

CURRICULUM VITAE

Leslie D. Edgar

Associate Dean and Director, Agricultural Experiment Station
Professor of Agricultural and Science Communication
New Mexico State University (NMSU) • College of Agricultural, Consumer and Environmental
Sciences (ACES)
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EDUCATION

- 2007 Ph.D. Texas A&M University Agricultural Leadership, Education & Communications
Support Areas: Agricultural Communications, Agricultural Leadership, and
Distance Education
- 2002 M.S. Utah State University Agricultural Systems, Technology & Education
Support Area: Adult Extension Education
- 2000 B.S. Utah State University Animal Science
Minor in Business Management

PROFESSIONAL EXPERIENCE

Associate Dean and Director, Agricultural Experiment Station May 2020 – Present
New Mexico State University, Las Cruces, New Mexico
College of Agricultural, Consumer and Environmental Sciences (ACES)

Professor and Department Head March 2018 – May 2020
University of Georgia, Athens, Georgia
Agricultural Leadership, Education and Communication Department (AECT) in the
College of Agricultural and Environmental Sciences (CAES)

Graduate Coordinator July 2018 – July 2019
University of Georgia, Athens, Georgia
Agricultural Leadership, Education and Communication Department (AECT) in the

Professor July 2016 – Feb. 2018
University of Arkansas, Fayetteville, Arkansas
Agricultural Education, Communications and Technology Department (AECT)

Assistant Dean for Student Programs Aug. 2015 – Feb. 2018
Director of the Bumpers College Honors Program and the International Programs Office
University of Arkansas, Fayetteville, Arkansas
Dale Bumpers College of Agricultural, Food and Life Sciences (Bumpers College)

Director of International Programs Sept. 2013 – Feb 2018
University of Arkansas, Fayetteville, Arkansas
Dale Bumpers College of Agricultural, Food and Life Sciences (Bumpers College)

RESEARCH

RESEARCH FOCUS

Agricultural and Science Communication Models for Effective Communication Management Strategies

PUBLICATIONS

Refereed Journal Articles: Published 62, In Press 3, Under Review 2 (Career)

Published

Note. *Student Directed Research

62. Dooley, K., Dobbins, C., **Edgar, L. D.**, Borges, B., Jones, S., Hernandez, J., & Birnbaum, A. (2020). A cross case synthesis of the social and economic development of three Guatemalan coffee cooperatives. *Advancements in Agricultural Development*, 1(1), 1-13. <https://doi.org/10.37433/aad.v1i1.15> (Co-author)
61. Dooley, K., *Dobbins, C., **Edgar, L. D.**, Mackay, W., & Davis, T. (2019). Faculty professional development and instructional design for an interdisciplinary graduate-level online course. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 63, 27-35. (Corresponding author)
60. *Dobbins, C., Dooley, K., & **Edgar, L. D.** (2019). If pictures could talk: Using photo novella in international service learning to capture visual meaning and interpretive engagement. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 63(1a), 72-80. (Corresponding author)
59. *Dobbins, C., **Edgar, L. D.**, & Dooley, K. (2019). Mixed-method approach for assessing student engagement and learning for an interdisciplinary, multi-institutional course. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 63(1a), 7-14. (Corresponding author)
58. Lamm, K. W., Lamm, A. J., Davis, K., Swaroop, B. J., & **Edgar, L. D.** (2019). Identifying information and communication technology use capacity needs of extension networks. *Journal of International Agricultural and Extension Education*, 26(3), 58-71. (Co-author)
57. *Whitehead, I., & **Edgar, L. D.** (2019). Lessons learned from an assessment of an honors program in a college of agriculture. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 63(2), 120-126. (Corresponding author).
56. Shoulders, C. W., **Edgar, L. D.**, & Johnson, D. M. (2019). The relationship between student admissions data and six-year degree completion. *Journal of Human Sciences and Extension*, 7(1), 104-116. (Co-author)
55. *Kurtzo, F., **Edgar, L. D.**, Edgar, D. W., Graham, D. L., & Russell, M. (2018). Exploring communication tendencies of program facilitators. *Journal of Applied Communications*, 103(1), 2-19. doi: <https://doi.org/10.4148/1051-0834.1415> (Corresponding author).
54. Murphrey, T. P., Koswatta, T. J., Dooley, K. E., & **Edgar, L. D.** (2018). An analysis of evaluation methods implemented in studies published in the Journal of International Agricultural and Extension Education from 1994 to 2018: A 25 year review. *Journal of International Agricultural and Extension Education*, 25(3), 27-39. doi: 10.5191/jiaee.2018.25402. *Invited article, 25th Anniversary Special Issue. (Co-author)

2018 Journal of International Agricultural and Extension Education Distinguished Article of the Year Award

53. Dooley, K. E., *Dobbins, C., & **Edgar, L. D.** (2018). Using participatory rural appraisal for a community needs assessment in Timor-Leste. *Journal of International Agricultural and Extension Education*, 25(3), 63-73. doi: 10.5191/jiaee.2018.25405. *Invited article, 25th Anniversary Special Issue. (Co-author)
52. **Edgar, L. D.**, Edgar, D. W., *Caillouet, O., & *Dobbins, C. (2018). A survey to determine international program growth areas and needs to guide a college of agriculture international programs office. *Journal of International Agricultural and Extension Education*, 25(3), 96-110. doi: 10.5191/jiaee.2018.25307. (Corresponding author)
51. Johnson, D. M., Shoulders, C. W., **Edgar, L. D.**, & Dixon, B. L. (2018). Predictors of freshman to sophomore retention in a college of agricultural, food and life sciences. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 62(3), 218-224. (Co-author)
50. **Edgar, L. D.**, Edgar, D. W., & *Hansen, M. J. (2018). College of agricultural, food, and life sciences international education: Students' preferred location of travel and perceptions of barriers and benefits. *Journal of International Agricultural and Extension Education*, 25(1), 89-99. (Corresponding author)
49. *Kurtzo, F., **Edgar, L. D.**, Graham, D. L., & Russell, M. (2017). Straight from the horse(man)'s mouth: Innovative 4-H camps. *Journal of Extension*, 55(4). Available at <https://www.joe.org/joe/2017october/iw6.php>. (Corresponding author).
48. **Edgar, L. D.**, Johnson, D. M., & *Estes, S. (2017). Poultry production messaging in two national-circulation newspapers. *Journal of Applied Communications*, 101(1), 6-18. (Corresponding author).
47. *Gentry, M., Graham, D. L., **Edgar, L. D.**, & Kirkpatrick, T. (2017). Assessment of an online nematology training for county extension agents. *Journal of Extension*, 55(1), #1RIB7. Available at <https://joe.org/joe/2017february/rb7.php>. (Corresponding author).
46. *Gentry, M., **Edgar, L. D.**, Graham, D. L., & Kirkpatrick, T. (2017). Assessing extension agents' nematology knowledge needs and related resource preferences: Implications for training on complex agricultural topics. *Journal of Extension*, 55(10), #1FEA5. Available at <https://joe.org/joe/2017february/a5.php>. (Corresponding author).
45. Johnson, D. M., Shoulders, C. W., **Edgar, L. D.**, Graham, D. L., & Rucker, K. J. (2016). Relationship between student engagement, self-reported grades, and satisfaction among senior agriculture students. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 60(3), 318-323. (Co-author)
44. Johnson, D. M., Shoulders, C. W., & **Edgar, L. D.** (2016). Early-career residential migration of agriculture and human environmental sciences B.S. graduates: Evidence from one land-grant university. *Journal of Human Sciences and Extension*, 4(1), 102-113. (Co-author)
43. *Northfell, A., **Edgar, L. D.**, Graham, D. L., & Rucker, K. J. (2016). Millennial alumni perceptions of communications: A look at one Land Grant university's media use. *Journal of Applied Communications*, 100(3), 32-43. (Corresponding author).
42. Johnson, D. M., **Edgar, L. D.**, Graham, D. L., Shoulders, C. L., & Rucker, K. J. (2016). Relationship between engagement and satisfaction among seniors at a mid-south land grant university. *College Student Journal*, 50(3), 335-346. (Co-author)

- Computers & Education*, 59(3), 740-749. ****3rd highest rated social science journal and first highest rated educational technology journal.** (Corresponding author)
15. **Edgar, L. D.**, Edgar, D. W., *McGuire, A., Rutherford, T. A., Doerfert, D., & Murphrey, T. (2012). Crisis communication needs assessment: A Delphi study to enhance instruction for agricultural communicators and other stakeholders. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 56(4), 17-23. (Corresponding author)
 14. *Amaral, K., **Edgar, L. D.**, & Johnson, D. (2012). Agricultural communication students' perceptions, knowledge and identified sources of information about agritourism. *Journal of Applied Communications*, 96(3), 38-46. (Corresponding author)
 13. *Rhodes, T., Miller, J. D., & **Edgar, L. D.** (2012). Evaluating capstone courses: Employing the five R's model to analyze an agricultural communications magazine class. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 56(10), 9-16. (Co-author)
 12. Murphrey, T., Rutherford, T. A., Doerfert, D., **Edgar, L. D.**, & Edgar, D. W. (2012). Technology acceptance related to Second Life™, social networking, Twitter™, and content management systems: Are agricultural students ready, willing, and able? *Journal of Agricultural Education*, 53(3), 56-70. doi: 10.5032/jae.2012.03056. (Co-author)
 11. Leggette, H., Witt, C., Rutherford, T. A. Doerfert, D., & **Edgar, L. D.** (2012). Experiential learning using Second Life: A content analysis of student reflective writing. *Journal of Agricultural Education*, 53(3), 124-136. doi: 10.5032/jae.2012.03124. (Co-author)
 10. Witt, C., Doerfert, D., Rutherford, T. A., & **Edgar, L. D.** (2011). The contribution of selected instructional methods toward graduate student understanding of crisis communication. *Journal of Applied Communications*, 95(3), 34-44. (Co-author)
 9. **Edgar, L. D.**, & Rutherford, T. A. (2011). Citation structure: An analysis of the literature cited in the *Journal of Applied Communications* from 1997 to 2006. *Journal of Applied Communications*, 95(2), 34-47. (Corresponding author)
 8. Cox, C., **Edgar, L. D.**, *Munise, K., & Johnson, D. W. (2011, June). Use of required information and communication technology tasks in undergraduate agriculture courses. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 55(2), 2-7. (Corresponding author)
 7. **Edgar, L. D.** (2010, Spring). Citation structure: An analysis of the literature cited in the *Journal of International Agricultural and Extension Education* from 1997 to 2006. *Journal of International Agricultural and Extension Education*, 17(1). (Corresponding author)
 6. **Edgar, L. D.**, & Cox, C. (2010, Winter). How do previous research themes in the *Journal of Leadership Education* fit into the National Research Agenda: Agricultural Education and Communication? *Journal of Leadership Education*, 9(1). (Corresponding author)
 5. **Edgar, L. D.**, Rutherford, T. A., & Briers, G. E. (2009). Research themes, authors, and methodologies in the *Journal of Applied Communications*: A 10-year overview. *Journal of Applied Communications*, 93, 1 & 2. (Corresponding author)
 4. **Edgar, L. D.**, Boyd, B., Rutherford, T. A., & Briers, G. E. (2009). Research themes, authors, and methodologies in the *Journal of Leadership Education*: A five year look. *Journal of Leadership Education*, 8(2). (Corresponding author)
 3. Edgar, D. W., & **Edgar, L. D.** (2009). Students' perceptions of Mexican agricultural practices occurring in Chihuahua State. *Journal of Southern Agricultural Education Research*, 59, 44-55. (Co-author)

