technology 4369 – Special Topic: Power Machinery
Management Practicum

Agricultural Engineering Technology 4385 – Applied Electronics-Hydraulics

Agricultural Engineering Technology 4387 – Agricultural Engines & Tractors

Agricultural Engineering Technology 4390 – Turf and Cropland Irrigation and Drainage

Agricultural Engineering Technology 4392 – Precision Technology Applications

Agricultural Engineering Technology 4393 – Renewable Energy Sources for Agriculture

Agricultural Sciences 5371 – Agricultural Safety & Health

Sustainable Agriculture and Food Environment 5331 – Sustainable Energy & Resources

Lecturer, Sam Houston State University, School of Agricultural Sciences, (August 2020 –
August 2022)

As a lecturer, I prepared and presented curriculum and advised and mentored students
for the following courses:

Agricultural Engineering Technology 3380 – Agricultural Machinery

Agricultural Engineering Technology 4369 – Special Topic: Power Machinery
Management Practicum

Agricultural Engineering Technology 4385 – Applied Electronics-Hydraulics

Agricultural Engineering Technology 4387 – Agricultural Engines & Tractors

Agricultural Engineering Technology 4392 – Precision Technology Applications

Agricultural Engineering Technology 4393 – Renewable Energy Sources for Agriculture

Agricultural Sciences 4371 – Agricultural Safety & Health

Career and Technology 4360 – Work-Based Mentorship

Instructor, University of Missouri, Department of Agricultural Systems Management,
(August 2019 – December 2019)

As an instructor, I prepared and presented curriculum and advised and mentored students for the following courses:

Agricultural Systems Management 1020 – Introduction to Agricultural Systems Management

B. Graduate Teaching Assistantships

Graduate Teaching Assistant, University of Missouri, Department of Agricultural Systems Management, (August 2018 – December 2019)

As a doctoral graduate teaching assistant, I assisted professors with preparing curriculum, teaching, grading, and advising students for the following courses:

Agricultural Systems Management 1020 – Introduction to Agricultural Systems Management

Agricultural Systems Management 2220 – Agricultural / Industrial Structures

Agricultural Systems Management 2320 – Internal Combustion Power

Agricultural Systems Management 2340 – Pesticide Application Equipment

Agricultural Systems Management 3350 – Problems in Agricultural Systems Management

Agricultural Systems Management 4140 – Electricity: Wiring and Equipment

Agriculture, Food and Natural Resources 2191 – International Agriculture and Natural Resources - Humanities

Graduate Teaching Assistant, Sam Houston State University, Department of Agricultural Sciences, (August 2017 – May 2018)

As a master-level graduate teaching assistant, I assisted professors with preparing curriculum, teaching, grading, and advising students for the following courses:

Agricultural Engineering Technology 2303 – Introduction to Agricultural Engineering Technology

Agricultural Engineering Technology 3383 – Soil & Water Conservation

Agricultural Engineering Technology 3386 – Agricultural Structures and Environmental Control Systems

Agricultural Engineering Technology 4381 – Advanced Agricultural Mechanics

Agricultural Engineering Technology 4384 – Fusing & Joining of Metals & Non-Metals

Agricultural Engineering Technology 4387 – Agricultural Engines & Tractor

Agricultural Engineering Technology 4390 – Turf & Cropland Irrigation & Drainage

C. Courses Developed

Agricultural Engineering Technology (AGET) 4369: Special Topic: Power Machinery Management Practicum

Catalog Course Description: Students explore the management of power machinery equipment including principles of operation; maintenance/service intervals, procedures, and techniques; power machinery safety; uses and purposes of power machinery; and power machinery best management practices.

Agricultural Systems Management (AGSM) 4360: Precision Agriculture Science and Technology

Catalog Course Description: Precision agriculture is an information-based approach to farming whereby variability is managed to optimize crop production and reduce environmental pollution. This course provides an overview of precision agriculture technologies (like GIS, GPS, remote sensing), mapping methods, and case studies illustrating decisions and management.

Agricultural Systems Management (AGSM) 4368: Profit Strategies Using Precision Agriculture Technology

Catalog Course Description: Course begins with section on how Precision Agriculture Technology can be used to benefit a farm's financial sustainability. Discussion of various types of farm operations and currently available Precision Agriculture Technology that is already developed and in use will be examined. The course continues by considering cost factors that create barriers for farm operators to adopt Precision Agriculture. The second half of the course will focus on developing a plan to implement various technologies into an existing farm operation and draft a business plan for cost, equipment, and transition the farm into using the following types of technologies, GPS, GIS, VRA, RS, RTK and other types of tracking and monitoring systems.

