

Bryan D. Rank

Curriculum Vita



EDUCATION

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|------------------------------|---|-------------|
| Doctor of Philosophy | Iowa State University Agricultural Education Research interest areas: Experiential learning and teacher education Dissertation: <i>Supervised agricultural experience instruction in agricultural teacher education: A national descriptive study</i> | August 2016 |
| Master of Science | Iowa State University Agricultural Education Creative Component: <i>Wildlife, Fisheries and Ecology Management Curriculum</i> | May 2013 |
| Bachelor of Science | Oklahoma Panhandle State University Agribusiness | May 1997 |
| Associate of Applied Science | Clarendon College Ranch and Feedlot Operations | May 1993 |

PROFESSIONAL EXPERIENCE

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| Associate Professor <i>Department of Agriculture and Tourism</i> College of Business and Economic Development Arkansas Tech University, Russellville, AR | <ul style="list-style-type: none">▪ Appointed Agriculture Program Director, Fall 2023▪ Principle Investigator, \$730,000.00 grant for agriculture lab equipment modernization https://www.arkansastechnews.com/730000-federal-grant-to-benefit-atu-agriculture/▪ Helped raise approximately \$500,000 to build a new agricultural mechanics laboratory https://www.arkansastechnews.com/atu-breaks-ground-on-farm-credit-agriculture-building/▪ Doctoral Dissertation Committee, outside committee member, K. Jourdan Palmeri, Murray State University | July 2023 to Present |
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Assistant Professor

August 2017 to July 2023

Department of Agriculture

College of Business and Economic Development
Arkansas Tech University, Russellville, AR

- CASE Institute Director
- Department strategic planning committee
- Curriculum and program revisions in Agricultural Education
- Developed the first faculty-led study abroad program offered in agriculture

Postdoctoral Associate

August 2016 to May 2017

Department of Agricultural Education and Studies

College of Agriculture and Life Sciences
Iowa State University, Ames, IA

Graduate Assistant

August 2014 to May 2016

Department of Agricultural Education and Studies

College of Agriculture and Life Sciences
Iowa State University, Ames, IA

Agricultural Science Teacher & FFA Advisor

July 2009 to July 2011

Marshall High School

and

Marshall Independent School District, Marshall, TX

August 2012 to June 2014

Agricultural Science Teacher & FFA Advisor

July 2011 to June 2012

Sulphur Bluff High School

Sulphur Bluff Independent School District, Sulphur Bluff, TX

INDUSTRY EXPERIENCE

Best Realty, Inc., Realtor

2005 to 2009

Billings, MT

- Specialized in ranch and rural properties
- New construction
- Ranch consulting

Super Star Properties, Inc., Realtor

2003 to 2005

Billings, MT

- Buyer and seller representation
- Real estate contracts

Basin Angus Ranch, Cowboy

2001 to 2003

Hobson, MT

- Stevenson/Basin was the largest seedstock producer in North America

- Artificial insemination
- Animal health
- Marketing registered cattle

Fairview Ranch, Assistant Ranch Manager

2000 to 2001

Big Timber, MT

- Embryo donor and recipient management
- Artificial insemination
- Animal health
- Marketing registered cattle
- Employee supervision

1999 to 2000

NER-Farms, Herdsman

Oconto, WI

- Embryo donor and recipient management
- Artificial insemination
- Animal health
- Marketing registered cattle
- Employee supervision

Forrest Nelson Ranch, Cowboy

1998 to 1999

Lakeside, NE

- Artificial insemination
- Herd health

Summer 1995

1993 to 1994

CRI Feeders, Feedlot Doctor

1996 to 1998

Guymon, OK

- 80,000 head feedlot
- Animal health
- Employee supervision

YOLO Ranch, Internship

Summer 1993

Prescott, AZ

TEACHING AND MENTORING

Arkansas Tech University

- AGED 1013, Agricultural Youth Organizations
- AGBU 2103, A Global Perspective: Resources, Food, and Society
- AGED 2203, Applied Agricultural Systems Technology
- AGAS 3021, Livestock Selection and Evaluation
- AGLE 3003, Personal Leadership Theory and Development
- AGLE 3013, Team Leadership and Organizational Change
- AGED 4044, Methods in Teaching Agriculture
- AGBU 4591, Undergraduate Research in Agricultural Business and Economics
- AGBU 4991, Special Problems in Agriculture

