

Maureen Victoria

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PERSONAL STATEMENT

I began developing my teaching philosophy during my pre-service training at Texas State University in San Marcos. My experience as a school-based educator is rooted in four years as a teacher of agriculture science and specializing in agricultural mechanics courses. As an AFNR educator, I have coached students in various Career and Leadership Development events, supervised various Supervised Agricultural Experiences, and also had the opportunity to certify students with beginner-level industry certifications. While at the University of Missouri, I have also served as an educational technology liaison for many instructors and helped them use new technologies and applications in the classroom. I have a passion for teaching in the agricultural mechanics field, and I enjoy developing new teaching strategies that assist school-based teachers and their students. One of my professional and ethical goals is to advocate for school-based agricultural science teachers in pre-service and experienced positions, as the opportunities for research and service at the university level can significantly benefit teachers at a grassroots level.

CAREER GOALS

My career goal is to become a tenured professor of agricultural education. I hope to train future agriculture science teachers and professionals to become proficient in classrooms, laboratories, and any post-graduate career settings. I have found there is a call to increase proficiency in managing daily decisions and situations in the field. In addition, I hope to use my research interests to implement agricultural education initiatives and strategies to guide teachers in teaching youth with developmental disabilities, specifically the agricultural education and laboratory setting.

RESEARCH INTERESTS

Teaching Methods that Aid Special Needs Students in Successful Career Obtainment and Certification in Agricultural Mechanics Courses, Adult Education in New and Emerging Agricultural Technology, Teaching Methods that Produce Cognitive Success in Science Technology and Math Academics, and Diversity in the Agricultural Mechanics Teaching Field

EDUCATION

Ph.D. Agricultural Leadership, Education, and Communications

Graduation, May 2023– TEXAS A&M UNIVERSITY, College Station, TX

Completion of final examination- December 2022

Dissertation: “School-Based Welding Course Learning and Self-Determination Support Interventions for Students with Developmental Disabilities”

MS in Agricultural Systems Management

May 2015– UNIVERSITY OF MISSOURI, Columbia, MO
Thesis: “Agricultural Science Teachers and the Concern for Shielded Metal Arc Welding Ventilation Safety”

BS in Agricultural Education (Emphasis: Agricultural Mechanics)

May 2013– TEXAS STATE UNIVERSITY, San Marcos, TX
Teaching Certification: Agricultural Science 6-12

PROFESSIONAL EXPERIENCE

Current

Visiting Assistant Professor for Sam Houston State University. I am teaching AGED 4365.02- Student Teaching in Agricultural Education, AGED 4365 Methods in Teaching Agricultural Education, and ACOMM 3360 Communication Skills for Agriculturalists, Fall and Spring 2022, 2023, 2024

Fall UNIV 1101 (Fall 2023/2024), AGRI 1131, and AGRI 4201 courses, Fall 2023

Fall and Spring 2023 I taught AGET 2303.01- Intro to Agricultural Engineering Technology

Summer Mini, ACOMM 3360 Communication Skills for Agriculturalists, May 2023

Summer I, ACOMM 3360 Communication Skills for Agriculturalists, May & June 2023, May 2024

Summer II Agricultural Education 4388, Secondary Agricultural Education Program Management and Personal Leadership and Organizational Dynamics, Sam Houston State University, July 2022, 2023

Previous

Lecturer, Summer II, Agricultural Education Courses, Secondary Agricultural Education Program Management and Personal Leadership and Organizational Dynamics, Sam Houston State University, July 2022

Course Instructor, Agricultural Communications and Journalism Undergraduate Research Methods, Texas A&M University, January 2022- May 2022

Agricultural Science Teacher, Crosby ISD, August 2018- June 2019

Agricultural Science Teacher, Weimar ISD, July 2016- June 2018

Agricultural Science Teacher, Bastrop ISD, July 2015- May 2016

Graduate Teaching Assistant, Agricultural Systems Management, University of Missouri, August 2013- May 2015

Academic Technology Liaison, Archer Daniels Midland Agricultural Engineering Lab, University of Missouri, August 2014- May 2015

RESEARCH / FIELDWORK EXPERIENCE

- School-based welding course learning and self-determination support interventions for students with developmental disabilities- A mixed methods quasi-experimental study measuring the impact of an intervention on student skill application and self-determination.
- Agricultural communications focused outreach and programming, 2019-2022

- Guest Lecturer for ALEC Principles of Adult Education Undergraduate level course, Spring, 2020
- Student teaching block observation and development of lessons during micro-teaching labs, 2019
- Qualitative survey and data collection and analysis of wheat producers in the south-central United States, USDA-NRCS Grant, Summer 2019-Current
- Women in Welding Education Workshop Instructor, Sam Houston State University, September 2018
- Quantitative survey for thesis, University of Missouri

