

CURRICULUM VITA
DR. BRAD R. SKAAR

Contact Information

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Education

<u>Degree</u>	<u>Institution</u>	<u>Date Received</u>
B.S. Major: Animal Science	Colorado State University	1979
M.S. Major: Genetics and Animal Breeding Thesis: Comparing yearling weight breeding value estimates of Hereford bulls.	Iowa State University	1983
Ph.D. Major: Genetics and Animal Breeding Minor: Statistics Dissertation: Direct and maternal effect variance component estimation from Hereford and Angus field data.	Iowa State University	1985

Positions Held

<u>Position</u>	<u>Institution</u>	<u>Dates</u>
Graduate Teaching Asst.	Iowa State Univ.	1979-1981
Adjunct Instructor	Iowa State Univ.	1982-1984
Assistant Professor	Iowa State Univ.	1985-1990
State Extension Specialist	Iowa State Univ.	1985-2003
Associate Professor (Tenured)	Iowa State Univ.	1990-2018
Faculty Fellow	Iowa State Univ.	2013-2015

Courses Taught

AnS 110: Basic Animal Science (Winter Farm Operations Program)
AnS 114: Survey of the Animal Industry (on-campus and distance offerings via ICN)
AnS 101: Working With Animals
AnS 199: Seedstock Merchandizing (experiential learning, designed/implemented)
AnS 214L: Basic Concepts of Animal Science Laboratory
AnS 226: Beef Cattle Science
AnS 305: Livestock Evaluation
AnS 352: Livestock Improvement Through Animal Breeding
AnS 353: Designing Breeding Programs (redesigned case study approach)
AnS 345/545X: Growth Development (distance offered, developed cooperatively w/ 5 universities)
AnS 411: Addressing Contemporary Issues Facing Animal Science
AnS 426: Beef Cattle Management Decisions (traditional offering since 1998)
AnS 475 A, D: Meat Animal Evaluation
AnS 480A: Beef Industry Leadership
AnS 490/590: Independent Study Undergraduate/Graduate
AnS 496: Domestic and International Agricultural Travel Courses (organized and conducted)
AnS 497: Undergraduate Teaching Experience
DMACC 113: Survey of the Animal Industry (cooperative course taught at DMACC campus)

Programs and Experiences

International:

- ISU Agriculture Study Trip to New Zealand - 2020
- ISU Agriculture Study Trip to Brazil – 2014, 2016, 2018
- ISU Study Abroad Articulation Coordination with New Zealand universities
- World Food Prize Symposium – 2004, 2006-2009, 2017-2108
- Latin American Pork Seminars - 1995-2000
Co-coordinator, presenter: meat quality, value based marketing seminars.
Sponsorship awarded by the American Soybean Association. St. Louis, MO
- Consulting Programs and Harvest Plant Audits. Maturin, Caracas, Venezuela; Cali, Colombia.
- Columbia National Pork Congress, Medellin, Colombia.
Workshops on Genetic Control and Assessment of Pork Quality
- Seminaria Annual Porcino, Caracas, Venezuela. Co-organizer of international pork production short-courses for participants from South America. Presentations on swine growth, development, pork quality assessment, and value-based marketing. Sponsorship awarded from the American Soybean Association, Caracas, Venezuela.
- Restructuring Agriculture and Agribusiness in the Private Sector - USAID, Czech Republic (6 trips), and to Slovakia (4 trips).
- ISU Asian Agriculture Study Trips - Led agriculture travel course of 14 students to Peoples Republic of China, Japan, South Korea.
- Genetics and Breeding Seminars, University Helsinki, Finland.
- Cattle Genetics Seminars. Invited presentations, Univ. of Helsinki and Finnish Animal Breeders Association.
- Producer seminar speaker and Judge of National Cattle Show of Finland.

Programmatic:

