CURRICULUM VITAE

RONALD DAVID GREEN

(rgreen2@unl.edu)

PERSONAL INFORMATION:

Birth Date / Place:	June 17, 1961 (Roanoke, VA)
Spouse:	Jane O. Pauley (Married 8-02-86)
Children:	Justin Lucas, 27 yrs Benjamin Nathaniel, 25 yrs Kelli Noelle, 21 yrs Regan Emily, 19 yrs

EDUCATION:

B.S., Animal Science, 1983.	Virginia Tech Blacksburg, VA 24061 (Attended: 9/79 to 6/83)
M.S., Animal Science, 1985.	Colorado State University Fort Collins, CO 80523 (Attended: 8/83 to 8/85)
Ph.D., Animal Science, 1988.	University of Nebraska Lincoln, NE 68588 (Attended: 8/85 to 10/88)

PROFESSIONAL EXPERIENCE:

Senior Vice Chancellor for Academic Affairs (Interim), University of Nebraska-Lincoln (July 2015-present).

Serve as the chief academic officer for the University of Nebraska-Lincoln, while continuing to serve in permanent role as NU Vice President and IANR Harlan Vice Chancellor. Oversight of academic programs in Colleges of Architecture, Arts and Sciences, Business Administration, Education and Human Sciences, Engineering, Fine and Performing Arts, Law, and Journalism and Mass Communications; as well as University Libraries, Graduate School, Nebraska Public Policy Center, Nebraska Educational Television, the Raikes School, International Programs, and University Programs of Excellence.

Vice President, Agriculture and Natural Resources, University of Nebraska System
Harlan Vice Chancellor, Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln (July 2010-present).

Lead all programs in agriculture and natural resources in the University of Nebraska system of 5 campuses including oversight of $225M annual budget and 3,300 employees in teaching, research and extension programs. Also includes oversight of the UNL College of Agricultural Sciences and Natural Resources, Nebraska College of Technical Agriculture, Nebraska Agricultural Experiment Station, UNL Extension, Nebraska Forest Service, University of Nebraska Water for Food Institute, and the University of Nebraska Rural Futures Institute. Led development of over $145M in private philanthropic funding.

Senior Director, Global Technical Services, Pfizer Animal Health, Animal Genetics (April 2008-June 2010).

Responsible for building and leading a global team to provide technical leadership support to the new animal genomics and genetics portfolio of Pfizer Animal Health for the global beef, dairy, and sheep industries.

National Program Leader, Food Animal Production, United States Department of Agriculture, Agricultural Research Service (February 2003-December 2007). *Appointed Senior National Program Leader, USDA-ARS* (January 2008).

Responsible for facilitation and management of research programs covering genetics, genomics, physiology, nutrition, meat science, production systems, and animal well-being in dairy and beef cattle, sheep, swine, and poultry species. Research conducted at 20 locations across U.S. with approximate $45M annual budget.

DataGen Beef, LLC (September 2002-February 2003).

Co-owner and operator of beef cattle and general consulting business. Clients included Deseret Ranches – FMC (St. Cloud, FL); R.A. Brown Ranches (Throckmorton, TX); King Ranch (Kingsville, TX); American Simmental Association (Bozeman, MT); Frontier Beef Systems (Bozeman, MT); Montana State University and Montana Beef Network (Bozeman, MT); Caprock Industries (Amarillo, TX); ConAgra Beef Alliance (Greeley, CO); National Cattlemens Beef Association (Denver, CO); Montana Stockgrowers Association (Billings, MT); and Prime Rate Ranches (Ft. Pierce, FL).

Vice President, Cattle Operations, Future Beef Operations (February 2002-September 2002).

Responsible for complete cattle supply chain for 430,000 head annual production of integrated beef company with Safeway as retailer; oversight of $375M annual budget, supervisor of 25 professional employees and contracts with five feedyards, 42 stocker operations, and three technology partners (Intervet, Vigortone Ag Products, Dupont-Pioneer). Company ceased operations in August of 2002.

Assistant Vice President, Director of Genetic Operations, Future Beef Operations (May 2000-January 2002).

Responsible for oversight of genetic supply chain for vertically coordinated start-up company including oversight of $2.5M annual budget and contracts with 102 seedstock breeders across the United States.

Professor, Department of Animal Sciences, Colorado State University (1997-2000).