PUBLICATIONS, GRANTS, and SCHOLARLY WORK

1. Pugh, T., & **Victoria, M.** Parrella, J., Hainline, M. (2024). *Training AGvocates in Secondary Classrooms: Texas Agricultural Science Teachers' Needs for Integrating Agricultural Communications Curriculum into Current Instruction*. [Poster presentation]. American Association for Agricultural Education National Poster Session, Manhattan, Kansas, United States.
2. **Victoria, M** (lead), Hainline, M., Basith, I., Morgan-Olvera, A., (2024). *Development of an Agricultural Bio-security Curriculum in Texas Ag Science classrooms through teacher education/outreach, national integration into 4-H program and aims of extension into Southeastern United States*. USDA APHIS PPA Goal 5 **grant**.
3. Victoria, M., Murphy, T. H., Leggette, H.R., Briers, G.E., Montague, M.L. (2023). Supporting welding students with developmental disabilities: an instructional aid and teaching methods to assist students in operating oxy acetylene cutting equipment. *The Agricultural Education Magazine*, 96(3), 53.
https://www.naae.org/profdevelopment/magazine/archive_issues/Volume96/2023%2011%20--%20November%20December.pdf
4. Victoria, M., Murphy, T. H., Leggette, H.R., Briers, G.E., Montague, M.L. (2023). *Accommodations and modifications for students in the welding laboratory* [Conference presentation]. Agriculture Teachers Association of Texas. Dallas, Texas, United States.
5. Pugh, T., & **Victoria, M.** (2023). *Incorporating agricultural communications skills in the school-based agricultural education classroom: A Q-method study*. SHSU COSET undergraduate research **grant**.
6. Orem, M. L., Leggette, H. R., **Victoria, M.**, Foster, J., & Parrella, J. A. (2023, Feb. 5-6). *Understanding communication and information needs of U.S. wheat industry professionals*. [Poster presentation]. National Agricultural Communications Symposium, Oklahoma City, Oklahoma, United States.

7. Victoria, M., Murphy, T.H., Leggette, H.R., Briers, G.E., Montague, M.L. (2022). *School-based welding course learning and self-determination support interventions for students with developmental disabilities* [Dissertation]. Texas A&M University.
8. Brandon, J., Ullrich, D., **Victoria, M.** (2022, Sept 19-21). *Evaluation of Student Teacher Mentor Teachers and Placements: A Five-Year Retrospect* [Poster presentation]. American Association for Agricultural Education Western Region Poster Session, Las Cruces, New Mexico, United States.
9. Parrella, J., Leggette, H.R., **Victoria, M.**, Kainer, M., Orem, M. (2022, May 16-19). *Bon appétit: An investigation of the motivations underlying Texas college students' food choices* [Poster presentation]. American Association for Agricultural Education National Poster Session, Oklahoma City, Oklahoma, United States.
10. Victoria, M., Murphy, T., Leggette, H., Briers, G., & Montague, M., (2022, May 4). *Creation of instructional aids: An example of preparing teachers to teach skilled-trades*. [Paper presentation] Transformational Teaching and Learning Conference, College Station, TX, United States.
11. Victoria, M., Murphy, T.H., Leggette, H.R., Briers, G.E., Montague, M.L. (2022, February 13-15). *School-based welding course learning and self-determination support interventions for students with developmental disabilities* [Paper Presentation]. 2022 Southern region AAEE Conference, New Orleans, LA, United States.
12. Victoria, M., Leggette, H.R., Foster, J.L., Neely, H., Neely, C., Lofton, J., Lofton, J., Lewis, K., Parvej, R., Bekewe, P., Gyawali, A. (2021, August 9-10). *Soil health management adoption by wheat producers in the south-central United States* [Poster presentation]. Southern Family Farmers & Food Systems Conference, Texas State University, San Marcos, TX.
13. Victoria, M., Leggette, H.R., Foster, J.L., Neely, H., Neely, C., Lofton, J., Copes, J., Lewis, K., Bekewe, P., Gyawali, A. (2021, May 24-27). *Promoting soil sustainability in Texas, Oklahoma, and Louisiana through Communication and Education* [Poster presentation]. American Association for Agricultural Education National Poster Session, Virtual event.
14. Victoria, M., Murphy, T., Leggette, H. (2021, April 29). *Informing the development of teaching aids for workforce development skills in school-based agricultural mechanics: Supporting learning goals for students with learning disabilities* [Paper presentation]. 2021 Qualitative Research Conference, Texas A&M University, College Station, TX.
15. Victoria, M., Leggette, H.R., Foster, J.L., Neely, H., Neely, C., Lofton, J., Copes, J., Lewis, K., Bekewe, P., Gyawali, A. (2021, July 26-28). *Adopt what? Describing Louisiana wheat producers' level of adoption of soil health management practices*

[Poster presentation]. 76th Soil and Water Conservation Society International Annual Conference, Virtual event.