- AGBU 4973, Senior Seminar in Agricultural Business
- SEED 4909, Teaching in the Secondary School (Student Teacher Supervision)
- EDFD 6883, Workshop CASE Implementation.
- Environment and Culture in Costa Rica, Faculty Lead Study Abroad, 2019
- Bridge 2 Excellence, Mentor (14 students), 2018 - 2020
- Academic Adviser, (82 students), 2018 - Present
- Alpha Gamma Rho - Gamma Zeta Chapter, Adviser, 2018 - Present
- Pre-Vet Club – Adviser, 2020 - Present
- Rodeo Team – Adviser, 2022 - Present

Iowa State University, Postdoctoral Associate

- AgEdS 116, Initial Field Experience in Agricultural Education
- AgEdS 211A, Early Field Experience in Agricultural Education
- AgEdS 311, Presentation Strategies for Agricultural Audiences
- AgEdS 417, Supervised Teaching in Agriculture and Life Sciences
- AgEdS 550, Foundations of Agricultural Education (Distance Delivered Graduate Course)
- CFFA/Ag Ed Club, Adviser

Iowa State University, Graduate Teaching Assistant

- AgEdS 116, Initial Field Experience in Agricultural Education
- AgEdS 211A, Early Field Experience in Agricultural Education
- AgEdS 417, Supervised Teaching in Agriculture and Life Sciences
- AgEdS 550, Foundations of Agricultural Education (Distance Delivered Graduate Course)
- College of Agriculture and Life Sciences Ambassadors - Assistant Adviser

School-Based Agricultural Education Teaching and Mentoring

- Marshall FFA Adviser
- Sulphur Bluff FFA Adviser
- Courses Taught - Advanced Animal Science, Agribusiness Management and Marketing, Agricultural Mechanics and Metal Fabrication, Energy and Natural Resources Technology, Horticulture Science, Livestock Production, Practicum in AFNR (Advanced Welding), Principles of Agriculture Food and Natural Resources, Veterinary Medical Applications, and Wildlife, Fisheries and Natural Resources Management

SCHOLARLY PUBLICATIONS AND PRESENTATIONS

Refereed Journal Articles

Estep, C. M., **Rank, B. D.**, Johnson, A., & Wells, T. (2024). Perceived challenges facing Arkansas agricultural education over the next decade. *Journal of Southern Agricultural Education Research*, 74.

- Solomonson, J., Wells, T., **Rank, B.**, & Ugwuanyi, B. (2023). Factors influencing students' decisions to pursue agricultural degrees at non-land-grant colleges of agriculture. *The NACTA Journal*, 67(1). <https://doi.org/10.56103/nactaj.v67i1.147>
- Wells, T., Solomonson, J., Hainline, M., **Rank, B.**, Wilson, M., Rinker, S., & Chumbley, S. (2023). Technical agriculture skills teachers need to teach courses in the animal systems pathway. *Journal of Agricultural Education*, 64(3), 158-175. <https://doi.org/10.5032/jae.v64i3.117>
- Solomonson, J., Wells, T., Hainline, M., **Rank, B.**, Wilson, M., Rinker, S., & Chumbley, S. (2022). Technical agriculture skills teachers need to teach courses in the plant systems pathway. *Journal of Agricultural Education*, 63(3), 100-116. <https://doi.org/10.5032/jae.2022.03100>
- Wells, T., Hainline, M., **Rank, B.**, Sanders, K., & Chumbley, S. (2021). A regional study of the agricultural mechanics knowledge and skills needed by school-based agricultural education teachers. *Journal of Agricultural Education*, 62(2), 148-166. <http://doi.org/10.5032/jae.2021.02148>
- Smalley, S. W., & **Rank, B. D.** (2019). Preservice teacher perceptions of the role of an agriculture teacher during their early field experience. *Journal of Agricultural Education*, 60(2), 99-108. doi:10.5032/jae.2019.02099
- Wells, T., Smalley, S. W., & **Rank, B. D.** (2018). Early field experience course students' perceptions of school-based agricultural education laboratory environments. *Journal of Agricultural Education*, 59(3), 243-255. <https://doi.org/10.5032/jae.2018.03243>
- Rank, B. D.**, & Smalley, S. W. (2017). Students' perceptions of school-based agricultural education through an initial early field experience. *Journal of Agricultural Education*, 58(3), 310-322. <https://doi.org/10.5032/jae.2017.03310>
- Rank, B. D.**, & Retallick, M. S. (2017). Supervised agricultural experience instruction in agricultural teacher education programs: A national descriptive study. *Journal of Agricultural Education*, 58(2), 143-165. <https://doi.org/10.5032/jae.2017.03310>
- Rank, B. D.**, & Retallick, M. S. (2016). Synthesis of contemporary SAE research 1994 - 2014. *Journal of Agricultural Education*, 57(4), 131-145. <https://doi.org/10.5032/jae.2016.04131>

