

## *CURRICULUM VITAE*

### *Leslie D. Edgar*

Associate Dean of Research and Agricultural Experiment Station Director  
College of Agricultural, Consumer, and Environmental Sciences (ACES)  
New Mexico State University (NMSU) • Box 30003, MSC 3BF • Las Cruces, NM 88003-8003  
479-263-0408 Cell • 575-646-1138 Work • ledgar@nmsu.edu

#### **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 of Research 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)

**Professor, Agricultural and Science Communication** 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)

**Associate Professor** August 2012 – June 2016  
University of Arkansas, Fayetteville, Arkansas  
Agricultural Education, Communications and Technology Department (AECT)

**Marketing Consultant** August 2010 – January 2017  
Performance Diesel Inc., St. George, Utah

**Business Development Analyst** May – August 2010  
J.R. Simplot Company, Boise, ID

- Assistant Professor** August 2007 – July 2012  
**University of Arkansas**, Fayetteville, Arkansas  
 Agricultural and Extension Education Department (AEED)  
 Agricultural Communications Concentration
- Graduate Teaching Assistant** January 2006 – August 2007  
**Texas A&M University**, College Station, Texas  
 Agricultural Leadership, Education, and Communications Department (ALEC)
- Development Director** August 2004 – August 2005  
**American West Heritage Center** (non-profit), Wellsville, Utah
- Grants and Membership Coordinator** February 2003 – August 2004  
**Western Folklife Center** (non-profit), Elko, Nevada
- Adjunct Instructor** January 2002 – May 2004  
**Great Basin Community College**, Elko, Nevada
- Education Coordinator,** November 2001 – February 2003  
**Western Folklife Center** (non-profit), Elko, Nevada
- Graduate Research Assistant** August 2000 – November 2001  
**Utah State University**, Logan Utah  
 Agricultural Systems, Technology, and Management Department

#### **LICENSES, CERTIFICATIONS, AND TRAINING**

- 2019 University of Georgia (UGA) High Impact Leadership  
 2017 Qualifying Administrator for the Intercultural Development Inventory (IDI)  
 2018 Food Systems Leadership Institute (FSLI) Fellow, Association of Public and Land-Grant Universities (APLU)  
 2014 LEAD 21: Leadership for the Twenty-first Century Certification  
 2007 eLearning Certificate, Distance Education Training, Texas A&M University  
 2004 Blackbaud-Raisers Edge Training Program Certificate, Blackbaud Constituent Management  
 2004 Grantsmanship Training Program Certificate, The Grantsmanship Center  
 2003 Grant Proposal Specialist Certificate, Resource Development Conference awarded by Gordon Dean Development Corporation

#### **HONORS AND AWARDS**

##### **Teaching and Advising**

- 2015 North American Colleges and Teachers of Agriculture (NACTA) Teaching Scholar Award (National)  
 2014 Academic Award of Excellence – Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (National)  
 2014 Jack G. Justus Endowment for Teaching Excellence Award (College)  
 2013 University of Arkansas Teaching Academy Fellow (University)  
 2013 National New Teacher Award for Excellence in College and University Teaching in the Food and Agricultural Sciences from the Association of Public and Land Grant Universities and the US Department of Agriculture (National)  
 2013 UA Office of Nationally Competitive Awards Outstanding Mentor Award  
 2013 NACTA Teacher Fellow Award (National)  
 2013 NACTA Teaching Award of Merit (National)  
 2013 John W. White Outstanding Teaching Award Recipient (College)  
 2012 Golden Tusk Award of the UA Division of Student Affairs

## Research

- 2019 Outstanding Research Paper, Association for International Agricultural and Extension Education (AIAEE)
- 2018 Journal of International Agricultural and Extension Education (JIAEE) Distinguished Article of the Year Award
- 2018 Distinguished Research Manuscript, American Association of Agricultural Education (AAAE)
- 2018 Distinguished Research Award, Southern Region of the American Association of Agricultural Education (SRAAAE)
- 2017 Second Runner Up Abstract Presentation, AIAEE
- 2017 Distinguished Research Poster, SRAAAE
- 2016 Distinguished Research Manuscript, SRAAAE
- 2016 Outstanding Research Poster, Southern Association of Agricultural Scientists (SAAS) Agricultural Communications (AG COMM) Section
- 2016 Distinguished Research Poster, SRAAAE
- 2015 Journal of Applied Communications Article of the Year Award
- 2015 Outstanding Research Presentation, AIAEE
- 2014 Outstanding Research Manuscript, Association for Communication Excellence in Agriculture, Natural Resources, and Life and Human Sciences (ACE)
- 2014 Runner-up Outstanding Innovative Poster – SAAS AG COMM Section
- 2014 Second Runner-up Outstanding Research Poster – SAAS AG COMM Section
- 2014 Distinguished Innovative Poster Award, *Building Collaboration* – SAAS Agricultural Education (AG ED) Section
- 2014 Distinguished Innovative Poster Award, *Zooming into the Future* – SAAS AG ED Section
- 2014 Distinguished Innovative Poster Award, *Providing Experiential, Real World Learning* – SAAS AG ED Section
- 2014 Distinguished Innovative Poster Award, *Utilizing Interactive Software* – SAAS AG ED Section
- 2014 Distinguished Research Poster – SAAS AG ED Section
- 2013 Research Award of Excellence – ACE
- 2013 Outstanding Poster – AIAEE
- 2013 Outstanding Innovative Poster – SAAS AG COMM Section
- 2013 Outstanding Innovative Poster – SAAS AG ED Section
- 2012 Distinguished Research Manuscript – Southern Region of the American Association of Agricultural Education (SRAAAE)
- 2012 Second Runner-up Outstanding Innovative Poster – SAAS AGED Section
- 2012 Outstanding Innovative Poster – SAAS AG COMM Section
- 2011 Outstanding Research Paper and Presentation – ACE
- 2011 Outstanding Innovative Poster – Western Region of the American Association of Agricultural Education (WRAAAE)
- 2011 Outstanding Research Poster – SAAS AG COMM Section
- 2011 Outstanding Innovative Poster – SAAS AGED Section
- 2010 Outstanding Faculty Research Poster – SAAS AG COMM Section
- 2009 Outstanding Poster – AIAEE
- 2009 Runner-up Outstanding Research Poster – AAAE
- 2009 Outstanding Faculty Research Paper and Presentation – SAAS AG COMM Section
- 2009 Outstanding Faculty Research Poster – SAAS AG COMM Section
- 2008 ACE Doctoral Dissertation Award Runner-up
- 2007 ACE Doctoral Dissertation Proposal Award Winner

## Service/Professional

- 2018 Outstanding Achievement Award, Association for International Agricultural and Extension Education (AIAEE)
- 2017 Food Systems Leadership Institute (FSLI) Fellow
- 2016 Winrock International President's Volunteer Service Award
- 2015 Association for International Agricultural and Extension Education (AIAEE) Fellow

## ADMINISTRATION

**New Mexico State University—May 2020-Present**  
***College of Agricultural, Consumer, and Environmental Sciences (ACES) Associate Dean of Research  
and Director Agricultural Experiment Station (AES)***

The NMSU is a Hispanic (HIS) and Minority serving institution (MSI) at a R2 classification with an Agricultural Experiment Station (AES) that supports research addressing real-world problems. Research is at the core of NMSU's mission to improve upon the lives of people globally. AES supports research designed to:

- Enhance agricultural profitability.
- Stimulate economic development using natural resources.
- Improve the quality, safety, and reliability of food and fiber products.
- Sustain and protect the environment with ecologically sound practices.
- Manage and protect natural resources.
- Improve the quality of life for the people of New Mexico.

In May 2020, joining the largest land holding Land-grant University in the nation during the onset of a pandemic was challenging. Although, there is tremendous opportunity in New Mexico, and food and agriculture are critical to our future and the success of our nation and the world, we were struggling with our voice. At the state level, there was pressure to close one or more of the 12 agricultural research and science centers, and we were asked to reduce our state budget by 6% (due to financial concerns from the pandemic in a largely oil and gas state). When I accepted this position, I did not know I would join NMSU in a crisis, but working collectively and strategically with our partners, NMSU AES has become a stronger, more resilient system.

In my role, I provide leadership and administrative oversight for New Mexico's AES (including 12 Agricultural research and science centers [ASCs] and 8 academic/research departments). I direct collaborative interdisciplinary research teams, provide support of faculty development and pursuit of extramural funding, research program planning and direction, strategic planning, fiscal and personnel management, allocation of resources, regulatory compliance, accountability to stakeholders, and advocacy for New Mexico agriculture, food, and natural resources. Supporting and enhancing the research arm of the College of ACES, focused on four pillars of economic and community development, that include: 1) food and fiber production and marketing, 2) water use and conservation, 3) family development and health of New Mexicans, and 4) environmental stewardship. These pillars are built on the foundation of education and training. Under my leadership, AES supports and enhances NMSU's research and creativity through research designed to enhance and expand research and creativity in these four pillars.

