

# Carl G. Igo

## Curriculum Vitae

Department of Agriculture & Industry  
P.O. Box C-11  
Alpine, TX 79832

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### Academic Preparation

**Doctor of Philosophy**      **Agricultural Education**      1998  
Oklahoma State University, Stillwater, OK

Dissertation Title: *A case study approach to food and fiber systems literacy assessment.*

Dr. James G. Leising, Dissertation Advisor

Concentration Fields: Higher Education Administration, Teacher Education

**Master of Science**      **Agricultural Education**      1984  
Texas Tech University, Lubbock, TX

Thesis Title: *An assessment of microcomputer usage and projected software needs in Texas vocational agriculture programs.*

Dr. Marvin J. Cepica, Thesis Advisor

**Bachelor of Science**      **Agricultural Education**      1983  
Texas Tech University, Lubbock, TX

### Teaching and Research Interests

Education In & About Agriculture  
Recruiting & Retention

Personal & Organizational Leadership Development  
Teaching and Learning Interactions

### Professional Experience

**Associate Professor**      **2023-Present**

Department of Agriculture and Industry, Sul Ross State University-Alpine,  
Alpine TX 79832

*100% teaching. Direct teacher-preparation program for Agricultural Education and Industrial Technology; teach graduate and undergraduate courses via in-person and distance delivery; supervise student teachers; advise undergraduate and graduate students; serve on graduate committees; coordinate leadership and career development events for Texas FFA Association, Area II FFA Association and Big Bend District FFA Association; coordinate recruiting activities for department and college; serve on department, college and university committees.*

**Associate Professor**      **2010-2023**

**Department Head**      **2020-2022**

**Assistant Professor**      **2004-2010**

Department of Agricultural and Technology Education\*, Montana State University-  
Bozeman, Bozeman, MT 59717

(\* Renamed in 2019 from Division of Agricultural Education.

*30% administration, 50% teaching, 10% scholarship, 10% outreach appointment. Teach leadership-focused university seminar core course for incoming students; direct teacher education program for Agricultural Education majors; supervise student teachers; teach undergraduate and graduate courses; teach on-line graduate courses for Department's distance-based Master's program; secure extra-mural funding for research; advise undergraduate and graduate students; serve on graduate research*

*committees; coordinate state FFA career development events; assist with planning, implementation, and evaluation of annual statewide inservice workshops for high school agriculture teachers; serve on department, college, and university committees.*

**Assistant Professor**

**1999 – 2004**

Agriculture Department, Texas State University, San Marcos, TX 78666

*(name changed from Southwest Texas State Univ. in Sept. 2003) 100% teaching appointment. Directed teacher education program in Agriculture; supervised student teachers; taught undergraduate and graduate courses in Agricultural Education and Agricultural Service and Development; advised undergraduate and graduate students; served as departmental graduate programs coordinator; coordinated area and statewide FFA career development and leadership development events; serve on department, college, and university committees.*

**Associate Director, Food and Fiber Systems Literacy Project**

**1996 - 1999**

Department of Agricultural Education, Communications and 4-H Youth Development, Oklahoma State University, Stillwater, OK 74078

*Project staff supervision for instructional materials selection, design, development, and evaluation; planned and coordinated teacher inservice training; monitored instruction; planned and directed project assessment; prepared annual reports to funding agency; planned and implemented project advisory conferences; assisted in supervision of student teachers and first year residency teachers; served on departmental committees.*

**Teaching Assistant/Research Assistant**

**1995-1996**

Department of Agricultural Education, Communications and 4-H Youth Development, Oklahoma State University, Stillwater, OK 74078

*Taught undergraduate classes and laboratories in Agricultural Education; assisted with residency teacher program and supervision of student teachers; assisted with coordination and administration of Collegiate FFA/ATA events; reviewed ag literacy instructional materials for content validity; prepared glossary for ag literacy materials; assisted with Oklahoma Ag in the Classroom summer institute for teachers; coordinated departmental team-building events.*

**Agricultural Science Teacher**

**1989-1995**

Ector County I.S.D., Odessa, TX 79760

*Coordinated and instructed five Agricultural Science classes and one Agriculture Work-based learning course per semester; increased enrollment in program by 56%; increased ag coop enrollments by over 300%; collaborated with art instructor to teach metal sculpture unit for art class; organized ag day instruction and ag tour for 2600+ elementary students; assisted state FFA Executive Secretary in coordinating travel for state FFA officers.*

**Agricultural Science Teacher**

**1984-1989**

Fort Hancock I.S.D., Fort Hancock, TX 79839

*Coordinated and instructed five Agricultural Science classes per semester; taught seventh grade Life Science, eighth grade Earth Science, and computer literacy; supervised two state proficiency award winners, eight state FFA degree recipients and one state qualifying agricultural mechanics team.*

## **Professional and Academic Affiliations**

Agricultural Teacher's Association of Texas (ATAT)  
American Association for Agricultural Education (AAAE)  
Association for Career & Technical Education (ACTE)  
Council on Undergraduate Research (CUR)  
National Association for Agricultural Education NAAE)  
North American Colleges and Teachers of Agriculture (NACTA)

## **Professional Leadership**

Adviser, Collegiate FFA Alumni and Supporters; Sul Ross State University, 2023-present.  
Coordinator, Invitational FFA C/LDE Events, Sul Ross State University, 2023-present.  
Adviser, Alpha Zeta Honor Fraternity; Montana State University-Bozeman; 2014-2023.  
Co-Chair, University Seminar Core Assessment Committee, Montana State University-Bozeman; 2015-2019.  
Equity Advocate, Advance Project TRACS, Montana State University, Bozeman; 2014-2017.  
Division representative, Faculty Senate, Montana State University-Bozeman; 2009-2013.  
National FFA Foundation Board of Trustees; 2008-2009.  
Western Region AAAE Consultant, National FFA Board of Directors; 2007-2009.  
Co-Chair, Agricultural Experiment Station Multi-State Agricultural Literacy Research Committee (W1006); 2006-2013.  
Development Team, LifeKnowledge™ Coaching Guide, National FFA; 2006.  
Division representative, Library Acquisitions Review Committee, Montana State University-Bozeman; 2004-2005.  
Co-Advisor, Collegiate FFA, Montana State University; 2004-2013.  
Chair, Service Committee, Agriculture Department, Texas State University-San Marcos; 2003-2004.  
Coordinator, Invitational FFA Career Development Events, TxState/SWT; 1999-2004.  
Advisor, Collegiate FFA, TX State/SWT; 1999-2004.  
Chair, Graduate Programs Committee, Agriculture Department, SWT; 2002-2003.  
Chair, College of Applied Arts Research Committee, SWT; 2002-2003.  
Chair, Budget Committee, Agriculture Department, SWT; 2001-2002.  
Chair, Teaching Committee, Agriculture Department, SWT; 2001-2002.  
Advisor, Agricultural Student Council, SWT; 2001-2002.  
Coordinator and University Liaison for Area VII FFA Degree Check and Convention (approximately 550 participants); 2000-2004.  
Chair, Research Committee, Agriculture Department, SWT; 2000-2001.  
Faculty Leadership Development Program, SWT; 2000-2001.  
Alkek Technology Institute, SWT; 2000.  
President, Graduate Student's Association in Agricultural Education, Oklahoma State University; 1996.  
Graduate Adviser, Collegiate FFA/ATA, OSU; 1995-1996.