- Higher Learning Commission Peer Corp Reviewer, 2018 to present
- Co-chair of ISU HLC Accreditation Review Committee, 2014-2016
- ISU Quality Initiative Project for HLC Accreditation, 2015
- ISU Beef Fellows Program 2005 to 2010, 2018 to present.
- Developer of Iowa State University Animal Science ROUNDUP (University)
- ISU Visiting Professor Series (College)
- ISU Science in Agriculture (College)
- ISU Success With Students (University)
- ISU AnS Experience ISU Day (University)
- ISU Center For Teaching Excellence (University)
- Natl. Collegiate Meat Animal Evaluation Contest - Communications Challenge
- New Iowa Schools Development Corp. (school/community communications development)
- ASAS Teaching Committee – National Symposium, 2005 – The Scholarship of Teaching
- ASAS Midwest Section – 2005-06: Symposium Committee 06: In Support of Teaching
- Midwest Amer. Soc. Of Anim. Sci. Teaching Symp.: What Defines Effective Teaching
- American Association of Higher Education: Applied Science Curriculum Defined By Outcomes: Process and Product” Presentation at AAHE meetings, Charlotte. 2000.
- Agriculture Leadership Course Development. Partnership with Cargill, Inc. Undergraduate, interdisciplinary course offering for Spring, 2001 (College).
- Block and Bridle Club and Event Advisor. 1998 to present including numerous subcommittees and related activities.

Curricular:

- Chair, ISU Outcomes Assessment Committee (2012 to 2018)
- Chair, ISU CALS Critical Thinking Outcomes Assessment Committee (2012-2017)
- [Statewide Articulation with Iowa's Community Colleges](#) (2013-2017)
- College of Agriculture Outcomes Assessment Committee (2007, 2008, 2012-2017)
- Iowa State Univ. Faculty Senate Curriculum Committee Representative (2000-2016)
- ISU CALS Communication Outcomes Assessment Committee (2011-2012)
- Chair, ISU CALS Committee on Leadership Outcomes Assessment (2015-2017)
- Chair, ISU CALS Lifelong Learning Outcomes Assessment (2017-2018)
- Departmental Curriculum Revitalization: Initiated, designed, coordinated departmental curriculum development, outcomes assessment.
- Developed/delivered cooperative learning oriented course in breeding program design.
 - Developed new sophomore Beef Cattle Science Course.
 - Developed new senior level Beef Cattle Management Decisions Course.
 - Co-developed sophomore, senior integrated issues study with life skill focus (AnS 211/411)
 - Developed departmental teaching program organizational structure
 - Co-developed AnS 497, Undergraduate Teaching Experiences
- USDA Higher Education Grant. Multi-university cooperative effort teaching animal growth, development via distance education.
 - ISU Graduate Teaching Assistants Training. Presented techniques in cooperative learning, and upper level cognitive skill development.
 - Presentations to American Society of Animal Science: Outcomes-based Animal Science Curriculum: Process and Product, to the ISU CELT, American Association of Higher Education and Higher Learning Commission.
 - Chairman, College of Agriculture Curriculum Committee, Iowa State University (College). 2000-2005

Other:

- HLC Accreditation Steering Committee Co-Chair for Iowa State University – Author of Assurance Document for Criteria 3 and 4.
- Chair and co-designer of Quality Initiative for HLC ISU Accreditation of ISU.
- Appointment to ISU Academic Excellence Subcommittee of the Student Experience Enhancement Council.
- Academic Adviser for 50 to 70 undergraduate students each year since 1986.
- Committee Chair or Member of graduate POS committees in Meat Science, Agriculture, Livestock Production, and Education/Post Secondary Administration.
- Chair, ISU AnS Student Technology Fees (~ \$110, 000 budget per annum).
- Chair, ISU AnS Scholarship Committee (~\$120,000 budget per annum).
- Faculty adviser for numerous student clubs and organized efforts at departmental, college and university levels.
- Organizing committee for three University Faculty Retreats.
- Developed numerous internship opportunities for undergraduates and graduate students with entities such as Cargill, Sunnyfresh Foods, National Pork Producers and Iowa Cattlemen's Associations.
- Numerous Graduate POS Committees
 - ICA Beef Extravaganza – 2000 to present
 - CREES Review Team for Purdue Department of Animal Science, 2007
 - Co-Director of the ISU Beef Replacement Female Sale – 2002 to present

- Coach or Co-coach of Iowa State Univ. Livestock Judging Team: 1979 to 1984
 Record: 1979, 81, 83 Res. National Champions. N. Am. Livestock Expo.
 1981, 84 Champion Teams. American Royal
 1979, 84 Champion Teams. National Barrow Show
 1981, 83 Res. Champion Teams. Natl. Western Stock Show
- Coach of ISU Meat Animal Evaluation Team: 1983, 1989-2004, 2006 to 2012.
 Record: 1983, 1997, 1998 Champion Team. Natl. Collegiate Meat Animal Evaluation Contest
 1989, 90, 91, 92, 94, 95, 01, 02, 04, 08, 10 Res. Champion Teams. Natl. Collegiate Meat Animal
 Contest
- Superintendent, National 4-H Livestock Judging Contest: 1993 -1995
- Superintendent, National Collegiate Meat Animal Evaluation Contest: 1995-99; Planning
 Committee, 2006 to 2012.
- Project LEARN, Iowa State University. 2001-2004

