

# Daniel D. Foster

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## BIOGRAPHICAL SKETCH

I have a life-long mission to serve as a positive change agent. I am driven in facilitating engaged scholarship that curates and stimulates innovation bridging industry, secondary, post-secondary and community-centered learning in food, fiber, and natural resources. Drawing heavily from a lifetime of engagement in agricultural education in multiple states and nations, I strive for scholarship that generates global impact, one student and one community at a time. My line of inquiry has focuses on ACCESS to agricultural education, particularly developing authentic experiential educational opportunities while critically examining global professional pedagogical vision in perspective and practicing agricultural educators at the secondary and postsecondary levels.

## EDUCATION

- 2009      Doctor of Philosophy, The Ohio State University, Columbus, Ohio  
Major: Agricultural and Extension Education  
Cognate Areas: Teacher Education; Research and Statistics.  
Dissertation title: *Principles of Teaching and Learning, stage of cognitive development, and classroom climate: Their relationship to student cognition during class sessions.*  
Advisor: M. Susie Whittington
- 2008      Master of Science, The Ohio State University, Columbus, Ohio  
Major: Human and Community Resource Development  
Thesis title: *Developing an instrument to measure the utilization of the Principles of Teaching and Learning during class sessions*  
Advisor: M. Susie Whittington
- 2002      Bachelor of Science, The University of Arizona, Tucson, Arizona  
Major: Agricultural Education; Major: Agricultural Technology Management  
Advisor: Jack F. Elliot

## PROFESSIONAL EXPERIENCE

- 2016-present    Associate Professor, Department of Agricultural Economics, Sociology and Education, The Pennsylvania State University, University Park, PA
- 2009-2016      Assistant Professor, Department of Agricultural Economics, Sociology and Education, The Pennsylvania State University, University Park, PA
- 2006-2009      Graduate Teaching and Research Associate, Department of Human and Community Resource Development, The Ohio State University, Columbus, Ohio
- 2002-2006      Agricultural Education Instructor/FFA Advisor, Willcox H.S., Willcox, Arizona

### Teaching/Resident Education Areas

Methods of Teaching  
Youth Development  
Global Agricultural Education

### Research Interests

Teacher Preparation and Development  
School-Based Agricultural Education Impact  
Global Learning & Global Competency

## **CURRENT SIGNIFICANT PROGRAM/PROJECTS**

### PSU Global Teach Ag! Initiative

To assist in addressing the pressing 21<sup>st</sup> century issues facing the world through agricultural education, the Global Teach Ag! Initiative was developed with a mission to develop capacity in agriscience educators and agriscience education programs for global impact in food, fiber, and natural resources through youth development and education programming. The mission is addressed through four core strategic areas: Scholarship; Global Teacher Candidate Preparation; Global Agricultural Educator Professional Development, and K-12 Global Learning Outreach. To learn more, please visit: <http://aese.psu.edu/teachag/global>

### Immersive & Innovative Technology in Agricultural Instruction

To explore cutting edge innovation in instructional technology, I have served as a Teaching and Learning with Technology Fellow for Penn State University as well as a fellow in the Blended Learning Program. The current project is exploring the utilization of immersive educational technology to overcome seasonality and learning space limitation world-wide. Learn more here: <http://tlt.psu.edu/2016/10/10/melanie-miller-foster-daniel-foster/>

### U.S. School-Based Agricultural Educator National Supply and Demand

It is essential that we have good data to make good decisions. I am a member of the multi-institutional executive team charged with collecting both supply and demand data regarding school-based agricultural education for all 50 states from 2014-2020. See summary reports here: <http://aaaeonline.org/Teacher-Supply-and-Demand>

### PSU Teach Ag! Social Media Platforms

To engage stakeholders and future students from multiple locations, the PSU Teach Ag! Social Medial Platform Strategic Plan was created. Students are provided volunteer and wage labor positions to receive instruction and assigned platforms to maintain and advance. Platforms included are:

- Blog* (Established March 2012, <http://teachagpsu.blogspot.com>, 322 posts, over 160,000 page views),  
*A community of practice within the National Association of Agricultural Educators (NAAE) digital home*  
(Established 2011, <http://communities.naae.org/community/prodev/preservice/pennstate>)
- Pinterest* (Established 2012, <http://pinterest.com/teachagpsu/>, 462 followers)
- Facebook* (Established 2011, <https://www.facebook.com/TeachAgPSU>, 1,109 follows)
- Twitter* (Established 2012, <https://twitter.com/TeachAgPSU>, 1,968 followers)
- Instagram* (Established 2015, <http://instagram.com/teachagpsu/>, 235 followers)

### Student Organization Led Domestic Study Away (DSA) program

Knowing the importance that student co-curricular programs can have on student academic achievement and success, the PSU Teach Ag! Society was created as a student organization in 2012 and has a primary event to conduct an annual Domestic Study Away Program where students learn critical teaching and learning concepts while visiting/engaging in school-based agricultural education in a different state. Past experiences include:

<b>Year</b>	<b>State</b>	<b>Professional Development focus (click on theme for cumulative blog)</b>	<b>Event Hashtag</b>
2013	Arizona	<a href="#">Exploring multicultural competency through Native American agricultural education</a>	#psuaged2AZ
2014	Colorado	<a href="#">USDA Farm to School grant focused on school gardens: Service learning in action.</a>	#TeachAgDSA14
2015	Mississippi	<a href="#">Developing financial literacy in rural areas through supervised agricultural experiences</a>	#PSUAgEd2Miss
2016	Tennessee	<a href="#">Applied STEM instruction in urban and rural areas through school-based agricultural education</a>	#PSUAgEd2TN
2017	Wisconsin	<a href="#">Gender in Agriculture, Agricultural Education and Secondary Agriculture Classrooms</a>	#PSUAgEd2WI