Our future research in the College of ACES has focused on transformative and strategic opportunities, including:

- Discovering our research roadblocks and creating strategies to overcome them,
- Creating a culture shift to ensure a commitment to research success (as well as diversity, inclusiveness, and excellence),
- Aligning and integrating our on-campus departments and research units with our off-campus agricultural science and research centers, including strategic plan development/enhancement and success metrics aligned with operational budget allocation,
- Leveraging partnerships, knowledge transfers, and spillovers to enhance and expand economic and community development, and
- Using data, relationships, and increased strategic communication channels to enhance our prominence and prestige.

Under my leadership, NMSU AES has extended efforts related to LEADS 2025 (our university strategic plan) and created greater support mechanisms for our researchers as we expand and enhance our transdisciplinary

teams. We have leveraged resources, opportunities, and people across the state, nation, and globe. NMSU AES continues to develop new forms of collaboration and partnership to enhance our unique opportunities and areas for growth. For example, in 2023, we requested two congressional direct spending requests with our ARS partners (\$3.5M), teamed up with three universities and a state agency to secure \$10M in funding for the NM Reforestation Center, and expanded our industry partners to include ConocoPhillips in our research collaboration. In 2022, I reorganized the main AES office to assist with increased support, budget oversight, and promotional strategies to tell our story and further highlight our unique resources and engagement in expanding and enhancing economic and community development across New Mexico. I am committed to communicating continuously, and our goal to do business differently as we to deliver our mission.

NMSU AES continues to leverage our existing areas of strength to solve the most pressing challenges faced by our state, nation, and the world. To return to R1 status, our primary focus has been on research productivity, but the plan also incorporates strategies to strengthen and enhance the outreach components of our Land-grant mission. To achieve a world-renowned recognition in research, we have focused on: 1) a compelling industry need or problem to solve, 2) skilled researchers, 3) state of the art equipment, and 4) world-class facilities. I have also been committed to enhancing investments in people, equipment, and facilities to drive research and innovation within this critical economic sector of the state. Our priority has been to enhance New Mexico's economy and elevate ACES and NMSU in the rankings via four specific areas: 1) increased grantsmanship efforts as well as diversified funding portfolios, 2) increased number of innovations entering the marketplace, 3) increased research publications, and 4) an enhanced reputation among our peer institutions.

On an annual basis, I oversee approximately \$3.5M in federal capacity funding, \$19M in state recurring dollars, between \$3-17M in one-time project funding, \$25-50M in grants and contracts, and \$3-5M in sales and services. We have over 500 employees in the NMSU AES system and manage more than 106K acres of land across the state.

### **2022 Highlights**

- AES Reorganization and Hires:
  - Associate Director vacant position filled.
  - Hired AES fiscal support, seeking event planner, and continuing the hires of assistant farm/ranch managers to stabilize our research efforts at the 12 Agricultural Science Centers (ASC).
  - Three active searches for high level scientists and ASC research directors underway.
  - Held listening sessions to hear concerns and discuss the integration of the pilot program permanently (separate farm/ranch managers budgets and goals from research directors/coordinators budgets and goals to enhance the overall productivity of our lands and assets).
- Hosted four Town Hall/Listening sessions on umbrella projects needed to realign federal funding.
- Other efforts related to HR:
  - General hiring and other faculty/staff/student support.
  - Financially supported eight post-docs to enhance research capacity (cost shared-depts, AES, VPR).
  - Reviewed, negotiated, and approved 12 start-up packages for ACES faculty.
  - Served as search chair for ACES Assistant Dean of Economic and Rural Development.
- Efforts related to budget:
  - Continued to work on aligning AES budgets and gain clarity regarding personnel/operations.
  - Reviewed all federal capacity projects, grants awarded, and impacts for the previous 5-years. Created 20 umbrella projects that support the 4 pillars of ACES and working to reallocated funds to enhance research. AES was proactive in addressing equity concerns prior to the NIFA civil rights compliance review.
  - Separated budgets at all ASCs in farm/ranch or research areas, empowered leadership in their respective roles, and reviewed personnel needs.
  - Launched master plans for ASCs renovations, ASC energy assessment, and Heritage Farm/Farm of the Future (west entrance of main campus).

- As part of Facilities Condition Index Assessment (FCIA), prioritized ASC renovations and worked with Central to request \$6.5M in legislative funding during the 2023 session.
- Finalized \$3M capital outlay critical repairs at ASCs. Seven existing ASC projects are ongoing for the \$4.5M in 2021 and \$2M in 2022 which address the critical repair needs at the off-campus ASCs.
- Received \$1,075K in recurring support for AES and almost \$4M in one-time funding for FY23. Submitted RPSP requests to increase AES base funding by \$765K and identified \$12.5M (\$6M ASC equipment, \$5M ASC renovation, \$1.5M in ASC demolition) in capital outlay requests through FY24 NMSU legislative process.
- Received Congressional Direct Spending (CDS) funds in FY22 for weather station expansion in the amount of (\$1.81M), carbon management (\$995K), and \$844K for agrivoltaics in FY23
- Efforts to increase research funding—continued to encourage and support faculty grant submissions resulting in an increase from 224 awards submitted and \$31.6M funded (2020); 233 awards submitted and \$29.6M funded in 2021; 132 awards submitted and \$24.8M funded (the fifth consecutive year of highest funded college).
- Submitted \$10M NextGen grant proposal to expand diverse graduate programs in ACES, specifically focused on American Indian students and a direct connect to our three Tribal Universities in the state.
- Efforts related to facilities – Completed facilities condition index assessments at all ASCs. This baseline is being used in the following university efforts: master plans for ASCs, energy, and heritage/farm of the future. Continued to strengthen working relationship with Facilities and Services (F&S), especially with interim and new hire Assoc. VP of Facilities to ensure ASCs remain on university priority list.
  - Worked with F&S regarding current and ongoing repairs for critical ASC projects.
- Efforts related to ASC—most ASCs hosted a field day in 2022 and many held legislative committees. All ASCs will host field days annually beginning in 2023. AES also added 3 Research Coordinators; completed visitor guidelines; and finalizing ASC advisory committee guidelines.
  - All updated their 5-year strategic plan that included R/T/E goals.
- Efforts related to Public Relations and Marketing:
  - Increased print, social media, and web presence regarding AES activities (including biweekly submissions to the Deans and monthly submissions to the VPR newsletters).
  - Completed annual reports for all ASCs and 2022 AES Outlook to share with stakeholders.
  - Created promotional and equipment need flyers for all ASCs.
  - Attended commodity and stakeholder meetings and promoted AES.
- Continued Legislative Finance Committee (LFC) relations and worked to appropriately communicate how our diverse funding and grant portfolio adds value to the state and nation. Hosted LFC members at Alcalde, Los Lunas, and Mora research and science centers.
- Hosted multiple congressional legislators (Senator Lujan & Senator Henrich) at Alcalde, Mora, and Fabian Garcia.
- State legislators’ visits to ASC’s Artesia, College Ranch, Corona, Fabian Garcia, Farmington, Leyendecker, Los Lunas, Mora, and Tucumcari.
- Board of Regent visits to ASCs: Los Lunas (Regent Romero) and Mora (Regent Chair Devasthali).
- Initiated and revised an all-ACES laboratories platform that includes FCIA, asset compilation, personnel use, and funding that will be launched at the university level in 2023. This platform will be used as a mechanism to prioritize repairs on main campus.
- As part of the University research leadership team, met with VPR and ADRs monthly to discuss research and collaborative opportunities, 2020-present.
- Continue to serve as the Goal Team 2 (Research) champion for 2.4.5 (*Seek opportunities for research to collaborate with the Cooperative Extension Service, engineering extension and outreach, STEM Outreach Center, and other outreach programs and monitor for opportunities of technology transfer*), 2021-present.
- Completed MOA for the NM Reforestation Center (EMNRD-Forestry Division, NMHU, and UNM), testified at SSTC interim committee, and sought state and congressional financial support.
- Negotiated purchase of the Mora research station with all state approvals and paperwork.
- AES and ASC participation was requested by numerous entities including private, commercial, state, and federal entities, further establishing our value and reach.