2. **Edgar, L. D.**, Briers, G. E., & Rutherford, T. A. (2008). Research themes in agricultural education: Future gap analysis of the National Research Agenda. *Journal of Southern Agricultural Education Research*, 58(1), 44-60. (Corresponding author)
1. **Edgar, L. D.**, Edgar, D. W., Briers, G. E., & Rutherford, T. A. (2008). Research themes, authors, and methodologies in the Journal of Agricultural Education: A ten-year look. *Journal of Southern Agricultural Education Research*, 58(1) 61-80. (Corresponding author)

In Press

3. Edgar, D. W., Graham, D. L., **Edgar, L. D.**, & Bailey, H.* (In Press). Student and faculty perceptions of academic entitlement: A look at one southern land-grant university. *College Student Journal*. (Co-author)
2. Lamm, K. W., Lamm, A. J., Davis, K., Swaroop, B. J., & **Edgar, L. D.** (In Press). Identifying capacities needed for professionalization of extension networks. *Journal of International Agricultural and Extension Education*. (Co-author)
1. *Dobbins, C., *Gibson, K. E., **Edgar, L. D.**, & Dooley, K. E. (In Press). Lived experiences during international service learning: A semiotic analysis of photo journals. *Journal of International Agricultural and Extension Education*. (Corresponding-author)

Under Review

2. *Dobbins, C., Cox, C. K., **Edgar, L. D.**, Graham, D. L., & Perez, A. (Under Review). Developing a local definition of urban agriculture: Context and implications for a rural state. *The Journal of Agricultural Education and Extension*. (Co-author)
1. *Dobbins, C. E., **Edgar, L. D.**, & Dooley, K. E. (Under Review). A qualitative approach to assessing learner types from reflective narratives in an international service learning experience to Timor-Leste. *Journal of International Agricultural and Extension Education*. (Corresponding author)

PROCEEDINGS

Refereed Conference Proceedings: Published 92 (Career)

Published

Note. *Graduate student – directed student research

**Undergraduate student – directed student research

92. Dooley, K. E., *Dobbins, C. E., & **Edgar, L. D.** (2020). A cross case synthesis of the social and economic development of three Guatemalan coffee cooperatives. *Association of International Agricultural and Extension Education Conference*; St. Petersburg, FL, April 2-5, 2020. Refereed presentation with published abstract in proceedings
91. *Dobbins, C. E., **Edgar, L. D.**, Dooley, K. E., & Lamm, A. J. (2020). Unto the whole person: Using cognition, learning, and reflection to explore students' lived experiences during international experiential service learning. *Association of International Agricultural and Extension Education Conference*; St. Petersburg, FL, April 2-5, 2020. Refereed presentation with published abstract in proceedings

90. Dooley, K. E., *Dobbins, C. E., & **Edgar, L. D.** (2019). Cognitive, metacognitive, and motivational perspectives from prereflection and post reflection after a service learning experience in Timor-Leste. *Association for International Agricultural and Extension Education Conference*, Port-of-Spain, Trinidad & Tobago, April 1-4, 2019. Refereed presentation with published abstract in proceedings. **Outstanding Conference Research Paper.**
89. *Dobbins, C. E., **Edgar, L. D.**, & Dooley, K. E. (2019). Experiential service learning and reflection: What international experiences can teach us about how we learn. *Association for International Agricultural and Extension Education Conference*, Port-of-Spain, Trinidad & Tobago, April 1-4, 2019. Refereed presentation with published abstract in proceedings. (Corresponding author).
88. Garrison, B., & **Edgar, L. D.** (2018). The food literacy of college students. *NACTA Journal Abstracts*, 62, p. 63.
87. *Solberg, E., **Edgar, L. D.**, & Garrison, B. (2018). Fowl language: Evaluation of poultry labeling and consumer perceptions. Ignite presentation at the *National Health Outreach Conference*. Minneapolis, MN, May, 2-4, 2018.
86. Raczkowski, B. M., **Edgar, L. D.**, Robinson, J. S., Baker, M. A., & Edwards, M. C. (2018). Development and validation of a study abroad perceived costs scale. *American Association of Agricultural Education Conference*, Charlotte, NC, May 11-14, 2018. Refereed oral presentation with published abstract in proceedings. (Co-author).
85. Shoulders, C. W., **Edgar, L. D.**, & Johnson, D. M. (2018). Predicting ‘on-time’ graduation of agricultural, food and life sciences students. *American Association of Agricultural Education Conference*, Charlotte, NC, May 11-14, 2018. Refereed oral presentation with published abstract in proceedings. (Co-author). **Distinguished Research Manuscript**
84. Raczkowski, B. M., **Edgar, L. D.**, Robinson, J. S., Baker, M. A., & Edwards, M. C. (2018). Development and validation of a study abroad perceived costs scale. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed paper. (Co-author)
83. Shoulders, C. W., **Edgar, L. D.**, & Johnson, D. M. (2018). Relationship between student pre-entry attributes and six-year degree completion. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed paper. (Co-author)
82. **Edgar, L. D.**, *Whitehead, I., & Davis, K. J. (2017). College of agriculture honors students’: Developing a process for faculty change to enhance student success. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Manhattan, KS, June 29-July 1, 2017. Refereed presentation with published abstract in proceedings. (Corresponding author).
81. **Edgar, L. D.**, Edgar, D. W., & *Whitehead, I. (2017). Students’ preferred location of travel and perceptions of barriers and benefits: A focus on enhancing student success in international programs. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Manhattan, KS, June 29-July 1, 2017. Refereed presentation with published abstract in proceedings. (Corresponding author).
80. Jogan, K., & **Edgar, L. D.** (2017). Students act as tour guides for a study abroad class. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Manhattan, KS, June 29-July 1, 2017. Refereed presentation with published abstract in proceedings. (Co-author).

79. **Edgar, L. D.**, Edgar, D. W., & *Hansen, M. J., (2017). Students' perceptions of barriers and benefits to participating in an international program: A look at one Land Grant university. *Association for International Agricultural and Extension Education Conference*, Minneapolis, MN, April 24-27, 2017. Refereed presentation with published abstract in proceedings. (Corresponding author).
78. Johnson, D. M., Shoulders, C. W., & **Edgar, L. D.** (2016). Early-career migration of agriculture and human environmental sciences B.S. graduates: Evidence from one Land Grant university. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb. 6-8, 2016. Refereed paper. (Co-author) **Distinguished Research Paper**
77. *Estes, S., **Edgar, L. D.**, Johnson, D. M., Christensen, K., & Goodwin, H. L. (2016). Poultry production messaging: Frames and emergent themes in three national newspapers, 1994 to 2014. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb. 6-8, 2016. Refereed paper.
76. *Williford, B., & **Edgar, L. D.** (2016). Communication strategies for post-secondary agriculture student recruitment in Bangladesh. *Association for International Agricultural and Extension Education Conference*, Portland, OR, April 4-7, 2016. Refereed presentation with published abstract in proceedings. (Corresponding author).
75. *Hansen, M. J., & **Edgar, L. D.** (2016). Knowledge of nutrition and perceptions of healthy foods in northern Mozambique. *Association for International Agricultural and Extension Education Conference*, Portland, OR, April 4-7, 2016. Refereed presentation with published abstract in proceedings. (Corresponding author).
74. Johnson, D. M., **Edgar, L. D.**, Shoulders, C. W., Graham, D. L., & Rucker, K. J. (2016). Relationship between academic engagement, achievement, and student satisfaction among seniors in a land grant college of agriculture. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX. (Refereed paper with manuscript published in proceedings).
73. *Estes, S., Edgar, L. D., & Johnson, D. M. (2015). Consumer perceptions of poultry production: A focus on Arkansas. Paper presented at the *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Charleston, SC, June 8-11, 2015. (Corresponding author).
72. Johnson, D. M., Graham, D. L., **Edgar, L. D.**, Shoulders, C. W., & Rucker, K. J. (2015). Relationship between academic engagement and student satisfaction. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Athens, GA, June 16-19, 2015. Refereed presentation with published abstract in proceedings. (Co-author).
71. Graham, D. L., Johnson, D. M., **Edgar, L. D.**, Shoulders, C. W., & Rucker, K. J. (2015). Comparing senior agriculture and non-agricultural student valuation of communication and critical thinking experiences. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Athens, GA, June 16-19, 2015. Refereed presentation with published abstract in proceedings. (Co-author).
70. Johnson, D. M., **Edgar, L. D.**, Shoulders, C. W., Graham, D. L., & Rucker, K. J. (2015). Cognitive tasks required in undergraduate courses: A comparison of agriculture and non-agriculture student. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Athens, GA, June 16-19, 2015. Refereed presentation with published abstract in proceedings. (Co-author).