## RESEARCH AND SCHOLARSHIP

### Publications - Refereed Journal Articles (N=12)

- Rice, L., & **Foster, D. D.** (2016). An international and domestic examination of faculty epistemological and pedagogical teaching beliefs. *North American Colleges and Teachers of Agriculture Journal*, 40 (3).
- Foster, D. D.**, Masser, D. T., Falk, J. M., & Rice, L. L. (2015). Utilization of Advisory Councils in Pennsylvania Secondary Agricultural Education Programs. *Career and Technical Education Research*, 40 (3), 141-156. Doi: 10.5328/cter40.3.141
- Miller Foster, M. J., **Foster, D. D.**, Thoron, A. C., & Barrick, R. K. (2015). A case study in Do-It-Yourself projects: Utilizing learning contracts to facilitate global learning in agriculture. *North American Colleges and Teachers of Agriculture Journal*, 59 (4), 343-349.
- Sankey Rice, L. L., **Foster, D. D.**, Miller Foster, M. J., & Barrick, R. K. (2014). Discovering global competencies of agriculture education students through reflective journaling. *North American Colleges and Teachers of Agriculture Journal*, 58(4), 324-329
- Masser, D., Falk, J., & **Foster, D. D.**, (2014). Level of agricultural education advisory council implementation in Idaho secondary agricultural education programs. *Journal of Agricultural Education*, 55(3), 116-131. doi: 10.5032/jae.2014.04038
- Foster, D. D.**, Miller Foster, M. J., Rice Sankey, L. L. & Barrick, R. K. (2014). Preparing agricultural educators for the world: Describing global competency in agricultural teacher candidates. *Journal of Agricultural Education*, 55(1), 51-64. doi: 10.5032/jae.2014.01051
- Simonsen, J. C., Velez, J. J., Foor, R. M., Birkenholz, R. J., **Foster, D. D.**, Wolf, K. J., & Epps, R. B. (2014). A multi-institutional examination of the relationships between high school activity involvement and leadership constructs among first-time college of agriculture students. *Journal of Agricultural Education*, 55(1), 200-214. doi: 10.5032/jae.2014.01200
- Sankey, L. L., & **Foster, D. D.** (2012). A content analysis of teaching philosophy statements of award winning colleges of agriculture professors. *Journal of Agricultural Education*, 53(4), 124-140. doi: 10.5032/jae.2012.04124
- Ewing, J. C., Whittington, M. S., & **Foster, D. D.** (2011). Explaining student cognition in the context of Piaget's theory of cognitive development. *North American Colleges and Teachers of Agriculture Journal*, 55(1), 68 – 75.
- Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2010). The Relationship between Teacher Self-Efficacy and the Professional Development Experiences of Agricultural Education Teachers Candidates. *Journal of Agricultural Education*, 51(4), 38-48. doi: 10.5032/jae.2010.04038.
- Foster, D. D.**, & Whittington, M. S. (2010). Developing an instrument to measure Principles of Teaching and Learning in college class sessions. *Journal of Agricultural Education*, 51(2), 46 – 58. doi: 10.5032/jae.2010.02046.

### Publications - Refereed Journal Articles [continued]

Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2009). Effect of leadership experiences on agricultural education student teacher self-efficacy in classroom management. *Career and Technical Education Research*, 34(2), 119-134.

### Editorship of Referred Journals (N=1)

**Foster, D. D.**, Morgan, C. & Russell, M. (Special Editors). (2013). Globalization: Implications for teaching and learning post-secondary agricultural education. *North American Colleges of teachers and Agriculture*, 57(3a).

### International Invited Presentations and Proceedings (N=9)

Barrick, R. K., **Foster, D. D.**, Thoron, A. C., & Miller-Foster, M. J. (2016, June). *Collecting and analyzing meaningful global experience data*. North American Colleges and Teachers of Agriculture Conference, Honolulu, HI.

Miller Foster, M. J., **Foster, D. D.**, & Wahid, N. A. (2015, August). *Developing globally competent agricultural educators through contextually-relevant immersion experiences*. World Technical Vocational Education and Training Conference, Sarawak, Malaysia.

**Foster, D. D.**, Miller Foster, M. J., & Wahid, N. A. (2015, August). *Applying information and communication technologies to promote 21<sup>st</sup> century skill development in preservice agricultural educators*. World Technical Vocational Education and Training Conference, Sarawak, Malaysia.

Barrick, R. K., Thoron, A. C., **Foster, D. D.**, & Miller-Foster, M. (2015, April). *Global agricultural education: Lessons learned in preparing for and conducting an intensive international experience*. 30th Annual Conference of the Association for International Agricultural and Extension Education, Wageningen, Netherlands.

Barrick, R. K., **Foster, D. D.**, Miller-Foster, M., & Thoron, A. C. (2015, April). *Three case studies: School-based agriculture education in Korea, and implications for U. S. agricultural education*. 30th Annual Conference of the Association for International Agricultural and Extension Education, Wageningen, Netherlands.

Barrick, R. K., **Foster, D. D.**, Thoron, A. C., & Miller-Foster, M. (2015, April). *Essential questions to guide global learning experience*. 30th Annual Conference of the Association for International Agricultural and Extension Education, Wageningen, Netherlands

**Foster, D. D.**, Miller Foster, M. J., Thoron, A. C., Barrick, R. K., (2014, July). *Interdisciplinary STEM connections between preservice educators of agriculture education and elementary education*. Gwang-ju National University of Education Technical and Vocational Education Conference.

**Foster, D. D.** (2012, June). *The premier delivery system: Utilizing agricultural education for total student success*. An invited presentation to Seoul National University, Seoul, Korea.

Barrick, R. K., **Foster, D. D.**, & Na, S. I. (2012, May). *Agricultural teacher education in Korea: A study program for U.S. students*. 28<sup>th</sup> Annual Conference of the Association for International Agricultural and Extension Education, Bangkok, Thailand.

### National and Regional Refereed Conference Papers (Proceedings and Presentations) (N=44)

- Miller Foster, M. J., **Foster, D. D.**, Wetzel, R., Getz, D., McAuley, K. & Smerker, N. (2017, June). *Exploring immersive video in advancing inquiry-based learning in domestic and global settings*. North American Colleges and Teachers of Agriculture, West Lafayette, IN.
- Miller Foster, M. J., & **Foster, D. D.** (2016, June). *The Penn State Global Teach Ag! Initiative: Meeting a need*. Association for International Agriculture and Rural Development, Washington, D.C.
- Foster, D. D.**, Ewing, J. C., Threeton, M., & Wahid, N. A. (2016, June). *Are we focusing on the right things? Perceptions of recent graduates*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Murphy-Sweet, O.**, Miller Foster, M. J., **Foster, D. D.** , & Castellanos, P. (2016, June). *Assessing the potential for establishing 4-H in Belize to preserve agricultural indigenous knowledge and practices*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Foster, D. D.**, Cannon, K. J., & Miller Foster, M. J. (2016, June). *Building Professional Learning Networks Through Social Media: #TeachAgChat*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Foster, D. D.**, & Miller Foster, M. J. (2016, June). *Not Just Another Webinar: Innovation in online professional development*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Rice, L., & **Foster, D. D.** (2016, June). *Describing agricultural discipline specific signature pedagogies*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Foster, D. D.**, Ewing, J. C., Threeton, M. & Wahid, N. (2016, June). *Are we focusing on the right things? Perceptions of recent graduates*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Rice, L., & **Foster, D. D.** (2015, October). *Identifying epistemological beliefs of award-winning teaching faculty: A perspective from Sweden*. North Central Region- American Association for Agricultural Education, Minneapolis, MN.
- Falk, J., Masser, D., **Foster, D. D.**, & Palmer, H. (2015, September). *Describing the coaching behaviors of agricultural education coaches for the National FFA Parliamentary Procedure Career Development Event*. Western Region, American Association for Agricultural Education, Corvallis, OR.
- Miller Foster, M. J., **Foster, D. D.**, Wahid, N. A. (2015, June). *Utilizing Inquiry Based Instruction to cultivate global 21st century skill sets*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Creed, S. C., **Foster, D. D.**, Miller Foster, M. J., Thoron, A. C., & Barrick, R. K. (2015, June). *Semiotic analysis of agriscience educators and agricultural teacher candidates' perceptions of global competency gains during an immersion experience*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Foster, D. D.**, Barrick, R. K., Miller Foster, M. J., & Thoron, A. C. (2015, June). *Global Learning in Agriculture: A multilevel collaboration for internationalization of curriculum*. North American Colleges and Teachers of Agriculture, Athens, GA.