Refereed Papers, Abstracts, and Presentations

- Wells, T., Solomonson, J. K., Hainline, M. S., **Rank, B. D.**, Wilson, M., Rinker, S. P., & Chumbley, S. B. (2022, May). *What technical agriculture skills do teachers need to teach courses in the animal systems pathway?* Proceedings of the 2022 American Association for Agricultural Education Research Conference, 49. Oklahoma City, OK: 1043-1058.

- Solomonson, J. K., Wells, T., Hainline, M. S., **Rank, B. D.**, Wilson, M., Rinker, S. P., & Chumbley, S. B. (2022, May). *What technical agriculture skills do teachers need to teach courses in the plant systems pathway?* Proceedings of the 2022 American Association for Agricultural Education Research Conference, 49. Oklahoma City, OK: 1059-1074.
- Wells, T., Hainline, M. S., **Rank, B. D.**, Sanders, K. W., & Chumbley, S. B. (2020). What technical agricultural mechanics knowledge and skills are needed by school-based agricultural education teachers? *National AAAE Research Conference*.
- Rank, B. D.** & Wilson, M. S. (2020, June). *Introducing Employee Accountability in a Floriculture Laboratory*. Innovative teaching approaches oral presentation at the 2020 NACTA Conference, Las Cruces, NM.
- Rank, B. D.**, & Smalley, S. W. (2017). Students' perception of school based agricultural education through an initial early field experience. *Proceedings of the 2017 National Agricultural Education Research Conference*, San Luis Obispo, CA.
- Rank, B. D.**, & Retallick, M. S. (2016). Instructional level of the agricultural teacher education SAE competencies according to agricultural teacher educators. *Proceedings of the 2016 North Central Region Agricultural Education Research Conference*, West Lafayette, IN.

Refereed Poster Presentations

- Solomonson, J. K., Wells, T., **Rank, B. D.**, & Ugwuanyi, B. (2022, June). *What factors influence students' decisions to pursue agricultural degrees at non-land-grant colleges of agriculture?* Poster presented at the 68th Annual NACTA Conference. Wooster, OH.
- Rank, B. D.**, & Killingsworth, J. L. (2019, May). *Facilitating quality peer feedback for mini-lesson presentations in a teaching methods course*. Innovative ideas poster presented at National Agricultural Education Research Conference, Des Moines, IA.
- Rank, B. D.**, & Wells, T. (2018, October). *Incorporating a weld settings app into a university-level agricultural mechanics course*. Innovative ideas poster presented at North Central Region Agricultural Education Research Conference, Fargo, ND. **Received Distinguished Innovative Idea Poster Presentation.**
- Rank, B. D.**, & Smalley, S. W. (2017, May). *The photovoice process as a teaching method to facilitate communication and reflection in an initial early experience course*. Innovative ideas poster presented at National Agricultural Education Research Conference, San Luis Obispo, CA.
- Retallick, M. S., & **Rank, B. D.** (2016, June). *Using concept mapping to facilitate abstract conceptualization and reflective observation in a foundations of agricultural education graduate course*. Innovative teaching approaches poster presented at the 2016 NACTA Conference, Honolulu, HI.