## **Professional Recognition**

Participant, Developing Excellence in Departmental Leadership, Montana State University; 2020-2022.  
Distinguished Service Citation, Montana Association for Agricultural Education, 2020  
Participant, Developing Excellence in Academic Leadership, Montana State University; 2017-2018.

NACTA Educator Award, North American Colleges & Teachers of Agriculture; 2017.  
Distinguished Innovative Idea Poster Presentation, Western Region Agricultural Education Research Conference; 2016.  
Distinguished Research Poster Presentation, Western Region Agricultural Education Research Conference; 2016.  
Participant, LEAD21 Class X; 2014-2015.  
Distinguished Teaching Award, American Association for Agricultural Education, Western Region; 2010.  
Teaching Award of Excellence, Montana State University Alumni Association; 2010.  
Distinguished Service Award, Montana FFA Association; 2010.  
Recipient, Honorary American FFA Degree, National FFA Organization; 2009.  
Runner-Up Article of the Year, Journal of International Agricultural & Extension Education; 2009.  
Outstanding Research Poster, Western Region Agricultural Education Research Conference; 2009.  
Outstanding Professor, Montana State University Collegiate FFA; 2009.  
Teaching Award of Merit, North American Colleges & Teachers of Agriculture Teaching; 2007.  
First Place Runner-Up Publication, Journal of Agricultural Education, Vol 46, No. 3; 2005.  
Outstanding Idea Exchange Presentation, Southern Region Agricultural Education Research Conference; 2003.  
Who's Who Among America's Teachers; College & University Division; 2002-2003.  
Presidential Award for Excellence in Research/Scholarship, College of Applied Arts, SWT; 2002.  
Outstanding Idea Exchange Presentation, Western Region Agricultural Education Research Conference; 2002.  
Outstanding Research Presentation, Southern Region Agricultural Education Research Conference; 2001.  
First runner-up, Outstanding Paper Presentation, Western Region Agricultural Education Research Conference; 2000.  
Second runner-up, Outstanding Idea Exchange Presentation, Southern Region Agricultural Education Research Conference; 2000.  
Second runner-up, Outstanding Idea Exchange Presentation, Western Region Agricultural Education Research Conference; 1999.  
Second runner-up, Outstanding Research Presentation, Western Region Agricultural Education Research Conference; 1998.  
Phi Delta Kappa inductee; 1996.  
Meritorious Service Citation, Texas FFA; 1992.  
City of Odessa Red Plate Award for Community Leadership; 1991.  
Rookie Director Award, Permian Basin Fair; 1990.  
Honorary State Degree, Texas FFA Association; 1988.  
Thirty Minute Club, Vocational Agriculture Teachers Association of Texas; 1985.

### **Courses Taught**

#### ***Sul Ross State University-Alpine:***

Agricultural Education 2304: *Introduction to Agricultural Education*. An analysis of evolving concepts and philosophies of agricultural education programs with emphasis upon history legislation and principles underlying organization and practice. This course is designed to prepare students for entry or advancement in agricultural occupations and professions job creation and entrepreneurship and agricultural literacy. Three credits.

Animal Science 2312: *Current Issues in Agriculture*. Examination of current issues in agriculture, life sciences, and natural resource sciences exposing students to a variety of methods used to effectively communicate, inform, and influence decisions about these issues. Three credits.

Animal Science 3318: *Teaching Methods in Agricultural Education*. Instructional methodology course that focuses on the selection and use of teaching strategies, methods/approaches, and techniques; evaluating learning; and managing learning environments for teaching agricultural subjects in formal educational settings.

Animal Science 5308: *Principles of Teaching Adult Learners*. Examines a broad range of topics in the field of adult education. The purpose is to further the development of adult educators; therefore, the course focuses on theories, methods, and issues in adult education. Three credits.

Animal Science 5317: *Implementing Change*. Examines the processes by which professional change agents influence the introduction, adoption, and diffusion of technological changes. Three credits.

### **Montana State University-Bozeman:**

Agricultural Education 140US: *Leadership for Agribusiness & Industry Employees*. (University Seminar Core) Process of developing and managing individuals by providing leadership and guidance at all levels of personal development. Self concepts developed through situational leadership and management, principles of people management, goal setting, and belief systems. Service learning and collaboration are utilized. Three credits. (2004-present, primary instructor, multiple sections).

Agricultural Education 253: *Agricultural Education in Public Schools*. Course designed to provide students a foundation for agricultural education at all levels, elementary through adult. Philosophy, models, scope and components of exemplary programs are highlighted. Three credits. (2005-2019, primary instructor).

Agricultural Education 291: *Special Topics-Parliamentary Procedure for Leaders*. Prepare students with the essential structure and protocols of parliamentary procedure in order to effectively organize and facilitate meetings and organizational discussions. Students will gain experience in organizational leadership, communication, and facilitation skills. Two credits. (Spring 2015, primary instructor).

Agricultural Education 292: *Individual Topics-Leadership for MT FFA State Officers*. Provide leadership experience planning, implementation and evaluation for the development of MSU students into agricultural leaders for Montana. Students in the course will 1) provide leadership development to students of less than college age; 2) provide seminars for personal and organizational growth, and; 3) plan and conduct an exemplary FFA program for the state of Montana. Two credits. (2005-present, primary instructor)

Agricultural Education 301: *Agricultural Electrification*. Covers the basic wiring requirements for agricultural applications and agricultural electrical motors. An emphasis is placed on application and trouble shooting. Alternative power generation methods are also discussed. Three credits. (2007-2013, primary instructor).

Agricultural Education 353: *Cooperative Business Principles and Practices*. Acquaint students with agricultural and non-agricultural cooperatives and the cooperative way of doing business. Students will learn the role of cooperatives in marketing, bargaining, purchasing, and service. Three credits. (2013-2015, primary instructor).

Agricultural Education 363: *Agricultural Youth Event Management*. Focuses on planning and implementing agricultural activities for youth, such as County and State Fairs, 4-H contests, and FFA Career Development Events (CDE). Emphasis on planning an event, awareness of

- resources (people and things), developing event timelines and records, and evaluating the effectiveness of the actual event. Three credits. (2006-present, co-instructor).
- Agricultural Education 397: *Teaching Practices*. Develop an understanding of the necessity for accurately determining instructional content and effectively delivering instruction (i.e., what to teach and how to teach it). One credit. (2004-2020, primary instructor).
- Agricultural Education 482: *Nonformal Teaching Methods in Agriculture*. Designed for senior and graduate level students in Agricultural Relations and other majors who will be designing, implementing and evaluating learning through Cooperative Extension and/or other careers. Covers theories, principles and practices associated with effective teaching and learning for adult education as well as non-adult educational settings such as 4-H meetings, conferences, and conventions. Three credits. (2004-2007).
- Agricultural Education 506: *Research Methods*. Principles and techniques of research appropriate for planning, conducting and reporting agricultural and extension education research. Online course. Three credits. (2006-present).
- Agricultural Education 510: *The Science of Food, Fiber, Nutrition and More: Agricultural Literacy in Montana Schools*. This course focuses on integrating factual and scientific educational material from all areas of agriscience into the Montana elementary and middle school curriculum as a means of supporting and adding relevance to core academic learning. Two credits. (2005-2011).
- Agricultural Education 588: *Professional Development*. Provides opportunities for agricultural education professionals to explore emerging concepts within technical agriculture in preparation for teaching those concepts in secondary school agricultural education programs. Variable credits. (2005-present).
- Agricultural Education 594: *Graduate Seminar*. Focuses on the guidelines, procedures, and processes necessary to assist timely completion of graduate programs. Online course. One credit. (2012-2014, 2018. 2020-present, co-instructor).
- Educational Methods 411: *Methods: 5-12 Agricultural & Technology Education*. Students learn best practices for teaching in their content area through research based instructional strategies, methods for teaching and evaluating, and curriculum design and planning. A combination of instructor and peer-reviewed mini-lessons, class discussions, interactive presentations and other exemplary teaching models form the core of instruction for this course. Students will build skill and confidence in planning, instruction, and assessment. Three credits. (2022, primary instructor).