## National and Regional Refereed Conference Papers (Proceedings and Presentations) [continued]

- Miller Foster, M. J., Castellanos, P., & **Foster, D. D.** (2015, June). *Cross Pollination of Undergraduate Instruction to Promote Global Learning*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Sankey Rice, L. ,& **Foster, D. D.** (2015, June). *Epistemological and pedagogical beliefs of award-winning post-secondary agriculture faculty at two agricultural universities*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Kenno, B., **Foster, D. D.**, & Ewing, J. C. (2015, June). *College of Agriculture Faculty Engagement and Perceived Value Instructional Assessment as a form of Scholarship of Teaching and Learning*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Falk, J. M., Masser, D. T., Palmer, H. R., & Foster, **D. D.** (2014, May). *Describing the relationship between coaching behaviors and student performance at the National FFA Parliamentary Procedure Career Development Event*. American Association for Agricultural Education, Salt Lake, City, UT.
- Foster, D. D.**, & Miller Foster, M. J. (2013, September). *Engaging university resources to maximize student global learning*. Global Penn State: Internationalizing the Campus, College, and Curriculum, University Park, PA.
- Behering, D., Larson, J., Gill, T., Duiker, S., Brennan, M., Glenna, L., Miller Foster, M. J., & **Foster, D. D.** (2013, September). *Internationalizing a college around a global challenge: College of Agricultural Sciences*. Global Penn State: Internationalizing the Campus, College, and Curriculum, University Park, PA.
- Foster, D. D.**, Sankey Rice, L. L., & Miller Foster, M. J. (2013, September). *Developing contextually relevant global professional partnerships*. Global Penn State: Internationalizing the Campus, College, and Curriculum, University Park, PA
- Foster, D. D.**, Barrick, R. K., & Miller Foster, M. J. (2013, June) *Joys and discomforts of multi-institutional collaborative global education*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Sankey Rice, L. L., & **Foster, D. D.** (2013, June). *Developing reflective practitioners through VoiceThread technology*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Falk, J. M., Wolf, K. & **Foster, D. D.** (2013, June). *Climate for teaching in participating APLU institutions*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Miller Foster, M. J., Gill, T. & **Foster, D. D.** (2013, June). *Crossing international and disciplinary borders in graduate education*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Miller Foster, M. J., Sherbine, K. & **Foster, D. D.** (2013, June). *Twitter in the classroom: A comparative case study*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.

## National and Regional Refereed Conference Papers (Proceedings and Presentations) [continued]

- Foster, D. D.**, Miller Foster, M. J., Sankey Rice, L., & Barrick, R. K. (2013, May). Preparing agricultural educators for the world: Describing global competency in agricultural teacher candidates. American Association for Agricultural Education, Columbus, OH.
- Sankey Rice, L. L., **Foster, D. D.**, Miller Foster, M. J., & Barrick, R. K. (2013, May). *Identifying emergent themes for knowledge, skills, and dispositions in globally competent agriculture education teacher candidates*. American Association for Agricultural Education, Columbus, OH.
- Masser, D., Falk, J., & **Foster, D. D.** (2013, May). *Level of agricultural education advisory council implementation in secondary agricultural education programs*. American Association for Agricultural Education, Columbus, OH.
- Foor, R., **Foster, D. D.**, & Wolf, K.J. (2013, May). *Developing professional standards for teacher educators in agriculture*. American Association for Agricultural Education, Columbus, OH.
- Masser, D., **Foster, D. D.**, & Sankey, L. (2012, November). *Utilization of advisory councils in Pennsylvania secondary agricultural education programs*. Association for Career and Technical Education Research, Atlanta, GA.
- Foster, D. D.**, Musser, T., Peters, J., Dreshel, N., Howell, J., & Doores, S. (2012, June). *Celebrating advising as teaching: Designing a competency-based faculty advisor development program to sustain advising excellence*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Simonsen, J. C., Velez, J. J., Foor, R. M., Birkenholz, R. J., **Foster, D. D.**, Wolf, K. J., & Epps, R. B. (2012, July). *A multi-institutional examination of the relationships between high school activity involvement and leadership constructs among first-time college of agriculture students*. Association of Leadership Educators, Key West, FL.
- Simonsen, J. C., Velez, J. J., **Foster, D. D.**, & Birkenholz, R. J. (2011, September). *Relationship between leadership constructs and student activity participation during high school among first-time college of agriculture students*. North Central Region- American Association for Agricultural Education, University Park, PA, 57-71.
- Foster, D. D.**, & Musser, T. (2011, October). *Characteristics of effective teaching and advising: One and the same? Utilizing concept maps to improve total student success*. National Academic Advising Association Regional Conference. Charlottesville, VA.
- Foster, D. D.**, Ewing, J.C., & Detwiler, A. (2010, December). *Characteristics of effective beginning agricultural education teachers*. Association for Career and Technical Education Research. Las Vegas, NV.
- Foster, D. D.**, & Musser, T. (2010, April). *Characteristics of effective teaching and advising: One and the same? Exploring potential tools to improve total student success*. Penn State Academic Advising Conference: Who, What, When, Why? University Park, PA.

## National and Regional Refereed Conference Papers (Proceedings and Presentations) [continued]

- Foster, D. D.**, Whittington, M. S., & Bookman, J. (2009, September). Piaget's stages of cognitive development: Have college students reached formal operations? *Proceedings of the Annual North Central American Association of Agricultural Educators Research Conference*. Lincoln, NE, 249-259.
- Foster, D. D.**, Whittington, M. S., & Bookman, J. (2009, June). Piaget's stages of cognitive development: Have college students reached formal operations? *Proceedings of the North American Colleges and Teachers of Agriculture Conference*. Stillwater, OK, 11.
- Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2008, May). Agricultural education teacher candidates' teacher self-efficacy and level of preparation. *Proceedings of the 35<sup>th</sup> Annual National Agricultural Education Research Conference*, Reno, NV, 16-29.
- Foster, D. D.**, & Whittington, M. S. (2008, June). Principles of teaching and learning assessment: Developing an observational instrument. *North American Colleges and Teachers of Agriculture Journal*, 52(2), 107.
- Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2008, September). Changes in teacher self-efficacy and perceptions of preparation of agricultural education teacher candidates. *Proceedings of the Annual North Central American Association of Agricultural Educators Research Conference*, Ithaca, NY, 180-191.
- Foster, D. D.**, & Whittington, M. S. (2008, April). Developing an instrument to measure the utilization of the principles of teaching and learning during class sessions. *Proceedings of the Mid-Western Educational Research Association Conference*, Columbus, OH. 54-65.
- Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2007, December). Agricultural education student teachers' self-efficacy in classroom management. *Proceedings of the Association for Career and Technical Education Research Conference*. Las Vegas, NV, 332-344
- Wolf, K. J., **Foster, D. D.**, & Birkenholz, R. J. (2007, May). Agricultural education student teachers' self-efficacy in classroom management. *Proceedings of the 34<sup>th</sup> annual National Agricultural Education Research Conference*, Minneapolis, MN, 547-560
- ### Refereed Conference Posters (N=50)
- Hack, K., **Foster, D. D.**, Miller Foster, M. J., & Castellanos, P. (2016, June). *Maximizing language learning abroad: Exploring the case of the agricultural Spanish program at the Adventure Education Center in Turrialba, Costa Rica*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Weaver, N., **Foster, D. D.**, & Miller Foster, M. J. (2016, June). *Grounding the new/beginning urban farmer: Identifying gaps in educational resources*. North American Colleges and Teachers of Agriculture, Manoa, HI.
- Schonfeld, A., **Foster, D. D.**, & Ewing, J. C. (2016, June). *Grounding the new/beginning urban farmer: Identifying gaps in educational resources*. North American Colleges and Teachers of Agriculture, Manoa, HI.