Rank, B. D., & Retallick, M. S. (2016, May). *Instructional Level of the SAE Competencies According to Agricultural Teacher Educators*. Research poster presented at National Agricultural Education Research Conference, Kansas City, MO.

Rank, B. D., & Retallick, M. S. (2014, September). *Introduction to and exploration of SAE through a weekend SAE*. Innovative ideas poster presented at North Central Region Agricultural Education Research Conference, Morgantown, WV. **Received 1st Runner-up Outstanding Innovative Idea Poster Presentation.**

Non-Refereed Publications, Articles, and Posters

Broyles, T., Greene, D., & Pearson, D., (2024). *Would It Be More Cost Effective for Arkansas Tech to Plant Winter Crops to Extend Grazing Periods Using No-Till Practices?* **B. D. Rank**, Faculty Mentor. Research presentation at the Arkansas Tech University Research Symposium, Russellville, AR. **Winner, Online/Virtual Presentation Award**

Rank, B. D. (2020). Using the Miller Weld Settings Calculator app as a tool for higher-level thinking. *The Agricultural Education Magazine*, 92(6).

Hartzell, S., and **Rank, B. D.** (2019, March). *Personality as a predictor of academic achievement*. Undergraduate research presentation at Arkansas Tech University Undergraduate Research Symposium, Russellville, AR. **Received Undergraduate Research Honor Award**

Wing, I., Killingsworth, J. L., **Rank, B. D., & Brant, M.** (2018, March). *Relationship between concurrent enrollment and collegiate success*. Undergraduate research presentation at Arkansas Tech University Undergraduate Research Symposium, Russellville, AR.

Rank, B. D., & Retallick, M. S. (2015, March). *Synthesis of contemporary SAE research 1994 – 2014*. Oral presentation at 2nd Annual Graduate and Professional Student Senate Research Conference, Ames, IA.

Invited Presentations

Rank, B. D. & Crutchfield, N. (2021, October). *From the other side: School-based SAE, Research and Service -Learning*. 7th Annual School Farm Camp 2021 (virtual event). Gayaza, Uganda.

Haulmark, G. & **Rank, B. D.** (2021, May). *Faculty-Led Study Abroad – Make the World Your Classroom*. Professional development session given at the Arkansas Tech professional development day – Tech Talks, Russellville, AR.

Grey, H., Wise, S., Koch, R, **Rank, B. D., & Draper, B.** (2019, July). *SAE for all: When you know better, you do better*. Professional development workshop presented at the annual Arkansas Vocational Agriculture Teachers Conference, Hot Springs, AR.

- Wise, S., Grey, H., Koch, R, **Rank, B. D.**, & Draper, B. (2019, July). *SAE for All: Foundational SAE*. Professional development workshop presented at the annual Arkansas Vocational Agriculture Teachers Conference, Hot Springs, AR.
- Aulgur, J., Kraft, G., **Rank, B. D.**, Thibodeaux, J., Van Houtte, P., & West, S. (2019, May). *Not the best college teachers... Yet*. Professional development session given at the Arkansas Tech professional development day – Tech Talks, Russellville, AR.
- Rank, B. D.** (2019, February). *Beef cattle trait selection and breeding*. Guest lecture given to advanced animal science students at Wonderview High School, Hattieville, AR.
- Rank, B. D.** (2019, February). *Study abroad opportunities at Arkansas Tech University*. Guest lecture given to CTE students at Wonderview High School, Hattieville, AR.
- Rank, B. D.**, & Holland, B. (2018, September). *Parliamentary procedure fundamentals*. Guest lecture given to the September professional development meeting of Sigma Alpha, Arkansas Tech Chapter, Russellville, AR.
- Brant, M., Killingsworth, J. L., & **Rank, B. D.** (2018, July). *Marketing plan*. Professional development workshop presented at the annual Arkansas Vocational Agriculture Teachers Conference, Hot Springs, AR.
- Killingsworth, J. L., & **Rank, B. D.** (2018, July). *Agricultural mechanics swapshop*. Professional development workshop presented at the annual Arkansas Vocational Agriculture Teachers Conference, Hot Springs, AR.
- Killingsworth, J. L., & **Rank, B. D.** (2017, July). *Agricultural mechanics workshop*. Professional development workshop delivered at the annual Arkansas Vocational Agriculture Teachers Conference, Hot Springs, AR.
- Eddy, M., Zelle, R., Bloom, M., Bayes, V., **Rank, B. D.**, & Smalley, S. W. (2017, March). *Iowa State University C.A.S.E. curriculum preservice teacher workshop*. Seminar and Workshop for preservice agriculture teachers in the Department of Agricultural Education and Studies at Iowa State University, Ames, IA.
- Rank, B. D.** (2016, October). *An introduction to FFA proficiency award and degree applications*. Guest lecture given to students enrolled in AgEdS 401/501 at Iowa State University, Ames, IA.
- Rank, B. D.** (2016, September). *Early field experience in agricultural teacher education*. Guest lecture given to students enrolled in AgEdS 110 at Iowa State University, Ames, IA.