Teaching Related Grants and Funding Awarded

(removed for posting)

Recognition For Interaction With Students

Awarded by colleagues:

- 1990 ISU Foundation Award For Early Achievement In Teaching
- 1990 American Society of Animal Science Outstanding Teacher
- 1991 Iowa Legislative Award For Teaching Excellence
- 1991 Walnut Grove Livestock Service Award
- 1994 Natl. Assn. College Teachers of Agriculture National Merit Award
- 1994 Louis Thompson Outstanding Advisor in the College of Agriculture, ISU.
- 1999 Fellow – Awarded by Iowa State University Center For Teaching Excellence
- 2000 Vice-President – Gamma Sigma Delta, Iowa State University
- 2001-02 President – Gamma Sigma Delta, Iowa State University
- 2009 J.H. Ellis University Award for Excellence in Introductory Undergraduate Teaching
- 2011 to present CALS Deans Advisors Academy
- 2013, 2014 , 2019 IFC/PanHellenic Outstanding Faculty Member Recognition.
- Wakonse Teaching Fellow

Awarded by students:

- 1986 Iowa State University Greek Advisor of Year Award
- 1987 ISU Agriculture Council Outstanding Advisor Award
- 1987 Honorary Member of The National Block & Bridle
- 1988 Iowa FFA Distinguished Service Award
- 1990 ISU Order of Omega Favorite Faculty Member
- 1995 Alpha Zeta Adviser Recognition
- 1998 through 2006 Veishea Outstanding Faculty
- 2005 ISU Outstanding Leaders and Scholars Honored Faculty
- 2005 COA Faculty Representative for Summer Commencement
- 2004, 2005, 2006 IFC/PanHel Outstanding Faculty
- 2007 ISU Outstanding Leaders and Scholars Honored Faculty

Community, Personal Involvement

Church

Board of Deacons, Church Council, Adult Education Coordinator, Call Committee Chair, Long-Range Planning Chair, Focus on Grace Evangelism Outreach Development, LCMC Affiliation Task Force, National Conference representative

Civic Involvement

County Fair Beef Superintendent, Carcass Contest Chair, FFA Advisory Panel, Judging Program Coordinator, Little League Baseball Coach, Parks and Recreation Youth Basketball, Baseball and Football Coach, developed Story City and Heart of Iowa Soccer Program, Library Board of Directors, Lions Club, 4H Club Leader, Roland-Story Athletic Booster Foundation

Recent Related Presentations, Publications Related to Curriculum Assessment and Teaching

- Skaar, B. R. and Sarah Smith. 2019. Iowa State University, Ames, Iowa. Learning Animal Science: Cognitive Patience. LASPub030719d1. Contact at Skaar, Brad R [AN S] <skaar@iastate.edu> or Smith, Sarah J [AGEDS] sjalmaz@iastate.edu. All rights reserved.
- Skaar, B. R. 2019. Issue Identification Ability of Seniors in Animal Science 411 at ISU for the Spring, 2018 term. Publication prepared for the AnS departmental curriculum committee at Iowa State University. Ames.
- Skaar, B. R. 2018. Issue Identification Ability of Seniors in Animal Science 411 at ISU for the Fall, 2018 term. Publication prepared for the AnS departmental curriculum committee at Iowa State University. Ames.
- Skaar, B. R. Spring, 2017. Course-level Continuous Improvement Plan. Summary of continuous improvement assessments and practices for undergraduate courses taught at ISU during the 2016-2017 academic year.
- Skaar, B. R. 2017. A review of courses listed as meeting the US diversity requirement at Iowa State University. 2017. Publication prepared for the Faculty Senate Academic Affairs Council for Iowa State University. Ames.
- Skaar, B. R. 2017. Higher Learning Commission Quality Initiative for ISU: Second year implementation progress report. See *Reporting Post Graduation First Destination Survey Information by Academic Programs at ISU: Department of Animal Science*. Iowa State University. Ames.
- Skaar, B. R. 2017. Indirect Assessment of Graduating Undergraduate Students for ISU Diversity Related Learning Outcomes. Publication prepared for the Faculty Senate Academic Affairs Council for Iowa State University. Ames.
- Skaar, B. R. 2017. Assessment of courses offered on the US diversity list at Iowa State University. Publication prepared for the Faculty Senate Academic Affairs Council for Iowa State University. Ames.
- Skaar, B. R. 2017. Issue Identification Ability of Seniors in Animal Science 411 at ISU for the Spring, 2017 term. Publication prepared for the AnS departmental curriculum committee at Iowa State University. Ames.
- Skaar, B. R. 2017. Issue Identification Ability of Seniors in Animal Science 411 at ISU for the Fall, 2017 term. Publication prepared for the AnS departmental curriculum committee at Iowa State University. Ames.
- Skaar, B. R. 2016. Indirect Assessment of Graduating Undergraduate Students For ISU Diversity Related Learning Outcomes. Prepared for the ISU Faculty Senate. Iowa State University, Ames.
- Skaar, B. R. 2016. Report of Spring 2016 Post Graduation, First Destination Survey Results For the Department of Animal Science at Iowa State University. Prepared for