### Refereed Conference Posters [continued]

- Bassett, K., Miller Foster, M. J., & **Foster, D. D.** (2015, October). *Describing secondary agricultural education in the Central American nation of Belize: A case study*. North Central Region- American Association for Agricultural Education, Minneapolis, MN.
- Hock, G., & **Foster, D. D.** (2015, October). *Teacher candidates' intentions to enter school-based agricultural education*. North Central Region- American Association for Agricultural Education, Minneapolis, MN.
- Rice, L., & **Foster, D. D.** (2015, October). *Faculty perceptions of discipline specific pedagogies in post-secondary agriculture education*. North Central Region- American Association for Agricultural Education, Minneapolis, MN.
- Miller Foster, M. J., **Foster, D. D.**, Wahid, N. A. (2015, June). *International student organizations: Excellent partners for global learning in agriculture*. North American Colleges and Teachers of Agriculture, Athens, GA.
- Foster, D. D.** & Miller Foster, M. J. (2015, June). *Global Teach Ag! Initiative: A framework for discipline-specific global competency development*. North American Colleges and Teachers of Agriculture, Athens, GA..
- Creed, S. C., **Foster, D. D.**, Miller Foster, M. J., Thoron, A. C., & Barrick, R. K.(2015, May). *Semiotic analysis of agriscience educators and agricultural teacher candidates' perceptions of global competency gains during an immersion experience*. American Association for Agricultural Education, San Antonio, TX.
- Sankey Rice, L., & **Foster, D. D.** (2015, May). *Cultivating hybrid vigor for innovation in school-based agricultural education through online professional development episodes*. American Association for Agricultural Education, San Antonio, TX.
- Foster, D. D.** (2015, May). *Teach Ag! Genius Hour: Cultivating passion and innovation (#TeachAgGenius)*. American Association for Agricultural Education, San Antonio, TX.
- Sankey Rice, L. L., & **Foster, D. D.** (2015, May). *Developing pragmatic research consumers through action based research project in agricultural education teaching internships*. American Association for Agricultural Education, San Antonio, TX.
- Sankey Rice, L., & **Foster, D. D.** (2015, May). *Cultivating self-directed learning: Early Field Experience Reading Program for Teacher Candidates*. American Association for Agricultural Education, San Antonio, TX.
- Foster, D. D.**, Ewing, J. C., & Sankey Rice, L. (2015, May). *Teach Ag! Avengers: Heroes in agricultural education recruitment*. American Association for Agricultural Education, San Antonio, TX.
- Miller Foster, M. J., Wahid, N. A., & **Foster, D. D.** (2015, May). *Bringing Global Agriculture to Summer School: The Governor's School Experience*. American Association for Agricultural Education, San Antonio, TX.
- Wahid, N. A., Miller Foster, M. J., & **Foster, D. D.** (2015, May). *Engaging international student organizations to develop global competency in students of agriculture*. Association for Agricultural Education, San Antonio, TX.

### Refereed Conference Posters [continued]

- Sankey Rice, L. L., & **Foster, D. D.** (2014, September). *Early field experience summer reading program for teacher candidates*. North Central Region- American Association for Agricultural Education, Morgantown, WV.
- Falk, J. M., Masser, D. T., Palmer, H. R., & **Foster, D. D.** (2014, June). *What makes an effective coach?: The relationship between coaching behaviors and team performance*. North American Colleges and Teachers of Agriculture, Bozeman, MT.
- Masser, D., **Foster, D. D.**, & Falk, J. M. (2013, December). *Improving the power of your agricultural education advisory council*. National Association of Agricultural Educators Convention, Las Vegas, NV.
- Foster, D. D.** (2013, September). *School-based agricultural education in different contexts with different populations: A domestic study abroad*. North Central Region-American Association for Agricultural Education, Madison, WI.
- Foster, D. D.** (2013, September). *Putting a face to SAE: Utilizing vignettes to improve teacher candidate dispositions towards SAE implementation*. North Central Region- American Association for Agricultural Education, Madison, WI.
- Smith, A. R., Lawver, R. G., & **Foster, D. D.** (2013, September). *Toward improved geographic mobility among agricultural education students*. North Central Region- American Association for Agricultural Education, Madison, WI.
- Foster, D. D.**, Sankey Rice, L., & Ewing, J. C. (2013, June). *Preparing for the transformative learning experience: Teacher candidate summative reflection presentations*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Falk, J., Masser, D. & **Foster, D. D.** (2013, June). *Engaging community stakeholders in multidisciplinary agricultural education program delivery*. North American Colleges and Teachers of Agriculture, Blacksburg, VA.
- Foster, D. D.**, Ewing, J.C., & Sankey Rice, L. (2013, May). *Preparing for the transformative learning experience: Teacher candidate summative reflection presentations*. American Association for Agricultural Education, Columbus, OH.
- Sankey Rice, L. & **Foster, D. D.** (2013, May). *Developing reflective practitioners through VoiceThread technology*. American Association for Agricultural Education, Columbus, OH.
- Foster, D. D.**, Barrick, R. K., Na, S. I., Miller Foster, M. J., & Sankey, L. L. (2012, June). *Celebrating school-based agricultural education across the globe: Utilizing and sustaining digital community of practice*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Foster, D. D.**, Lambert, J., Howell, J. E., & Dick, A. (2012, June). *Tox in a Box: Utilizing Inquiry-based Instruction and a Flipped Classroom to Instruct Environmental Toxicology*. North American Colleges and Teachers of Agriculture, River Falls, WI.