IV. Research

- Reynolds, C. A.**, & Saucier, P. R. (2023). Employability Skills of University-level Agricultural Engineering Technology Students: Are Students Ready for Success in the Power Machinery Industry? [Paper Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Conference, Indianapolis, IN.
- Cabrales, A., Saucier, P. R., & **Reynolds, C. A.** (2023). Mathematical Competence of FFA Members Competing at the Texas Agricultural and Mechanical Systems Career Development Event. [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Conference, Indianapolis, IN.
- Foster, M., Saucier, P. R., & **Reynolds, C. A.** (2023). A 20-Year Review of Demographic and Extracurricular Activity Involvement of Houston Livestock Show and Rodeo Agricultural Mechanics Project Show Participants. [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Conference, Indianapolis, IN.
- Foster, M., Saucier, P. R., & **Reynolds, C. A.** (2023). A 20-Year Review of Safety Education Exposure Levels of Texas School-based Agricultural Education Students at the Houston Livestock Show and Rodeo Agricultural Mechanics Project Show. [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Conference, Indianapolis, IN.
- Foster, M., Saucier, P. R., & **Reynolds, C. A.** (2023). Safety Education Exposure Levels of Students Participating in the 2023 Houston Livestock Show and Rodeo Agricultural Mechanics Project Show. [Poster Presentation]. Midwest Rural Agricultural Safety and Health Conference, Dubuque, IA.
- Saucier, P. R., **Reynolds, C. A.**, & Leamon, C. (2023). General Safety Conditions Found Within Selected Texas School-based Agricultural Mechanics Laboratories. [Poster Presentation]. Midwest Rural Agricultural Safety and Health Conference, Dubuque, IA.
- Saucier, P. R., **Reynolds, C. A.**, & Leamon, C. (2023). Personal Protection Equipment (PPE) Use in Selected Texas School-based Agricultural Mechanics Laboratories. [Poster Presentation]. Midwest Rural Agricultural Safety and Health Conference, Dubuque, IA.
- Reynolds, C. A.**, Tummons, J., & Mott, R. (2023). Barriers to Adoption of Precision Agriculture Competencies in Secondary Agriculture Education Programs: A Case Study [Paper Presentation]. American Society of Agricultural and Biological Engineers International Conference, Omaha, Nebraska.

Reynolds, C. A., & Saucier, P. R. (2023) Perceptions of School-Based Agricultural Science Teachers Ability to Provide Welding Certifications to Students [Paper Presentation]. American Society of Agricultural and Biological Engineers International Conference, Omaha, Nebraska.

Reynolds, C. A., & Saucier, P. R. (2023). Incorporating Power Machinery Management Practicum Course to Train Undergraduate Students in Agricultural and Construction Equipment Operation [Paper Presentation]. American Society of Agricultural and Biological Engineers International Conference, Omaha, Nebraska.

Saucier, P. R., **Reynolds, C. A.**, Hainline, M. S., Victoria, M., & Leamon, C. (2023). General Safety Conditions Found Within Selected Texas School-Based Agricultural Mechanics Laboratories [Paper Presentation]. American Society of Agricultural and Biological Engineers International Conference, Omaha, Nebraska.

Saucier, P. R., Victoria, M., **Reynolds, C. A.**, Hainline, M. S., & Leamon, C. (2023). Personal Protection Equipment (PPE) Use in Selected Texas School-Based Agricultural Mechanics Laboratories [Poster Presentation]. American Society of Agricultural and Biological Engineers International Conference, Omaha, Nebraska.

Reynolds, C. A. (2022). Barriers to Adoption of Precision Agriculture Competencies in Secondary Agriculture Education Programs [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, Indiana.

Reynolds, C. A., & Saucier, P. R. (2022). Perceptions of School-Based Agricultural Science Teachers Ability to Provide Welding Certifications to Students [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, Indiana.

Reynolds, C. A., & Saucier, P. R. (2022). Incorporating Power Machinery Management Practicum Course to Train Undergraduate Students in Agricultural and Construction Equipment Operation [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, Indiana.

Saucier, P. R., Victoria, M., **Reynolds, C. A.**, Hainline, M. S., & Leamon, C. (2022). Personal Protection Equipment (PPE) Use in Selected Texas School-Based Agricultural Mechanics Laboratories [Poster Presentation]. National Agricultural

Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, Indiana.

Saucier, P. R., Hainline, M. S., Victoria, M., **Reynolds, C. A.**, & Leamon, C. (2022). General Safety Conditions Found Within Selected Texas School-Based Agricultural Mechanics Laboratories [Poster Presentation]. National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, Indiana.