Bloom, M., Remington, J. C., & **Rank, B. D.** (2016, July). *Introduction to Curriculum for Agricultural Science Education (CASE)*. Presentation given to attendees at the Urban-Ag Academy Conference, Ames, IA.

Rank, B. D. (2016, April). *Elements of an exceptional program in agricultural teacher education*. Departmental Seminar presented to the Department of Agricultural Education and Studies at Iowa State University, Ames, IA.

Rank, B. D. (2015, October). *An introduction to FFA proficiency award and degree applications*. Guest lecture given to students enrolled in AgEdS 401/501 at Iowa State University, Ames, IA.

Rank, B. D. (2012, June). *Vernier animal science labs*. Workshop conducted for participants at the Region 8 Education Service Center CTE Conference, Mount Pleasant, TX.

Rank, B. D. (2006, May). *Vertical integration potential for beef production on the Crow Reservation*. Guest lecture given to the annual meeting of the Crow Nation Landowners' Association, Crow Agency, MT.

GRANTS AND PROJECT FUNDING

Funded

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| Arkansas Tech University Undergraduate Research Grant – 2024-2025 | \$ 1,400.00 |
| Arkansas Tech University Agricultural Learning Laboratories Enhancement and Modernization (Congressional Appropriation - Congressman Womack FY2023, appropriated in FY2023 omnibus package) | \$ 730,000.00 |
| Corteva Agriscience CASE Implementation Grant - 2019 | \$ 3,500.00 |
| Arkansas Tech University Undergraduate Research Proposal – 2019-2020 | \$ 1,800.00 |
| Arkansas Tech University Undergraduate Research Proposal – 2018-2019 | \$ 2,000.00 |
| DuPont Pioneer CASE Grant Program - 2018 | \$ 3,000.00 |
| Iowa State University C.A.S.E. Curriculum Preservice Teacher Workshop, 2017 | \$ 1,000.00 |
| ▪ Monsanto Student Development Fund | \$ 750.00 |
| ▪ Graduate and Professional Student Senate | |
| <u>Total Funded</u> | <u>\$ 743,450.00</u> |

Not Funded

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| Arkansas Tech University Undergraduate Research Proposal - 2017 | \$ 2,825.77 |
| NIFA Capacity Building Grant | \$148,827.00 |

Building the Teaching and Scholarship Capacity of School-Based Agricultural Educators Through an Online Master’s Program of Study

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| IDEAS Grant (Selected as an alternate) Global Educator Faculty Development Program | \$ 34,998.00 |
| USDA Cooking & Agriculture Kitchen Experience (CAKE) A Farm to Table Camp | \$ 50,000.00 |
| Arkansas Tech University Innovation Grant FY2022 | \$ 67,400.00 |
| NSF – Collaboration with Boston College Cultivating the National Bioeconomy through Sustainable Tissue Engineering Research and Education | \$ 982,621.00 |
| <u>Total Not Funded</u> | <u>\$ 1,286,671.77</u> |