## **2021 Highlights**

- AES Staffing:
  - Hired the AES Programs Operations Director position.
  - Hired AES Administrative Assistant.
  - Implemented pilot program and began separating farm/ranch operations and research.
- Other efforts related to HR:
  - Worked with ACES Dean, ACES HR, and Department Heads to review all research faculty positions and move them to research scientists.
  - Approved six post-docs to support research needs in productive units, using salary savings.
- Efforts related to budget:
  - Continued to work on aligning AES budgets and gain clarity regarding personnel/operations.
  - Reviewed and reallocated Capacity funds to better meet research needs.
  - Reviewed and approved ACSs personnel needs, and ACES faculty needs.
  - Oversaw \$3M capital outlay critical repairs at ASCs and obtained \$4.5M in 2021 to continue to address critical repair needs at the off-campus ASCs.
  - Submitted RPSP request to increase AES base funding by \$500K and identified \$16M (\$7.5M ASC equipment, \$4M ASC renovation, \$1.2 Digital Ag, \$1.3M Carbon Management & Soil Health, \$2M GO Bond equipment) capital outlay requests through NMSU process.
- Efforts to increase research funding—encouraged and supported faculty grant submissions resulting in an increase from 224 awards submitted and \$31.6M funded (2020) to 233 awards submitted and \$29.6M funded (slight dip in funding awarded, but still the highest funded college).
- Efforts related to facilities – Completed facilities condition index assessments at all ASCs. This baseline is being used in university efforts. Continued to strengthen working relationship with F&S, especially with Assoc. VP of Facilities to get ASCs on the main campus priority list.
  - Initiated RFA to complete ASC master facilities plan.
  - Worked with F&S regarding repair process for 5 critical ASC projects.
- Efforts related to ASC – all ASCs hosted a field day in 2021 and many held legislative committees.
  - All developed a 5-year strategic plan that included R/T/E goals.
- Efforts related to Public Relations and Marketing:
  - Worked with MarComm (university communications) to articulate individuals to assist AES specifically.
  - Increased print, social media, and web presence regarding AES activities.
  - Created promotional and equipment need flyers for all ASCs.
  - Attended commodity and stakeholder meetings and promoted AES.
- Efforts related to Internal Grant Awards Programs:
  - Reviewed and awarded (with committee assistance) AES Competitive Operations Grant proposals in FY22 (3 funded) and two-year Graduate Assistant awards (6 funded).
- Efforts related to AES Personnel Management – proposed an AES reporting structure to increase efficiency and sustainability (awaiting your final approval).
- Continued LFC relations and worked to appropriately communicate that ASCs are not the only AES efforts in research and creativity. Hosted them at Farmington ASC.
- Initiated an all-ACES laboratories assessment. This information will be used for prioritizing repairs on main campus.
- Completed ACES Emergent Research Theme Areas and shared with VPR to leverage startups.
- Continued collaborated with Energy, Minerals, and Natural Resources Department (EMNRD)-Forestry Division, New Mexico Highlands University (NMHU), and University of New Mexico (UNM) to seek legislative funds for a NM Reforestation Center.

## **2020 Highlights**

- AES Staffing:
  - Developed and advertised AES Programs Operations Director position.
  - Revised educational requirements to require PhD and advertised AES Associate Director position.

- Restructured AES Administrative staff by replacing Administrative Assistant position with three student employees.
- Efforts related to HR:
  - Worked with ACES Dean, ACES HR, and Department Heads to review all lab technician positions and identified positions funded on state funds that will be eliminated by attrition.
  - Approved three post-docs to support research needs in productive units, using salary savings.
  - Reviewed and approved two start-up packages for faculty in FWCE.
- Efforts related to budget:
  - Reviewed all AES budgets and gained greater clarity regarding personnel and operations.
  - Worked with DHs and Associate Deans, to identify a 6% reduction in the current fiscal year (due to 4% reduction at the state level).
  - Reallocated McIntire Stennis funds to include two projects in FWCE, 6 projects proposed.
  - Reviewed and approved ACSs personnel needs (Interim Superintendent for Los Lunas and Director of reforestation research at Mora and general laborers).
  - Identified projects needed for BR&R funds and worked with ACES Business Office to earmark other sources of funding needed for renovations, especially to support food safety faculty.
  - Reviewed ASCs budgets and requested ACES Business Office support training for our Superintendents and fiscal assistants with budgeting, spending, and infrastructure repairs and equipment.
  - Oversaw \$3M capital outlay critical repairs at ASCs and obtained \$3M in 2021 to continue to address critical repair needs at the off-campus ASCs.
- Efforts to increase research funding - encouraged and supported faculty grant submission resulting in an increase from 214 awards submitted and \$24.2M funded (2019) to 224 awards submitted and \$31.6M funded (2020; not solely my accomplishment, but noteworthy).
- Worked with VPR and ADRs to develop start-up request guidelines and processes. Also, now, IDCs used to support start-up packages remain in the Colleges in which they were secured.
- Efforts related to facilities - In addition to funding increase noted above, developed a working relationship with F&S, especially with Assoc. VP of Facilities to get ASCs on the main campus priority list. AES is also represented in the facilities condition index assessment occurring on all buildings and sites.
- Efforts related to ASC - toured all Centers to review research occurring and better understand strengths and weaknesses of each ASC.
- Worked with F&S to begin the repair process for secured GO Bond funds (summer 2021).
- All ASCs developed a 5-year strategic plan that included research, teaching, and outreach goals.
- AES revised 5-year strategic plan due to new leadership and a reduction in budget.
- Efforts related to Public Relations and Marketing:
  - Worked with MarComm to better understand support structure vs funding provided.
  - Developed communication plan that includes social media and increased print media.
  - Planned and led ACES sponsored Research and Creativity Week that included a note to all researchers on- and off-campus.
  - Encouraged and assisted ASCs to develop virtual field days and began gathering footage for ASC virtual tours.
  - Developed AES advisory committee guidelines and gained approval through legal counsel.
  - Created promotional flyers for all ASCs.
  - Attended virtual stakeholder meetings and promoted AES.
- Efforts related to Internal Awards Programs:
  - Reviewed and awarded (with committee assistance) AES Competitive Operations Grant proposals in FY21 (2 funded).
  - Reviewed and awarded (with committee assistance) 5 two-year Graduate Assistant awards.
- Efforts related to AES Personnel Management - continue to review reporting structure to assess how we can create greater interconnectedness between our ASCs and departments.
- Continued LFC relations and worked to appropriately communicate that ASCs are not the only AES efforts in research and creativity.



- Toured all laboratories, prior to return to research approvals. Worked closely with VPR to ensure the ACES research enterprise was as minimally impacted as possible due to pandemic.
- ACES led the university in approved research protocols (180 approved), during COVID-19 pandemic.
- Collaborated with EMNRD-Forestry Division, NMHU, and UNM to complete MOA and seek funds for a NM Reforestation Center.

**University of Georgia—March 2018-May 2020**  
**College of Agricultural and Environmental Sciences**  
***Agricultural Leadership, Education and Communication (ALEC) Department Head***

The University of Georgia is a land-grant and sea-grant university with state-wide commitments and responsibilities for instruction, research, and outreach. While my primary duties as the ALEC Department Head were in the department, I was expected to participate in the College's major activities, including strategic planning efforts and mentoring faculty and students. I provided leadership and strategic direction necessary to maximize the contribution ALEC made in developing and supporting agricultural professionals.

As Department Head, I:

- a) Provided innovative leadership in planning, implementing, and evaluating departmental programs and communicating these goals to internal and external audiences.
- b) Developed and maintain a world class instructional program to support my discipline.
- c) Facilitated the development of a faculty and support workforce dedicated to excellence.
- d) Cooperated with other department heads and College administration in the development and implementation of departmental programs.
- e) Collaborated with other departments, universities, and state and federal agencies.
- f) Represented ALEC interests with stakeholder groups, and
- g) Recruited, taught, and trained high caliber undergraduate and graduate students.

The ALEC Department promotes food, environmental, and social sustainability through experiential education in agriculture. Focused on curriculum, outreach, and research program in leadership, education, and communication theory and practice, the department was committed to the Land-grant mission of the University of Georgia. To accomplish this, the department brought together faculty from the disciplines of agricultural education, agricultural and science communication, agricultural leadership, and extension education to provide students with the knowledge, skills, and experiences needed through six degree and certificate programs:

- Bachelor of Science in Agriculture Degree in Agricultural Education
- Bachelor of Science in Agriculture Degree in Agricultural Communication
- Environmental Education Certificate – undergraduate
- Leadership and Service Certificate – undergraduate
- Master's Degree in Agricultural and Environmental Education
- Doctor of Philosophy in Agricultural Leadership, Education and Communication (finalized while serving as department head)

**2019-2020 Highlights**

- Managed \$2.4M budget
- Began and completed renovation in Four Towers to house an additional faculty member, one additional staff member, the Student Agency, an additional postdoc, a conference room, and provide space for graduate assistants in the pending Ph.D. program.
- Developed Strategic Plan for the department.
- Continued to articulate ALEC curriculum to ensure teaching capacity for doctoral program and created teaching synergy, course sharing, and improved evaluation.
- Modified faculty appointments to better align with departmental and college needs and sought compression and merit raises for deserving ALEC faculty.
- Continued to add Sales and Service and foundation accounts as needed.