### ***Texas State University-San Marcos:***

- Agriculture 2373: *Introduction to Agricultural Engineering*. Introductory course designed to acquaint students with a wide range of concepts, principles and applied technologies in agricultural engineering.
- Agriculture 2390: *Computer Applications in Agriculture*. Operation and application of computers throughout the agriculture industry with emphasis on configurations, commonly used software, and specific software applications in agriculture.
- Agriculture 3353: *Agricultural Structures and Environment*. Principles and practices associated with structural components, selection, materials of construction, heat and moisture control, and environmental issues associated with waste management.
- Agricultural Services and Development 2310: *Applied Leadership Principles*. Preparation for professional leadership and service, with emphasis on application of leadership principles. Focus on guiding students in developing enhanced leadership skills through group and individual leadership enhancement projects and topic research.

Agricultural Services & Development 4212: *Program and Curriculum Development in Agricultural Education*. Primary course elements include determining program and curriculum goals, successfully implementing programs and evaluating programs.

Agricultural Services & Development 4311: *Agricultural Instructional Methods*. Classroom management, daily lesson planning, pedagogy, teacher accountability systems, and student evaluation techniques for the secondary Agricultural Science and Technology teacher.

Agricultural Services & Development 4681: *Student Teaching in Agricultural Science and Technology*. Preparation for teaching agricultural science in selected Texas secondary schools.

Agriculture 4343: *Organization and Management of Agricultural Laboratories*. Examination of instructional programs involving laboratory equipment and facilities. Curriculum, pedagogy, equipment and facility management, inventory, safety, liability, and facilities planning are emphasized.

Agricultural Education 5318: *Administration and Supervision of Vocational Education*. Administration of comprehensive vocational education programs with emphasis on the operation and implementation of programs governed by state and national laws.

Agricultural Education 5319: *Adult Education Program Development and Methods*. The rationale, planning, implementation and evaluation of adult education programs in formal and non-formal settings.

Agricultural Education 5320: *History and Principles of Vocational Education*. A study of history, philosophy, and principles for career and technology education. (web-assisted delivery).

Agricultural Education 5321: *Diffusion of Innovations*. Dynamics of cultural change as theoretical framework for planned technological change, methods of implementing change, the effects of change, characteristics of change agents, and predicting the impact of change.

Agricultural Education 5330: *Research Methods in Vocational Education*. Principles and procedures of research used in developing and implementing programs of career and technology education, especially programs relating to agricultural sciences.

Agricultural Education 5335: *Curriculum Development in Vocational Education*. Principles and practices in developing and adopting curricula for different areas of vocational education. The dynamics of cultural and technological change on curricula as it relates to the educational needs of career and technology education students are stressed.

## **Courses Developed**

### ***Montana State University-Bozeman:***

Agricultural Education 291: *Special Topics – Parliamentary Procedure for Leaders*. Initially the brain-child of current MSU College of Agriculture students who noted a lack of preparation for leading and facilitating organizational meetings. As an organizational tool, Robert's Rules of Order, Newly Revised represents a commonality in civic, educational, business and governmental contexts. As a structure for active learning, RRONR offers students both historic and contemporary protocols as well as organizational and procedural opportunity for query and content. Two credits.

Agricultural Education 363: *Agricultural Youth Event Planning & Management*. The course focuses on planning and implementing agricultural activities for youth, such as county and state fairs, 4-H contests, and FFA Career & Leadership Development Events (C/LDE). The course specifically emphasizes planning an event, developing awareness and utilization of resources (people and things), developing a log and records regarding the event, and evaluating the effectiveness of an implementation plan and the actual event. Three credits.

Agricultural Education 482: *Non-Formal Teaching Methods for Agriculture Professionals*. Designed for senior and graduate level students in Agricultural Relations and other majors who will be designing, implementing and evaluating learning through Cooperative Extension and/or

other careers. The course covers theories, principles and practices associated with effective teaching and learning for adult education as well as non-adult educational settings such as 4-H meetings, conferences, and conventions. Three credits.

Agricultural Education 506: *Research Methods*. Redesigned traditional on-campus course for online delivery as a foundation course with the Online Masters program. Three credits.

Agricultural Education 594; *Online Seminar*. Co-developed and co-taught course to assist graduate students with timely completion of graduate program. One credit.

### ***Texas State University-San Marcos:***

Agricultural Services and Development 3310: *Diversity Issues in Agriculture*. Develop awareness and understanding of diversity issues relating to culture, ethnicity, gender, religion, sexuality, and society for pre-service agricultural practitioners who hope to integrate an understanding of work force diversity into their management style and professional behavior.

Agricultural Services and Development 4210: *Principles of Agricultural Development*. The principles and concepts of community leadership and development in changing urban and non-urban settings. Emphasis will be given to leadership styles and approaches, community development processes, and the leader's role in the change process.

## **Grants Funded**

July 2021: Northwest Farm Credit Services. Precision agriculture and sustainability for Montana. Total funding: \$1,5000,000. (project social sciences evaluator, **\$3,000** annually).

September 2019: United States Department of Agriculture/National Institute of Food and Agriculture. *A retrospective approach to guide agricultural literacy in the 21<sup>st</sup> century*. (principal investigator) **\$236,460**.

March 2016: Montana State University Emerging Scholars' Grant. *Clique or family: Navigating the path to teaching licensure for out-of-state students*. (supervisor). **\$1140**.

August 2014: Montana State University Provost's Research Enhancement; *Assessing Active Learning in STEM-based courses*; (collaborator & instruction modeler) **\$59,000**.

June, 2013: CenEx Harvest States Foundation. *Classroom technology applications for 21<sup>st</sup> century teacher preparation*. (project design and oversight) **\$600,000**.

February 2010: Bureau of Land Management; *Wildland Fire Education for Middle and High School*; (principal investigator) **\$174,200**.

September 2008: USDA SPECA; *Montana Secondary Agricultural Education Curriculum Update: Phase II*; (co-pi) **\$34,798**.

July 2007: USDA SPECA; *Montana Secondary Agricultural Education Curriculum: Updating & Modernizing Curriculum for Montana's Agricultural Education System*; (subcontract pi) **\$43,800**.

September 2005: Equipment Fee Allocation Committee Grant, MSU; *Technology upgrade to teacher education classroom*; (co-pi) **\$6462**.