**Refereed Conference Posters [continued]**

- Ewing, J. C., **Foster, D. D.**, McDavid, K. S., & Ziegler, J. (2012, June). *Sources of information utilized in choosing a college of agriculture science*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Foster, D. D.**, Ewing, J. C., McDavid, K. S., Fivek, M., & Musser, T. (2012, June). *Factors associated with choosing a college of agriculture science*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Foster, D. D.**, Ewing, J. C., & McDavid, K. S. (2012, June). *Our students: A profile of the 2011 fall semester college of agriculture freshman*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Miller Foster, M. J., **Foster, D. D.**, & Ader, D. (2012, June). *Celebrating student ownership in learning: Utilizing student contracts to develop global citizenship in an international immersion experience*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Sankey Rice, L. L., & **Foster, D. D.** (2012, June). *Celebrating award winning teaching by identifying themes to sustain in post-secondary agriculture instruction*. North American Colleges and Teachers of Agriculture, River Falls, WI.
- Masser, D., & **Foster, D. D.** (2012, May) *Utilization of advisory councils in Pennsylvania secondary agricultural education*. American Association for Agricultural Education, Ashville, N.C.
- Sankey Rice, L. & **Foster, D. D.** (2012, May) *Developing creativity in agriculture teacher candidates* American Association for Agricultural Education, Ashville, N.C.
- Barrick, R.K., **Foster, D. D.**, & Na, S. I. (2012, May). *Agricultural teacher education in Korea: A study program for U.S. students*. Association for International Agricultural and Extension Education, Bangkok, Thailand.
- Ewing, J. C. & **Foster, D. D.** (2011, May). *Engaging stakeholders in teacher candidate development: Developing skills for effective on-line communication with 21<sup>st</sup> century parents*. American Association for Agricultural Education. Coeur d'Alene, ID.
- Garland, K. B., Ewing, J. C., & **Foster, D. D.** (2011, May). *Beginning agriculture teachers' perspectives of effective teacher characteristics*. American Association for Agricultural Education. Coeur d'Alene, ID.
- Polatnick, L., **Foster, D. D.**, & Ewing, J. C., (2011, September). *Supplemental units of instruction in equine welfare for secondary educators*. North Central Region American Association for Agricultural Education, University Park, PA.
- Sankey, L., & **Foster, D. D.** (2011, September). *Introducing inquiry-based instruction to agriculture teacher candidates*. North Central Region American Association for Agricultural Education, University Park, PA.
- Foster, D. D.**, Ewing, J. C., Threeton, M., & Clark, R. (2010, December). *Experiential education: Purported, but utilized?* Association for Career and Technical Education Research. Las Vegas, NV.

### Refereed Conference Posters [continued]

- Detwiler, A. R., Ewing, J. C., & **Foster, D. D.** (2010, May). *Desired characteristics of beginning agricultural education instructors as perceived by school administrators*. American Association for Agricultural Education, Omaha, NE.
- Detwiler, A. R., **Foster, D. D.**, & Ewing, J. C. (2010, May). *Recruiting by doing: Utilizing existing undergraduate student organizations to facilitate secondary student recruitment in agricultural teacher education*. American Association for Agricultural Education. Omaha, NE.
- Ewing, J. C., **Foster, D. D.**, Hoover, T. S., & Heasley, P. (2010, June). *Developing and building community connections: Utilizing grant funding to support student teachers, cooperating centers, and communities*. Association of Public and Land Grant Universities. University Park, PA.
- Foster, D. D.**, & Epps, R. B. (2008, September). Revisiting the senior capstone experience: developing cooperative professionals *Poster Proceedings of the Annual North Central American Association of Agricultural Educators Research Conference*. Ithaca, NY, 62-65.
- Foster, D. D.**, Connors, J. J., Cano, J. M., & Whittington, M. S. (2008, June). An undergraduate peer teaching approach to portfolio development across the curriculum. *North American Colleges and Teachers of Agriculture Journal*, 52(2), 107.
- Whittington, M. S., **Foster, D. D.**, Falk, J. M., Beck, W. M., & Bookman, J. A. (2008, June). Creating a conceptual framework for studying cognitive levels of teaching and learning. *North American Colleges and Teachers of Agriculture Journal*, 52(2), 78.
- Foster, D. D.**, Connors, J. J., Cano, J. M., & Whittington, M. S. (2008). An undergraduate peer teaching approach to portfolio development across the curriculum. *Poster Proceedings of the Annual North Central American Association of Agricultural Educators Research Conference*. Ithaca, NY, 50-53.
- Foster, D. D.**, & Whittington, M. S. (2007). Application of service learning through undergraduate student organizations. *North American Colleges and Teachers of Agriculture Journal*, 51(2), 103.
- Foster, D. D.**, & Foor, R. M. (2007). Service-learning in leadership development. *Poster Proceedings of the Annual North Central American Association of Agricultural Educators Research Conference*.

### Articles Published in Non-Refereed Journals (N=14)

- Miller Foster, M. J., & Foster, D. (2016, September/October). No Borders on Student Success: Global Learning in Agriculture (Theme Editors). *The Agricultural Education Magazine*, 88
- Foster, D. D.** (2015, May/June). Teach Ag! Avengers: Heroes in Agricultural Education Recruitment. *The Agricultural Education Magazine*, 87(6), 21-24.
- Foster, D. D.**, & Barrick, R. K. (2013, September/October). Globalizing School-Based Agricultural Education: Are we preparing students to help serve the world? *The Agricultural Education Magazine*, 86(2), 20-24.

### Articles Published in Non-Refereed Journals (continued)

- Clark, M., Ewing, J. C., & **Foster, D. D.** (2011, May/June). Inquiry based instruction in agricultural education programs: How it can be done! *The Agricultural Education Magazine*, 83(6), 14 - 16.
- Foster, D. D.** (2009, November/December). Funding strategies: It is a family thing (Theme Editor). *The Agricultural Education Magazine*, 82(3).
- Foor, R., Epps, R., Falk, J., **Foster, D. D.**, & Simonsen, J. (2008, November/December). Oh, the places you'll go...and the questions you'll ask! *The Agricultural Education Magazine*, 80(3), 8-10.
- Foster, D. D.** (2007, February). The marginalization (or future) of career and technical teacher education in America. *Techniques: Connecting Education & Careers*, 82(2), 40-42.
- Foster, D. D.**, & Wolf, K. J. (2007, January/February). Staying relevant in a flattening world. *The Agricultural Education Magazine*, 79(4), 8-11.
- Velez, J.J., **Foster, D. D.**, Boeder, T., & Brown, D. (2006, September/October). Graduate student ratios for making professional weight in Agricultural Education. *The Agricultural Education Magazine*, 79(2), 25-26.
- Foster, D. D.** (2006, July/August). Leveling the playing field. *The Agricultural Education Magazine*, 79(1), 5-7.
- Foster, D. D.** (2003, July/August). Revelations of a first year teacher. *The Agricultural Education Magazine*, 76(1), 16-17.
- Foster, D. D.**, & Foster, B. (2000, March/April). Between the devil and the deep blue sea. *The Agricultural Education Magazine*, 72(5), 22-23.
- Foster, D. D.** (1998, June). To grow where no man has grown before, *Farm & Ranch News*, 1-2.
- Foster, D. D.**, Elliot, J., Bertelsen, C., Rich, S. & Blackey, C. (1997, November/December). The techno owl. *The Agricultural Education Magazine*, 70(3), 24-25.
- Foster, D. D.** (1997, April). The dream of a better tomorrow, *The Cattleman Magazine*, 79(3).