Submitted - In Review

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| NSF - ITEST Developing and Testing Innovations [DTI]: Growing the National Agricultural and Biotechnology Workforce Through Tissue Engineering. Collaboration with Boston College, total grant \$1,287,689. | \$ 516,944.00 |
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SERVICE AND OUTREACH

Non-Land-Grant Agricultural and Renewable Resources Universities

- NARRU Board of Directors, *Director-at-large*, elected 2024

Arkansas Tech University

- University Athletics Committee, *Member*, 2023 - Present
- BUAD Search Committee, *Member*, 2023
- Animal Science Faculty Search Committee, *Chair*, 2023
- International Travel Advisory Council, *Member*, 2022 - Present
- Rodeo Team – *Adviser*, 2022 - Present
- Institution Review Board, *Member*, 2021- Present; *Vice Chair*, 2022; *Chair*, 2023-2024
- Leadership Tech – Cohort 5, *Member*, 2021 - Present
- Agriculture Department Head Search Committee, *Member*, 2021
- TESS Director – College of Education Search Committee, *Member*, 2021
- Agriculture Department Head Search Committee, *Member*, 2020
- Agribusiness Faculty Search Committee, *Member*, 2020
- Animal Science Faculty Search Committee, *Member*, 2020
- Pre-Vet Club – *Adviser*, 2020 - Present
- Animal Science Faculty Search Committee, *Member*, 2019
- Agribusiness Faculty Search Committee, *Member*, 2019
- Curriculum for Agricultural Science Education (CASE) Institute, Arkansas Tech *CASE Director*, 2018 - Present

- Gamma Zeta Chapter of Alpha Gamma Rho, *Adviser*, 2018 - Present
- Center for Community Engagement and Academic Outreach, *Faculty Liaison*, 2018 - 2021
- Dean Search Committee, College of Education, *Member*, 2017 - 2018
- Sustainability Program Development Committee, *Member*, 2017 - 2019
- Graduate Faculty, *Member*, 2017 - Present

Pope County Extension Council

- Pope County Extension Council, *Member*, 2017 - 2021
- Agriculture Standing Committee, *Member*, 2017 - Present

Curriculum for Agriculture Science Education (CASE)

- National CASE Advisory Committee, *Member*, 2018 - Present
- *Affiliated Professor*, 2017 - Present

National Council for Agricultural Education

- SAE Advisory Committee, *Member*, 2018 - 2021

Wonderview School District, Hattieville, AR

- Career and Technical Education Advisory Board, *Member*, 2018 - 2022

Van Buren School District, Van Buren, AR

- Career and Technical Education Advisory Board, *Member*, 2018 - Present

American Association for Agricultural Education (AAAE)

- American Association for Agricultural Education (AAAE) Research Conference, Manhattan, KS. *Manuscript Reviewer*, May 2024
- American Association for Agricultural Education (AAAE) Research Conference, Raleigh, NC. *Manuscript Reviewer*, May 2023
- American Association for Agricultural Education (AAAE) Research Conference, Raleigh, NC. *Poster Reviewer*, May 2023
- Southern Region American Association for Agricultural Education (AAAE) Research Conference, Oklahoma City, OK. *Manuscript Reviewer*, February 2023
- American Association for Agricultural Education (AAAE) Research Conference, Oklahoma City, Oklahoma, *Manuscript Reviewer*, May 2022
- Southern Region American Association for Agricultural Education (AAAE) Research Conference, New Orleans, LA, *Poster Reviewer*, February 2022