January 2003: Research Enhancement Grant, SWT. *An Assessment of Recruitment Techniques for University Students Majoring in Areas of Agriculture*; **\$14,388**.

September 2002: Houston Livestock Show & Rodeo; *An Assessment of Recruiting techniques as Perceived by Secondary Agricultural Science Teachers in Texas*; (co-PI) **\$4,000**.

January 2002: Research Enhancement Grant, SWT; *Evaluating learning styles of Nursery/Landscape CDE participants who use an online training aid*; **\$9,200**.

September 2001: Houston Livestock Show & Rodeo; *Impact of training methods and learning styles on student success in FFA Career Development Events*; (co-pi) **\$4000**.



August 2001: Research Development Initiative, College of Applied Arts, SWT. *Assessing Selected Texas Elementary Teachers' Knowledge of the Food, Fiber and Natural Resources System*; **\$2,800.**

August 2000: Houston Livestock Show & Rodeo. *Integrating Agricultural and Environmental Literacy in Texas High Schools*; **\$4,000.**

March 2000: Texas Education Agency. *School to Careers – Environmental Literacy Institute*; **\$66,000.**

January 2000: Southwest Texas State University, Academic Computing Committee; *Proposal to systematically update instructional delivery technology in Agriculture*; **\$23,500.**

**Participation in funded grants: \$1,286,748.**

### **Grants Unfunded**

*(Current proposals under consideration and past proposals submitted but not funded.)*

June 2018; Enhancing undergraduate students' career experiences in agriculture: Toward a self-sustaining model. Proposal submitted to USDA NIFA; (co-pi) \$396,911.

December 2016; Matching standards to practice in agricultural education. Proposal submitted to MT Office of Commissioner of Higher Education; (co-pi) \$52,951

March 2016, A self-sustaining model for enhancing undergraduate students' experiential learning to discover careers in agriculture. Proposal submitted to USDA NIFA; (co-pi) \$188,093

June 2013; Enhancing STEM education through real-life experiences for American Indian students; Proposal submitted to USDA NIFA; (co-pi) \$438,972.

May 2009; Native American training initiative for value-added entrepreneurs in agriculture. Proposal submitted to USDA CSREES; (project evaluator) \$37,306.

May 2009; Montana curriculum wildfire community assistance. Proposal submitted to U.S. Department of Interior, Bureau of Land Management; \$134,677.

January 2007: A collaboration model for faculty development at Tribal Colleges. Proposal submitted to USDA CSREES Higher Education Challenge Grant program; \$325,920.

January 2006: A collaboration model for faculty development at Tribal Colleges. Proposal submitted to USDA CSREES Higher Education Challenge Grant program; \$492,511.

**Unfunded grants total: \$1,670,430**

### **Contracts Funded**

2022-2023: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$9,600.

2021-2022: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$12,363.

2020-2021: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$10,897.

2019-2020: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$8,000.

2018-2019: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$10,221.

2017-2018: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$10,221.

2016-2017: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$10,221.

2015-2016: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$6,961.

2014-2015: Montana FFA Association. *Youth event management.* (Arnold, Igo, Perry) \$6,670.

### **Publications**

#### **Books:**

Leising, J., Igo, C., Heald, A., Hubert, D., & Yamamoto, J. (1999). *A guide to food and fiber systems literacy.* Stillwater, OK: Oklahoma State University Press.

### **Refereed Publications:**

- Perry, D. K., Arnold, S. K., \*Rianda, J. L., & **Igo, C. G.** (2019). University recruitment efforts targeting high school students considering agricultural education as a career. *North American Colleges and Teachers of Agriculture Journal*, 63(2), 140-143.
- \*Bailey, N. E., Arnold, S. K., & **Igo, C.G.** (2014). Educating the future of agriculture: A focus group analysis of the programming needs and preferences of Montana young and beginning farmers and ranchers. *Journal of Agricultural Education*, 55(2), 167-183. Doi: 10.5032/jae.2014.02167.
- Arnold, S.,\*Miller, J. & Igo, C. (2011, June). Adding value to AAAE professional conferences for graduate students. *NACTA Journal*, 55 (2) 14-20.
- \*Fox-Koon, L.A., Frick, M.J., & **Igo, C.G.** (2009). What kind of students are enrolling in a College of Agriculture and are they staying?: A mixed methods approach. *NACTA Journal*, 53(2).
- \*Kante, A., **Igo, C.G.**, & Frick, M.J. (2009). Enhancing effectiveness of extension efforts: A case study of Malian shea butter producers. *Journal of International Agriculture and Extension Education* 16(1), 105-115.
- Pense, S.L., Leising, J.G., Portillo, M.T., & **Igo, C.G.** (2005). Comparative assessment of student agricultural literacy in selected agriculture in the classroom programs. *Journal of Agricultural Education*, 46(3).
- \*Poskey, R.N., **Igo, C.G.** & Waliczek, T.M. (2003). Learning style, preparation techniques, and success of secondary students participating in a Nursery/Landscape career development event. *Texas Journal of Agricultural and Natural Resources*, 16, 40-46.
- Leising, J.G., Pense, S.B., & **Igo, C.G.** (2001). An assessment of student agricultural literacy knowledge based on the food and fiber systems literacy framework. *Southern Agricultural Education Research Journal*, 50, 140-145.

### **Non-Refereed Publications:**

- \*Parrish, R.E. & **Igo, C.** (2004). Measurement of level of community involvement among Hays County 4-H members compared to non 4-H members. *Texas 4-H and Youth Development Program Research Review*. Texas Cooperative Extension. 29-43.
- Cepica, M.J., Stockton, J., Eggenberger, L., Dillingham, J., **Igo C.G.** & Snodgrass, T.D. (1984). *Integration of computer related instruction in Texas vocational agriculture programs*. Lubbock: Texas Tech University. (ERIC Document Reproduction Service No. ED 256 943).

### **Magazine and Newsletter Articles:**

- Igo, C.G.** & \*\*Igo, C.S. (2010). The leadership of letting go. *The Agricultural Education Magazine*, 83(2). 16-18.
- Arnold, S., & **Igo, C.** (2009). Meeting agricultural education community needs through experiential learning. *The Agricultural Education Magazine*, 81(5), 20-22.
- Igo, C.**, Moore, D. M., Ramsey, J. & Ricketts, J.C. (2008). The problem-solving approach. *Techniques*, 83 (1). 52-55.
- Igo, C.G.** (2005, September). Two weeks down...34 to go. *Desert Roses*. 8, 4.

**Igo, C.G., & White, J.D.** (1999, March-April). It has gone without saying too long already! *The Agricultural Education Magazine*, 71 (5), 8-9.

**Igo, C.G.** and Cepica, M.J. (1985). Using microcomputers in vocational agriculture: Work smarter not harder. *Agricultural Education*, 57 (10), 18-20.

## **Presentations**

### **Refereed Proceedings:**

\*Noack, R. & **Igo, C.** (2023, June) Growth and development of adults with developmental disabilities through agriculture. *Proceedings of the Annual North American Colleges and Teachers of Agriculture Conference*, Las Cruces, NM. NACTA Journal, 67, supplement 1, 36.