Reynolds, C. A., Tummons, J., & Mott, R. (2022). Barriers to Adoption of Precision Agriculture Competencies in Secondary Agriculture Education Programs: A Case Study [Poster Presentation]. American Association for Agricultural Education North Central Region Poster Session, Columbia, Missouri.

Reynolds, C. A., Saucier, P. R., & Langley, G. C. (2019). An Examination of the Agricultural Mechanics Professional Development Needs of Texas School-Based Agricultural Science Teachers. [Poster Presentation].

V. Professional Service

A. Community Service

Texas 4-H Association, Walker County 4-H Agricultural Mechanics Project Club, Co-Leader, 2022-2023, 2023-2024, & 2024-2025, Huntsville, TX

Texas FFA Association, State Agricultural Senior Skill Demonstration Leadership Development Event, Superintendent, December 2022, 2023, & 2024 Huntsville, TX

National FFA Organization, National Agricultural Technology and Mechanical Systems Career Development Event, Committee Member, October 2024, Indianapolis, IN

National FFA Organization, National Agriscience Fair, Judge, September 2024

Texas State University, Agricultural Mechanics Project Show, Judge, May 2024, San Marcos, TX

Texas FFA Association, State Applied Agricultural Engineering Career Development Event, Associate Superintendent, April 2022, 2023, & 2024, Huntsville, TX

Texas FFA Association, State Agricultural Technology and Mechanical Systems Career Development Event, Associate Superintendent, April 2021, & 2022, 2023, & 2024, Huntsville, TX

Blinn Junior College, Agricultural Mechanics Project Show, Judge, April 2022, 2023, & 2024, Brenham, TX

Area 3, 9, 11, & 12 FFA Association, Area Agricultural Technology and Mechanical Systems Career Development Event, Co-Superintendent, April 2021, & 2022, 2023, & 2024, Huntsville, TX

Sam Houston State University, Invitational Agricultural Technology and Mechanical Systems Career Development Event, Co-Superintendent, March 2022, 2023, & 2024, Huntsville, TX

Houston Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, Judge, March 2021, 2022, 2023, & 2024, Houston, TX

Robertson County Fair Association, Agricultural Mechanics Project Show, Judge, March 2024, Hearne, TX

San Antonio Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, University Student Assistants (USA's) Superintendent, February 2023 & 2024, San Antonio, TX

San Antonio Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, Judge, February 2021, 2022, 2023, & 2024, San Antonio, TX

San Antonio Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, Trailer DOT Inspection Committee, February 2021, 2022, 2023, & 2024, San Antonio, TX

Anahuac FFA Booster Club, Agricultural Mechanics Show, Judge, February 2024, Anahuac, TX

Area 6, 9, & 12 FFA Associations, Tractor Technician Career Development Event, Co-Superintendent, January 2024, Huntsville, TX

National FFA Organization, National Agricultural Technology and Mechanical Systems Career Development Event, Judge, October 2022, & November 2023 Indianapolis, IN

Texas Rice Festival, Agricultural Mechanics Build Off, Judge, September 2023, Winnie, TX

Area 3, 6, 9, & 12 FFA Associations, Tractor Technician Career Development Event, Co-Superintendent, January 2021, February 2022, & 2023, Huntsville, TX

Nueces County Junior Livestock Show – Junior Agricultural Mechanics Project Show, Judge, January 2022, & 2023, Corpus Christi, TX

Sam Houston State University, FFA Welding Contest, Judge, April 2021, Huntsville, TX

Missouri FFA Association, State Agriscience Fair, Judge, May 2019, Columbia, MO

Missouri FFA Association, State Agricultural Technology and Mechanical Systems Career Development Event, Co-Superintendent, April 2019, Columbia, MO

South Central District FFA Association, District Agricultural Technology and

Mechanical Systems Career Development Event, Co-Superintendent, April 2019, Rolla, MO

Texas FFA Association, State Agricultural Technology and Mechanical Systems Career Development Event, Judge, April 2018, Huntsville, TX

Area 9 FFA Association, Area Agricultural Technology and Mechanical Systems Career Development Event, Judge, April 2018, Huntsville, TX

Houston Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, Judge, March 2018, Houston, TX

San Antonio Livestock Show and Rodeo – Junior Agricultural Mechanics Project Show, Judge, February 2018, San Antonio, TX

Area 3, 6, & 9 FFA Associations, Tractor Technician Career Development Event, Judge, January 2018, Huntsville, TX

National FFA Organization, National Agricultural Technology and Mechanical Systems Career Development Event, Judge, October 2017, 2018, & 2019, Indianapolis, IN