### Special Reports and Executive Summaries (N=2)

- Smith, A. R., **Foster, D. D.**, Lawver, R. G., & Thompson, E. (2017). National Agricultural Education Supply and Demand Study, 2016 Executive Summary. Retrieved from [http://aaaeonline.org/supply\\_demand/supplyanddemand.php](http://aaaeonline.org/supply_demand/supplyanddemand.php)
- Lawver, R. G., Smith, A. R., & **Foster, D. D.** (2016). National Agricultural Education Supply and Demand Study, 2015 Executive Summary. Retrieved from [http://aaaeonline.org/supply\\_demand/supplyanddemand.php](http://aaaeonline.org/supply_demand/supplyanddemand.php)
- Foster, D. D.**, Lawver, R. G., & Smith, A. R. (2015). National Agricultural Education Supply and Demand Study, 2014 Executive Summary. Retrieved from [http://aaaeonline.org/supply\\_demand/supplyanddemand.php](http://aaaeonline.org/supply_demand/supplyanddemand.php)

## Outreach/Professional Learning Coordinated in Past Two Years

**Foster, D. D.** & Miller Foster, M. J. (2017, January). *Global Learning in Agriculture Conference (#GLAG17): The World at Your Doorstep*. Approximately 110 learners. More information; <http://aese.psu.edu/teachag/global/global-learning-in-agriculture-conference>

**Foster, D. D.** & Spindler, M. (2016, July). *Advanced Teaching Methods in Agriculture: Finding a way!* Virginia Association of Agricultural Educators Summer Conference, Culpepper, VA.

**Foster, D. D.** (2016, July). *Engaging in civic development through parliamentary procedure education in agricultural education*. Pennsylvania Association of Agricultural Educators Summer Conference, Middleburg, PA.

Barrick, K., Miller Foster, M. J., & **Foster, D. D.** (2016, June). *Strategic Study Abroad Course Development and Assessment*. North American Colleges and Teachers of Agriculture Conference, Hawaii.

**Foster, D. D.** & Miller Foster, M. J. (2016, January). *Global Learning in Agriculture Conference (#GLAG16): Learning Locally; Growing Globally*. Approximately 100 learners. More information; <http://aese.psu.edu/teachag/global/global-learning-in-agriculture-conference>

Masser, D. **Foster, D. D.** & Falk, J., (2015, November). *The team approach to agricultural education: Creating a school-wide STEM program*. National Association of Agricultural Educators National Convention, New Orleans, LA. Approximately 20 learners.

Falk, J., **Foster, D. D.**, & Masser, D. (2015, November). *Is it hot in here? Turning up the heat on Agriscience Fair*. National Association of Agricultural Educators National Convention, New Orleans, LA. Approximately 20 learners.

**Foster, D. D.** (2015, November). *National FFA Parliamentary Procedure Career Development Event: Cultivating Premier Leadership*. National Association of Agricultural Educators National Convention, New Orleans, LA. Approximately 60 learners.

**Foster, D. D.** & Connors, J. (2015, October). *How to be judge and evaluate the National FFA Parliamentary Procedure Career Development Event*. National Webinar for National FFA Organization.

**Foster, D. D.** & Connors, J. (2015, September). *How to be successful in the National FFA Parliamentary Procedure Career Development Event*. National Webinar for participants in National FFA Organization.

**Foster, D. D.** & Miller Foster, M. J. (2015, July). *Global Agriculture: Pennsylvania Governor's School for Agriscience*. Approximately 40 learners.

**Foster, D. D.** (2015, July). *#AgEdCamp: Innovation for the Pennsylvania Association of Agricultural Educators*. Tyrone, Pennsylvania. Approximately 75 learners.

**Foster, D. D.** (2015, July). *Introduction to Parliamentary Procedure Utilization in an Agriscience Program*. Maryland Agricultural Teacher Association State Convention. Thurmont, Maryland. Approximately 35 learners.

## Outreach/Professional Learning Coordinated in Past Two Years

**Foster, D. D.** (2015, June). *Coaching with the Best: Maximizing CDEs as an Instructional Tool!* National Association of Agricultural Educators Region VI Professional Development Workshop, Rehoboth Beach, Delaware. Approximately 26 learners.

**Foster, D. D.** & Miller Foster, M. J. (2015, April). *Strategies to globalizing formal and non-formal agricultural education.* University of Minnesota AFEE 5231 course. Approximately 7 learners.

**Foster, D. D.** & Ewing, J. C. (2015, March). *Effective Organizational implementation of parliamentary procedure.* Presentation to Delaware Valley University Student Organizations. Approximately 40 learners.

**Foster, D. D.** & Ewing, J. C. (2015, March). *Is agricultural education the career for you?* Presentation to Delaware Valley University Animal Science Course. Approximately 85 learners.

## Funded Projects and Grants (N=50; \$1,962,941)

To advance scholarship in both teaching and research, I have actively pursued external and internal Partners. Currently, I have three funded projects in progress with several proposals pending. Awards were secured from sources both internally and externally to further student development in engaged scholarship opportunities as is defined as out-of-classroom academic experiences that complement in-classroom learning.

### External Funding Partners

- Association for Public Universities
- Case/New Holland
- Center for Dairy Excellence, Pennsylvania
- CHS, Inc. Foundation
- National Association of Agricultural Educators
- National Institute of Environmental Health Sciences (NIEHS) 1RC1ES018496-01
- United States Department of Agriculture, National Institute for Agriculture Specialty Crops Research Initiative, eXtension program
- United States Department of Education

### Internal Funding Partners

- Agricultural Economics, Sociology, and Education Department, College of Agricultural Sciences
- Center for Professional Personnel Development, College of Agricultural Science
- College of Agricultural Sciences Professional Development Funding, Luerssen & Woodward Endowments.
- Dennis & Jimmie Findley Educational Enhancement Endowment, AESE
- Harbaugh Faculty Scholars Program Award for Excellence in Teaching & Learning Award
- Office of International Programs, College of Agricultural Science
- Office of Undergraduate Education, College of Agricultural Sciences
- Teaching and Learning with Technology, University

Summary of Completed Projects			
Type	Number of Projects	Total Amount	Role
<i>External</i>	12	\$1,649,601	3 PI 4 Co-PI 5 Advisor
<i>Internal</i>	30	\$58,240	8 advisor 4 Co-Advisor 9 PI 2 Co-PI 3 Travel only
<b>Total</b>	42	\$1,707,841	

In-Progress Funded Research Projects					
Year	Project Title	Investigators	Sponsor	Dollar Amount	Role
2017-2018	Advancing Teaching Methods of Agriculture in Western Guatemala for secondary and post-secondary teachers	Miller Foster, M., & <b>Foster, D. D.</b>	United States Dept of Ag, Foreign Agr Service	\$35,380	Co-Investigator (50%)
2014-2021	American Association for Agricultural Education (AAAE) National Study of the Supply and Demand for Teachers of Agricultural Education	<b>Foster, D. D.</b> Smith, A. Lawver, B.	American Asso. for Agricultural Education	\$5000 (total award)	Principal Investigator (33%)
2013-2018	AgriAbility Project for Pennsylvanians	Baggett, C. (PI) Fetzer, L. Murphy, D. Bobbitt, E. <b>Foster, D. D.</b> Davis, L.	United States Dept of Agri, National Institute for Agriculture	\$180,000	Co-investigator, Outreach to secondary agriculture educators (5%)



## RESIDENT EDUCATION/TEACHING

I have taught courses at Willcox High School (6), The Ohio State University (5) and The Pennsylvania State University (13). Below are the descriptions of the courses taught in my current position at Penn State. Other position course descriptions available upon request.