\*Rianda, J. L. & **Igo, C. G.** (2020, May) Agricultural literacy in Montana preservice elementary educators. *Proceedings of the Annual National American Association for Agricultural Education Research Conference*. 47, 795-811.

Rianda, J., Perry, D., Arnold, S., & **Igo, C.** (2018, September). University recruitment efforts targeting high school students considering agricultural education as a career. *Proceedings of the Annual Western Region Agricultural Education Research Conference*. Boise, ID.

Becker, Wendy, \*Evenson, Josie, Perry, D. K., & **Igo, C. G.** (2018, June). Advancing your market project. *Proceedings of the Annual North American Colleges and Teachers of Agriculture Conference*, Ames, IA.

\*Hill, A., **Igo, C.**, and Marlow, C. (2014). A review of select water education initiatives of the last 40 years. *Proceedings of the Annual North American Colleges and Teachers of Agriculture Conference*, Bozeman, MT.

\*Passmore, M., Arnold, S., & **Igo, C.** (2011). Aligning extension education curriculum at land grant universities with professional competencies: A delphi study. *Proceedings of the Annual Agricultural Education Research Conference*, Coeur D'Alene, ID. (acceptance rate: 43%).

\*Larsen, E.W., **Igo, C.G.**, Arnold, S.K., & Stone, C. C. (2011). Youth-adult partnerships: Examining the perceptions of youth and adult 4-H foundation board members. *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Fresno, CA. (acceptance rate: 66.0%).

\*Passmore, M., Arnold S. **Igo, C.** (2011). Aligning extension education curriculum at land grant universities with professional competencies: A delphi study. *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Fresno, CA. (acceptance rate: 66.0%).

**Igo, C.G.**, & \*Larsen, E.W. (2010) Academic advising in a college of agriculture: Are adjustments needed in a downturn economy? *Proceedings fo the Annual Agricultural Education Research Conference*, Omaha, NE. (acceptance rate: 46.8%).

Arnold, S.K., \*Miller, J., & **Igo, C.G.** (2010). Adding value to professional conferences for graduate students. *Proceedings of the Annual Agricultural Education Research Conference*, Omaha, NE. (acceptance rate: 46.8%).

Arnold, S.K., \*Miller, J., & **Igo, C.G.** (2010). Adding value to professional conferences for graduate students. *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Great Falls, MT. (acceptance rate: 60.0%).

- Igo, C.G. & \*Larsen, E.W.** (2010). College of agriculture academic advising in a downturn economy: Are changes needed? *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Great Falls, MT. (acceptance rate: 60.0%).
- \*Flynn, A.M., **Igo, C.G.** & Frick, M.J. (2009). Leadership life skills of Montana 4-H youth: An analysis of influences. *Proceedings of the Annual Agricultural Education Research Conference, USA*. 36. (acceptance rate: 46.8%)
- \*Flynn, A.M., **Igo, C.G.**, & Frick, M.J. (2009). Factors influencing leadership life skills of Montana 4-H Youth. *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Lake Tahoe, NV. (acceptance rate: 53%)
- \*Kante, A., **Igo, C.G.**, & Frick, M.J. (2008). Making extension efforts more effective: A case study of Malian shea butter producers. *Proceeding of the Annual Conference of the Association of International Agricultural and Extension Educators*, Costa Rica. 24, 283-293.
- \*Fox-Koon, L.A., Frick, M.J., & **Igo, C.G.** (2007). What Kind Of Students Are Enrolling In A College of Agriculture At A Western Land Grant University And Are They Staying? *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Cody, WY. 26.
- \*Parrish, R.E. & **Igo, C.G.** (2006). Community involvement: Does 4-H make a difference? *Proceedings of the Annual Western Region Agricultural Education Research Conference*, Boise, ID. 25, 51-61.
- \*Poskey, R.N., **Igo, C.G.**, Waliczek, T.M., Briers, G.E., & Zajicek, J.M. (2005). Assessing learning styles and preparation techniques of secondary students participating in the Texas nursery landscape career development event. *Proceedings of the National Agricultural Education Research Conference, USA*, 32, 118-131.
- \*Petty, L.J. & **Igo, C.G.** (2005). Effects of 4-H interstate exchange program participation. *Proceedings of the Western Region Agricultural Education Research Conference*, Prescott, AZ.
- Frick, M.J., King, B.O., **Igo, C.** & Cooper, K.J. (2003, April). A leadership profile of FFA state officer's work ethic: A preliminary study of state FFA officers. *Proceedings of the Western Region Agricultural Education Research Conference*, Portland, OR.
- Leising, J.G., Pense, S.B., & **Igo, C.G.** (2001, Dec). An assessment of student agricultural literacy knowledge based on the food and fiber systems literacy framework. *Proceedings of the National Agricultural Education Research Conference*, 28. 259-268.
- Igo, C.G.**, Leising, J.G., & Frick, M.J. (1999). An assessment of agricultural literacy in K-8 schools. *Proceedings of the National Agricultural Education Research Conference*, 26, 49-61.
- Hubert, D., Frank, A., & **Igo, C.** (1999, June). *Environmental and agricultural literacy education*. Paper presented at 7<sup>th</sup> International Conference of the Israel Society for Ecology and Environmental Quality Sciences, Tel Aviv, Israel.
- Igo, C.G.**, Leising, J.G., & Frick, M.J. (1999). A case study assessment of standards and benchmarks for implementing food and fiber systems literacy. *Proceedings of the Western Region Agricultural Education Research Meeting, USA*, 18, 218-229.

- Igo, C.G., & Leising, J.G.** (1999). Assessing agricultural literacy: A case study approach. *Proceedings of the Southern Region Agricultural Education Research Meeting, USA, 49*, 165-176.
- Hubert, D., **Igo, C.**, and Leising, J. (1998). Undergraduate students' perceptions of faculty advising. *Proceedings of the Western Region Agricultural Education Research Meeting, USA, 17*, 105-115.
- Schlais, M.R., **Igo, C.G.**, & Sleezer, C.M. (1996, March). *Distance education: An emerging concept for HRD*. Paper presented at the meeting of the Academy of Human Resource Development, Minneapolis, MN.