69. Graham, D. L., Johnson, D. M., **Edgar, L. D.**, Shoulders, C. W., & Rucker, K. J. (2015). Comparing agriculture and non-agriculture students' value of communication and critical thinking experiences. *National Association of Colleges and Teachers of Agriculture (NACTA) Conference*. Refereed paper, abstract printed in conference proceedings. (Co-author)
68. *Hansen, M. J., *Estes, S., & **Edgar, L. D.** (2015). International programs and college of agriculture faculty: An assessment of preferences, benefits, and barriers to involvement. *Association for International Agricultural and Extension Education Conference*. Wageningen, Netherlands, April 27-30. Refereed presentation with published abstract in proceedings. (Corresponding author)
67. *Estes, S., Hansen, M. J., & **Edgar, L. D.** (2015). University of Arkansas agriculture students and international experiences: Preferences, influences, and barriers. *Association for International Agricultural and Extension Education Conference*. Wageningen, Netherlands. Refereed presentation with published abstract in proceedings. (Corresponding author)
66. *Hansen, M. J., & **Edgar, L. D.** (2015). Genetically modified organisms in Belgium: A case study of consumer perceptions and awareness based on the potato crises event. *Association for International Agricultural and Extension Education Conference*. Wageningen, Netherlands. Refereed presentation with published abstract in proceedings. (Corresponding author)
65. **Edgar, L. D.**, Johnson, D. M., & Miller, J. D. A look at students' perceptions, interests, and behaviors related to sustainability. (2015). Paper presented at the 2015 *Association for International Agricultural and Extension Education Conference*. Wageningen, Netherlands. Refereed presentation with published abstract in proceedings. (Corresponding author)
64. *Northfell, A., **Edgar, L. D.**, Graham, D. L., & Rucker, K. J. (2015). Millennial alumni perceptions of communications. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)
63. *Hansen, M. J., & **Edgar, L. D.** (2015). Consumer perceptions and knowledge of genetically modified organisms: A case study of the Belgian potato event. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)
62. *Estes, S., *Hansen, M. J., & **Edgar, L. D.** (2015). University student and faculty needs, barriers, and expectations of international efforts and opportunities: A closer look at one land-grant University's college of agriculture. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)
61. **Edgar, L. D.**, Johnson, D. M., Miller, J. D., & *England, J. (2015). A look at students' perceptions, interests, and behaviors related to sustainability. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)
60. *Gentry, M., **Edgar, L. D.**, Graham, D. L., Kirkpatrick, T., & *Jernigan, H. (2015). A needs assessment of Arkansas county extension agents: A focus on nematology training. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)

59. *Gentry, M., Graham, D. L., **Edgar, L. D.**, & Kirkpatrick, T. (2015). An assessment of an online nematology training module for county extension agents. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Feb. 4-8, 2015. Refereed paper. (Corresponding author)
58. *Northfell, A., & **Edgar, L. D.** (2014). Using reflective journals to compare an international faculty-led study tour and student internship experience. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Portland, OR, June 24-28, 2014. Refereed paper. (Corresponding author)
- Outstanding Research Manuscript**
57. *Calico, C., **Edgar, L. D.**, Edgar, D. W., & Johnson, D. M. (2014). Integration of agricultural communications curriculum in Arkansas secondary agricultural classrooms: A pilot study. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Portland, OR, June 24-28, 2014. Refereed paper. (Corresponding author)
56. *Jernigan, H. G., Robison, J., & **Edgar, L. D.** (2014). Arkansas Cooperative Extension Service and higher education personnel perceptions of web-based technology training and dissemination. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed presentation with published abstract in proceedings. (Corresponding author).
55. *England, J., *Large, M., **Edgar, L. D.** & Miller, J. D. (2014). Sustainability matters: A review of student knowledge and awareness. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed presentation with published abstract in proceedings. (Corresponding author).
54. *Northfell, A., *Jernigan, H., & **Edgar, L. D.** (2014). Using reflective journals to compare an international faculty-led study tour and student internship experience. *American Association of Agricultural Education Conference*, Salt Lake City, UT, May 20-32, 2014. Refereed paper. (Corresponding author).
53. *Calico, C., **Edgar, L. D.**, Edgar, D. W., Johnson, D. M., & *Jernigan, H. (2014). Knowledge and perceptions of agricultural communications pilot curriculum in Arkansas secondary agricultural classrooms. *American Association of Agricultural Education Conference*, Salt Lake City, UT, May 20-23, 2014. Refereed paper. (Corresponding author).
52. *Pennington, K., *Calico, C., **Edgar, L. D.**, & Edgar, D. W. (2014). Knowledge and perceptions of visual communications curriculum in Arkansas secondary agricultural classrooms: A closer look at experiential learning integration. *American Association of Agricultural Education Conference*, Salt Lake City, UT, May 20-23, 2014. Refereed paper. (Corresponding author).
51. **Edgar, L. D.**, Edgar, D. W., Rutherford, T., Doerfert, D., & Murphrey, T. P. (2013). Assessment of students' crisis communications skill increase based on classroom instruction and Second Life™ training. *National Association of Colleges and Teachers of Agriculture (NACTA) Conference*. Refereed presentation with published abstract in proceedings. (Corresponding author).
50. Murphrey, T. P., Rutherford, T., Doerfert, D., **Edgar, L. D.**, & Edgar, D. W. (2013). Usability of a virtual world for education: Implications for teaching in colleges of agriculture. *National Association of Colleges and Teachers of Agriculture (NACTA) Conference*. Refereed presentation with published abstract in proceedings. (Co-author).

49. Johnson, D. M., **Edgar, L. D.**, & Edgar, D. W. (2013). Student awareness, use, and perceptions of biodiesel: An international perspective. *Association for International Agricultural and Extension Education Conference*, Dallas, TX, May 19-23, 2013. Refereed presentation with published abstract in proceedings. (Co-author).
48. **Edgar, L. D.**, Edgar, D. W., Rutherford, T. A., Doerfert, D. L., & Murphrey, T. (2013). An assessment of students' perceptions, knowledge, and skills based on crisis-related tasks and activities: A critical look at Second Life™ training. *Association for International Agricultural and Extension Education Conference*, Dallas, TX, May 19-23, 2013. Refereed paper. (Corresponding author).
47. *Calico, C., **Edgar, L. D.**, Edgar, D. W., **Hogan, H., & *Northfell, A. (2013). A needs assessment of agricultural communications curriculum and technology in Arkansas high schools. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Corresponding author)
46. *Northfell, A., **Edgar, L. D.**, & Miller, J. D., & Cox, C. K. (2013). Agricultural communications students' reflections of Belgium study tour. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Corresponding author)
45. **Hogan, H. G., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). A needs assessment of skills, curriculum, and technology in the Arkansas Cooperative Extension Service. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Corresponding author)
44. *Rushing, T., Miller, J. D., **Edgar, L. D.**, & Cox, C. K. (2013). Characteristics of a quality magazine capstone course. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Co-author)
43. Johnson, D. M., **Edgar, L. D.**, & Cox, C. K. (2013). Student and faculty perceptions of ICT use in undergraduate agriculture courses. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Co-author)
42. *Hunt, B. A., Graham, D. L., Edgar, D. W., & **Edgar, L. D.** (2013). A comparison of lecture and cooperative learning. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed paper. (Co-author)
41. Johnson, D. M., Edgar, D. W., & **Edgar, L. D.** (2012). Biodiesel: Awareness and perceptions of agriculture students at two universities. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed paper. (Co-author) **Distinguished Research Manuscript – SAAS Ag Ed Section**
40. Johnson, D. M., **Edgar, L. D.**, & Cox, C. K. (2012). Student and faculty perceptions of ICT use in undergraduate courses. *National Association of Colleges and Teachers of Agriculture (NACTA)*. Refereed presentation with published abstract in proceedings. (Co-author)
39. *Pennington, K., **Edgar, L. D.**, Edgar, D. W., Cox, C., & *Hunt, B. A. (2012). Experiential learning through visual communications curriculum in secondary schools. *Agricultural*

- Communications Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed paper. (Corresponding author)
38. Murphrey, T. P., Rutherford, T., Doerfert, D., & **Edgar, L. D.** (2011). Creative immersion using Second Life for international experiences: Are agricultural students ready, willing, and able? *Association for International Agricultural and Extension Education (AIAEE) Conference*, Namibia, Africa, July 3-7, 2011. Refereed paper. (Co-author)
 37. *McGuire, A., **Edgar, L. D.**, Edgar, D. W., Rutherford, T., Doerfert, D., & Murphrey, T. (2011). Crisis communication needs assessment: A Delphi study to enhance instruction for agricultural communicators and other stakeholders. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Alberta, Edmonton, Canada, June 14-18, 2011. Refereed paper. (Corresponding author)
 36. Murphrey, T. P., Sudduth, A., Rutherford, T., Leggette, H., Doerfert, D., **Edgar, L. D.**, & Edgar, D. W. (2011). Student technology acceptance: Implications for teaching in colleges of agriculture. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Alberta, Edmonton, Canada, June 14-18, 2011. Refereed paper. (Corresponding author)
 35. Witt, C., Doerfert, D., Murphrey, T. P., Rutherford, T., & **Edgar, L. D.** (2011). Students' perceived value of the contribution of instructional methods towards understanding risk and crisis communication. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Denver, CO, June 10-13, 2011. Refereed paper. (Co-author) **Outstanding Research Paper**
 34. Murphrey, T. P., Rutherford, T., Doerfert, D., & **Edgar, L. D.** (2011). Technology acceptance related to Second Life™, social networking, Twitter™, and content management systems: Are agricultural students ready, willing, and able? *American Association of Agricultural Education Conference*, Coeur d'Alene, ID, May 24-27, 2011. Refereed paper. (Co-author)
 33. Cox, C., **Edgar, L. D.**, *Munise, K., & Johnson, D. M. (2011). Information and communication technology tasks required in undergraduate agriculture courses. *American Association of Agricultural Education Conference*, Coeur d'Alene, ID, May 24-27, 2011. (Refereed paper)
 32. Murphrey, T. P., Rutherford, T., Doerfert, D., & **Edgar, L. D.** (2011). Technology acceptance related to Second Life™, social networking, Twitter™, and content management systems: Are agricultural students ready, willing, and able? *Western Region of the American Association of Agricultural Education Conference*, Fresno, CA, April 20-22, 2011. Refereed paper. (Co-author)
 31. Cox, C., **Edgar, L. D.**, *Munise, K., & Johnson, D. M. (2011). Information and communication technology tasks required in undergraduate agriculture courses. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Corpus Christi, TX, Feb.6-9, 2011. Refereed paper. (Co-author)
 30. Mooso, G., Tindle, T., Restucci, V., & **Edgar, L. D.** (2010). Determining crop inputs with the Farm of the Future: Agri-Data Solution. *ASA, CSSA and SSSA International Annual Meetings*, Long Beach, CA, Sept. 2010. Refereed paper. (Co-author)
 29. *McGuire, A., **Edgar, L. D.**, & Edgar, D. W. (2010). A philosophical view of teaching and learning in the digital world with an application base for Second Life©. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human*