60% teaching, 25% research, and 15% service appointment in beef cattle breeding and genetics. Teaching responsibilities in animal breeding, DNA technologies for livestock, population genetics, beef production, and integrated resource management. Co-director of Western Center for Integrated Ranch Management involving 20 faculty members from two colleges and six departments. Faculty director of CSU Beef Improvement Center (Saratoga, WY) involving seedstock cow-calf production of 450-cow ranching operation. Chairman of departmental graduate program.

Associate Professor, Department of Animal Sciences, Colorado State University (1994-1997).

75% teaching, 25% research appointment in beef cattle breeding and genetics.

*Assistant Professor, Department of Animal Science and Food Technology, Texas Tech University (*1988-1994).

75% teaching, 25% research appointment in animal breeding and genetics.

Graduate Assistant, Department of Animal Science, University of Nebraska (1985-1988).

Research design, experimentation, analysis and interpretation; undergraduate teaching; seminars while conducting Ph.D. research in collaboration with the Roman L. Hruska U.S. Meat Animal Research Center, USDA-ARS, Clay Center, Nebraska.

(Major Professors: Gordon E. Dickerson (deceased) and Larry V. Cundiff)

Graduate Assistant, Department of Animal Sciences, Colorado State University (1983-1985).

Maintenance of database for ongoing projects; research design, analysis and interpretation; undergraduate teaching; committee work while conducting MS research.

(Major Professor: James S. Brinks)

Veterinary Assistant, Botetourt Veterinary Hospital, Fincastle, VA (1981).

Assistance in most aspects of 50% large, 50% small animal veterinary practice.

Farm Laborer, Rustic Lodge Farms, Troutville, VA (1973-1983).

Involved in all aspects of 100-cow family commercial beef cattle operation, including management of Angus show stock.

PROFESSIONAL AFFILIATIONS

Alpha Gamma Rho Fraternity
Alpha Zeta
American Angus Association
American Association for the Advancment of Science
American Society of Animal Science
Council for Agricultural Science and Technology
Federated Animal Science Societies
Gamma Sigma Delta
National Association of College Teachers of Agriculture
National Cattlemens Beef Association
National FFA Alumni Association
Sigma Xi
University of Nebraska Alumni Association
U. S. Beef Improvement Federation
Virginia Alpha Gamma Rho Alumni Corporation
VPI & SU Alumni Association

MAJOR HONORS AND AWARDS

2015: Fellow, American Association for the Advancement of Science
Champion of Innovation, Nebraska Innovation Campus, UNL
Distinguished Service Award to Agriculture, Nebraska Section ASABE
Champion of Research Award, University of Nebraska-Lincoln

2014: Fellow, American Society of Animal Science
Grand Presidents Society, Alpha Gamma Rho Fraternity
Distinguished Service to Agriculture, Nebraska Corn Board

2013: Honorary Membership, Innocents Society, University of Nebraska-Lincoln

2012: Inducted, Farm Foundation Roundtable

2010: President, American Society of Animal Science

2009: President-Elect, American Society of Animal Science

2008: Promoted to “Super-Grade” Senior National Program Leader, USDA-ARS

2007: Selected for 2007 USDA Senior Executive Service Candidate Development Program

2006: Outstanding Performance Award, USDA-ARS
Certificate of Merit Award, USDA-ARS

2005: Outstanding Performance Award, USDA-ARS
Certificate of Merit Award, USDA-ARS
Federal Executive Institute Graduate, U.S. Office of Personnel Management

2004: Outstanding Performance Award, USDA-ARS
Brother of the Century Award, National Alpha Gamma Rho Fraternity
(Top 1% of AGRs in terms of professional impact recognized on the 100th anniversary of the fraternity.)