### Courses Taught at Penn State (N=13)

***Agricultural Education Orientation (AEE 100), 3 semester hours*** - AEE 100 is an introductory course in Agricultural and Extension Education that examines the history and philosophical foundations of agricultural and extension education. During the course, students explore their individual aptitude and interest in teaching in formal and/or non-formal settings. The course includes an early clinical practicum. This course is taught each fall semester. Taught: Fall 2011- 2013.

***Observation of Teaching in Agricultural and Environmental Science (AEE 295), 3 semester hours*** - AEE 295 course allows for students to participate in supervised observation of teacher and student activities in a selected high school. The course allows the student to appraise the responsibilities of teachers of agriculture. Through reflection on the classroom and laboratory observations, students are able to continue building upon their knowledge and skills related to teaching and learning in an agricultural education program. Students also participate in observation of the teacher and students in events related to FFA and Supervised Agricultural Experience programs. This course is taught each fall semester. Taught: Fall 2010-2013

***Practical Parliamentary Procedure (AEE 297), 2 semester hours*** - AEE 297a is a course that is cross-listed with CAS 217 and has been offered in spring semesters with enrollments of near 30 students. Students are provided the opportunity to learn how to effectively utilize parliamentary procedure as a leadership tool. Students have opportunity to earn accreditation through the Society of Agricultural Education Parliamentarians. Course content areas include: Principles of Parliamentary Procedure; classes of motions; officers; committees, bylaws and agendas. This course is taught in the spring semester. Taught: Spring 2011, Spring 2012, Spring 2014, Fall 2015

***Developing Youth Leadership through Organization and Program Structure (AEE 311), 3 semester hours*** - This course is an orientation on how adolescents develop and emerge as leaders in their families, schools, organizations, and communities. Content will focus on the FFA organization and supervised agricultural experiences as well as 4-H & other non-formal youth organizations. While the course is grounded in traditional and contemporary youth leadership philosophies and practices, it emphasizes youth leadership development in the food, agriculture, and natural resource sciences. This course is taught each fall semester. Taught Fall 2012- 2016

***School-based Program Planning and Instructional Development (AEE 313), 2 semester hours*** - The course is taught to our student teachers, while they are at their cooperating center. Five seminars are conducted with the teacher candidate group including: pre-internship seminar, student teaching seminar 1, student teaching seminar 2, post-internship seminar, induction seminar. During these seminars the student teachers develop, and adjust, plans for teaching at their respective cooperating center. Topics include, but are not limited to, classroom management, unit and lesson planning, FFA, Supervised Agricultural Experience, summer programming, professional development, and grant proposal writing. AEE 313 is taught each spring semester. Taught: Spring 2012-2016

## Courses Taught at Penn State [continued]

**Teaching Methods for Agricultural and Environmental Laboratories (AEE 350), 3 semester hours** - This course introduces students into a variety of teaching laboratories in the formal agricultural education setting. Students are taught how to best manage students and resources to positively impact student learning. This course is taught each fall semester. Taught: Fall 2009-2010.

**Education in Agriculture in Developing Countries (AEE 400), 3 semester hours** - Essential Course Question: How does education in agriculture in developing countries address global issues like food security and poverty? Purpose of the course is to develop the global competency of future change agents so that they, in turn, can help future learners gain knowledge, develop skills, and acquire dispositions for living in a globally interdependent and culturally diverse world while developing an awareness of education's impact on global issues such as food security. This course is taught in the spring semester. Taught: Spring 2014.

**Methods of Teaching Agricultural and Environmental Science (AEE 412), 4 semester hours** - Learners will engage in Instructional strategies and media; directing individual and group learning activities, assessing student performance and quality of instruction in agricultural education and environmental science. *Essential Question for this course:* How do I make decisions as a teacher that maximize student learning? This is a fall semester course. Taught: Fall 2009-2016

**Internships in Agricultural and Extension Education (AEE 495), 12 semester hours** - Learners participate in the total program of instruction in agriculture in a selected high school. Supervised placement of all interns in cooperating centers. Lead University Supervisor and Clinical Faculty (Cooperating Teacher) orientation/professional development. Conducted pre-service teacher seminars. Internships are based in the spring semester. Supervised: Spring 2010-2017

**Global School Based Agricultural Education (AEE 499), 3 semester hours**- Learners will strive to develop global competency as they engage in class sessions and a travel experience designed to prepare globally minded agricultural education teachers by providing the opportunity a short-term study experience within the context of agricultural education in nation's that have school-based agricultural education and university agricultural teacher preparation programs. Spring based course with summer travel component to South Korea. Taught: Spring 2012, Spring 2014.

**Youth Leadership Development (AEE 511), 3 semester hours** - Learners will investigate how adolescents develop and emerge as leaders in their families, schools, organizations, and communities. The primary objective for course is to provide future and current leaders of youth organizations in the agricultural, natural resource, and/or life sciences the knowledge, skills, and experiences to develop and enhance the leadership skills and behaviors of the youth in their organizations. Course was delivered in an online format for practitioners in the field. Taught: Spring 2010

**Teaching and Learning in Agricultural Sciences (AEE 530), 3 semester hours** – AEE 530 is a graduate level methods of teaching course designed for graduate students and faculty seeking to the improve their scholarship of teaching and learning for the academy. Taught: Spring 2016

**Be a Master Student (Ag 150s), 2 semester hours** - AG 150S is a freshman seminar course that is designed to familiarize students with the expectations, challenges, and opportunities provided to students during their collegiate career. Students explore agricultural issues and research methodologies through literature review, library searches, field studies, and critical thinking. Taught: Spring 2010-2012.

## SERVICE TO THE UNIVERSITY

### University

*University Pedagogical Indicators of Classroom Use,  
(Ad Hoc/Special Committee)*