- American Association for Agricultural Education (AAAE) Research Conference, Oklahoma City, Oklahoma, *Poster Reviewer*, May 2022
- Southern Region American Association for Agricultural Education (AAAE) Research, Online, *Manuscript Reviewer*, February 2021
- American Association for Agricultural Education (AAAE) Research Conference, Des Moines, IA, *Manuscript Reviewer*, May 2021
- Southern Region American Association for Agricultural Education (AAAE) Research Birmingham, AL, *Manuscript Reviewer*, February 2020
- American Association for Agricultural Education (AAAE) Research Conference, Des Moines, IA, *Manuscript Reviewer*, May 2020
- North Central Region American Association for Agricultural Education (NCAAAE) Research Conference, East Lansing, MI, *Poster Reviewer*, October 2019
- American Association for Agricultural Education (AAAE) Research Conference, Des Moines, IA, *Manuscript Reviewer*, May 2019
- American Association for Agricultural Education (AAAE) Research Conference, Des Moines, IA, *Poster Reviewer*, May 2019
- Southern Region American Association for Agricultural Education (AAAE) Research Birmingham, AL, *Manuscript Reviewer*, February 2019
- American Association for Agricultural Education (AAAE) Research Conference, Charleston, NC, *Manuscript Reviewer*, February 2018
- American Association for Agricultural Education (AAAE) Research Conference, Charleston, NC, *Poster Reviewer*, May 2018
- Southern Region American Association for Agricultural Education (AAAE) Research Conference, Jacksonville, FL, *Manuscript Reviewer*, February 2018
- Southern Region American Association for Agricultural Education (AAAE) Research Conference, Jacksonville, FL, *Poster Reviewer*, February 2018
- American Association for Agricultural Education (AAAE) North Central Region Research Conference, Ames, IA, *Manuscript Reviewer*, September 2017
- American Association for Agricultural Education (AAAE) Research Conference, San Luis Obispo, CA, *Poster Reviewer*, May 2017

- North Central Region American Association for Agricultural Education (NCAAAE) Research Conference, West Lafayette, IN, *Poster Reviewer*, October 2016
- American Association for Agricultural Education (AAAE) Research Conference, Kansas City, MO, *Poster Reviewer*, May 2016
- American Association for Agricultural Education (AAAE) Research Conference, San Antonio, TX, *Session Facilitator*, May 2015

National FFA Organization

- National Agriscience Fair, Social Systems, *Judge*, 2017, 2018, 2019
- Creed Speaking CDE, *Judge*, 2011

Arkansas FFA Association

- Arkansas FFA Agriscience Fair, Co-Facilitator, Judge, 2022
- Northwest District CDE Contest, Faculty Liaison 2018 - present

Iowa State University

- Graduate and Professional Student Senate, *Senator*, 2015-2016

ISU College of Agriculture and Life Sciences

- College of Agriculture and Life Sciences Technology Advancement Committee, *Committee Member*, 2015-2016
- Science with Practice, *Poster Judge*, 2014, 2015, 2016
- College of Agriculture and Life Sciences Ambassadors, Assistant Adviser, 2015-2016

ISU Department of Agricultural Education and Studies

- Teacher Education Curriculum Committee, *Committee Member*, 2016-2017
- Departmental Governance Committee, *Committee Member*, 2016-2017
- Student teacher lesson plan tuning protocol, *Facilitator*, 2014, 2015, 2016, 2017

State Science and Technology Fair of Iowa (SSTFI)

- FFA Agriscience Fair, *Judge*, 2015, 2016
- Junior High Division, *Judge*, 2015, 2016

Texas FFA Association

- Star in Agribusiness, *Judge*, 2013
- State Proficiency Awards, *Judge*, 2010, 2011, 2012

Marshall Independent School District

- District Improvement Committee, *Committee Member*, 2012-2013, 2013-2014
- High School Campus Improvement Committee, *Committee Member*, 2012-2013, 2013-2014