**Refereed Posters/Abstracts:**

- \*Evenson, J., **Igo, C.** & Arnold, S. (2020). Significance of 4-H on the coping skills development in youth. Abstract and poster presentation at the Western Regional Agricultural Education annual research conference, virtual. (acceptance rate: 81%).
- \*Gavin, K. A., **Igo, C. G.**, & Perry, D. K. (2016, September), *Assessing a food safety training program incorporating active learning in vegetable production*. Abstract and poster presentation at the Western Region Agricultural Education annual research conference, Tucson, AZ. (acceptance rate: 74%).
- \*Igo, E. A., Perry, D. K., and **Igo, C.G.** (2016, September). *FFA members perceived benefits and barriers to agricultural education teaching*. Abstract and poster presentation at the Western Region Agricultural Education annual research conference. Tucson, AZ. (acceptance rate: 90%).
- Arnold, S., Perry, D., & **Igo, C.** (2016, May). *An analysis of charms, challenges, and changes of state FFA CDEs based on student reflections*. Abstract and poster presentation at the American Association for Agricultural Education annual research conference, Kansas City, MO.
- \*Powell, A. L. & **Igo, C. G.** (2014, July). *Planning agricultural leadership coursework utilizing student temperament self-analysis*. Abstract and poster presentation at the Association of Leadership Educators annual conference, San Antonio, TX.
- \*Powell, A. L., **Igo, C. G.** & Arnold, S. K. (2014, June). *Using student temperaments to impact the college of agriculture planning and advising*. Abstract and poster presentation at the North American Colleges and Teachers of Agriculture annual conference, Bozeman, MT.
- \*\*Heupel, T. R., \*Bailey, N. E., \*Hill, A. M., & **Igo, C. G.** (2012, April). *National Quality Program Standards: More than local program success*. Abstract and poster presentation at the Western Agricultural Education Research Conference, Bellingham, WA.
- \*Hill, A., \*Whitney, S., Arnold, S., & **Igo, C.** (2011, April). *A formative evaluation of Ag Days at Montana State University*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Fresno, CA.
- \*Larsen, E.W., & **Igo, C.G.** (2010, April). *Youth-adult partnerships: Get your 50/50*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Great Falls, MT.
- \*Larsen, E.W., & **Igo, C.G.** (2009, May). *Orienting for success: Making difficult transitions easier*. Abstract and poster presentation at the National Agricultural Education Research Conference, USA.

- \*Miller, J.C., **Igo, C.G.**, Arnold, S.K., & Frick, M.J. (2009, May). *Teaching science and agriculture: A converse approach*. Abstract and poster presentation at the National Agricultural Education Research Conference, USA.
- \*Larsen, E.W., & **Igo, C.G.** (2009, April). *Orienting for success: Making difficult transitions easier*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Lake Tahoe, NV.
- \*Miller, J.C., **Igo, C.G.**, Arnold, S.K., & Frick, M.J. (2009, April). *Teaching science and agriculture: A converse approach*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Lake Tahoe, NV.
- \*Flynn, A.M., **Igo, C.G.**, & Astroth, K. (2008, April). *College aspirations of Montana 4-H youth*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Park City, UT.
- \*Anderson, M.A., \*Kante, A., \*Meyer, B., Frick, M., & **Igo, C.** (2007, April). *Positioning in big sky country: Benchmark issues for Montana team aged in the 21<sup>st</sup> century*. Abstract and poster presentation at the Western Region Agricultural Education Research Conference, Cody, WY.
- Igo, C.G.**, Waliczek, T.M., and \*Poskey, R.N. (2003, December). *Learning styles and Career Develop Events: Potentials for success?*. Abstract and poster presentation at the National Agricultural Education Research Conference, Orlando, FL.
- \*Poskey, R.N., **Igo, C.G.**, & Cade, T.W. (2003, February). *Enhancing learning and student success in FFA Career Development Events with on-line training aids and learning style assessments*. Abstract and poster presented at the annual Southern Region Agricultural Education Research Conference, Mobile, AL.
- \*Poskey, R.N., Waliczek, T.M. & **Igo, C.G.** (2002, April). *Using computer technology to enhance learning and student success in Career Development Events*. Abstract and poster presented at the annual Western Region Agricultural Education Research Conference, Spokane, WA.
- Ullrich, D. & **Igo, C.** (2000, Dec.). *The first annual Texas Junior FFA leadership conference*. Abstract and poster presented at the National Agricultural Education Research Conference, USA, 27. 662-663.
- Ullrich, D. & **Igo, C.** (2000, Jan.). *Texas Junior FFA Leadership Conference*. Abstract and poster presented at the annual Southern Region Agricultural Education Research Conference, Lexington KY.
- Leising, J.G., Heald, A.D., & **Igo, C.G.** (1999, Dec.). *Standards-based education for agricultural literacy*. Abstract and poster presented at the National Agricultural Education Research Conference, USA, 26. 618-620.
- Heald, A.D., **Igo, C.G.**, & Leising, J.G. (1999, April). *Standards-based education for agricultural literacy*. Abstract and poster presented at the annual Western Region Agricultural Education Research Meeting, Corpus Christi, TX.
- Leising, J., **Igo, C.**, Heald, A., Hubert, D. (1999, January). *Standards-based education using the guide to food and fiber systems literacy*. Abstract and poster presented at the annual Southern Region Agricultural Education Research Meeting, Memphis, TN.

**Igo, C.G.,** Heald, A.D., & Hubert, D.J. (1998, April). *Reaching out with agriculture through the World Wide Web*. Abstract and poster presented at the annual Western Region Agricultural Education Research Meeting, Salt Lake City, UT.

Leising, J., **Igo, C.**, Hubert, D., Torrance, N., Terry, Jr. R., and Cox, C. (1997, April). *Towards consensus in agricultural literacy: The food and fiber systems literacy project*. Abstract and poster presented at the annual Southern Region Agricultural Education Research Meeting, Stillwater, OK.

Leising, J., **Igo, C.**, Hubert, D., Torrance, N., Terry, Jr. R., & Cox, C. (1997, March). *Food and fiber systems: Setting the standard in agricultural literacy*. Abstract and poster presented at the annual Oklahoma State University Graduate Student Research Symposium. Stillwater, OK.

**Igo, C.**, Ullrich, D., & Sitton, S. (1996, March). *Undergraduate internship opportunities in agricultural education, communications, and 4-H youth development at Oklahoma State University: A prototype*. Poster presented at the annual Southern Agricultural Education Research Meeting, Athens, GA.

\* - graduate student

\*\* - undergraduate student

### **Invited Presentations:**

**Igo, C.G.** (2023, January). *Building on charms, challenges and changes to develop SMART goals*. Presentation at the annual Fusion Conference hosted by Montana FFA Foundation.

**Igo, C.G.** (2021, June). *Mentoring early career CTE teachers*. Presentation at the annual professional development conference of the Montana Association for Agricultural Education.

Perry, D. K. & **Igo, C.G.** (2018, January). *Critical thinking for premier leaders*. Presentation at the annual GOLD Conference hosted by Montana FFA Foundation.

**Igo, C. G.** (2017, October) *How to write literature reviews*. Presentation to Plant Sciences and Plant Pathology Graduate Journal Club Conclave, Montana State University-Bozeman.

**Igo, C. G.** & Arnold, S. K. (2016, October). *Conflict management strategies: Yours, mine or ours*. Presentation at the annual professional development conference of Montana State University Extension.

Perry, D. K. & **Igo, C. G.** (2016, October). *Applying the four P marketing model to agricultural education in Montana*. Presentation at the annual professional development conference of the Montana Association for Career and Technical Education.

Perry, D. K. & **Igo, C. G.** (2016, April). *Applying critical thinking to college choices*. Presentation at Native American Preview Day, Montana State University-Bozeman.

Perry, D. K. & **Igo, C. G.** (2015, April). *Critically thinking about college success*. Presentation at Native American Preview Day, Montana State University-Bozeman.

Perry, D. K. & **Igo, C. G.** (2014, April). *Critically thinking in agricultural settings*. Presentation at Native American Preview Day, Montana State University-Bozeman.

**Igo, C.G.** (2013, October). *Making STEAM from STEM: finding the science, technology, engineering and mathematics in agriculture*. Presentation at the annual professional development conference of the Montana Association for Career and Technical Education.