16. Victoria, M., H.R. Leggette, J.L. Foster, H. Neely, C. Neely, K. Lewis, P. Bekewe, and J. Parrella. (2021, March 29-April 2). *Adopt what? Describing Louisiana wheat producers' level of adoption of soil health management practices* [Poster presentation]. Texas A&M Student Research Week, College Station, TX, United States.
17. Victoria, M., H.R. Leggette, J.L. Foster, H. Neely, C. Neely, K. Lewis, P. Bekewe, B.J. Gerrish, and J. Parrella. (2020, July 27-29). *Minding the microbes: the adoption of soil health management techniques by Oklahoma wheat producers* [Poster presentation]. Soil and Water Conservation International Annual Conference, Des Moines, IA.
18. Victoria, M., H.R. Leggette, J.L. Foster, H. Neely, C. Neely, K. Lewis, P. Bekewe, B.J. Gerrish, and J. Parrella. (2020, February 2-3). *Measuring adoption of soil health practices by wheat producers in Texas* [Poster presentation]. National Agricultural Communications Symposium, Louisville.
19. Victoria, M., Schumacher, L., Zulovich, J., Funkenbusch, K., Kitchel, T. (2015). *Agricultural science teachers and the concern for shielded metal arc welding ventilation safety* [Unpublished masters thesis]. University of Missouri.

In Development

Submitted to Journal, Conference, or Program for Review

1. Pulley, J., **Victoria, M.** (2023). *Readiness, Training, And Education For Agricultural Skills And Literacy Success In Traditional Youth Education (R.E.A.L.I.T.Y)*. USDA Professional Development in Agricultural Literacy **Grant**.
2. Victoria, M., Leggette, H. R., Foster, J. L., Orem, M. L., Egbedi, P., Fultz, L. M., Lewis, K. L., Lofton, J., Neely, C., Neely, H. L., Parvej, M. R., Smith, P., Wang, Y., & Welch, J.M. (2022). Producers as soil health managers: Using the diffusion of innovation to explore the adoption of soil health management practices among wheat producers in the South-Central United States. *Journal of Agricultural Extension*.
3. Victoria, M., Parrella, J. A., Leggette, H. R., Orem, M., Foster, J., Neely, H., & Neely, C. (Submitted). Sorting out the details: A Q method study investigating wheat industry professionals' soil health management practices, information needs, and communication preferences. *Journal of Agroecology and Sustainable Food Systems*.

CORE SKILLS

- Instrument Development for Research

- Data Analysis using SPSS
- APA Citation and Writing
- Curriculum Development and Teaching
- Welding and Project Planning

HONORS / AWARDS

Texas FFA Honorary Lonestar Degree, 2024

Awarded for years of service as an FFA Chapter Advisor, Agricultural Education Professor, and assisting in FFA Members in the earning of Texas FFA State Lonestar Degree and National FFA American Degree.

SHSU Association of College and University Educators- Engaging Classrooms Fellow, 2023-2024. I was selected and currently participating in weekly learning modules that focus on various methods and strategies to improve teaching, learning, and engagement in the college classroom.

USDA E. Kika De La Garza Fellowship, 2023

I engaged with federal agency leaders within the USDA and faculty from all over the country who teach at Hispanic-serving institutions. We learned the needs of the USDA from research to teaching that will empower the future of the agricultural workforce.

MANRRS Region IV Three Minute Thesis Runner Up, 2021

Competed to represent Texas A&M University Minorities in Agriculture Natural Resources and Related Sciences National competition. Presentation of proposed dissertation idea in three minutes

TAMU MANRRS Local Three Minute Thesis Winner, 2021

Competed to represent Texas A&M University Minorities in Agriculture Natural Resources and Related Sciences regional cluster competition. Presentation of proposed dissertation idea in three minutes

Undergraduate Service Award, 2013

Awarded for serving in officer positions and promoting community service activities by the Agricultural Systems Management and the Texas State Collegiate FFA Chapters

MEMBERSHIPS / AFFILIATIONS

Minorities in Agriculture Natural Resources and Related Sciences, Texas A&M University, Community Service Chair 2021-2022

Graduate Student Association, Co-Chair, TAMU Agricultural Leadership, Education, and Communications 2020, 2021

Vocational Agricultural Science Teachers Association of Texas, Member 2015-Current

SERVICE

Judge- Texas Farm Bureau Agricultural Mechanics Grant Reviewer August 2024: Reviewed and scored 201 grant applications written by high school agricultural mechanics teachers and chose the top ten to be awarded funds for program improvement.