- Sciences (ACE) Conference*, St. Louis, MO, June 14-16, 2010. Refereed paper.
(Corresponding author)
28. *Glaze, C. D., **Edgar, L. D.**, Rhoades, E., & Rutherford, T. A. (2010). Visual communications: an analysis of University students' perceptions of rural America based on select photographs. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, St. Louis, MO, June 14-16, 2010. Refereed paper. (Corresponding author)
 27. **Edgar, L. D.**, *Pennington, K. P., Rutherford, T. A., & Doerfert, D. (2010). A crisis communication needs assessment of agricultural industry professionals to determine best practices for Second Life© simulations. *Association of International Agricultural and Extension Education Conference*, Saskatoon, Saskatchewan, Canada, May 16-19, 2010. Refereed paper. (Corresponding author)
 26. *Glaze, C. D., **Edgar, L. D.**, Rhoades, E., & Rutherford, T. A. (2010). Visual communications: an analysis of University students' perceptions of rural America based on select photographs. *American Association of Agricultural Education Conference*, Omaha, NE, May 24-27, 2010. Refereed paper. (Corresponding author)
 25. *Amaral, K., & **Edgar, L. D.** (2010). Agricultural communication students' perceptions, knowledge and identified sources of information about agritourism. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. Refereed paper. (Corresponding author)
 24. *Glaze, C. D., **Edgar, L. D.**, Rutherford, T. A., & Rhoades, E. (2010). College student's perceptions of rural America based on selected photographs. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. Refereed paper. (Corresponding author)
 23. *Norton, M., **Edgar, L. D.**, & Edgar, D. W. (2010). Readership habits and needs of a major beef cattle breed association publication. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. Refereed paper. (Corresponding author)
 22. *Amaral, K., & **Edgar, L. D.** (2010). Agricultural communication students' perceptions, knowledge and identified sources of information about agritourism. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. Refereed paper. (Corresponding author)
 21. **Edgar, L. D.**, & Rutherford, T. A. (2009). Comparing previous research in agricultural communications to the *National Research Agenda: Agricultural Education and Communication, 2007-2010*. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Des Moines, IA, June 6-9, 2009. Referred paper. (Corresponding author)
 20. **Edgar, L. D.**, & Rutherford, T. A. (2009). Citation structure: An analysis of literature cited in the *Journal of Applied Communications* from 1997 to 2006. *American Association of Agricultural Education Conference*, Lexington, KY, May 20-22, 2009. Refereed paper. (Corresponding author)
 19. **Edgar, L. D.** (2009). Citation structure: An analysis of literature cited in the *Journal of International Agricultural and Extension Education* from 1997 to 2006. *Association of International Agricultural and Extension Education Conference*, San Juan, Puerto Rico, May 2009. Refereed paper. (Corresponding author)

18. **Edgar, L. D.,** & Rutherford, T. (2009). Citation structure: An analysis of literature cited in the *Journal of Applied Communications* from 1997 to 2006. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. Refereed paper. (Corresponding author)
17. **Edgar, L. D.,** & Edgar, D. W. (2009). Citation structure: An analysis of the literature cited in the *Journal of Agricultural Education* from 1997 to 2006. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. Refereed paper. (Corresponding author)
16. **Edgar, L. D.,** & Rutherford, T. (2009). Citation structure: An analysis of literature cited in the *Journal of Applied Communications* from 1997 to 2006. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. Refereed paper. (Corresponding author)
Outstanding Faculty Research Paper and Presentation – SAAS AG COMM Section
15. **Edgar, L. D.** (2008). A ten-year content analysis to assess research theme areas in agricultural education: Gap analysis of future research priorities in the discipline. **Runner-up Outstanding Dissertation Award** at the 2008 *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Traverse City, MI, June 14-16, 2008. Refereed paper. (Corresponding author)
14. **Edgar, L. D.,** Boyd, B., Briers, G. E., & Rutherford, T. A. (2008). Research themes, authors, and methodologies in the *Journal of Leadership Education: A five year look*. *Association of Leadership Educators National Conference*, Spokane, WA, June 2008. Refereed paper. (Corresponding author)
13. **Edgar, L. D.,** Rutherford, T. A., & Briers, G. E. (2008). The *Journal of International Agricultural and Extension Education: A ten year look*. *International Agricultural and Extension Education Conference*, San Jose, Costa Rica, May 2008. Refereed paper. (Corresponding author)
12. **Edgar, L. D.,** Briers, G. E., & Rutherford, T. A. (2008). Research themes in agricultural education: Future gap analysis of the *National Research Agenda*. *American Association of Agricultural Education Conference*, Reno, NV, May 21-23, 2008. Refereed paper. (Corresponding author)
11. **Edgar, L. D.,** Edgar, D. W., Briers, G. E., & Rutherford, T. A. (2008). Research themes, authors, and methodologies in the *Journal of Agricultural Education: A ten year look*. *American Association of Agricultural Education Conference*, Reno, NV, May 21-23, 2008. Refereed paper. (Corresponding author)
10. **Edgar, L. D.,** Briers, G. E., & Rutherford, T. A. (2008). The *Journal of International Agricultural and Extension Education: A ten year look*. *American Association of Agricultural Education Conference*, Reno, NV, May 21-23, 2008. Refereed paper. (Corresponding author)
9. **Edgar, L. D.,** Rutherford, T. A., & Briers, G. E. (2008). Research themes, authors, and methodologies in the *Journal of Applied Communications: A ten year look*. *American Association of Agricultural Education Conference*, Reno, NV, May 21-23, 2008. Refereed paper. (Corresponding author)
8. **Edgar, L. D.,** Rutherford, T. A., & Briers, G. E. (2008). Research themes, authors, and methodologies in the *Journal of Leadership Education: A five year look*. *American*

- Association of Agricultural Education Conference, Reno, NV, May 21-23, 2008.*
 Refereed paper. (Corresponding author)
7. **Edgar, L. D.**, Rutherford, T. A., & Briers, G. E. (2008). Research themes, authors, and methodologies in the *Journal of Applied Communications: A ten year look. Agricultural Communications Section of the Southern Association of Agricultural Scientists*, Dallas, TX, Feb 2-5, 2008. Refereed paper. (Corresponding author)
 6. **Edgar, L. D.**, Briers, G. E., & Rutherford, T. A. (2008). Research themes in agricultural education: Future gap analysis of the *National Research Agenda. Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX, Feb 2-5, 2008. Refereed paper. (Corresponding author)
 5. **Edgar, L. D.**, Edgar, D. W., Briers, G. E., & Rutherford, T. A. (2008). Research themes, authors, and methodologies in the *Journal of Agricultural Education: A ten year look. Southern Region of the American Association of Agricultural Education Conference*, Dallas, TX, Feb 2-5, 2008. Refereed paper. (Corresponding author)
 4. **Edgar, L. D.** (2007). A 10-year content analysis to assess research topics in the agricultural education discipline: Future gap analysis for the discipline. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) Conference*, Albuquerque, NM, June 2007. (Dissertation proposal) **ACE Doctoral Dissertation Proposal Award Winner**
 3. **Edgar, L. M.**, Edgar D. W., Lawver, D. E., & Briers, G. E. (2006). Why travel? Using international experiences to change students' perceptions and attitudes. *Western Region Association of Agricultural Education Conference*, Boise, ID, April 19-22, 2007. Refereed paper. (Corresponding author)
 2. **McKendrick, L. D.** (2005). Tourism marketing: Building electronic communities through strategic alliances in Utah. *Western Region Association of Agricultural Education Conference*, Prescott, AR, April 20-23, 2005. Refereed paper. (Corresponding author)
 1. **McKendrick, L. D.**, & Straquadine, G. (2002). Utah agricultural education teachers' attitudes towards computers and computer technology. *Western Region Association of Agricultural Education Conference*, Spokane, WA, April 2002. Refereed paper. (Corresponding author)

PRESENTED POSTERS

Refereed/Invited Posters Presentations: Presented 91 (Career)

91. *Dobbins, C. E., **Edgar, L. D.**, & Dooley, K. E. (Accepted). Facilitating student engagement during international service learning: Utilizing the mini-ethnographic case study design. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*; Louisville, KY, Feb. 1-3, 2020. Refereed poster. (Co-author)
90. *Dobbins, C. E., *Gibson, K. E., **Edgar, L. D.**, & Dooley, K. E. (in review). Lived experiences during international service learning: A semiotic analysis of photo journals. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*; Louisville, KY, Feb. 1-3, 2020. Refereed poster. (Co-author)
89. *Parsons, E., Rucker, K. J., **Edgar, L. D.**, Garrison, M. B., & Cox, C. (2019) Poultry labeling: Knowledge and perceptions among adolescents. *Agricultural Education Section*

- of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb 3-5, 2019. Refereed poster. (Co-author)
88. *Whitehead, I., Johnson, D. M. Shoulders, K., & **Edgar, L. D.** (2019). Is 'rural' a risk factor for freshmen-to-sophomore non-retention in a college of agriculture? *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb 3-5, 2019. Refereed poster. (Co-author)
 87. *Dobbins, C., **Edgar, L. D.**, Cox, C., Graham, D. L., & Perez, A. (2019). A qualitative needs assessment of Arkansas urban agriculturalists. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb 3-5, 2019. Refereed poster. (Co-author)
 86. Edgar, D. W., Graham, D. L., & **Edgar, L. D.** (2018). University faculty perceptions of student entitlement. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed poster. (Co-author).
 85. *Caillouet, O., *Dobbins, C., **Edgar, L. D.**, & Edgar, D. W. (2018). A survey to describe the benefits and barriers of University of Arkansas students to study abroad. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed poster. (Corresponding author).
 84. *Caillouet, O., *Dobbins, C., Jogan, K. S., & **Edgar, L. D.** (2018). Swivl® and GoPro®: The use of video recording technologies to enhance student learning. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed poster. (Corresponding author).
 83. *Whitehead, I., **Edgar, L. D.**, & Edgar, D. W. (2018). Assessing and evaluating an honors program in a college of agriculture. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Jacksonville, FL, Feb 2-6, 2018. Refereed poster. (Corresponding author).
 82. *Whitehead, I., & **Edgar, L. D.** (2017). Creating and implementing a peer mentoring program in a college of agriculture. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Manhattan, KS, June 29-July 1, 2017. Refereed poster with published abstract in proceedings. (Corresponding author).
 81. Graham, D. L., **Edgar, L. D.**, & Edgar, D. W. (2017). Student and faculty perceptions of academic entitlement: An in-depth look at one southern Land Grant university. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Mobile, AL, Feb 8-10, 2017. Refereed poster. (Co-author). **Distinguished Research Poster**
 80. Graham, D. L., & **Edgar, L. D.** (2016). Academic entitlement: What do students and faculty think? *National Association of Colleges and Teachers of Agriculture (NACTA) Conference. NACTA Journal Supplement*, 60(1), 133. Manoa, Hawaii, June 21-24, 2016. Referred poster.
 79. *Bautista, K., Johnson, D. M. Shoulders, K., & **Edgar, L. D.** (2016). How are you going to keep them on the farm? Identifying which College majors return the most graduates to rural areas. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb 6-9, 2016. Refereed poster. (Co-author). **Distinguished Research Poster**
 78. *Kurtzo, F., Rucker, K. J., & **Edgar, L. D.** (2016). Skills, characteristics, challenges, and opportunities: Perceptions from agricultural communications professionals in industry,