- Sought a solution between ALEC and OLOD that better served individuals and stakeholder groups who depended on this unit.
- Empowered faculty in areas of interest and personal development, especially in research and grantsmanship.
- Initiated an ALEC faculty mentoring program that assisted with increased communication and knowledge to navigate research, grantsmanship, promotion, and tenure.
- Increased collaboration across the University, College, and with stakeholder groups.
- Secured funding for facility renovations—including modifications to the front entrance and a state-of-the-art classroom.
- Continued to improve advising for undergraduate and graduate students and expanded communication efforts regarding each program.

### **2018-2019 Highlights**

- Managed a \$1.8M departmental budget.
- Received approval to offer a PhD program effective Fall 2020.
- Refined the mission and vision of department.
- Completed a program review, 2018-2019.
- Added an additional staff member (three total staff members in the department).
- Agricultural Communication program became the 4<sup>th</sup> ranked in the nation, 2019.
- Enhanced faculty professional development.
- Increased departmental funding by more than 50% (College, University, and grants and contracts).
- Expanded faculty to add one faculty in Leadership, one faculty in Agricultural Education, and one faculty in Science Communication.
- Increased enrollment in Master program from 41 to 73, 2018-2019.
- Hosted annual retreat each year to bring in a disciplinary leader to assist the with developing future goals, 2018-present.
- UGA Board of Regents approved the ALEC PhD program, effective Fall 2020.
- Faculty research productivity increased from 17 journal publications in 2017 to 88 in 2018.
- ALEC faculty received 5 local awards, 1 regional award, and 7 national/international awards, 2018.
- Expanded UGA ALEC research capacity and potential with the approval of funding for three post-doctoral associates (ALEC/Peanut Innovation Lab, Ag Leadership, Ag and Science Communication).
- Expanded student opportunities in education and research with a STEM Research and Development Lab on the Tifton Campus in 2018, and an ALEC Student Agency on the Athens campus in 2019.
- Increased departmental graduate assistantships from six in 2018 to 15 in 2019.
- Faculty increased in grantsmanship efforts and funding by more than 50%.
- Approved for \$160K in building renovations to modify the front office area, 2018-2019.
- Formed an ALEC Advisory Taskforce, comprised of 16 individuals whose expertise, experience, and insight were used to assist ALEC in identifying opportunities in building industry connections, seeking insight for curriculum enhancement, increasing our visibility, and increasing funding opportunities.

### **University of Arkansas, Dale Bumpers College of Agricultural, Food and Life Sciences – September 2013 – February 2018**

#### **International Programs (50% Appointment)**

Provided service as the Director of the Dale Bumpers College of Agricultural, Food and Life Sciences International Programs Office (IPO). My administrative appointment was 25% from September 2013 to August 2014 and under my leadership the IPO was organized. In September 2014, my appointment was adjusted to 50% to represent time commitment more closely. I served as an advocate and ambassador for the Bumpers College and the University. My responsibilities included engaging with faculty, students, international partners, and university leadership to increase opportunities for students to engage in faculty-led programs, internships, exchange programs, and study abroad activities. Under my leadership, the IPO articulated closely with the UA Study Abroad Office and sought opportunities for students to engage in international career preparation and workforce ready development and provided funding support for students and faculty.

**Responsibilities:**

- Managed the International Programs Office with an annual budget of more than \$100,000.
- Managed one direct report, one graduate assistant assigned to international programs, and student IPO mentors (I initiated the student IPO mentor program in 2016, because students want to hear from other students about their previous international experiences).
- Directed and chaired the International Programs Committee (IPC) (a faculty representative from each Bumpers College academic unit) to identify opportunities and create and implement steps for faculty and student success.
- Provided competitive grant funding to faculty, approximately \$30,000 annually (selected by IPC).
  - Directed competitive grant process. Awarded both exploratory and continued program funding. Worked with College accountant to disperse funding to appropriate location (academic units or study abroad office contingent on program).
- Provided student scholarships, approximately \$30,000 annually (selected by IPC) as part of a competitive scholarship process.
- Managed international Memorandums of Understanding (MOUs).
- Initiated and signed MOU's with the following academic institutions: International University of Business Agriculture and Technology (Bangladesh), Graz University of Technology (Austria), Heilbronn Universität (Germany), Huazhong Agricultural University (China), Northwest A&F University (China), Sardar Vallabhbhai Patel University of Agriculture and Technology (India), South China Agriculture University (China), University of Namibia (Africa), Universidad de Panamá (Panama), University of São Paulo (Brazil), and University Putra Malaysia (Malaysia).
- Primarily focused on faculty-centered program development:
  - Connected faculty with new opportunities.
  - Collaborated with other colleges when possible.
- Supported faculty and students in their international program endeavors.
- Traveled to areas of interest to determine opportunities, needs, and barriers. If needed, traveled with faculty to support them in their programs.
- Collaborated with departments to the host Global Food Opportunities Seminars (2-4 annually).
- Supported fundraising efforts with Development Office to increase student and faculty opportunity.
- Promoted international programs through multiple media.
- Served as a representative of the University of Arkansas International Education Advisory Council.

**Major Achievements:**

- Developed a mission and vision for the IPO as a part of a strategic planning process.
- Increased Bumpers College students studying abroad by more than 174% since 2013. In 2017, 118 students, 80 students in 2016, 74 in 2015, 54 in 2014, and 43 in 2013.
  - Bumpers College has moved from being ranked last to fourth for total numbers of students studying abroad per UA colleges.
- Increased the number of Bumpers College faculty-led and service-learning programs by supporting 3 to 6 programs annually.
- Developed a faculty-led program handbook, available at <https://bumpersinternational.uark.edu/faculty/funding-proposals.php>.
- Increased Bumpers College short courses and exchanges (semester or one year) abroad.
- Expanded Bumpers College internships and research opportunities through connections with additional international companies and the use of third-party providers.
- Redesigned the IPO website at <http://bumpersinternational.uark.edu>.
  - Created individual webpages and flyers for each program.
  - Now the site includes information for all programs and direct links to the UA Study Abroad Office (STAB) to apply for programs offered by the College.
  - It also provided direct links for scholarships (both Bumpers and UA).
  - Improved navigation to the International Programs website from the Bumpers College website and from general search engines.
- Initiated promotional campaign for all international programs in the college.

- Each year, met with all faculty leaders to discuss program needs, promotion and, upon return, reviewed program evaluations to target improvements in future programming.
- Created postcards, flyers, videoboard, and web presence for all programs.
- Hosted the IPO Information Fair (provides an opportunity for all program leaders to present their program to interested students).
- Attended the UA Study Abroad Fair to promote all 2017 international programs in the College.
- Visited more than 20 large enrollment classes and all Bumpers College UNIV1001 (university perspectives) classes to recruit students into programs.
- Launched the IPO Mentor program with six returning Bumpers College students to serve as program promoters for 2016-17 programs.
- Increased promotion through Daily Headlines (writing six feature stories annually) and through the IPO blog at <https://ipo.uark.edu>.
- Chaired the International Programs Committee (IPC).
  - Worked with the IPC and department heads to seek advice and insight on departmental needs and areas of expected international growth.
- Served as a mouthpiece for Bumpers College international programs, including representing the college on university committees and presenting monthly updates to faculty council and semiannual updates to faculty at fall and spring meetings.
- Partnered with other colleges, when possible, to initiate, improve, promote, and perpetuate international programs.
- Increased faculty recognition through the Outstanding International Education Faculty Award (a \$3,000 stipend to support their international efforts and a plaque are provided to one faculty or faculty team annually).
- Coordinated with the Graduate School and International Education for a campus wide international education week strategy and sought other areas of collaboration.
- Collaborated with UA International Scholars to see ways to provide opportunities of inclusion for our international students. One IPO mentor was assigned to this initiative. Hosted three to four events annually.
- Served on the UA Global Taskforce to seek areas for collaboration when internationalizing curriculum.
- Worked with Bumpers College and Walton College of Business faculty to develop an interdisciplinary minor on international development.
- Directed IPC subcommittee to develop recommendations for participation in UA Rome Center and in IPO policy and procedure recommendations to ensure faculty and students can meet changing study abroad timelines.
- In 2016, partnered with faculty at UA, Texas A&M University, and Texas Tech University to develop a collaborative grant to support international experiences for graduate students.
- Continued relationship building and strengthening with other colleges and the UA Study Abroad (STAB) Office to increase collaboration and opportunity.
- Assisted with learning agreements and visa needs for international students studying at the UA.
- Worked with STAB to identify areas of current UA exchanges that would benefit Bumpers College students. Specific initiatives are underway at Aarhus University, LaSalle University, New Castle University, and Western Sydney University.
- Attended various departmental meetings to present about IPO opportunities.
- Met with numerous international visiting faculty members, international students and Bumpers College students seeking international opportunities.
- Annually administered, assessed, and evaluated survey results to assess students' barriers, challenges, needs and opportunities associated with studying abroad. These surveys were used to direct modifications needed in the IPO.
  - 1,758 student surveys collected in Fall 2017
  - 1,163 student surveys collected in Fall 2016
  - 786 student surveys in Fall 2015
  - 773 student surveys and 75 faculty surveys in Fall 2014

### **Honors Program (25% Appointment)**

Provided service as the Director of the Dale Bumpers College of Agricultural, Food and Life Sciences Honors Program to develop direction, policies, and procedures, and administer funding for specific initiatives.