Judge- San Antonio Junior Agricultural Mechanics Show, February 2023, 2024: Served at the lead judge on a team of three to assess, score, and provide feedback to competitors regarding the agricultural mechanics project they have constructed.

Internship Coordinator, Spring 2023, 2024- Secured and coordinated internships for SHSU agricultural communications students in the Houston Livestock show and Rodeo Social Media division and Walton Livestreaming Services.

Judge- Texas Farm Bureau/ Heart of Texas Fair Agricultural Marketing Sales Pitch Competition, January 2024: Scored and asked 14 school-aged agriculture students questions about their pitch and engaged with a public audience.

Advisor- Grow with SHSU Ag, Spring 2023, Fall 2023, Spring 2024: A faith based agricultural organization.

Recruitment Material Development, Spring 2023-Designed and secured licensing for the draft and production for new School of Agricultural Sciences backdrops to be used as various recruitment events throughout the year.

Advisor- Agricultural Communicators of Tomorrow, 2022, 2023, 2024: Professional development coordination and leadership of agricultural communications members.

Texas FFA State LDE Contest Co-Coordinator, December 2023- Coordinated judges, materials, contest logistics, and technology for the state event. I also served as a liaison for judges and superintendents that needed navigation through critical and urgent issues. Facilitated the Spanish Creed holding room.

Star District FFA LDE Contest Chapter Conducting Judge, 2023

SHSU Collegiate FFA Fall 23'/Spring 24'- Co-Advisor
Guidance in membership recruitment and activities.

SHSU College of Science and Engineering Technology, August 2023- Faculty Representative at SHSU freshman convocation ceremony

SHSU Agricultural Communications Adjunct Faculty Search, Summer 2023-Committee Member

SHSU Student Awards Application Reviews, Spring 2023- Reviewer

I reviewed and scored 14 undergraduate and graduate student awards applications and ranked them for merit.

Montgomery County Farm Bureau speaking contest, Spring 2023- Judge. I spent the day listening, critiquing, and giving feedback to high school and junior high contestants who delivered public speeches about agricultural advocacy topics.

SHSU State CDE Contest, Spring 2023- Assistant Coordinator

I assisted the contest coordinator with set up and score tabulation/verification in headquarters.

SHSU State Applied Agricultural Engineering CDE, Spring 2023- Individual Cutting Skill Coordinator

I created and facilitated the individual oxy-acetylene cutting skill activity for student engagement and critical thinking during my portion of the contest.

SHSU Area ATMS Area CDE, Spring 2023- Individual Concrete Skill Coordinator

I created and facilitated the individual concrete skill activity and developed complex problems for student engagement and critical thinking during my portion of the contest.

SHSU ATMS Invitational CDE, Spring 2023- Individual Concrete Skill Coordinator

I created and facilitated the individual concrete tool ID activity and developed complex problems for student engagement and critical thinking during my portion of the contest.

Texas FFA State LDE “Job Interview” Contest Coordinator- Fall 2022

I coordinated the booking of 6 judges to review and score job interview materials for the state FFA Leadership Development Event. I also assisted the superintendent with calculation and classification of final scores for contestants.

Community Service Coordination for MANRRS- Fall 2021, Spring 2022

In the Fall, we helped to plant vegetables and clean up the surface area of the Howdy Farm for planting bed preparation. In the Spring, we participated in “The Big Event” and helped a local resident to clean and perform maintenance on their home.

Prospective Doctoral Student Interviews- Fall 2019, Spring 2021, Fall 2021, Spring 2022

I sat on a committee that interviewed prospective doctoral students seeking to enroll in the Agricultural Leadership, Education, and Communications Ph.D. program at Texas A&M University.

Guest lab instructor- Agricultural Communications and Journalism 281: Journalism Concepts in Agriculture 2019 & 2021

I Instructed students on editorial concept identification and boiler plate creation.

I Instructed students in news media portrayal and key concepts of storylines and their components.

Judge- Weimar FFA and District 4 Leadership Development Event contests 2018, 2019, 2021

Critiqued and provided feedback to junior and senior farm skills team members for improvement in future leadership development events.

Guest course instructor- Quantitative Research in Agricultural Communications and Education: Undergraduate Level Course 2021

I Instructed students and guided practice in the concepts related to experimental research design.

Morton Ranch FFA Battle in the Barn Spring 2019, 2021, 2022

Judged student showmanship and led students in a showmanship and show stock feeding clinic.

National Agricultural Mechanics CDE Volunteer Fall 2012, 2013, 2014

Assisted with contest set-up, coordination, and score entry. Facilitated undergraduate student volunteers.

Brazos FFA Tractor Tech CDE Volunteer Fall 2012

Assisted with set up, judging, and score management.

San Antonio Agricultural Mechanics Show Assistant Spring 2010, 2011, 2012

Assisted judges and score management.