- education, policy, and research. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb 6-8, 2016. Refereed poster. (Corresponding author). **Outstanding Research Poster**
77. *Kurtzo, F., Johnson, D. M., Shoulders, K., & **Edgar, L. D.** (2016). Perceptions of home community: Do rural and metropolitan students differ? *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb 6-9, 2016. Refereed poster. (Co-author).
 76. *Williford, B., Rucker, K. J., & **Edgar, L. D.** (2016). Literature from five decades of agricultural communications publications. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, San Antonio, TX, Feb 6-8, 2016. Refereed poster. (Corresponding author).
 75. *Northfell, A., **Edgar, L. D.**, Graham, D. L., & Rucker, K. J. (2015). Millennial alumni perceptions of communications media used by the Dale Bumpers College of Agricultural, Food and Life Sciences. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Athens, GA, June 16-19, 2015. Refereed poster with abstract published in proceedings. (Corresponding author)
 74. *Estes, H. K., Shoulders, C. W., Johnson, D. M., **Edgar, L. D.**, Rucker, K. J., & Graham, D. L. (2015). A comparison of academic engagement indicators between male and female students at the University of Arkansas. Poster presented at the 2015 *Annual Conference of the American Association for Agricultural Education Conference*, San Antonio, TX. (Refereed poster with abstract published in proceedings.)
 73. *Hansen, M. J., & **Edgar, L. D.** (2015). Potato GMOs: What's up in Belgium? *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA. Refereed poster with abstract to be published in proceedings. (Corresponding author)
 72. *Estes, S., & **Edgar, L. D.** (2015). Specialized experiential learning opportunities for students: lessons from a cookbook. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA. Refereed poster. (Corresponding author).
 71. *Estes, S., *Hansen, M. J., & **Edgar, L. D.** (2015). Students' barriers and influencers to participating in international experiences: A comparison of colleges at a land grant university. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA. Refereed poster. (Corresponding author).
 70. *Estes, H. K., Shoulders, C. L., Johnson, D. M., **Edgar, L. D.**, Graham, D. L., & Rucker, K. J. (2015). Comparing the academic engagement of agriculture and non-agriculture students at the University of Arkansas. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA. Refereed poster. (Corresponding author).
 69. *Jernigan, H. G., Robison, J., & **Edgar, L. D.** (2014). Cooperative Extension Service perceptions of incorporating infographics into public educational materials. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed poster with published abstract in proceedings. (Co-author)
 68. Graham, D. L., **Edgar, L. D.**, Shoulders, C. W., Rucker, K. J., & Johnson, D. M. (2014). Comparing senior agriculture and non-agriculture students' use of time. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed poster with published abstract in proceedings. (Co-author).

67. *Kildow, H., *Estes, S., Johnson, D. M., **Edgar, L. D.**, & Shoulders, C. W. (2014). Relationships between home community, major choice, and current residence for rural and non-rural graduates in the College of Agricultural, Food and Life Sciences at the University of Arkansas. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed poster with published abstract in proceedings. (Co-author).
66. *Pruitt, M. J., & **Edgar, L. D.** (2014). An analysis of genetically modified organism acceptability in Europe: A case study of the Belgium potato event. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed poster with published abstract in proceedings. (Corresponding author).
65. *Estes, S., Kildow, H., Johnson, D. M., **Edgar, L. D.**, & Shoulders, C. W. (2014). College choice and the rural brain drain: Evidence from one land-grant university. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Bozeman, MT, June 25-28, 2014. Refereed poster with published abstract in proceedings. (Co-author.)
64. *Jernigan, H. H., **Edgar, L. D.**, & Robison, J. (2014). Are you web ready? Using online training to incorporate web development and improvement in the Arkansas Cooperative Extension Service. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author).
63. *Calico, C., **Edgar, L. D.**, & Edgar, D. W. (2014). Building collaboration between university faculty, state staff, and high school teachers: A focus on the creation of agricultural communications curriculum in Arkansas. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author). **Distinguished Innovative Poster**
62. *Estes, S., **Edgar, L. D.**, & Johnson, D. M. (2014). Consumer perceptions of poultry production: An in-depth look at northwest Arkansas. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author). **Distinguished Research Poster**
61. *Jernigan, H. H., **Edgar, L. D.**, & Robison, J. (2014). Zooming into the future: Incorporating Zoom© webinar technology in the Arkansas Cooperative Extension Service. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author). **Distinguished Innovative Poster**
60. *Estes, S., *Johnson, T. L., & **Edgar, L. D.** (2014). Providing experiential, real world learning opportunities in collaborative coursework. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author). **Distinguished Innovative Poster**
59. *Hughes, A., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2014). Utilizing interactive software to engage students in electronic learning environments. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author). **Distinguished Innovative Poster**
58. *Hughes, A., *Johnson, T. L., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2014). Agricultural commodity messaging: A focus on assessment and evaluation. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Dallas, TX. Refereed poster. (Corresponding author).
57. *Northfell, A., *Jernigan, H., *Johnson, T. L., & **Edgar, L. D.** (2014). Strategic partnerships: Finding new ways to fund graduate assistantships. *Agricultural*

- Communications Section of the Southern Association of Agricultural Scientists Conference, Dallas, TX. Refereed poster. (Corresponding author).*
56. *Jernigan, H. H., **Edgar, L. D.**, & Robison, J. (2014). Weaving a new web: Using online training to incorporate web development and improvement in the Arkansas Cooperative Extension Service, *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference, Dallas, TX. Refereed poster. (Corresponding author).*
55. *Calico, C., **Edgar, L. D.**, & Edgar, D. W. (2014). Agricultural communications pilot curriculum in Arkansas secondary agricultural classrooms: Lessons learned and future direction. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference, Dallas, TX. Refereed poster. (Corresponding author).*
Second Runner-up Outstanding Research Poster
54. *Large, M., Miller, J. D., Cox, C. K., & **Edgar, L. D.** (2014). Active learning: A collaborative focus group activity in an introductory agricultural communications course. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference, Dallas, TX. Refereed poster. (Co-author).* **Runner-up Outstanding Innovative Poster**
53. Graham, D., Johnson, D. M., **Edgar, L. D.**, & Dixon, B. L. (2013). Student perceptions of a plus/minus grading system. *National Association of Colleges and Teachers of Agriculture (NACTA)*. Refereed poster, abstract published in *NACTA Journal, 57*, Supplement 1, p. 103. (Co-author)
52. *Calico, C., **Edgar, L. D.**, & Edgar, D. W. (2013). Creating agricultural communication curriculum in secondary agricultural education classrooms: An assessment of students' perceptions. *National Association of Colleges and Teachers of Agriculture (NACTA)*. Refereed poster, abstract published in *NACTA Journal, 57*, Supplement 1, p. 108. (Corresponding author)
51. *Calico, C., **Edgar, L. D.**, Cox, C. K., & **Jernigan, H. H. (2013). Implementation of agricultural communications curriculum and technology into schools. *Association for International Agricultural and Extension Education Annual Conference, Dallas, TX, May 19-23, 2013. (Corresponding Author).* **Outstanding Research Poster**
50. *Jernigan, H. H., **Edgar, L. D.**, & Cox, C. K. (2013). Cooperative Extension Service digital media training: Lessons learned and future direction. *Association for International Agricultural and Extension Education Annual Conference, Dallas, TX, May 19-23, 2013. Refereed poster, abstract published in NACTA Journal, 57, Supplement 1, p. 108. (Corresponding author)*
49. *Northfell, A., **Edgar, L. D.**, & Cox, C. K. (2013). College students' perceptions of a work-related international study tour experience. *Association for International Agricultural and Extension Education Annual Conference, Dallas, TX, May 19-23, 2013. (Refereed poster).*
48. *Northfell, A., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). Using reflective journals to gain insight into an agricultural communications intensive study tour. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author).*
47. *Calico, C., **Edgar, L. D.**, Edgar, D. W., Miller, J. D., Cox, C. K., & *Jernigan, H. H. (2013). A needs assessment of agricultural communications curriculum and technology in Arkansas high schools. *Agricultural Communications Section of the Southern Association*

- of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author).
46. *Northfell, A., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). Agricultural communications students' reflections of a Belgium study tour. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author).
 45. *Jernigan, H. H., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). Arkansas Cooperative Extension Service digital media training: Lessons learned and future direction. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author).
 44. *Northfell, A., *Calico, C., & **Edgar, L. D.** (2013). Providing experiential learning opportunities in campaigns courses. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author). **Outstanding Innovative Poster**
 43. *Northfell, A., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). Agricultural communications students' perceptions of a work-related international study tour experience. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author).
 42. *Jernigan, H. H., **Edgar, L. D.**, Cox, C. K., & Miller, J. D. (2013). Intensive digital technology training for Extension personnel: A focus on collaboration. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 2-5, 2013. Refereed poster. (Corresponding author). **Outstanding Innovative Poster**
 41. Yancey, J., Popp, J., Ahmed, B., Kegley, B., Brewer, V. **Edgar, L. D.**, Owens Hanning, C., Pettz W. & Anthony, A. (2013). Connecting women with agriculture: The 2012 moms on the farm tour. *Southern Sustainable Agriculture Working Group*. January 15-18, 2014, in Mobile, AL. Refereed poster. (Co-author).
 40. *Dees, B., **Edgar, L. D.**, & Edgar, D. W. (2012). Using new technologies to effectively capture scholarship creativity and save time. Poster presented at the *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Corresponding author).
 39. *Hunt, B. A., *Pennington, K., **Edgar, L. D.**, Cox, C., & Edgar, D. W. (2012). Arkansas secondary teachers' perceptions of a visual communications program involving curriculum and an experiential learning activity. Poster presented at the *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Corresponding author).
 38. *Pennington, K., **Edgar, L. D.**, Edgar, D. W., & Cox, C. (2012). An assessment of a visual communications program in Arkansas secondary agricultural science courses. Poster presented at the *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Corresponding author).
 37. Cox, C., Edgar, D. W., **Edgar, L. D.**, Johnson, D. M., Miller, J. D., & Wardlow, G. (2012). Professional development, community outreach, and fundraising through an annual lawnmower tune-up clinic. Poster presented at the *Agricultural Education Section of the*

- Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Co-author). **2nd Runner-up Outstanding Innovative Poster – SAAS AG ED Section**
36. Witt, C., Doerfert, D., Murphrey, T., Rutherford, T., Edgar, L. D., Edgar, D. W., & Irani, T. (2012). Using cognitive style to group graduate students in a virtual team environment. Poster presented at the *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Co- author).
 35. *Rhoades, T., *Hundley, C. T., & **Edgar, L. D.** (2012). Using blogs to advance skills and competencies in graphic design courses poster. Poster presented at the 2012 *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Birmingham, AL, Feb. 4-7, 2012. Refereed poster. (Corresponding author). **Outstanding Innovative Poster – SAAS AG COMM Section**
 34. Johnson, D. M., Edgar, D. W., **Edgar, L. D.**, & Pate, M. L. (2012). Awareness, use and perceptions of biodiesel: A comparison of agriculture and non-agriculture majors. Poster presented at the *National Association of Colleges and Teachers of Agriculture (NACTA)*. Refereed poster, abstract published in the *NACTA Journal*, 56, Supplement 1, p. 67. (Co-author).
 33. Witt, C., Doerfert, D., Rutherford, T., Murphrey, T., & **Edgar, L.D.** (2011). Contribution of selected instructional methods toward graduate student understanding of crisis communication. *National Association of Colleges and Teachers of Agriculture (NACTA) Conference*, Alberta, Edmonton, Canada, June 14-18, 2011. (Refereed poster)
 32. Witt, C., Doerfert, D., Rutherford, T., Murphrey, T., & **Edgar, L. D.** (2011). Analysis of pre- and post-assessment items in a graduate-level risk & crisis communication course. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Alberta, Edmonton, Canada, June 14-18, 2011. (Refereed poster)
 31. Rutherford, T., Doerfert, D., Murphrey, T., **Edgar, L. D.**, Leggette, H., & Dooley, K. (2011). Experiential learning, does the medium matter? Traditional case studies vs. Second Life®. *North American Colleges and Teachers of Agriculture (NACTA) Conference*, Alberta, Edmonton, Canada, June 14-18, 2011. (Refereed poster)
 30. *Hunt, B. A., **Edgar, L. D.**, Edgar, D. W., *Pennington, K., *McGuire, A., & Cox, C. (2011). Agricultural teachers facing the future in the digital classroom: An assessment of students' needs for training in electronic communication and technology. *American Association of Agricultural Education Conference*, Coeur d'Alene, ID, May 24-27, 2011. (Referred poster)
 29. *Pennington, K., **Edgar, L. D.**, Edgar, D. W., Cox, C., *McGuire, A., & *Hunt, B. A. (2011). A mobile classroom for visual communications on the road in Arkansas: Using high school students to create video and photo projects to promote agriculture. *American Association of Agricultural Education Conference*, Coeur d'Alene, ID, May 24-27, 2011. (Referred poster)
 28. Suddeth, A., Leggette, H., Rutherford, T., Doerfert, D., Murphrey, T., & **Edgar, L. D.** (2011). Integrating Second Life into crisis communication education. *Western Region of the American Association of Agricultural Education Conference*, Fresno, CA, April 20-22, 2011. (Referred poster) **Outstanding Innovative Poster**
 27. *Rhodes, T., Miller, J. D., & **Edgar, L. D.** (2011). Experiential and collateral learning: An assessment of an agricultural communications capstone course. *Agricultural*

- Communications Section of the Southern Association of Agricultural Scientists Conference*, Corpus Christi, TX, Feb. 6-9, 2011. (Referred poster) **Outstanding Research Poster – SAAS AG COMM Section**
26. *Pennington, K., **Edgar, L. D.**, Edgar, D. W., Cox, C., *McGuire, A., & *Hunt, B. A. (2011). A mobile classroom for visual communications on the road in Arkansas: Using high school students to create video and photo projects to promote agriculture. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Corpus Christi, TX, Feb. 6-9, 2011. (Referred poster) **Runner-up Outstanding Innovative Poster – SAAS AG COMM Section**
 25. *Hunt, B.A., **Edgar, L. D.**, Edgar, D. W., *Pennington, K., & *McGuire, A. (2011). Agricultural science technology needs: Agricultural science teachers facing the future in the classroom. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Corpus Christi, TX, Feb. 6-9, 2011. (Referred poster)
 24. *McGuire, A., **Edgar, L. D.**, Edgar, D. W., & *Pennington, K. (2011). Philosophical view for using Second Life™ as a teaching and learning tool. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Corpus Christi, TX, Feb. 6-9, 2011. (Referred poster)
 23. Cox, C., **Edgar, L. D.**, Munsie, K., Edgar, D. W., Graham, D., & Johnson, D. M. (2010). Student computer use in undergraduate agriculture courses: A 10-year study. *North American College Teachers of Agricultural Conference*, University Park, PA, June 23-25. (Refereed poster)
 22. **Edgar, L. D.**, Miller, J. D., McCollough, S., & McGee, K. (2010). Social media and small businesses: Creating marketing strategies in the digital age. *American Association of Agricultural Education Conference*, Omaha, NE, May 24-27, 2010. (Refereed poster)
 21. Witt, C., Doerfert, D., Rutherford, T., & **Edgar, L. D.** (2010). A needs assessment of crisis communications. *American Association of Agricultural Education Conference*, Omaha, NE, May 24-27, 2010. (Refereed poster)
 20. Miller, J. D., McCollough, S., **Edgar, L. D.**, & McGee, K. (2010). Social media marketing training for rural small business owners. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. (Refereed poster)
 19. **Edgar, L. D.**, *Pennington, K. H., Rutherford, T. A., Doerfert, D., & Murphrey, T. (2010). Industry professionals' perceptions of crisis communications educational needs for new professionals and best practices for Second Life© simulations. *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. (Refereed poster) **Outstanding Faculty Research Poster – SAAS AG COMM Section**
 18. *Glaze, C. D., **Edgar, L. D.**, Rutherford, T. A., & Rhoades, E. (2010). How do college students perceive rural America based on media photographs? *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 6-9, 2010. (Refereed poster)
 17. **Edgar, L. D.**, Miller, R. P., & Edgar, D. W. (2009). Creating international agricultural experiences in the virtual world: An exploration of Second Life. *International Agricultural and Extension Education Conference*, San Juan, Puerto Rico, June 2009. (Referred poster) **Outstanding Poster Presentation**

16. Edgar, D. W., **Edgar, L. D.**, & Killian, T. S. (2009). Networks of communication among students in a College of Agriculture course. *North American Colleges and Teachers of Agriculture Conference*, Stillwater, OK, June 17-19, 2009. (Referred poster)
15. *Glaze, D., & **Edgar, L. D.** (2009). Bridging the digital divide between industry and universities. *Association for Excellence in Agriculture, Natural Resources, and Life and Human Sciences Conference*, Des Moines, IA, June 6-9, 2009. (Refereed poster)
14. Edgar, D. W., Amaral, K., & **Edgar, L. D.** (2009). Networks of communication and knowledge transfer among students in a College of Agriculture introductory course. *American Association of Agricultural Education Conference*, Lexington, KY, May 20-22, 2009. (Referred poster). **Runner-up Outstanding Research Poster**
13. **Edgar, L. D.** (2009). How does previous research in agricultural communications fit into the National Research Agenda: Agricultural Education and Communication? *American Association of Agricultural Education Conference*, Lexington, KY, May 20-22, 2009. (Refereed poster)
12. **Edgar, L. D.**, & Edgar, D. W. (2009). How does previous research in the *Journal of Agricultural Education* compare to the National Research Agenda: Agricultural Education and Communication, 2007-2010? *American Association of Agricultural Education Conference*, Lexington, KY, May 20-22, 2009. (Refereed poster)
11. **Edgar, L. D.** (2009). How does previous research in the *Journal of International Agricultural and Extension Education* compare to the National Research Agenda: Agricultural Education and Communication, 2007-2010? *American Association of Agricultural Education Conference*, Lexington, KY, May 20-22, 2009. (Refereed poster)
10. Edgar, D. W., Amaral, K., & **Edgar, L. D.** (2009). Networks of communication and knowledge transfer among students in a College of Agriculture introductory course. *Southern Region American Association of Agricultural Education Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. (Refereed poster)
9. **Edgar, L. D.** & Edgar, D. W. (2009). A comparison of research themes in the *Journal of Agricultural Education* to the *National Research Agenda: Agricultural Education and Communication, 2007-2010*. *Southern Region American Association of Agricultural Education Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. (Refereed poster)
8. **Edgar, L. D.** (2009). How does past research in agricultural communications fit into the *National Research Agenda: Agricultural Education and Communication?* *Agricultural Communications Section of the Southern Association of Agricultural Scientists Conference*, Atlanta, GA, Jan. 31-Feb. 3, 2009. (Refereed poster) **Outstanding Faculty Research Poster – SAAS AG COMM Section**
7. Miller, J. D., **Edgar, L. D.**, & Amaral, K. (2008). The Arkansas Agritourism Initiative. *American Association of Agricultural Education Conference*. Reno, NV, May 21-23, 2008. (Refereed poster)
6. **Edgar, L. D.**, Doerfert, D. L., & Miller, R. P. (2007). How do we value water? A multi-state perspective. *American Water Resources Association Conference*, Albuquerque, NM. (Refereed poster)
5. **Edgar, L. D.**, & Rutherford, T. A. (2007). A semiotic analysis of the Texas Cooperative Extension marketing materials. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Mobile, AL, Feb. 3-7, 2007. (Refereed poster)

4. **Edgar, L.M.**, Edgar D.W., Lawver, D.E., & Briers, G.E. (2006). Why travel? Using international experiences to change students' perceptions and attitudes. *American Association of Agriculture Education Conference*, Charlotte, NC, May 16-19, 2006. (Refereed poster)
3. **Edgar, L. M.**, Edgar D. W., Lawver, D. E., & Briers, G. E. (2006). Why travel? Using international experiences to change students' perceptions and attitudes. *Western Region Agricultural Education Conference*, Boise, ID, April 19-22, 2006. (Refereed poster)
2. Miller, R. P., & **McKendrick, L. D.** (2006). Student networking: A fundamental ingredient of program success. *Agricultural Education Section of the Southern Association of Agricultural Scientists Conference*, Orlando, FL, Feb. 4-8, 2006. (Referred poster)
1. Miller, R. P., & **McKendrick, L. D.** (2005). Feeling lonely? Using web-based communication technology to minimize student isolation. *Western Region of the Association of Agriculture Education Conference*, Prescott, AR, April 20-23, 2005. (Refereed poster)

PROFESSIONAL DEVELOPMENT SEMINARS

Refereed Invited Professional Development Seminars: -- Presented 9 (Career)

Presented

9. Rucker, K.J., **Edgar, L.D.**, & Johnson, T. (2014). Getting off the struggle bus: Analyzing the success of an online graphic design course. *Association for Communication Excellence National Conference*. Portland, OR, June 24-28, 2014. (Referred seminar)
8. Miller, J.D., *Jernigan, H., **Edgar, L.D.**, Cox, C.K., & Rucker, K.J. (2013). Web and social media analytics. The workshop was presented to Arkansas Cooperative Extension Service personnel. (Reviewed workshop)
7. **Edgar, L. D.**, Cox, C.K., & Miller, J.D. (2012). Extension Digital Media Academy. A 5-day workshop presented to 23 Extension personnel in Arkansas. The workshop trained agents in photography, videography, and social media. (Reviewed workshop).
6. Rutherford, T., **Edgar, L.D.**, Doerfert, D., & Murphrey, T. (2011). A tour of AgriCulture: A crisis communications simulation island in Second Life©. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences*, June 2011(Referred seminar)
5. Rutherford, T., **Edgar, L.D.**, Doerfert, D., & Murphrey, T. (2011). Using Second Life© as a method for teaching and learning as a simulation based experience. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences*, June 2011 (Referred seminar)
4. **Edgar, L.D.** & Rutherford, T. (2010). Using Second Life© as a teaching and learning tool. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences*, June 2010, Des Moines, IA. (Referred seminar)
3. **Edgar, L.D.**, Phillips, L., Rutherford, T., & Doerfert, D. (2009). Creating international agricultural experiences in the virtual world: An exploration of Second Life. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences*, Des Moines, IA. (Referred seminar)