#### **Responsibilities:**

- Managed the Bumpers College Honors Program with an annual budget of \$60,000.
- Managed one direct report, one graduate assistant assigned to the honors programs, the Honors Student Board, and the Honors Program Peer Mentors (I initiated the mentor program in 2016, after receiving financial support for the UA Honors College).
- Directed the Honors Program Committee (a faculty representative from each Bumpers College academic unit) to identify opportunities and create and implement steps for student success. In 2016, under my leadership this committee was moved from an ad hoc to a standing committee. This was an important move to provide and ensure faculty were able to maintain the management of this academic program when college leadership changed.
- Provided competitive grant funding to students through faculty mentors, approximately \$10,000 annually (selected by members of the honors program faculty committee).
  - Directed competitive grant process and work with College accountant to disperse funding. Awards provided twice per year.
- Focused on working directly with departments to ensure six honors credits are offered as a part of each student major in every academic unit.
- Supported students and faculty in their honors program endeavors.
- Hosted the Bumpers College Distinguished Lecture and one to two Food for Thought lectures annually.
- Supported fundraising efforts with Development Office to increase student and faculty opportunity and support.
- Promoted honors program through multiple media.
- Served as a representative of the University of Arkansas Honors Directors Board.

#### **Major Achievements:**

- Refined the mission and vision for the Bumpers College Honors Program.
- Increased Bumpers College students enrolled in the honors program by 46% in 2015—150 students Fall 2015, 194 students in Fall 2016, 219 in Fall 2017.
- Increased recognition and prestige of incoming and current students in the Bumpers College Honors Programs.
  - Honors College Fellows went from one in Fall 2015 to four in Fall 2016.
  - One student recognized as a Truman Scholar in 2016 and other in 2017.
- Led Bumpers College Honors Program faculty committee to determine needs and direction.
  - General changes included:
    - Creating minimum guidelines for both research and creative projects.
    - Requiring proposal and defense meetings.
  - Set milestones and deadlines to encourage students to make progress in the program.
  - Improved the website for both faculty and students.
  - Sought ways to encourage faculty to mentor honors students.
- Continued to increase course offerings with the goal of providing at least two honors courses in each department. This occurred with the exception of the Horticulture Department.
  - 21 Honors courses offered in 2016: up from 17 courses in 2015.
- Increased promotion of the Bumpers College Honors Program.
  - New student orientation (for Honors students); Carnival of Clubs; Presented to all UNIV 1001 classes; and Worked with the Honors College to develop Bumpers College Honors Program recruitment materials.
- Developed Bumpers College Honors Program promotional materials including:
  - Honor student inserts; non-Honor student inserts; Honor student parent inserts; New faculty Honors inserts; and Honors program brochures.
- Redesigned and enhanced the Bumpers College Honors Program website at <http://bumpershonors.uark.edu>

- Posted Honors Committee approved research and creative guidelines.
- Worked with the Honors College to develop an interactive student timeline with milestones and requirements as outlined by the faculty committee.
- Added all forms needed by students.
- Added Bumpers College Honors Program faculty committee information, photos, and term limits.
- Added all college faculty mentor expertise areas and photos by department, allowing for easier search options for students.
- Improved navigation to the Honors Programs website from the Bumpers College website and from general search engines.
- Leveraged funding from Honors College to initiate the Bumpers College Peer Mentor Program in 2016-17.
  - Selected seven outstanding students, including two lead mentors, to initiate the first group of honors student mentors.
  - Worked closely with the UA Honors College to train mentors to integrate effectively with incoming Honors students in a classroom setting.
  - Identified Mentors preferences, leadership styles, and goals were considered when pairing student mentors with mentees.
- Directed the Honors Student Board (HSB)
  - The HSB was composed of seven outstanding Honor Students who worked closely with the Honors Director to assist with the guidance of the honors program.
  - Established defined positions, responsibilities, and titles for the HSB.
  - The HSB worked to improve student involvement by various events throughout the year including:
    - Poster Competition; Career Fair Table; Dinner with selected college speakers; Assistance with the Honors Graduation Ceremony; and Honors student meetings with guest speakers
- Introduction of Bumpers College Honors Program graduate student Office Hours.
  - This allows for students to stop by and get help with research, forms, etc., whenever needed.
- Sought faculty support to move the Honors Programs from Ad Hoc to a Standing Committee.
  - This involved revising previous bylaws to policies and procedures and integrating term limit information into the college faculty bylaws.
  - Vote passed in October 2016 and a committee chair was identified.
- Hosted a mandatory Honors Program meeting for current students in Fall 2016.
  - Updated students on the revised website and the resources available for the Honors program.
  - Coordinated with the Honors College to provide students with information on available grants.
- Hosted an Honors Faculty Mentor review meeting in Fall 2016.
  - Updated faculty on the recent changes in the Honors Program (website and funding).
- The existing Bumpers Honors Perspectives course was converted to a three-credit hour course.
  - Course included requirements for UNIV 1001 and overviews research and creative requirements for the program and provides various opportunities for students to engage with other Honors students and faculty.
  - Currently, this is the only required Bumpers College Honors course.
- Developed a student timeline for honors students to use as they progress through the Honors Program.
  - Identified a list of honors program requirements and suggestions for each semester as students' progress through the honors program.
  - Identified when students should apply for SURF, Honors College, and Bumpers College grants.
- Developed funding requirements for the Bumpers College Undergraduate Research and Creative Grant Program.
- Moved the Outstanding Thesis Competition from written and oral presentation to written only.
  - Revised the selection rubric
  - Identified faculty and students to review outstanding thesis competition submissions.
- Honors forms and deadlines revised and placed on website.
- Created Orientation packets for incoming freshmen.
- Awarded 10 Bumpers College Undergraduate Research and Creative Grant during 2016 and 4 in 2017.
- Created, promoted, and identified the first Outstanding Honors Faculty Mentor Award in 2016. The award provides a plaque and \$1,500 in student support.

- Identified the need for and hosted College and supported departmental Honors Meet and Greets for students to meet potential faculty mentors.
- Organized and hosted the Honors Graduation Reception each semester with supporting materials: Honors Graduation Program Booklet; Engraved of Honors Medallions, and Engraved of Awards for the Outstanding Thesis Competition.
- Increased Bumpers College Honors Program graduates from 2 in fall 2015 to 22 in spring 2017.
- Attended monthly Honors Program Director meetings in the Honors College.
- Continued relationship building and strengthening with other colleges and the UA Honors College to increase collaboration and opportunity.
- Worked on multiple initiatives with the Honors College to increase financial support to faculty and students in Bumpers College.
  - Course support for AFLS 1023H (\$6,000)
  - Course support for AGED 3173H (\$6,000)
  - Poster competition support for spring 2016 (\$1,500)
  - Pilot team research project for one faculty in ANSC (\$11,000)
  - Pilot student research program support for Greece 2016 (\$4,000 per student)
  - Bumpers College Honors Mentor Program support (\$6,000)
- Developed two surveys to assess current students' needs and challenges associated with Honors Program.
  - 100 student surveys collected in Fall 2016 to assess the current program.
  - 36 student surveys collected in Fall 2016 to assess mentor program (students enrolled in AFLS 1023H).

**GRANTSMANSHIP AND PROGRAMMATIC SUPPORT (prior to experiment station appointment)**

**Funded Proposals: (Edgar's portion: \$990,794; Total funded: \$2,690,885)**

**2019**

Co-PI, *ALEC Agricultural and Science Communication Postdoctoral Research Associate*. Funded by CAES Experiment Station (2 years). Total project funds \$150,000.

Co-PI, *ALEC Community Diagnostics + Social Impact (CD+SI) Toolkit Postdoctoral Research Associate*. Funded by CAES Experiment Station (2 years). Total project funds \$150,000.

PI, *ALEC Recruitment Enhancement*. Funded by UGA Graduate School (Spring 2019). Total project funds \$1,000.

PI, *ALEC Graduate Student Accepted Student Day*. Funded by UGA Seal the Deal Grant Program (Spring 2019). Total project funds \$1,000.