Wharton County Youth Fair, Agricultural Mechanics Project Show, Judge, April 2017 & 2018, Wharton, TX

Madison County Fair, Agricultural Mechanics Project Show, Judge, March 2017, Madisonville, TX

B. Community Outreach

Applied Agricultural Engineering CDE: Tips & Tricks for Success Professional Development Workshop, Agriculture Teachers Association of Texas, Workshop Presenter, July 2023, Dallas, TX

Advanced Trailer Building Professional Development Workshop, Sam Houston State University, Workshop Facilitator, June 2023, Huntsville, TX

Briggs & Stratton Small Gas Engine Professional Development Workshop, Sam Houston State University, Workshop Facilitator, June 2023, Huntsville, TX

Women In Welding Professional Development Workshop, Sam Houston State University, Workshop Facilitator, June 2022 & 2023, Huntsville, TX

Bumper Pull Trailer Building 101 Professional Development Workshop, Sam Houston State University, Workshop Facilitator, September 2022, Huntsville, TX

Women in Welding Trailer Building Professional Development Workshop, Sam Houston State University, Workshop Facilitator, September 2022, Huntsville, TX

Welding Educator Training and Certification Professional Development Workshop, Sam Houston State University, Workshop Facilitator, December 2021, 2022, & 2023, Huntsville, TX

South Farm Showcase, University of Missouri, Precision Agriculture Technology Presenter, September 2019, Columbia, MO

Forage Systems Research Center Field Day, University of Missouri, Field Day Presenter, September 2019, Linneus, MO

Energy in Today's Classroom Professional Development Workshop, University of Missouri, Workshop Presenter, August 2019, Columbia, MO

Graves-Chapple Research Center Field Day, University of Missouri, Field Day Presenter, August 2019, Rock Port, MO

Western Farm Show, University of Missouri, Health & Safety Booth Representative, February 2019, Kansas City, MO

National FFA Convention, University of Missouri, ASABE Booth Representative, October 2018 & 2019, Indianapolis, IN

South Farm Showcase, University of Missouri, Health & Safety Booth Representative, September 2018, Columbia, MO

Missouri State Fair, University of Missouri, College of Agriculture Food & Natural Resources Recruitment Booth Representative, August 2018, Sedalia, MO

Trailer Building 101 Professional Development Workshop, Sam Houston State University, Workshop Presenter, June 2018, Huntsville, TX

Oxygen-Fuel Cutting & Welding/Plasma Arc Cutting Professional Development Workshop, Sam Houston State University, Workshop Presenter, September 2017, Huntsville, TX

Shielded Metal Arc Welding/Gas Metal Arc Welding Professional Development Workshop, Sam Houston State University, Workshop Presenter, September 2017, Huntsville, TX

C. Departmental Service

Sam Houston State University, Agricultural Engineering Technology Club, Faculty Co-Advisor, 2022-2023, 2023-2024, & 2024-2025

Sam Houston State University, School of Agricultural Sciences, Ag Ambassadors Committee, Committee Member, 2022-2023, 2023-2024, & 2024-2025

Sam Houston State University, School of Agricultural Sciences, Development & Facility Planning Committee, Committee Member, 2022-2023, 2023-2024, & 2024-2025

Sam Houston State University, School of Agricultural Sciences, Internships Committee, Committee Member, 2022-2023, 2023-2024, & 2024-2025

Sam Houston State University, School of Agricultural Sciences, Career Fair Committee, Chair Elect, 2023-2024, & 2024-2025

Sam Houston State University, School of Agricultural Sciences, Career Fair Committee, Committee Member, 2022-2023

Sam Houston State University, School of Agricultural Sciences, Preview@Sam, Agricultural Engineering Technology Program Presenter, November 2022

Sam Houston State University, Skills USA Texas District 7 Fall Leadership Conference, Agricultural Engineering Technology Program Presenter, October 2021, & November 2022

Sam Houston State University, School of Agricultural Sciences, Saturday@Sam, Agricultural Engineering Technology Program Presenter, September 2022, & February 2023

Sam Houston State University, School of Agricultural Sciences, ExCEL@Sam, Agricultural Engineering Technology Program Presenter, October 2021

University of Missouri, Agricultural Systems Management Club, Graduate Student Advisor, 2018-2019

University of Missouri, Alpha MU Honor Society, Honorary Member, 2018-2019

Sam Houston State University, Department of Agricultural Sciences, ExCEL@Sam, Agricultural Engineering Technology Program Presenter, October 2018

Sam Houston State University, Agricultural Engineering Technology Club, Graduate Student Advisor, 2017-2018