2. **Edgar, L.D.,** & Brynes, M. (2009). Sharing international experiences. *Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences*, Des Moines, IA. (Referred seminar)
1. **Edgar, L.D.,** Rutherford, T., & Briers, G.E. (2008). Connecting the dots: Research and collaboration. Four-hour professional development seminar at the *American Association of Agricultural Education*, Reno, NV. The theme of the workshop was adopted as the conference theme. (Referred seminar)

INVITED PRESENTATIONS

Invited Professional Presentations: Presented 18 (Career)

INVITED PRESENTATIONS

18. Invited Presentation, UGA College of Agricultural and Environmental Sciences, Women in Agriculture series. September 11, 2019.
17. Invited Presentation, Dale Bumpers College of Agricultural, Food and Life Sciences. University of Swaziland, Kwaluseni campus, Manzini District, Swaziland. May 16, 2017.
16. Invited Presentation, Possible collaborations between the University of Arkansas Dale Bumpers College of Agricultural, Food and Life Sciences and the University of Otago. University of Otago, Dunedin, Otago, New Zealand, January 2, 2016.
15. Invited Workshop, Improving agricultural communications curriculum in post-secondary institutions. IUBAT—International University of Business Agriculture and Technology, Dhaka, Bangladesh, March 25, 2015.
14. Invited Lecture, Higher education opportunities and agricultural communication careers. IUBAT—International University of Business Agriculture and Technology, Dhaka, Bangladesh, March 22, 2015.
13. LEAD21 Graduation Speaker, The future of land grant universities, Washington DC, February 26, 2015.
12. Invited Workshop, Improving teaching in agriculture. Bangladesh Agricultural Technical Institutes (ATIs), Dhaka, Bangladesh, March 17-18, 2015.
11. Invited Lecture, Expanding Collaboration, China Agriculture University, Beijing, China, January 12, 2015.
10. Invited Lecture, Creating faculty and program collaboration between universities, Northwest Agricultural and Forest University, Yangling, China, January 10, 2015.
9. Invited Lecture, Opportunities for collaboration, Northeast Agricultural University, Harbin, China, January 6, 2015.
8. Invited Lecture, Opportunities at the University of Arkansas for Belgium students. Ghent University, Gent, Belgium, October 23, 2014.
7. Teaching for tenure: High impact but difficult to document. Baum Teaching Workshop. University of Arkansas, August 21, 2014.
6. Extension Risk Management Education (ERME) Centers: Analysis of Past (2002-2011) Projects and Identification of Strategic Future Direction – An Investigative report of Impact and Scope, invited presentation June 20, 2012.

5. Justus Teaching Seminar & Idea Exchange for Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas: AgriCulture: Second Life Island, invited faculty lecture presentation August 19, 2011.
4. Justus Teaching Seminar & Idea Exchange for Dale Bumpers College of Agricultural Food and Life Sciences at the University of Arkansas poster presentation on industry professionals' perceptions of crisis communications educational needs for new professionals and best practices for Second Life© simulations, August 18, 2010.
3. Guest Speaker at the Teaching Faculty Support Center faculty luncheon. Advice of a new faculty to new faculty, September 21, 2009.
2. Justus Teaching Seminar & Idea Exchange for Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas: Second Life as an emerging educational tool, invited faculty lecture presentation, August 16, 2009.
1. Justus Teaching Seminar & Idea Exchange for Dale Bumpers College of Agricultural, Food and Life Sciences at the University of Arkansas: Using Camtasia to strengthen classroom teaching, invited faculty lecture presentation, August 15, 2008.

NON-REFERRED PUBLICATIONS

Non-Refereed Publications: -- Published 10 (Career)

Note. *Graduate student – directed student research

**Undergraduate student – directed student research

Published

Edgar, D. W., & **Edgar, L. D.** (2018). Telling our story through students: In & out of the classroom. *Agricultural Education Magazine*, 90(3), 5-6. (Invited, Corresponding Author)

*Yotty, A., Marcy, J. A., Pohlman, F. W., & **Edgar, L. D.** (December 2015/ January 2016). How food companies can modify their existing HACCP plans into an all-encompassing HARPC food safety plan. *Food Safety Magazine*. Available at <http://www.foodsafetymagazine.com/magazine-archive1/december-2015january-2016/how-food-companies-can-modify-their-existing-haccp-plans-into-an-all-encompassing-food-safety-plan/>

Estes, S. A., & **Edgar, L. D. (2013). Consumer perceptions of poultry production in Arkansas: Perceptions analysis. *Discovery*, 14, 18-22.

Jernigan, G. C., *England, J. R., & **Edgar, L. D. (2013). Assessment of students' crisis communications skill increase based on classroom instruction and Second Life™ training. *Discovery*, 14, 23-27.

Pruitt, M. J., **Edgar, L. D., & Johnson, D. M. (2013). Awareness, use, and perceptions of biodiesel: A comparison of consumers in Belgium and the United States. *Discovery*, 14, 66-71.

Johnson, D. M., **Edgar, L. D.**, & Edgar, D. W. (2013). Consumer awareness, use and perceptions of biodiesel. Paper presented at the 2013 *Annual International Meeting of the American Society of Agricultural and Biological Engineers*, Kansas City, MO.

Estes, S. A., *Pennington, K. P., & **Edgar, L. D. (2012). Visual communications on the road in Arkansas: Analysis of secondary students' videos. *Discovery*, 13, 11-16.

- Johnson, D. M., Edgar, D. W., & **Edgar, L. D.** (2012). Awareness, use, and perceptions of biodiesel among students at four universities. Paper presented at the 2012 *Annual International Meeting of the American Society of Agricultural and Biological Engineers*, Dallas, TX.
- Edgar, D. W., **Edgar, L. D.**, & Miller, J. D. (2010, winter). Experiential learning through communication and mechanization. *Agricultural Education Magazine*. (Invited)
- *Pennington, K. M., & **Edgar, L. D.** (2010, Fall). Industry professionals' perceptions of crisis communications educational needs for new professionals and best practices for Second Life© simulations. *Discovery*, 11, 33-39.
- Edgar, L. D.** & Edgar, D. W. (2009, fall). Steps to put the “fun” back in fundraising. *Agricultural Education Magazine*. (Invited) Available at https://www.naae.org/profdevelopment/magazine/archive_issues/Volume82/2009_11-12.pdf

TEACHING

PROGRAMS DEVELOPED & COURSES TAUGHT

From 2007 to 2017, I taught specialized and advanced communications courses for upper level and graduate agriculture students and Honors Program courses as needed.

- Courses taught and programs developed, available upon request.

UNDERGRADUATE RESEARCH (UA Honors Program)

Chaired: Total of 3 (Career)

McLeod, Alexandria (2017). *An assessment of communication strategies in Edinburgh, Scotland: A focus on news outlets used by select audiences*. Honors Distinction associated with B.S. in Agricultural Education, Communication, and Technology Department, University of Arkansas.

Pruitt, Maggie Jo (2014). *The crisis communication methods regarding genetically modified organism acceptability in Europe: A case student of the Belgium potato crisis*. Honors Distinction associated with B.S. in Agricultural Education, Communication, and Technology Department, University of Arkansas.

Estes, Stuart (2013). *Consumer Perceptions of Poultry Production in Arkansas*. Honors Distinction associated with B.S. in Agricultural Education, Communication, and Technology Department, University of Arkansas.

Committee: Total of 1 (Career)

B.S. - Honors Thesis

Goins, Taylor (2008). *Visual analysis of images with female athletes in five major magazines*. Department of Journalism, University of Arkansas.

GRADUATE STUDENT COMMITTEES

Chaired: Total of 18 (Career)

M.S. – Thesis

Completed

- Dobbins, Catherine (2019). A needs assessment of Arkansas urban agriculture producers and an assessment of agricultural Extension agents' abilities to assist urban agriculture producers. AECT, University of Arkansas.
- Kurtzo, Fawn (2017). *Assessment of the Arkansas horse 4-H program: Perspectives from multiple stakeholders*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas.
- Hansen, Maggie Jo (2016). *Nutritional deficiencies during the harvest season according to household consumption and level of nutritional knowledge: A case study of northern Mozambique*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. **Selected as UA submission to ACE outstanding thesis competition.**
- Estes, Stuart (2015). *Poultry production messaging: A content analysis of select newspapers from 1994 to 2014*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas.
- Calico, Carley (2014). *Knowledge, perceptions, and outcomes of agricultural communications curriculum in Arkansas secondary agricultural classrooms*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by a USDA NIFA SPECA grant)
- Gentry, Mia (2014). *Identification and development of the support needs in nematology for Arkansas Cooperative Extension Personnel*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the University of Arkansas Agricultural Experimental Station).
- Hughes, Amy (2014). *A content and visual analysis of promotional pieces used to promote the Arkansas Soybean Promotion Board*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas.
- Johnson, Tara (2014). *A mixed methods approach of communication campaign development and assessment: Identifying the needs of an audience and determining the value in evaluation*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the Arkansas Soybean Promotion Board and the Arkansas Water Resource Center).
- Northfell, Amanda (2014). *Millennial alumni perceptions of communications media utilized by the Dale Bumpers College of Agricultural, Food and Life Sciences*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the Dale Bumpers College of Agricultural, Food, and Life Sciences). **Outstanding Thesis, the Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences**

- Pennington, Kristin (2012). *Knowledge, perceptions and attitudes of secondary high school students when completing three modules in agricultural communications and participating in an intensive hands-on integrated experience*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by a USDA Higher Education Challenge grant and a NIFA SPECA grant). **Second Runner-up Outstanding Research Proposal from the Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences**
- McGuire, Allyson (2011). *Using select social networking sites to improve student motivation and knowledge retention*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the TFSC and a USDA Higher Education Challenge grant). **Runner-up Outstanding Thesis from the Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences**
- Glaze, Catherine (2010). *Agricultural students' perceptions of images depicting rural America: Focus group analysis of image influence to live/relocate to rural communities*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the Dale Bumpers College of Agricultural, Food, and Life Sciences).
- Norton, Mindy (2009). *Angus Productions Inc.: Understanding the readership of the Angus Journal*. M.S. in Agricultural and Extension Education. Agricultural Education, Communications, and Technology Department at the University of Arkansas. (Funded by the American Angus Association)

M.S. – Non-Thesis Completed

- Jernigan, Hayley (2015). AECT, University of Arkansas.
Lansdell, Joshua (2014). AECT, University of Arkansas.