**2018**

Co-PI, *ALEC/UGA Peanut Innovation Lab Postdoctoral Research Associate*. Funded by CAES Experiment Station and UGA Peanut Innovation Lab (2 years). Edgar's portion \$75,000. Total project funds \$150,000.

PI, *Food Literacy: Using Cultural Competency to Increase Awareness in Agricultural and Human Sciences*. Funded by USDA/NIFA Higher Education Challenge Grant Program – Federal (2018-2020). Edgar's portion \$51,440. Total project funds \$149,921.

**2017**

Co-PI, *USAC/Arkansas—Curriculum Integration*. Funded by USAC (2017-2018). Edgar's portion \$3,000. Total project funds \$17,381.

Co-PI, *Graduate Education at the Nexus of Global Horticulture and Human Nutrition to Enhance Community Resilience and Food Security*. Funded by USDA/NIFA Higher Education Challenge Grant Program – Federal (2017-2020). Edgar's portion \$63,500. Total project funds \$692,450.

PI and Mentor, *Bumpers College Honors Course and Mentor Program Support* (Honors Courses and Mentor Program Assistance). Funded by the University of Arkansas Honors College (2017-2018). Edgar's portion \$9,000. Total project funds \$17,000.

PI and Mentor, *Food Messaging* (Graduate Assistantship). Funded by DBCAFLS (2017-2018). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *DBCAFLS Honors Programs* (Graduate Assistantship). Funded by DBCAFLS (2017-2018). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *DBCAFLS International Programs* (Graduate Assistantship). Funded by DBCAFLS (2017-2018). Edgar's portion \$25,000. Total project funds \$25,000.

#### **2016**

PI and Mentor, *Food Messaging* (Graduate Assistantship). Funded by DBCAFLS (2016-2017). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *Bumpers College Honors Course and Mentor Program Support* (Honors Courses and Mentor Program Assistance). Funded by the University of Arkansas Honors College (2016-2017). Edgar's portion \$11,000. Total project funds \$17,000.

PI and Mentor, *DBCAFLS Honors Programs* (Graduate Assistantship). Funded by DBCAFLS (2016-2017). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *DBCAFLS International Programs* (Graduate Assistantship). Funded by DBCAFLS (2016-2017). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *DBCAFLS Visual Boards and Promotion* (Graduate Assistantship). Funded by DBCAFLS (2016-2017). Edgar's portion \$25,000. Total project funds \$25,000.

#### **2015**

PI and Mentor, *DBCAFLS Honors Programs* (Graduate Assistantship). Funded by DBCAFLS (2015-2016). Edgar's portion \$25,000. Total project funds \$25,000.

Co-PI, *Creating an Integrated Data-Driven System for Decision Making Efficiency*. Funded by Simmons Food (2015-2016). Edgar's portion \$10,000. Total project funds \$25,000.

PI, *Creating Strategic Communication Campaigns for the Dale Bumpers College of Agricultural, Food and Life Sciences (DBCAFLS): An Integrated Learning Experience for Students Enrolled in Communication Campaigns in Agriculture (AGED 4343)*. Funded by DBCAFLS (2015). Edgar's portion \$11,250. Total project funds \$11,250.

PI and Mentor, *DBCAFLS International Programs* (Graduate Assistantship). Funded by DBCAFLS (2015-2016). Edgar's portion \$25,000. Total project funds \$25,000.

PI and Mentor, *DBCAFLS Visual Boards and Promotion* (Graduate Assistantship). Funded by DBCAFLS (2015-2016). Edgar's portion \$25,000. Total project funds \$25,000.

#### **2014**

Co-PI, *Enhancement and Expansion of a Student Mobility Program between Institute Polytechnique LaSalle-Beauvais and the University of Arkansas on the platform of Food, Nutrition, Culinary Sciences and Geological Sciences*. Funded by U.S. Department of State and the French Ministry of Foreign Affairs and International Development (2014-2016). Edgar's portion \$5,000. Total project funds \$45,000.

PI and Mentor, *DBCAFLS International Programs* (Graduate Assistantship). Funded by the Dale Bumpers College of Agricultural, Food and Life Sciences (DBCAFLS) (2014-2015). Edgar's portion \$31,250. Total project funds \$31,250.

PI and Mentor, *DBCAFLS Visual Boards and Promotion* (Graduate Assistantship). Funded by DBCAFLS (2014-2015). Edgar's portion \$20,000. Total project funds \$20,000.

#### **2013**

PI, *Creating Visual and Written Communication Enhancements for the Bumpers College: An Integrated Learning Experience for Students Enrolled in Ag Reporting & Feature Writing (AGED 3243) and Graphic Design in Agriculture (AGED 4243)*. Funded by DBCAFLS (2013). Edgar's portion \$11,350. Total project funds \$11,350.

PI and Mentor, *Improving a Web Presence – Watershed Research & Extension Center* (Graduate Assistantship). Funded by the Arkansas Water Resource Center (2013-2014). Edgar's portion \$24,029. Total project funds \$24,029.

PI and Mentor, *Media Migration and Training* (Graduate Assistantship). Funded by the University of Arkansas Division of Agriculture – Cooperative Extension Service (2013-2014). Edgar's portion \$24,584. Total project funds \$24,584.

Co-PI, *Research Writing Conclave with University of Georgia Faculty*. Funded by AECT (2013). Edgar's portion \$738. Total project funds \$1,476.

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees (2013). Edgar's portion \$1,000. Total project funds \$1,000.



PI, *Creating a Strategic Communication Campaign for the UA Office for Sustainability*. Funded by the UA Office for Sustainability (2013-2014). Edgar's portion \$10,000. Total project funds \$10,000.

PI and Mentor, *DBCAFLS Visual Boards and Promotion* (Graduate Assistantship). Funded by DBCAFLS (2013-2014). Edgar's portion \$20,000. Total project funds \$20,000.

## 2012

PI, *Increasing the Global Visibility and Marketability of UA Agriculture Students: An Intensive Internship Program with the Institute for Agricultural and Fisheries Research and the University of Ghent*. Funded by the DBCAFLS International Programs (2012-2013). Edgar's portion \$5,000. Total project funds \$7,000.

PI, *Visual Communication on the Road in Arkansas: Video and Photo Creative Projects to Promote Agriculture: Phase II: Integration of Agricultural Communications into Arkansas High School Curriculum*. Funded by USDA-NIFA: Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grant (2012-2014). Edgar's portion \$30,954. Total project funds \$44,953.

Co-PI and Mentor, *Consumer Perceptions of Poultry Production in Arkansas*. Funded by Student Undergraduate Research Fellowship (SURF) Program (2012-2013). Edgar's portion \$400. Total project funds \$1,525.

PI, *Increasing the Global Visibility and Marketability of Agriculture and Students: An Intensive Study Tour with ILVO, the University of Ghent, and the University of Arkansas*. Funded by the CAFLS International Programs (2012). Edgar's portion \$7,000. Total project funds \$7,000.

PI and Mentor, *Virtual Nematode, Plant Disease, and Soil Assessment* (Graduate Assistantship). Funded by UA Division of Agriculture (2012-2013). Edgar's portion \$30,500. Total project funds \$30,500.

PI, *Arkansas Soybean Promotion Board – Harvesting the Potential* in Collaboration with the Arkansas Cooperative Extension Service. Funded by Arkansas Soybean Promotion Board (Sub-contract) (2012-2013). Edgar's portion \$21,200. Total project funds \$27,200.

PI, *Creating an Integrated Learning Experience for Students Enrolled in Electronic Communications (AGED 4143) and the Dale Bumpers College of Agricultural, Food and Life Sciences (DBCAFLS)*. Funded by DBCAFLS (2012). Edgar's portion \$10,000. Total project funds \$10,000.

PI and Mentor, *DBCAFLS Visual Boards and Promotion* (Graduate Assistantship). Funded by DBCAFLS (2012-2013). Edgar's portion \$20,000. Total project funds \$20,000.

PI, *Extension Digital Media Academy*. Funded by UA Division (2012). Edgar's portion \$3,500. Total project funds \$8,750.

PI, *Improving a Web Presence – Watershed Research & Extension Center*. Funded by Arkansas Water Resource Center. (2012). Edgar's portion \$4,500. Total project funds \$5,000.

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees. (2012). Edgar's portion \$4,207. Total project funds \$4,207.

PI, *Convert AGED 4243 (Graphic Design in AFLS) to Distance Delivery*. Funded by UA Global Campus. (2012). Edgar's portion \$3,000. Total project funds \$3,000.

PI, *Creating Strategic Communication Campaigns for the Dale Bumpers College of Agricultural, Food and Life Sciences (DBCAFLS): An Integrated Learning Experience for Students Enrolled in Communication Campaigns in Agriculture (AGED 4343)*. Funded by DBCAFLS (2012). Edgar's portion \$10,000. Total project funds \$10,000.