- Igo, C. G. & Frick, M. J.** (2013, June). *Get A Rope: From halter-making to leadership. Learning activities for the secondary agricultural education setting*. Interactive workshop presented at the annual professional development conference of the Montana Association for Agricultural Education.
- Igo, C. G.** (2011, June) *Record keeping with the Agricultural Experience Tracker: An inquiry-based approach*. Montana Association for Agricultural Education In-Service Conference.
- Igo, C. G.** (2009, March). *Mountains or molehills: Making a case for effective teaching assistants*. Case study seminar presented to DGED 501, Montana State University, Bozeman, MT.
- Igo, C. G.** (2009, June) *Model spray boom construction & calibration*. Montana Association for Agricultural Education In-Service Conference.
- Igo, C. G. & Ricketts, J. C.** (2007, September). *Tucson, we have a problem: A problems-based approach to learning*. Interactive workshop presented at the Western Region Teaching Symposium, Tucson, AZ.
- Igo, C., Ramsey, J., Ricketts, J., & Moore, D.** (2007, June). *Problems-Based Learning*. Paper presented at the Omega Professional Growth Conference, Indianapolis, IN.
- Igo, C. G.** (2007, June) *Bridging the gap: Effective supervision of student teachers*. Montana Association for Agricultural Education In-Service Conference.
- Igo, C. G.** (2006, June) *Incorporating Agricultural Mechanics into SAE and FFA*. Montana Association for Agricultural Education In-Service Conference.

### **Guest Lectures:**

- AGSC 101 – Introduction to Agriculture and Environmental Resources. Ag literacy leads to ag education. (50 minute presentation); 2017.
- AGSC 101 – Introduction to Agriculture and Environmental Resources. *Critical thinking for college students*. (50 minute presentation); 2013, 2014, 2015, 2016.
- AGBE 353 – Cooperative Business Principles and Practices. *Cooperative legal structure and Steps in organizing cooperatives*. (two 50 minute presentations); 2015, 2016.
- AGED 482 – Non Formal Teaching Methods in Agriculture. *Real Colors: Facilitating instruction based on temperaments*. (110 minute presentation); 2012, 2013, 2014, 2015, 2016, 2017.

### **Graduate Committee Service**

#### **Chaired:**

- Kibirige, Brian, MSU, (2023 anticipated)
- Snedigar, Julianne, MSU, (professional paper, 2023 anticipated)
- Noack, Ryan, MSU, 2022, *Assessing staff professional development for agriculture within the Special K Ranch*. (professional paper)
- Berry, Andrea, MSU 2022, *Montana Master Gardeners responses to extreme heat: A Case study*. (professional paper)
- Schomer, Brett, MSU 2021. *A descriptive study of 4-H adult volunteers' perceptions of distance learning* (thesis).
- Evenson, Josie, MSU 2020. *Significance of 4-H on the development of youths' coping skills*. (professional paper).



- Rianda, Jondie, MSU 2019. *Agricultural literacy in Montana preservice elementary educators*. (thesis).
- Gavin, Kyle, MSU 2016. *Evaluation of a food safety training program incorporating active training methods in vegetable production using Kirkpatrick's four level model of evaluation*. (thesis).
- McRae-Holland, Christine, MSU, 2015, *The impacts of temperament type and motivations for recruiting and retaining adult volunteers in a youth development organization*. (professional paper).
- Powell, Ashley, MSU, 2014. *An examination of self-perceived temperament styles and its relation to the retention of first time, full-time freshmen in a college of agriculture*. (thesis).
- Hackett, Josette, MSU, 2013. (non-thesis).
- Hebel, Katie, MSU, 2013. *Communication channels: Educational providers engaging beginning farmers and ranchers with information they need, the way they want it*. (professional paper).
- Hill, Alexandra, MSU, 2013. *A review of select water education initiatives of the last 40 years*. (professional paper).
- Larsen, Eric, MSU, 2010. *An analysis of youth-adult partnerships in youth-serving organizations: A regional study*. (thesis).
- Flynn, Allison, MSU, 2008. *Factor influencing leadership life skills of Montana 4-H youth*. (thesis).
- Bradbury, Ricarda, MSU, 2005. *Montana State 4-H volunteer leader college: Does it make a difference?* (thesis).
- Parrish, Richard, TX State, 2004. *Community service: Does 4-H make a difference?* (thesis)
- Petty, Laura, TX State, 2003. *Case study analyses of the 4-H interstate exchange program in Texas*. (thesis).
- Sanders, Stacey, TX State, 2002. (non-thesis).
- Koepp, Matthew, TX State, 2002. (non-thesis).

### **Committee Member:**

- |                                         |                                  |
|-----------------------------------------|----------------------------------|
| Wittmer, Brandon, MSU 2023              | Hager-Wilson, Beth, MSU 2023     |
| Miyake, Carly, MSU, 2022                | Solf, Jennifer, MSU, 2022        |
| Shepherd, Jessica, MSU, 2019            | Mitchell, Katie, MSU. 2019       |
| Jones, Austin, MSU, 2018                | Hoffman, Eric, MSU, 2015.        |
| Prechter, Amy, MSU, 2014.               | Fine, Tim, MSU, 2014.            |
| Braaten, Rodney, MSU, 2013.             | Bailey, Nikki, MSU, 2013.        |
| Hamlen, Sarah, MSU, 2012.               | Passmore, Michelle, MSU, 2010.   |
| Anderson, Mary, MSU, 2007.              | Meyer, Ben, MSU, 2007.           |
| Kante, Assa, MSU, 2007.                 | Rawlins, Scott, MSU, 2006.       |
| Fox, Leann, MSU, 2006.                  | Whitman, Celia, MSU, 2004.       |
| Kellington-Pigg, Addie, TX State, 2004. | Norton, Michael, TX State, 2004. |
| Sisak, Timothy, TX State 2004           | Poskey, Roxann, TX State, 2003.  |
| Ledbetter, Laurie, TX State, 2002.      | Guenther, Joy, TX State, 2001.   |

### **Professional Service**

#### **Regional/National**

- Member, Multi-state Research Project W-3006, Multistate Agricultural Literacy Research. (third iteration; founding member of W-1006 in 2006). NIMMS, 2006-present.
- Panel reviewer, USDA/NIFA, 2021, 2020.

Conference Co-organizer, American Association for Agricultural Education, 2021.  
External Reviewer, promotion and tenure dossier, Utah State University, 2019.  
External Reviewer, promotion and tenure dossier, Texas Tech University; 2017.  
Parliamentarian, National Extension Association of Family & Consumer Sciences annual meeting and annual foundation meeting, 2016.  
PRAXIS Exam Reviewer, 2016.  
Evaluator, Distinguished research presentations, Western Region Agricultural Education Research Conference, 2014.  
Reviewer, North-Central Region Agricultural Education Research Conference; 2019, 2017, 2014, 2012, 2011, 2008, 2007.  
Coordinator, Research presentations, North American Colleges & Teachers of Agriculture National Conference, 2014.  
Reviewer, Journal of Southern Agricultural Education Research; 2014, 2012, 2009, 2008, 2005.  
Poster Evaluator, National Agricultural Education Research Conference; 2011.  
Reviewer, Journal of International Agricultural and Extension Education, 2011.  
Reviewer, Journal of Extension, 2010, 2011.  
Reviewer, Western Region Agricultural Education Research Conference, 2010, 2011.  
Reviewer, National Agricultural Education Research Conference; 2008-2013, 2006.  
Poster Evaluator, Western Region Agricultural Education Research Conference; 2006.  
Member, Program Improvement Committee, American Association for Agricultural Education; 2012-2015, 2005-2008.  
Discussant, Western Region Agricultural Education Research Conference; 2013, 2009, 2005, 2002.  
Western Region AAAE Ad-hoc committee on NAERC; 2002-2003.  
Reviewer, Central Region AAAE Research Symposium; 2011, 2009, 2007, 2005, 2003, 2001, 1999.