Certificate of Merit Award, USDA-ARS
Named to: International Who's Who

2003: Outstanding Performance Award, USDA-ARS
Cattleman of the Year, Cattlemen for Christ (presented at National Western Stock Show, Denver, CO)
U. S. Beef Improvement Federation Continuing Service Award

2000: Colorado State University Mortar Board "Rose" for outstanding teaching

1998: Elected National President, National Block and Bridle Club
Jack E. Cermak Outstanding Advisor Award, Colorado State University
"Favorite Faculty" Award, Colorado State University Residence Halls

1997: National Association of College Teachers of Agriculture Fellow Award
Charles N. Shepardson / NACTA Meritorious Teaching Award, Colorado State Univ.
"Favorite Faculty" Award, Colorado State University Residence Halls

1996: Distinguished Teacher Award, Western Section, American Society of Animal Science
Nominated as one of "best" teachers, Colorado State University Alumni Association
Named to: Who's Who in America
Who's Who in the West
Who's Who in the World
Men of Achievement

1995: Elected National Vice President of Block and Bridle Club

1994: Meritorious Service Award, Texas Tech University Block and Bridle Club

1992: Elected National Secretary-Treasurer of Block and Bridle Club

1991: Outstanding New Faculty Member, Texas Tech Ex-Students Association.

1990: One of five outstanding faculty members recognized by Texas Tech Mortar Board and Omicron Delta Kappa for teaching excellence.
Teacher of the Semester, College of Agricultural Sciences, Agricultural Council, Texas Tech University.

1988: Arthaud Travel Grant for Outstanding Graduate Research, University of Nebraska.
Sigma Xi, University of Nebraska.

1987: Widaman Trust Distinguished Graduate Assistant Award, University of Nebraska.

1986: Outstanding Service Award, National Alpha Gamma Rho Fraternity.

1985: Shepardson Outstanding Graduate Student Teaching Award, Colorado State University.

1983: Outstanding Senior, VPI & SU Alpha Gamma Rho Fraternity.
Outstanding Member, VPI & SU Block and Bridle Club.
Member, Southeast Region Champion Academic Quadrathlon Team.
One of five finalists, Man of the Year, VPI & SU Class of 1983.
VPI & SU Gamma Sigma Delta and Alpha Zeta.

1982: Outstanding Junior, VPI & SU Block and Bridle Club.
Honorable Mention, National Block and Bridle Club Junior Scholarship.

LEADERSHIP AND SERVICE ACTIVITIES

Appointed Member:	Unifying Scientific Message, Riley Foundation, Steering Committee (2015)
	APLU Task Force on Antibiotic Use in Agriculture (2014-15)
	University of Nebraska Presidential Search and Screening Committee (2014)
	National Research Council Review Team of USDA-AFRI National Academy of Sciences (2013-14)
Host Committee:	Cattlemens Ball of Nebraska (Fund Raiser for UNMC Buffett Cancer Center) (2014-15)
Current Board Member:	Neogen Corporation Ag and Food STEM Council, STEMConnector Farm Foundation Roundtable American Society of Animal Science Foundation Chicago Council on Global Affairs Agricultural Roundtable AGree Roundtable Nebraska Innovation Campus Development Corporation NU TechVentures Nebraska Hall of Agricultural Achievement Agriculture Builders of Nebraska Nebraska 4-H Foundation Agricultural Distance Education Consortium

President, Member of Executive Committee, Board of Directors, American Society of Animal Science (2009-12)

Board of Directors, Federation of Animal Science Societies (FASS) (2010-14)

Music and Drama Ministry, El Salvador Habitat for Humanity Mission Team, Sheridan Lutheran Church, Lincoln, Nebraska (2012-present)

Executive Secretary, White House Interagency Working Group on Domestic Animal Genomics, National Science and Technology Council, U.S. Office of Science and Technology Policy, Executive Office of the President (2003-08)

Chair, USDA Animal Genomics Strategic Planning Task Force (2006-07)

Co-Chair, European Union – U.S. Livestock Genomics Workshop, EU-US Biotechnology Task Force (2006-08)

Appointed Member, U.S. Beef Improvement Federation Commission on the Future of Genome-Enabled Beef Cattle Improvement (2006-08)

Expert Panelist, European Commission, Framework Programme 7, RTD E – Biotechnologies, Agriculture and Food – Livestock Genomics (2007-11)

Expert Panelist, Review of NRSP-8 (5-year), Animal Genomics, USDA-CSREES (2007)

Appointed Co-Chair, USDA/ARS Process Reengineering Task Force (2007-08)

International Bovine Genome Sequencing Project Advisory Council, USDA Representative (2003-08)

Chair, International Bovine Genome Project Technical Committee (2004-08)

USDA Project Manager, International Bovine Genome Sequencing Project (2003-08)

International Swine Genome Sequencing Consortium, USDA Representative (2004-08)
NCBA Production Research Committee (2003-10)

