

# Carl G. Igo

Curriculum Vitae

Division of Agricultural Education  
P.O. Box 172830  
Bozeman, MT 59717

Montana State University-Bozeman  
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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: Teacher Education, Higher Education Administration

**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 and about agriculture  
Teaching and Learning Interactions

Recruiting & Retention  
Teacher Preparation

## Professional Experience

**Associate Professor**      **2010-present**  
**Assistant Professor**      **2004 – 2010**

Division of Agricultural Education, Montana State University-Bozeman, Bozeman, MT 59717

*Direct teacher education program for Agricultural Education majors; supervise student teachers; assist with direction of Agricultural Relations academic program; teach core university seminar course in Agricultural Leadership for all students in the College of Agriculture; teach undergraduate and graduate courses in Agricultural Education; teach on-line graduate courses for Division's distance Master's program; advise undergraduate and graduate students; serve on ten thesis committees (to date); coordinate state FFA career development events; assist with planning, implementation, and evaluation of annual statewide inservice workshops for high school agriculture teachers; serve on division, 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) 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; served on ten graduate committees; coordinated area and statewide FFA career development and leadership development events; serve on departmental, school, 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**

American Association for Agricultural Education  
Association for Career & Technical Education  
Montana Association of Agricultural Educators  
North American Colleges and Teachers of Agriculture

### **Professional Leadership**

Division representative, Faculty Council, Montana State University-Bozeman, 2009-2012.  
National FFA Foundation Board of Trustees; 2008-2009.  
Western Region AAEE Consultant, National FFA Board of Directors, 2007-2009.  
Co-Chair, Agricultural Experiment Station Multi-State Agricultural Literacy Research Committee (W1006); 2006-present.  
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-present.  
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**

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.  
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.  
North American Colleges & Teachers of Agriculture Teaching Award of Merit; 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**

#### ***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. (2004-present).
- 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. (2005-present).
- 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. (2007-present).
- 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). (2004-present).
- Agricultural Education 494: *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. (2008-present).
- 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. (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. (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.
- 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. (2005-present).
- Agricultural Education 594: *Graduate Seminar*. Focuses on the guidelines, procedures, and processes necessary to assist timely completion of graduate programs. Online course. (2012-present).

***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. (taught with 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 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.

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

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

### ***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

February 2010: Bureau of Land Management; *Wildland Fire Education for Middle and High School*; **\$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.**

**Total participation in funded grants: \$387,328**

### **Grants Unfunded**

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

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: \$990,414**

### **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:**

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:**

- \*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:**

\*\*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.

### **Invited Presentations:**

- 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.** & 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.

\* - graduate student

\*\* - undergraduate student

## Graduate Committee Service

### Chaired:

- Larsen, Eric, MSU, 2010. *An analysis of youth-adult partnerships in youth-serving organizations: A regional study.*
- Flynn, Allison, MSU, 2008. *Factor influencing leadership life skills of Montana 4-H youth.*
- Bradbury, Ricarda, MSU, 2005. *Montana State 4-H volunteer leader college: Does it make a difference?*
- Parrish, Richard, TX State, 2004. *Community service: Does 4-H make a difference?*
- Petty, Laura, TX State, 2003. *Case study analyses of the 4-H interstate exchange program in Texas.*
- Sanders, Stacey, TX State, 2002. (non-thesis).
- Koepp, Matthew, TX State, 2002. (non-thesis).

### Committee Member:

- |                                    |   |
|------------------------------------|---|
| Hamlen, Sarah, MSU, 2012           | Undem, Katie, MSU, 2011                 |
| 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.   | Poskey, Roxann, TX State, 2003.         |
| Ledbetter, Laurie, TX State, 2002. | Guenther, Joy, TX State, 2001.          |

## Professional Service

### Regional/National

- 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; 2008-2012, 2006.
- Reviewer, North-Central Region Agricultural Education Research Conference; 2011, 2008, 2007.
- Poster Evaluator, Western Region Agricultural Education Research Conference; 2006.
- Member, Program Improvement Committee, American Association for Agricultural Education; 2005-2008.
- Reviewer, Journal of Southern Agricultural Education Research; 2012, 2009, 2008, 2005.
- Discussant, Western Region Agricultural Education Research Conference; 2005, 2002.
- Western Region AAAE Ad-hoc committee on NAERC; 2002-2003.
- Reviewer, Central Region AAAE Research Symposium; 2005, 2003, 2001, 1999.

### State

- Workshop Facilitator, *Record keeping with the Agricultural Experience Tracker: An inquiry-based approach.* Montana Association for Agricultural Education In-Service Conference, 2011.
- Member, Ad Hoc Committee for Carl Perkins Agricultural Education Funding; 2009.
- Workshop Facilitator, *Model spray boom construction & calibration.* Montana Association for Agricultural Education In-Service Conference; 2009.
- Member, Montana Team AgEd Workgroup; 2006 – present.
- Workshop Facilitator, *Bridging the gap: Effective supervision of student teachers.* Montana Association for Agricultural Education In-Service Conference; 2009, 2007.

Workshop Facilitator, *Incorporating Agricultural Mechanics into SAE and FFA*. Montana Association for Agricultural Education In-Service Conference; 2006.

Event Scoring Coordinator, Montana FFA State Career Development Events; 2006 - present.

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**

College Representative, Academic Technology Advisory Committee, 2010-present.

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**

Co-Coordinator, MSU Ag Days; 2010.

College of Agriculture Scholarship Committee, MSU; 2006 - 2011.

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

### **Division/Department**

Division Administrative Assistant Search Committee, MSU Ag. Ed.; 2010, 2011.

Division Scholarship Committee, MSU; 2005-present.

Budget Committee, Agriculture Department, SWT; 2000-2001.

Teaching Committee, Agriculture Department, SWT; 1999-2000.

### **Community Service**

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 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.