### **State**

CDE/LDE Facilitator, (Extemporaneous & Prepared Speaking, Parliamentary Procedure)  
Montana FFA State Convention, 2012-present.  
Event Scoring Coordinator, Montana FFA State Career Development Events; 2006 - present.  
Provider, Licensure Renewal Units, Montana office of Public Instruction, 2012-present.  
Reviewer, Content Standards and Model Curriculum Revision, Montana Office of Public Instruction, 2021.  
Committee Member, Agricultural Education PRAXIS exam for Montana teaching licensure, 2016.  
Member, Montana Team AgEd Workgroup; 2018-2022, 2006 – 2015.  
Member, Ad Hoc Committee for Carl Perkins Agricultural Education Funding; 2009.  
Member, Montana Professional Educator Preparation Program (PEPP) Standards Writing Team; 2004-2005.  
Texas Examination for Educator Certification (TExES) Committee to develop Agriculture Certification test, in affiliation with State Board for Educator Certification (SBEC); 2002-2004.  
Advisory Committee for Texas Agricultural Science Teachers' Professional Development; 2000-2004.  
Co-coordinator for University Ag Science Teacher Alumni meeting; 2000-2003.  
External reviewer of grant proposals, Sam Houston State University Office of Research and Sponsored Programs; 2003.  
State Agricultural Mechanics CDE Committee; 2001-2002.

Grants Selection Review Committee, Texas Education Agency; 2001.  
Texas Hunter Education Instructor and Hunting Ethics Inservice and Certification in cooperation with Texas Parks and Wildlife Department. (24 instruction hours); 2000, 2001.  
Agricultural Resources Continuing Education Inservice for secondary and elementary science teachers. (20 instruction hours); 2000, 2001.  
Agricultural and Environmental Literacy Inservice for 36 selected teachers from 13 Texas school districts. (40 instruction hours); 2000.  
State Officer Travel Coordinator, Area II FFA Association, Texas; 1992-1994.

### **University**

Internal Committee Member, Range Sciences Accreditation Review, SRM, 2022.  
Internal Reviewer, promotion & tenure dossier, College of Education, Health & Human Development; 2017  
Facilitator, Diversity Summit; 2016.  
Member, ADVANCE Facilitation Team; 2016-2018.  
Member, Western Ag Research Center Faculty Search Committee; 2016.  
Member, Northern Ag Research Center Faculty Search Committee; 2016.  
Faculty Representative, University Space Management Committee; 2015-2016.  
College Representative, John Deere Ag Expo Planning Committee; 2013-2014  
College Representative, Academic Technology Advisory Committee; 2010-2013.  
Division Representative, University Teacher Education Council; 2009-present.  
Secondary Education Representative, Teacher Education Standards & Practices committee; 2009-2010.  
Representative, Division of Graduate Studies Review Committee for Physics doctoral candidate, Harshawardhan Bhatkar; 2007-2010.  
Member, Computer Fee Allocation Committee, Montana State University-Bozeman; 2006-2008.  
Technology Education Faculty Search Committee, MSU; 2005-2007.  
Academic Affairs Committee, appointed by Faculty Council, MSU; 2005-present.  
Pride and Traditions Taskforce, Texas State University; 2003-2004.  
Academic Computing Committee, TX State; 2003-2004.  
College of Education Teacher Education Council, TX State; 2000-2004.  
Coordinator and liaison for Area VII FFA Leadership Development Events held on TX State campus; (approximately 400 contestants) 1999-2003.  
University coordinator and liaison for Texas FFA Scholarship and Awards Selection; (approximately 400 students and 130 teachers) 2000, 2001.

### **College**

Member, College of Agriculture/Montana Agriculture Experiment Station Mini-grant review panel, 2022.  
Co-Coordinator, College of Agriculture Retention Plan, MSU 2022.  
Co-Coordinator, College of Agriculture Summer Orientation, MSU, 2022.  
Member, College of Agriculture Precision Agriculture Review team, MSU, 2021.  
Member, College of Agriculture Leadership Team, MSU, 2020-present.  
Member, Montana Agriculture Experiment Station/Montana Extension faculty impact review, 2020, 2021, 2022  
Member, College of Agriculture Promotion and Tenure Committee, MSU; 2015-2018.  
Appointed Alternate, College of Agriculture Promotion and Tenure Committee, MSU; 2014.  
Member, Lead21 selection committee, MSU; 2014-2015.  
Co-Coordinator, MSU Ag Days; 2010.  
College of Agriculture Scholarship Committee, MSU; 2006 – 2011, 2022.

Event Scoring Coordinator, MSU Ag Days; 2005-2010.

### **Division/Department**

Department Seven-Review, scheduler and organizer, 2021  
Department Seven-Year Review Self-Study, author and editor, 2021  
Department Work Load Plan Development Committee, Member; 2019-2020.  
Department Role & Scope Committee, Chair; 2018-2019.  
Division Curriculum Committee, Chair; 2016-2019.  
Division Faculty Search Committee, Chair; 2014.  
Division P&T Committee, Chair; 2013-2014  
Division Administrative Assistant Search Committee, MSU Ag. Ed.; 2010, 2011, 2013, 2019, 2022  
Division Scholarship Committee, MSU; 2005-present.  
Budget Committee, Agriculture Department, SWT; 2000-2001.  
Teaching Committee, Agriculture Department, SWT; 1999-2000.

### **Community Service**

Adult Sunday School Teacher, Belgrade Christian & Missionary Alliance Church; 2017-present  
Treasurer, Belgrade Christian & Missionary Alliance Church; 2014-2015.  
Coach, FFA Parliamentary Procedure Team, Belgrade High School; 2007-2011.  
Member, Gallatin FFA Alumni Association; 2007-present.  
Deacon, Belgrade Baptist Church; 2007-2010.  
Liaison, Ag in the Classroom, Bozeman WinterFest; 2006.  
Faculty advisor, MSU Baptist Collegiate Ministry; 2005-2010.  
Adult Sunday School Teacher, Belgrade Baptist Church; 2005-2008.  
Adult Sunday School Teacher, San Marcos First Baptist Church; 2002-2004  
San Marcos High School FFA Banquet Speaker; May 2002  
Faculty advisor, SWT Baptist Collegiate Ministry; 2001-2004  
Wimberley, TX High School FFA Banquet Speaker; May 2001  
Director, 1<sup>st</sup>-3<sup>rd</sup> grade Children's Choir, San Marcos First Baptist Church; 2000-2003.  
Deacon, Yale Baptist Church; 1996-1999.  
Board of Directors, Permian Basin Fair & Exposition; 1990-1995.  
Livestock Committee, Sandhills Hereford & Quarterhorse Show; 1990-1995.