PI, *Increasing the Global Visibility and Marketability of Agriculture and Students: An Intensive Study Tour with ILVO, the University of Ghent, and the University of Arkansas*. Funded by DBCAFLS (2012). Edgar's portion \$5,000. Total project funds \$5,000.

## 2011

PI, *Assessing the Information and Communication Technology (ICT) skills required in undergraduate agriculture courses at the University of Arkansas during the fall 2011 and/or spring 2012 semesters*. Funded by the UA Teaching and Faculty Support Center (2011-2012). Edgar's portion \$67. Total project funds \$200.

Co-PI, *Arkansas Biodiesel Promotion and Education Project: Phase III*. Funded by the Soybean Promotion Board – Industry (2011-2013). Edgar's portion \$5,000. Total project funds \$62,964.

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees. (2011). Edgar's portion \$15,340. Total project funds \$15,340.

#### 2010

PI, *Visual Communication on the Road in Arkansas: Video and Photo Creative Projects to Promote Agriculture*. Funded by USDA NIFA SPECA Grant Program (2010-2011). Edgar's portion \$26,830. Total project funds \$33,539.

#### 2009

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees. (2009). Edgar's portion \$1,880. Total project funds \$1,880.

Co-PI, *The Educational Effectiveness of Utilizing Second Life (SL) in Teaching Graduate-level Agricultural Crisis Communications*. Funded by USDA Higher Education Challenge Grant Program – a subcontract under Texas A&M University – Federal (2009-2013). Edgar's portion \$94,500. Total project funds \$460,320.

PI, *Converting Courses to Distance Delivery: AGED 4443, 5033, 5463, and 5483*. Funded by UA Global Campus – Institution (2009-2011). Edgar's portion \$12,000. Total project funds \$12,000.

Co-PI, *Arkansas Biodiesel Promotion and Education Project: Phase II*. Funded by the Soybean Promotion Board – Industry (2009-2011). Edgar's portion \$2,815. Total project funds \$28,150.

Co-PI, *Using Social Networking and Web 2.0 Tools to Enhance Small Businesses*. Funded by the National e-Commerce Extension Initiative Grants Program – Federal (2009-2010). Edgar's portion \$1,485. Total project funds \$24,760.

PI and Mentor, *Teaching Faculty Support Center Promotion* (Graduate Assistantship). Funded by UA Wally Cordes Teaching Faculty and Support Center (2009-2011). Edgar's portion \$26,500. Total project funds \$26,500.

#### 2008

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees. (2008). Edgar's portion \$1,650. Total project funds \$1,650.

PI, *Angus Productions Inc., Understanding Journal Readership: A Four-Part Evaluation*. Funded by Angus Productions, Inc. – Industry (2008-2009). Edgar's portion \$32,825. Total project funds \$38,256.

PI, *Agricultural Communications Program Improvement*. Funded by DBCAFLS Tele-fees. (2008). Edgar's portion \$5,500. Total project funds \$5,500.

#### 2007

PI, *New Faculty Start-up Support*. Funded by DBCAFLS. (2007). Edgar's portion \$5,000. Total project funds \$5,000.

## RESEARCH

### RESEARCH FOCUS

Agricultural and Science Communication Models for Effective Communication Management Strategies

### PUBLICATIONS

**Refereed Journal Articles: Published 70, In Press 1, Under Review 1 (Career)**

#### Published

*Note.* \*Student Directed Research

70. \*Sanders, C. E., Edgar, D. W., Cox, C. K., & Edgar, L. D. (2022). Exploring interactions between Arkansas urban producers: Social networks and modes of information seeking. *Journal of Human Sciences & Extension*, 10(1), 1-11. doi: <https://doi.org/10.54718/NVSQ9174> (Co-author)

69. Raczkoski, B. M., Edgar, L. D., Robinson, J. S., Edwards, M. C., & Baker, M. A. (2021). Measuring students' perceived costs of studying abroad: Instrument development and validation. *Journal of Agricultural Education*, 62(4), 221-236. doi: <https://doi.org/10.5032/jae.2021.04217> (Co-author)

68. \*Dobbins, C. E., **Edgar, L. D.**, & Dooley, K. E. (2021). Facilitating the scholarship of discovery: Using the mini-ethnographic case study design. *Journal of Experiential Education*, 44(4), 1-14. doi: 10.1177/1053825921999685 (Co-author)
67. \*Dobbins, C., Edgar, D. W., Cox, C. K., **Edgar, L. D.**, Graham, D. L., & Perez, A. (2021). Perceptions of Arkansas agriculture county Extension agents towards urban agriculture. *Journal of Agricultural Education*, 62(1), 77-94. doi: 10.5032/jae.2021.01077 (Co-author)
66. Edgar, D. W., Graham, D. L., **Edgar, L. D.**, & Bailey, H.\* (2020). Student and faculty perceptions of academic entitlement: A look at one southern land-grant university. *College Student Journal*, 54(4), 473-483. (Co-author)
65. \*Dobbins, C., \*Gibson, K. E., **Edgar, L. D.**, & Dooley, K. E. (2020). Lived experiences during international service learning: A semiotic analysis of photo journals. *Journal of International Agricultural and Extension Education*, 27(3), 88-100. doi: 10.5191/jiaee.2020.2738 (Corresponding author)
64. Lamm, K. W., Lamm, A. J., Davis, K., Swaroop, B. J., & **Edgar, L. D.** (2020). Identifying capacities needed for professionalization of extension networks. *Journal of International Agricultural and Extension Education*, 27(2), 91-107. doi: 10.5191/jiaee.2020.2791 (Co-author)
63. \*Dobbins, C., **Edgar, L. D.**, Cox, C. K., Graham, D. L., & Perez, A. (2020). Developing a local definition of urban agriculture: Context and implications for a rural state. *The Journal of Agricultural Education and Extension*, 26(3), 1-14. doi: 10.1080/1389224X.2020.1726779 (Co-author)
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. doi: <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, 25<sup>th</sup> 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, 25<sup>th</sup> 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). (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. (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. (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)
  41. \*Hughes, A., \*Johnson, T. L., **Edgar, L. D.**, Miller, J. D., & Cox, C. K. (2016). Content and visual analysis of promotional pieces used to promote the Arkansas [Commodity] Promotion Board. *Journal of Applied Communications*, (100)2, 10-27. (Corresponding author)
  40. \*Estes, S., \*Hansen, M. J., & **Edgar, L. D.** (2016). 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. *Journal of International Agricultural and Extension Education*, 23(1). doi:10.5191/jiaee.2016.23103. (Corresponding author).
  39. \*Kurtzo, F., \*Pruitt, M. J., Rucker, K. J., & **Edgar, L. D.** (2016). Agricultural communications: Perspectives from experts. *Journal of Applied Communications*, 100(1), 17-28. (Corresponding author)
  38. \*Williford, B. D., **Edgar, L. D.**, Rucker, K. J., & \*Estes, S. (2016). Literature themes from five decades of agricultural communications publications. *Journal of Applied Communications*, 100(1), 64-75. (Corresponding author)
  37. \*Estes, H., \*Estes, S., Johnson, D. M., **Edgar, L. D.**, & Shoulders, C. W. (2016). The rural brain drain and choice of major: Evidence from one land grant university. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 60(1), 9-13. (Co-author)
  36. **Edgar, L. D.**, Johnson, D. M., & \*Estes, S. (2015). Poultry production messaging in two national-circulation newspapers. *Journal of Applied Communications*, 99(4), 6-18. (Corresponding author)
  35. \*Johnson, T., **Edgar, L. D.**, Rucker, K. J., & Haggard, B. (2015). Student perceptions of the Arkansas water resources center, water resources, and water issues. *Natural Sciences Education*, 44:136-142. doi:10.4195/nse2015.0012. (Corresponding author)