Member, Board of Directors, American Society of Animal Science (2004-08, 2009-12)

Recording Secretary, American Society of Animal Science (2004-07)

Member, Executive Committee, American Society of Animal Science (2004-07; 2009-12)

National Beef Cattle Evaluation Consortium, Board of Directors (Ex-Officio Member, 2006-08)

NCBA Research & Knowledge Management, Research Priorities Panel, Product Enhancement (Chair 2004)

American Dairy Science Association DISCOVER Conference Series Steering Committee (2003-11)

USDA National Animal Germ Plasm Program Coordinating Committee (Chair, 2003-08)

Steering Committee, Convergence of Genomics and the Land Grant Mission: Emerging Trends in the Applications of Genomics in Agricultural Research Symposium, Purdue University, September 2007

Chair of Organizing Committee, USDA Joint ARS-CSREES Animal Production and Well-Being Stakeholder Workshop, Kansas City, MO, April 2006

Organizing Committee, Bovine Genome II Symposium, Houston, TX, March 2005

Organizing Committee, DISCOVER Conference on Animal Germ Plasm, Cheyenne, WY, November 2004

Organizer, USDA Animal Genomics Workshop, Washington, DC, September 2004

Organizing Committee, USDA/ARS National Scientific Leadership Conference, New Orleans, LA, January 2004

Organizer, USDA/ARS Swine Production Research Workshop, Ames, IA, December 2003

Organizing Committee, AviGenics Chicken Genome Symposium, Atlanta, GA, November 2003

National Cattlemens Beef Association and Pfizer, Inc. Beef Industry Speaker Bureau (since 1996)

Appointed Member, Awards Committee, Western Section, American Society of Animal

Science (1996-2005)

Ad hoc reviewer for: ***Journal of Animal Science***
Journal of Dairy Science
Journal of Meat Science
Proceedings of National Academy of Sciences
Canadian Journal of Animal Science
South African Journal of Animal Science
Animal Genetics
BMIC

Lay Minister, Music Ministry, Zion Lutheran Church and Sutton Federated Church, Sutton, Nebraska (United Church of Christ and United Methodist Church) (2003-2012)

2000-2003: Member, Elder, Worship Leader, Kiowa Creek Community Church (Presbyterian Church-USA)

1997-2003: Lay Ministry Leader, Northern Colorado Walk to Emmaus Community

1995-2002: Chairperson, Emerging Technologies Committee, U.S. Beef Improvement Federation

Western Region Executive Secretary and Member of National Board of Directors, U. S. Beef Improvement Federation

1999-2000: Panel Manager, USDA-CSREES Small Business Innovative Research Grants Program, Washington, DC

Editor of Joint BEEF Magazine / CSU / Beef Improvement Federation "Genetics Issue" (Published in February 2000)

Co-Chair (with Larry Cundiff and Dick Quaas), 7th Beef Improvement Federation Genetic Prediction Workshop

Chair, Collegiate Livestock Leaders Institute, NCBA / ASAS / National Block and Bridle Club

Invited Panelist, FAIR 2002, Washington, DC

1998-2000: National President, National Block and Bridle Club

Colorado Agricultural Experiment Station Administrative Intern, USDA ESCOP/ACOP Program

Director, Interdisciplinary Competitive Research Grants Program, Colorado Agricultural Experiment Station

Co-Director, Western Center for Integrated Resource Management, Colorado State University (other Co-Director was Gordon Niswender)

Breed Association Liaison, National Carcass Merit Project, National Cattlemens Beef Association

2000-01: Research Advisory Technical Subcommittee, Product Enhancement, Science and Technology Committee, National Cattlemens Beef Association

1999-2002: Beef Species Advisory Committee, National Animal Germ Plasm Program, USDA-ARS

1990-2000: Experiment Station Representative to Western Region Beef Cattle Breeding Coordinating Committee (WCC-1) of CSREES
(Chair, 1994-95)
(DNA Repository Coordinator, 1995-2000)
(Writing Committee Chair, 1996-97)

1997-2000: Appointed Member, Advisory Committee and Executive Committee, Western Section, American Society of Animal Science (Chair 1998-99, 1999-00)

1996-2000: Active Member, Deacon, Soloist, Worship Team, Adult Sunday School Teacher, Wellington Federated Church, Wellington, CO