Committee Member: Total of 21 (Career)

Completed

Ph.D. – Dissertation

- Ondier, George (2012). *High temperature drying characteristics of rough rice*. Food Science Department, University of Arkansas.

M.S. – Thesis

- Parsons, Eleni (2019). *Poultry labeling: Knowledge, perceptions, and preferences among Adolescents*. AECT, University of Arkansas.
- Estes, Hanna (2015). *The aspirations of rural youth in Arkansas: A comparison of locales*. AECT, University of Arkansas.
- MacDonald Yotty, Amanda (2015). *HACCP in a FSMA World: Transformation of HACCP plans in light of the Food Safety Modernization Act*. Food Safety Program, University of Arkansas.
- Webb, Larry (2013). *Beef safety: An inspection of industry standards*. Food Safety Program, University of Arkansas.

Speight, Lauren (2013). *Trends in Fashion using Body Scanning*. School of Human and Environmental Sciences, University of Arkansas.

Leal, Arthur (2013). *Visual and linguistic influences on public perceptions*. AECT, University of Arkansas.

Bills-Hunt, Beth Ann (2012). *Impacting cognitive achievement of traditional and non-traditional students in secondary agricultural education courses through cooperative learning*. AECT, University of Arkansas.

Hundley, Chase (2012). *Aesthetic quality of agricultural websites and its effect on public perceptions of agricultural topics, issues, and organizations*. AECT, University of Arkansas.

Koone, Rebeckah (2012). *Wine pairing: Food versus vine*. School of Human and Environmental Sciences, University of Arkansas.

Rushing, Traci (2012). *Assessing capstone courses using the 5 R model*. AECT, University of Arkansas.

Amaral, Katie (2009). *Agritourism: Perceptions of agricultural students on the viability of the profession*. AECT, University of Arkansas.

M.S. – Non-Thesis

Dement, Karla (2016). Human and Environmental Sciences (HESC), University of Arkansas.

Welsh, Keri (2016). HESC, University of Arkansas.

Waller, Sara Beth (2013). Agricultural Extension and Education Dept. (AEED), University of Arkansas

Wallace, Timothy (2010). AEED, University of Arkansas.

Rowe, Kim Hurst (2009). AEED, University of Arkansas.

Yingling, Jan (2009). AEED, University of Arkansas.

McFarland, John (2009). AEED, University of Arkansas

Dawson, Amy (2008). AEED, University of Arkansas.

In Progress

Ph.D. – Dissertation

None currently

M.S. – Thesis

None currently

M.S. – Non-Thesis

None currently

SERVICE AND OUTREACH

PROFESSIONAL

- Vice-chair, NCAC-024, 2020
- Research discussant, Women and Gender Roles in Agriculture, Southern Association of Agricultural Scientists (SAAS) for the Agricultural Education Section, 2020
- Secretary, NCAC-024, 2019-2020

- Chair, NCAC-024 Subcommittee on Developing a Research Platform to Leverage Faculty in to Cross-Disciplinary Teams, 2019-2020
- Regional Conference Chair, Agricultural Education Southern Association of Agricultural Scientists Conference, 2019-2020
- Chair, NCAC-024 Subcommittee on “Plausibility of developing a National Research Support Project (NRSPs)”, 2018-2019
- Member, Program Review Team for the Herbert College of Agriculture at the University of Tennessee, Knoxville, 2018
- Chair, Communications Committee for the Association for International Agricultural and Extension Education (AIAEE), 2017-2018
- Research discussant, Community and Civic Engagement, Southern Association of Agricultural Scientists (SAAS) for the Agricultural Education Section, 2019
- Member, AAAE Strategic Plan Team Goal 1, 2017-2018
- Judge, *Journal of International Agricultural and Extension Education* Article of the Year, 2017
- Editorial Board Member, *Journal of International Agricultural and Extension Education*, 2016-present
- Executive Editor, *Journal of Applied Communications (JAC)*, 2015-2017
- Chair, Research Special Interest Group (SIG) for the Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE), 2015-2016
- Chair, Audit Committee for AIAEE, 2015-2016
- Chair, ACE Research Paper Program Presentation, 2015
- Member, Program Review Team for the Department of Agricultural Leadership, Education and Communication at the University of Nebraska-Lincoln, 2014
- Vice-Chair, Research SIG for ACE, 2014-2015
- Judge, *Journal of Applied Communications* Journal Article of the Year, 2014
- Chair, ACE Conference Research Manuscript Selection, 2014
- Member, Audit Committee for AIAEE, 2014-2015
- Judge, *Journal of Applied Communications* ACE Research Article Conference Edition, 2014
- Judge, *Journal of Applied Communications* Journal Article of the Year, 2013
- Editorial Board Member, *Journal of Southern Agricultural Education Research*, 2013-2016
- Vice Chair Elect, ACE Research SIG, 2013-2014
- Co-Chair, Communications Committee for the Association of International Agricultural and Extension Education (AIAEE), 2013-2014
- NACTA Representative at the University of Arkansas, 2013-2016
- Member, Editorial Board of the *Journal of Applied Communications (JAC)*, 2012-2016
- Member, Editorial Board of the *International Journal of Agricultural Management and Development (IJAMAD)*, 2011-2013
- Manuscript Reviewer, *IJAMAD*, 2010-2015
- Conference Chair, Southern Association of Agricultural Scientists (SAAS) for the Agricultural Education Section, 2010-2011
- Program-Chair, SAAS – Agricultural Communications Section, 2010
- Secretary, Southern American Association for Agricultural Education (AAAE) Program Committee, 2009-2010

- Chair, Outstanding Research Paper Presentation Southern AAAE, 2009-2010
- Chair, Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE) International SIG, 2009-2010
- Member of the AG*IDEA Agricultural Communications curriculum committee, 2009-2012
- Secretary, SAAS – Agricultural Communications Section, 2009
- Manuscript Reviewer, *Journal of Agricultural Education*, 2008-present
- Manuscript Reviewer, *Journal of Applied Communications*, 2008-present
- Manuscript Reviewer, *Journal of International Agricultural and Extension Education*, 2008-present
- Member, Southern AAAE Program Committee, 2008-2009
- Vice-chair, ACE International SIG, 2008-2009
- Vice-chair Elect, ACE International SIG, 2007-2008
- AAAE Poster Judge, 2007-2011
- Member, AAAE Agricultural Communication Program SIG, 2007-present
- Adviser, Agricultural Communicators of Tomorrow (ACT), 2007- 2012
- Member, ACE Research Program SIG, 2006-present
- Member, ACE Academic Program SIG, 2006-present
- Manuscript Reviewer, AAAE, ACE, and AIAEE, 2006-present

INSTITUTIONAL

- Chair, UGA CAES Communication Strategies, 2019-present
- Member, UGA CAES StratOps (one of eight team members and only Head selected), 2019-2020
- Member, UGA CAES Administrative Council, 2018-present
- Member, UGA CAES Graduate Affairs and Curriculum Committee, 2018-2019
- Member, UA Global Taskforce, 2017-2018
- Chair, UA Calendar Committee, 2014-2016
- Baum Teaching Workshop Seminar Presenter, *Teaching for Tenure*. A 50-minute workshop for 35-40 University faculty attendees. Evaluation: Content – 1.23, Logic – 1.38, Evidence – 1.92, and Engagement – 1.46, based on a 5-point Likert-type scale (1 = strongly agree to 5 = strongly disagree), August 2014
- Member, AECT M.S. Selection Committee, 2013-2016
- Member, UA International Education Advisory Council (IEAC), 2013-2018
- Director, International Programs for the Dale Bumpers College of Agricultural, Food and Life Sciences (Bumpers College), 2013-2018
- Member, Bumpers College Dean’s Executive Committee, 2013-2018
- Chair, Bumpers College International Programs Committee, 2013-2018
- Member, UA Calendar Committee, 2010-2012
- Chair, Bumpers College Global Perspectives Subcommittee, 2012-2014
- Research Judge, Gamma Sigma Delta graduate and undergraduate research presentations. University of Arkansas, 2011-2018
- Chair, UA Bumpers College Curriculum Committee, 2010-2011
- Editor, *AR Culture*, a student produced magazine for the University of Arkansas, 2010-2016
- Member, UA Academic Advising Council, 2009-2010

- Developed and launched new Teaching Faculty Support Center (TFSC) website, 2009
- Invited presenter at the Teaching Faculty Support Center faculty luncheon, 2009, 2014
- Member, UA Bumpers College AFLS M.S. Steering Committee, 2008-2012
- Secretary, UA Bumpers College Curriculum Committee, 2008-2009
- Member, AFLS Nutrition Committee, 2008-2010
- Revamped the UA Bumpers College Advising website, 2008
- Presenter, Justus Teaching Seminar & Idea Exchange for Dale Bumpers College at UA - faculty lecture presentation, 2008-2010
- Member, UA Bumpers College Advising Committee, 2007-2010
- Member, UA Bumpers College Curriculum Committee, 2007-2012
- Member, UA Bumpers College Retention Task Force, 2007-2009
- Advisor, Sigma Alpha (Professional) Sorority Faculty, 2007-2010
- Editor, AECT departmental newsletter, 2007-2011
- Chair, UA AEED Development Committee for Scholarship Funding, 2007-2009
- Member, UA AECT Recruitment Committee, 2007-2012
- Member, UA AECT M.S. Distance Education Degree, 2009-2013

STATE

- Oversee 8 ALEC faculty with Extension and Outreach appointments, 2018-present
- Participate in various Extension workshop trainings, 2018-present
- Recruit students for ALEC undergraduate and graduate programs, 2018-present
- Developed visual communications curriculum for secondary high schools in Arkansas. High school student videos created via the visual communications mobile classroom project are posted at <http://www.youtube.com/user/AEEDVisual>.
- Visited more than 50 high schools, county fairs and Extension events to recruit students and promote agriculture, 2007-2014

NATIONAL

- Completed a 10-year assessment of the Extension Risk Management Education Centers and created a 32-page, full-color brochure to share with potential funding agencies, 2014
- Developed American Origin Products (AOP) website (<http://aop.uark.edu>), Press Packet and Brochures, 2009-2010
- Presented six professional development seminars at ACE focused on teaching and research activities, 2009-2015
- Presented professional development seminar: *Connecting the dots: Research and collaboration*. A 4-hour workshop at the 2007 AAAE Conference, Reno, NV. The theme of the workshop was adopted as the conference theme. Evaluation – 3.9 on a 4 point Likert Scale (1 = disagree to 4 = agree) – 78 attendees.