PROFESSIONAL DEVELOPMENT

Meetings, Conferences, and Workshops Attended

1. Non-Land Grant Agricultural and Renewable Resources Universities (NARRU) Annual Conference, Maryville, MO, September 2024
2. American Association for Agricultural Education (AAAE) Annual Meeting. Manhattan, KS, May, 2024
3. Alpha Gamma Rho Top Leader's Institute. Kansas City, MO, December 2023
4. American Association for Agricultural Education (AAAE) Annual Meeting. Oklahoma City, OK, May, 2022
5. Alpha Gamma Rho Adviser Forum. Kansas City, MO, March, 2022
6. Global Learning in Agriculture Virtual Conference, February, 2022
7. American Association for Agricultural Education (AAAE) Annual Meeting. Des Moines, IA (Virtual), May, 2021
8. Global Learning in Agriculture Virtual Conference, February, 2021
9. American Association for Agricultural Education (AAAE) Annual Meeting. Oklahoma City, OK (Virtual), May, 2020
10. North American Colleges and Teachers of Agriculture, Las Cruces, NM (Virtual), June 2020
11. Global Learning in Agriculture Virtual Conference, February, 2020
12. Arkansas Vocational Agriculture Teacher Association Summer Conference. Hot Springs, AR, July, 2019
13. EF College Study Tours Orientation and Development Seminar, Paris, France, January, 2019
14. Alpha Gamma Rho National Convention, New Orleans, LA, August, 2018
15. Arkansas Vocational Agriculture Teacher Association Summer Conference. Hot Springs, AR, July, 2018
16. Alpha Gamma Rho Adviser Forum. Kansas City, MO, June, 2018

17. American Association for Agricultural Education (AAAE) Annual Meeting. Charleston, SC, May, 2017
18. Arkansas Vocational Agriculture Teacher Association Summer Conference. Hot Springs, AR, July, 2017
19. American Association for Agricultural Education (AAAE) Annual Meeting. San Luis Obispo, CA, May, 2017
20. North Central Region American Association for Agricultural Education (NC AAAE) Annual Meeting. West Lafayette, IN, October, 2016
21. American Association for Agricultural Education (AAAE) Annual Meeting. Kansas City, MO, May, 2015
22. North Central Region American Association for Agricultural Education (NC AAAE) Annual Meeting. Minneapolis, MN, October, 2015
23. CASE Introduction to Agriculture, Food and Natural Resources Institute, Ankeny, IA, June, 2015
24. American Association for Agricultural Education (AAAE) Annual Meeting. San Antonio, TX, May, 2015
25. North Central Region American Association for Agricultural Education (NC AAAE) Annual Meeting. Morgantown, WV, September, 2014
26. Vocational Agriculture Teachers Association of Texas (VATAT) Annual Conference. Corpus Christi, TX, July, 2013
27. Vocational Agriculture Teachers Association of Texas (VATAT) Annual Conference. Amarillo, TX, July, 2012
28. Vocational Agriculture Teachers Association of Texas (VATAT) Annual Conference. Arlington, TX, July, 2011
29. Vocational Agriculture Teachers Association of Texas (VATAT) Annual Conference. Galveston, TX, July, 2010

TEACHING CERTIFICATION

- Agricultural Science and Technology Grades 6-12. Texas Educator Certificate. State Board for Educator Certification. (expired)
- Life Sciences Grades 8-12. Texas Educator Certificate. State Board for Educator Certification. (expired)

PROFESSIONAL AND ACADEMIC MEMBERSHIPS

- American Association for Agricultural Education, 2014 – Present.
- National Association of Agricultural Educators, 2014 – Present.
- North American Colleges and Teachers of Agriculture, 2014 – Present.
- Graduate Organization in Agricultural Education, Iowa State University, 2014 – 2016.
- Gamma Sigma Delta, The Honor Society of Agriculture, Inducted, 2012.
- Vocational Agriculture Teachers Association of Texas, 2010 – 2014.
- National Association of Realtors, 2003 – 2009.

AWARDS, HONORS AND RECOGNITION

- Research Symposium Award Winner (Student) - Online/Virtual, ATU Research Symposium, 2024
- Faculty Excellence Award - Research Nominee, Arkansas Tech University, 2024
- Student Research Mentor Award Nominee, ATU Research Symposium, 2024
- ATU Professor of the Year Nominee, Arkansas Tech University, 2021-2022
- Undergraduate Research Symposium Honor Award, ATU Research Symposium, 2019
- Supporter of the Year, Alpha Gamma Rho, Arkansas Tech Colony, 2018
- Gamma Sigma Delta, The Honor Society of Agriculture, Inducted, 2012
- Ruby Medallion Award, GMAC Real Estate, 2007
- Honorary Chapter FFA Degree, Mingus Union High School, Cottonwood, AZ, 1991
- State FFA Degree, Arizona FFA Association, 1989