D. University Service

Sam Houston State University, College of Science and Engineering Technology, Fall Commencement, December 2023

Sam Houston State University, College of Science and Engineering Technology, Summer Commencement, August 2023

Sam Houston State University, College of Science and Engineering Technology, Spring Commencement, May 2023

Sam Houston State University, First-Generation Center, Trailblazer Mentoring Program Mentor, 2022-2023

Sam Houston State University, College of Science and Engineering Technology, Fall Student Convocation, August 2022 & 2023

E. Professional Service

American Society of Agricultural and Biological Engineers, EOPD-206: Agricultural Technology and Management Curriculum Review and Program Recognition Committee, Vice Chair, 2024-2025

American Society of Agricultural and Biological Engineers, EOPD-206: Agricultural Technology and Management Curriculum Review and Program Recognition Committee, Secretary, 2023-2024

American Society of Agricultural and Biological Engineers, E-06/1: KEYS Fund Management Committee, Committee Member, 2024-2025

American Society of Agricultural and Biological Engineers, EOPD-205: Engineering Technology and Management Education Committee, Committee Member, 2023-2024, & 2024-2025

American Association for Agricultural Education Western Region Research Conference, Poster Reviewer, Chico, CA. 2024

National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Poster Reviewer, Indianapolis, IN. 2022, 2023, & 2024

VI. Grants

A. Funded Internal Grants and Contracts = \$750.00

Reynolds, C., & Saucier, P. R., (2022). *Safety Exposure Levels of Texas School-based Agricultural Mechanics Students Participating in the Houston Livestock Show and Rodeo Agricultural Mechanics Project Show: A 20 Year Review*, Sam Houston State University, **Principal Investigator**, (Funded, \$750.00)

B. In-Kind Contributions = \$379,729.06

Sam Houston State University = \$372,235.06

Sam Houston State University, Mustang Caterpillar, Cash donations, Monthly Donation of \$4,000.00, Valued at \$48,000.00, January – December 2023

Mustang Caterpillar, Machinery Rental and Delivery for AGET 4369 Student Instruction, Fall 2023, Valued at \$37,662.55, August – December 2023

Lincoln Electric, Welding Electrodes and Welding Safety Packs, Valued at \$6,500.00, April 2023

Air Gas, Safety Gear and Compressed gasses, Valued at \$4,000.00, April 2023

NUCOR Corporation, C channel and Angle Iron, Valued at \$7,500.00, January 2023

Sam Houston State University, Mustang Caterpillar, Cash donations, Monthly Donation of \$4,000.00, Valued at \$48,000.00, January – December 2022

Mustang Caterpillar, Machinery Rental and Delivery for AGET 4369 Student Instruction, Spring 2022 \$27,175.93 and Fall 2022 \$33,026.45, Valued at \$60,202.38, January – December 2022

Lincoln Electric, Welding Electrodes, Welding Safety Packs, Real Weld Systems, Valued at \$130,302.00, September 2022

Air Gas, Compressed Gases for FFA Contest, Valued at \$840.00, April 2022

Mustang Caterpillar, Machinery Rental and Delivery for AGET 4369 Student Instruction, Fall 2021 Valued at \$29,228.13, September – December 2021

University of Missouri = \$7,494.00

Climate FieldView, 3 FieldView Drive Starter Kits & Map Anything Kits, Valued at \$4,497.00, May 2019

Climate FieldView, 3 FieldView Plus Subscriptions, Valued at \$2,997.00, May 2019

VII. Honors & Awards

1st Place, Outstanding Research Paper Presentation, National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, IN. *Employability Skills of University-level Agricultural Engineering Technology Students: Are Students Ready for Success in the Power Machinery Industry? 2023.*

1st Place, Outstanding Research Poster Presentation, National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, IN. *A 20-year Review of Safety Education Exposure Levels of Texas School-based Agricultural Education Students at the Houston Livestock Show and Rodeo Agricultural Mechanics Project Show, 2023.*

2nd Place, Distinguished Research Poster Presentation, National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, IN. *Mathematical Competence of FFA Members Competing at the Texas Agricultural and Mechanical Systems Career Development Event, 2023.*

2nd Place, Distinguished Research Poster Presentation, National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, IN. *Personal Protection Equipment (PPE) Use in Selected Texas School-Based Agricultural Mechanics Laboratories, 2022.*

2nd Place, Distinguished Innovative Idea Poster Presentation, National Agricultural Mechanics Professional Development Blue Ribbon Research Conference, Indianapolis, IN. *Incorporating Power Machinery Management Practicum Course to Train Undergraduate Students in Agricultural and Construction Equipment Operation, 2022.*