34. \*Pennington, K., \*Calico, C., **Edgar, L. D.**, Edgar, D. W., & Johnson, D. M. (2015). Knowledge and perceptions of visual communications curriculum integrated into Arkansas secondary agricultural classrooms. *Journal of Agricultural Education*, 56(2), 27-42. doi: 10.5032/jae.2015.02027. (Corresponding author)
33. **Edgar, L. D.**, Johnson, D. M., Miller, J. D., & \*England, J. (2015). University of Arkansas students' perceptions, interests, and behaviors related to sustainability. *Natural Sciences Education*, 44, 1-8. doi:10.4195/nse2014.12.0028. (Corresponding author)
32. \*Jernigan, H., **Edgar, L. D.**, Miller, J. D., & Cox, C. K. (2015). Communication technology training beyond the university campus: A case study of skill development in the Arkansas Cooperative Extension Service. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 59(2), 122-129. (Corresponding author)
31. Johnson, D. M., Edgar, D. W., **Edgar, L. D.**, Pate, M. L., & Steffen, R. W. (2015). Biodiesel: Awareness, use, and perceptions of students at four U. S. universities. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 59(1), 54-62. (Co-author)
30. \*Northfell, A., & **Edgar, L. D.** (2014). Using reflective journals to compare an international faculty-led study tour and student internship experience. *Journal of Applied Communications*, 98(4), 28-41. (Corresponding author)
29. \*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. *Journal of Applied Communications*, 98(4), 15-27. (Corresponding author)
28. Murphrey, T., Rutherford, T. A., Doerfert, D., **Edgar, L. D.**, & Edgar, D. W. (2014). An examination of usability of a virtual environment for students enrolled in a college of agriculture. *Journal of Agricultural Education*, 55(4), 38-52. doi: 10.5032/jae.2014.04038. (Co-author)
27. \*Calico, C., **Edgar, L. D.**, & Edgar, D. W. (2014). Students' perceptions of an agricultural communication lesson and an experiential learning activity in secondary agricultural education classrooms. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 58(3), 196-201. (Corresponding author)
26. **Edgar, L. D.**, Edgar, D. W., & \*Pennington, K. (2014). An assessment of visual communications curriculum in Arkansas secondary agricultural science programs. *North American Colleges and Teachers of Agriculture (NACTA) Journal*, 58(3), 263-268. (Corresponding author)
25. \*Rushing, T., Miller, J. D., **Edgar, L. D.**, & Cox, C. (2014). Finding the five R's in exemplary agricultural publication capstone courses. *Journal of Applied Communications*, 98(2), 6-22. **2015 Journal of Applied Communications Article of the Year Award** (Co-author)
24. Johnson, D. M., & **Edgar, L. D.** (2014). Awareness, use, and perceptions of biodiesel by Belgian and American college students. *Journal of International Agricultural and Extension Education*, 21(1), 46-56. doi: 10.5191/jiaee.2014.20104. (Corresponding author)
23. **Edgar, L. D.**, Johnson, D. M., Graham, D. L., & Dixon, B. L. (2014). Student and faculty perceptions of plus/minus grading and its effect on course grade point averages. *College Student Journal*, 48(1), 184-197. (Corresponding author)
22. \*Northfell, A., **Edgar, L. D.**, Miller, J. D., & Cox, C. K. (2013). Using reflective journals to gain insight to an agricultural communication intensive study tour. *Journal of International Agricultural and Extension Education*, 20(3), 45-57. doi: 10:5191/jiaee.2013.20304. (Corresponding author)
21. Johnson, D. M., **Edgar, L. D.**, & Cox, C. K. (2013). Student and faculty perceptions of ICT use in undergraduate agriculture courses. *Journal of Agricultural Education*, 54(3), 171-185. doi: 10.5032/jae.2013.03171. (Co-author)
20. Johnson, D.M., **Edgar, L.D.**, & Edgar, D.W. (2013). Consumer awareness, use, and perceptions of biodiesel. *Journal of Agricultural Systems, Technology, and Management*, 42, 23-35. (Co-author)
19. Murphrey, T., Rutherford, T. A., Doerfert, D., **Edgar, L. D.**, Edgar, D. W., & Leggette, H. (2013). Chalkboards to virtual worlds: Technology's role in expanding the classroom to provide professional development and education for agricultural communicators. *Journal of Applied Communications*, 97(2), 23-35. (Co-author)
18. \*Glaze, C. D., **Edgar, L. D.**, Rhoades, E., & Rutherford, T. A. (2013). Visual Communications: An analysis of university student's perceptions of rural America based on selected photographs. *Journal of*

- Applied Communications*, 97(1), 1-9. (Corresponding author)
17. **Edgar, L. D.**, & Rutherford, T. A. (2012). A semiotic analysis of the Texas Cooperative Extension marketing packet. *Journal of Applied Communications*, 96(1), 1-16. (Corresponding author)
  16. **Edgar, L. D.**, Johnson, D. M., & Cox, C. K. (2012). A 10-year assessment of information and communication technology tasks required in undergraduate agriculture courses. *Computers & Education*, 59(3), 740-749. \*3<sup>rd</sup> 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

1. \*Dobbins, C. E., **Edgar, L. D.**, & Dooley, K. E. (In Press). A Phenomenological Pre- and Post-Reflective Comparison of Graduate Student Intercultural Competence from Agricultural Service-Learning Experience. *Journal of International Agricultural and Extension Education*. (Corresponding author)

## Under Review

1. Dooley, K. E., \*Dobbins, C. E., & **Edgar, L. D.** (Under Review). Assessing intercultural competence: An interpretative phenomenological pre- and post-reflective comparison of graduate student international service learning. *Assessment and Evaluation in Higher Education*. (Co-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 prelection 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. (Co-author)
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. (Co-author)
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. (Co-author)
  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. (Corresponding author)
  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) **2<sup>nd</sup> 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. (Corresponding author)
  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. (Corresponding author)
  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. (Co-author)
  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. Refereed poster. (Corresponding author)
  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. Refereed poster. (Corresponding author)
  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. Refereed poster. (Co-author) **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. Refereed poster. (Co-author) **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. Refereed poster. (Corresponding author) **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. Refereed poster. (Corresponding author)
  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. Refereed poster. (Corresponding author)
  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. (Corresponding author)
  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. (Corresponding author)
  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. (Co-author)
  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. (Co-author)
  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. (Corresponding author) **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. (Corresponding author)
  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. Refereed poster. (Corresponding author) **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. Refereed poster. (Co-author)
  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. (Corresponding author)
  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. Refereed poster. (Co-author) **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. (Sole author)
  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. (Corresponding author)

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. (Sole author)
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. (Co-author)
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. (Corresponding author)
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. (Sole author) **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. (Co-author)
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. (Corresponding author)
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. (Corresponding author)
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. (Corresponding author)
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. (Corresponding author)
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. Refereed poster. (Co-author)
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. (Co-author)

## 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, KJ. (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 24 (Career)**

24. Creating a Regional Voice, Western Association of Agricultural Experiment Directors, Denver, Colorado, March 30, 2023
23. Invited Presentation, New Mexico Agricultural Experiment Station Opportunities for Collaboration, Inter-American Institute for Cooperation on Agriculture (IICA), October 12, 2022
22. Invited Presentation, NMSU College of Agricultural, Consumer, and Environmental Sciences (ACES), NMSU Agricultural Experiment Station and our role in reforestation in the west, Western Chapter of the Horticultural Inspection Society, October 6, 2022.
21. Invited Presentation, Successes and Challenges of New Agricultural Communication Faculty Members. Society of Agricultural Communications Scholars, August 29, 2022.
20. Invited Panelist, Southern New Mexico Farm Bill Roundtable lead by Senator Ben Ray Lujan, August 18, 2022.
19. Invited Presentation, New Mexico Agricultural Experiment Station Research Collaboration with a Sovereign Nation. Lake Tahoe, NV, June 15, 2022.
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](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**

Dobbins, Catherine (2019). A needs assessment of Arkansas urban agriculture producers and an assessment of agricultural Extension agents' abilities to assist urban agriculture producers. AEET, 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)

**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), UofA
- 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.

## **SERVICE AND OUTREACH**

### **PROFESSIONAL**

- Secretary, Western Association of Agricultural Experiment Station Directors (WAAESD), 2021-Present
- Vice-chair, NCAC-024: Agriculture, Food, and Natural Resources Applied Behavioral Sciences, 2019-2020
- Research discussant, Women and Gender Roles in Agriculture, Southern Association of Agricultural Scientists (SAAS) for the Agricultural Education Section, 2020
- Secretary, NCAC-024, 2018-2019
- Chair, NCAC-024 Subcommittee on Developing a Research Platform to Leverage Faculty in to Cross-Disciplinary Teams, 2018-2020
- 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, AAEE 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*, 2008-2020
- Manuscript Reviewer, *Journal of Applied Communications*, 2008-2020
- Manuscript Reviewer, *Journal of International Agricultural and Extension Education*, 2008-2020
- 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, 2007-2020
- Adviser, Agricultural Communicators of Tomorrow (ACT), 2007- 2012
- Member, ACE Research Program SIG, 2006-2020
- Member, ACE Academic Program SIG, 2006-2020
- Manuscript Reviewer, AAAE, ACE, and AIAEE, 2006-2020

### **INSTITUTIONAL**

- Member, NMSU ACES Cabinet, 2020-Present
- Member, NMSU Council of Associate Deans of Research (CADRe), 2020-Present
- Chair, Unmanned Aerial Systems (UAS) policy and procedure update, 2021-2022
- Chair, UGA CAES Communication Strategies, 2019-2020
- Member, UGA CAES StratOps (one of eight team members and only Head selected), 2019-2020
- Member, UGA CAES Administrative Council, 2018-2020
- 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

### 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
- 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>.
- 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