Member, 2015-present

*Center for Science and the Schools (CSATS)*

*Outreach Group (Ad Hoc/Special).*

Member, 2011-present

*The Center for Professional Personnel Development*

Advisory Council Member, 2010-present

Member, 2009 – present

### College

*International Agriculture and Development Graduate  
Faculty Member*

2013 to present

*Faculty Development Committee (Standing Committee)*

2016-present

*Student Activities Committee (Standing Committee)*

Member, 2012 – 2013, 2015- present

Chair, 2013

*Academic Advising Recognition Process (Ad  
Hoc/Special Committee)*

Member, 2012-2014

*Social Networking Working Group (Ad Hoc/Special)*

Member, 2011 - 2013

*Student Recruitment and Enrollment Committee (Ad  
Hoc/Special)*

Member, 2009 – 2013

*Student Scholarship and Awards (Standing Committee)*

Member, 2016-present

### Department

*AESE Faculty Advisory Council*

AEE Cluster Rep, 2017-present

*AEE Cluster*

Chair, 2017-present

### Department (continued)

*AEE Cluster Graduate Committee*

Member, 2015- present

*AESE Informational Technology and Facilities  
Committee*

Member, 2012

*AEE Scholarship Committee*

Member, 2011-2012; Chair, 2012

*AEE Student Banquet Committee*

Co-Chair, 2010 to present

*AEE Undergraduate Committee*

Member, 2009 - present

*AEE Recruitment Subcommittee,*

Member, 2009 - present

*AEE Research Committee*

Member, 2009-2012

*Teacher Education Program Committee*

Student Teacher Internship Coordinator,  
2010 to present

Agricultural Education Advisory Council

Member, 2009 to present

### Assistance to student organizations.

*Alpha Tau Alpha, National Agricultural Education  
Honorary Fraternity*

PSU Representative to National Conclave,  
2012, 2013

Co-Advisor to the PSU Eta Chapter,  
2009-present

*Collegiate FFA*

Collegiate FFA Officer Nominating  
Committee, 2010

*Teach Ag! Society*

Founding Advisor, 2011 to present

## Service to society as a representative of the university

### Service to business and industry.

#### *Curriculum for Agricultural Science Education.*

Executive Board, Teacher Educator Representative, 2012- present

Pennsylvania State Leader, 2012-present

Certified Instructor in Principles of Agriculture Science-Animal Institute and Introduction to Agriculture, Food and Natural Resources Institute, 2010-present

#### *Society for Agricultural Education Parliamentarians*

Vice President, 2014-present

Executive Committee Member, 2011-present

Certification exam Proctor, 2010-present

### Service to public and private organizations.

#### **National**

##### *National FFA Organization*

Parliamentary Procedure Career Development Event,

Superintendent, 2015- present; Associate Superintendent, 2009 – 2014; Judge, 2006-present

##### *The Council for Agricultural Education*

Supervised Agricultural Education (SAE) Renewal Committee, 2013-present

#### **State**

##### *Commonwealth of Pennsylvania*

Agricultural Education Advisory Council, Member, 2016-present

##### *Pennsylvania Association of Agricultural Educators,*

Board of Directors Member, 2011-present; Member, 2009-present

##### *Pennsylvania FFA Association*

Board of Directors Member, 2009-present

## Service to the disciplines and to the profession

### Organizing conferences, service on conference committees.

#### **National**

*American Association of Agricultural Education*

Refereed Poster Session co-coordinator. 2011, 2012

*North America Colleges and Teachers of Agriculture Conference.*

Conference Planner, First annual Preconference Professional Development Session, 2013

Planning Committee. Research Presentation Sessions Sub-Committee Member, 2010

#### **Regional**

*North Central Region of American Association of Agricultural Education*

Refereed Poster Session co-coordinator, 2011

### Active participation in professional and learned societies.

#### **National**

*American Association for Agricultural Education*

Member 2006- present; Program Improvement Committee Chair- 2010-2012; Teacher Education Special Interest Group, Member -2006-present, Chair 2012 - 2014

*Association for Career and Technical Education Research*

Member, 2011-present; Member Services Committee

*Association for International Agriculture and Rural Development*

Member, 2016-present

*The Council for Agricultural Education*

National Teach Ag! Task Force for Recruitment and Retention. Teacher Education Representative. 2011 - present

*National Association for Agricultural Educators*

Life Member. 1998-present; National Teach Ag Task Force, 2011- present; National Agriscience Integration Institute. Des Moines, Iowa. Pennsylvania Teacher Education Representative, June 2010

*National FFA Organization*

Parliamentary Procedure Career Development Event Superintendent, 2015- present; Associate Superintendent, 2009- present; Served on Agricultural Educator Global Outreach Program, 2013

*North American Colleges and Teachers of Agriculture*

Member, 2007 – present; Eastern Regional Director Elect, 2017 – present; Member, International Committee, 2011- present

#### **Regional**

*Five Star Consortium for Teacher Education (Delaware, New Jersey, New York, Maryland, Pennsylvania, West Virginia)*

Member, 2009-present

*North Central, American Association of Agricultural Education*

Member, 2006 – present; Program Improvement Committee, 2009- present; Outstanding Paper Judge/Penn State Delegate, 2010

#### **State**

*Gamma Sigma Delta*

Member, 2008-present; Treasurer, 2016- present; Gamma Sigma Delta Research Exposition, Session Judge, 2010, 2016

## LIST OF HONORS AND AWARDS

### Honor Societies

Gamma Sigma Delta, Penn State Chapter  
 Omicron Tau Theta – Eta Chapter of The Ohio State University  
 Alpha Tau Alpha, The University of Arizona

### Awards for Professional Activities

#### **National**

2016 National Association of Agricultural Educators Outstanding Teacher Mentor Award  
 2015 North American Colleges and Teachers of Agriculture Educator Award  
 2015 Runner Up-Outstanding Innovative Poster. National Meeting of American Association of Agricultural Education, San Antonio, Texas  
 2012 National Teach Ag! Champion, National Association of Agricultural Educators  
 2012 EB Knight North American Colleges and Teachers of Agriculture Journal Award  
 2012 North American Colleges and Teachers of Agriculture, Teaching Award of Merit  
 2009 North American Colleges and Teachers of Agriculture Graduate Student Teaching Award  
 2005 Arizona Representative, DELTA Conference, National FFA Organization

#### **Regional**

2015 Outstanding Early Educator Award, North Central Meeting of American Association for Agricultural Education (AAAE), Minneapolis, MN.  
 2009 *Outstanding Paper Presentation*. North Central Meeting of American Association for Agricultural Education, Lincoln, Nebraska.  
 2004 Teacher Turn the Key Recipient, National Association of Agricultural Educators (Outstanding 2nd year teacher)

#### **State**

2016 Pennsylvania Association of Agricultural Educators Teacher Mentor Award  
 2015 Pennsylvania Association of Agricultural Educators 30-Minute Club Award

#### **State (continued)**

2014 Pennsylvania Association of Agricultural Educators 30-Minute Club Award  
 2013 Pennsylvania Association of Agricultural Educators 30-Minute Club Award  
 2012 Pennsylvania Association of Agricultural Educators 30-Minute Club Award  
 2012 Pennsylvania FFA Association, Honorary State Degree  
 2011 Pennsylvania Association of Agricultural Educators 30-Minute Club Award  
 2010 Pennsylvania Association of Agricultural Educators 30-Minute Club Award  
 2005 Gila Southern District (AATA) Agricultural Education Teacher of the Year  
 2005 Arizona FFA Honorary Degree Member  
 2003 Arizona Agriculture Teacher Association (AATA) Outstanding First Year Teacher Award

#### **University**

2017 PSU Teaching and Learning with Technology Fellowship  
 2016 Roy C. Buck Faculty Award for outstanding refereed article  
 2009 Agriculture Education Society, *Special Recognition*, The Ohio State University

#### **College**

2016 Excellence in Academic Advising Award, College of Agricultural Alumni Society  
 2012 North American Colleges and Teachers of Agriculture Teaching Award of Merit