the Department of Animal Science by Brad R. Skaar, Iowa State University, Ames. May, 2016. Data provided in part by the College of Agriculture and Life Sciences Career Services. Mike Gaul, Director. Iowa State University, Ames.

- Skaar, B. R. 2016. A Review of Courses listed as meeting the US Diversity Requirement at Iowa State University. Prepared for the ISU Faculty Senate and the ISU Academic Affairs Council. Iowa State University, Ames.
- Skaar, B. R. 2016. Assessment of Courses Offered on the U.S. Diversity List at Iowa State University. Prepared for Academic Affairs Council, Iowa State University, Ames.
- Skaar, B. R. 2016. Issue Identification Ability of Seniors in Animal Science 411 at ISU. Prepared for the CALS Outcomes Assessment Committee, and the Curriculum Committee of Animal Science. Iowa State University, Ames.
- Skaar, B. R. , K. A. Zunkel. 2015. Quality Assurance Report for HLC Accreditation for Criteria 3 and Criteria 4 for Iowa State University. See <https://www-provost.sws.iastate.edu/help/program-review/2016-accreditation-and-planning--self-study>.
- Skaar, Brad R., Karen Zunkel and Lian Niu. Reporting Post Graduation, First Destination Survey Information by Academic Programs at ISU: Office of the Vice Provost, Iowa State University, Ames. June, 2015. Prepared as part of the 2015 Quality Initiative component of Iowa State University's HLC Accreditation Review.
- Skaar, B. R. 2015. Report of Spring 2015 Post Graduation, First Destination Survey Results For the Department of Animal Science at Iowa State University. Prepared for the Department of Animal Science by Brad R. Skaar, Iowa State University, Ames. May, 2015. Data provided in part by the College of Agriculture and Life Sciences Career Services. Mike Gaul, Director. Iowa State University, Ames.
- Skaar, B. R. and Karen Zunkel. 2015. Strategies for ISU Quality Initiative" presented in the HLC 2014 Roundtable Discussion on Quality Initiatives.
- Skaar, B. R. and Karen Zunkel. 2015. Share Fair of the HLC Annual Meetings. Continuous Academic Program Improvement through Comprehensive and Systematic Analysis of Graduates' Initial Success at Iowa State University. Presentation to the Higher Learning Commission Share Fair of Annual Meetings.
- Skaar, B. R. 2015. A Summary of Student Learning Outcomes Defined at Iowa State University. Evidence in support of HLC Accreditation: Criteria 3.
- Skaar, Brad R. July, 2015. Assessment of the Undergraduate Environmental Awareness Learning Outcomes in Animal and Dairy Science at Iowa State University. Report was submitted to the Curriculum Committee of the Department of Animal Science at ISU and also submitted to the College of Agriculture and Life Sciences Outcomes Assessment Committee. Report can be found at: <http://www.cals.iastate.edu/assessment> .
- Skaar, Brad R. July, 2013. Assessment of the Critical Thinking Abilities of graduating seniors in Animal and Dairy Science at Iowa State University. Report was accepted by the Curriculum Committee of the Department of Animal Science at ISU and subsequently submitted to the College of Agriculture and Life Sciences Curriculum Assessment Committee. Report can be found at: <http://www.cals.iastate.edu/assessment> .
- Skaar, Brad R. July, 2012. Communications Outcomes Report To CALS Outcomes Assessment Committee. Report was accepted by the Curriculum Committee of the Department of Animal Science at ISU and subsequently submitted to the College of Agriculture and Life Sciences Curriculum Assessment Committee. Report can be found at: <http://www.cals.iastate.edu/assessment> .