1995-2000: Appointed Member, Teaching Committee, American Society of Animal Science (Chair 1999-2000)

Appointed Member, Cow-Calf Efficiency Task Force, Natl. Cattlemens Beef Association

Appointed Member, Carcass Size/Growth EPD Task Force, Natl. Cattlemens Beef Association

Faculty Director, John E. Rouse Colorado State University Beef Improvement Center

Ex-Officio Member, Breeder's Task Force, American Quarter Horse Association

Advisory Council Member on Research Funding, Samuel Roberts Noble Foundation, Ardmore, OK

1994-2000: Soloist, Department of Athletics, Colorado State University

Advisor, Colorado State Block and Bridle Club

1998-99: Organizer and Chair of "Genetic Engineering for Profit" Program of Cattlemens College for 1999 National Cattlemens Beef Association Convention, Charlotte, NC

Organizer and Chair of Joint BEEF Magazine / NCBA / Beef Improvement Federation "Genetics Issue" (Published April 1999)

1997-98: Appointed Member, Animal Care and Use Committee, Colorado State University

Peer Reviewer and Panelist, USDA-CSREES Higher Education Challenge Grants Program, Washington, DC

Coordinator, 1997 Colorado State University/AustraLearn Rural Studies Tour to Australia and New Zealand

1996-98: Convention Chairperson and Coordinator, 78th National Block and Bridle Club

Convention, Denver, CO, January 1998

1996-99: Faculty Advisor, Agricultural Council, Colorado State University College of Agricultural Sciences

Faculty Advisor, Fellowship of Christian Cowboys, Colorado State University

1995-97: National Vice President, National Block and Bridle Club

1995-96: Facilitator, Future Focus Strategic Planning Task Force, U. S. Beef Improvement Federation

Chairperson, Biotechnology Committee, U.S. Beef Improvement Federation

1992-96: Experiment Station Representative to National Genetics of Body Composition in Beef Cattle Project (NC-196) of CSREES (Writing Committee, 1994-95)

1994-96: Member, Organizing Committee, World Hereford Congress (held in Fort Collins, CO in 1996)

1994-95: Member, National Beef Tenderness Plan Task Force, National Cattlemens Association

Agricultural Sciences Representative, Faculty Council, Colorado State University

Soloist, Choir Member, Active Member, Immanuel Christian Reformed Church, Fort Collins, CO

1991-95: Secretary-Treasurer, National Block and Bridle Club

1991-93: Chairman, Ultrasound Certification Subcommittee, U. S. Beef Improvement Federation

1990-93: Chairman, Lubbock Presbyterian Council
Agricultural Sciences Senator, Texas Tech Faculty Senate

1990-91: Ruling Elder, Westminster Presbyterian Church, Lubbock, TX

1988-94: Soloist, Choir Member, Music Ministry, Active Member, Westminster Presbyterian Church, Lubbock, TX

Advisor, Texas Tech Block and Bridle Club
Texas Tech Academic Quadrathlon Program

1988-90: Advisor, Beta Xi Chapter Alpha Gamma Rho Fraternity, Texas Tech University

1987-88: Choir Member, Music Minister, Active Member, Westminster Presbyterian Church, Lincoln, NE

1985-87: Music Director, Bethel Baptist Church, Lincoln, NE

1984-85: Advisor, Rho Chapter Alpha Gamma Rho Fraternity, Colorado State University

1982-83: President, Virginia Tech Block and Bridle Club

Secretary, Virginia Tech Alpha Gamma Rho

Vice Chairman, Virginia Tech Agricultural Club Council

1981-82: President, Virginia Tech Collegiate FFA

Prior 1981: State Vice President, Virginia Association FFA
FFA State and American Farmer Degrees
Virginia 4-H All Star
Vice President, Virginia Junior Angus Association
Board Member, Northeast Regional Junior Angus Show
Delegate, American Junior Angus Association

MAJOR INVITED LECTURES AND PRESENTATIONS

1. 2015 Range Beef Cow Symposium, Fort Collins, CO, "The World of 2015 Where Consumer Opinion Trumps Science"

2. 2015 National Meeting of the Grange Society, Lincoln, Nebraska, "Living in 2015 but Thinking in 2050 — Achieving Global Food Security and Water Sustainability"

3. 2015 Disruptive Innovations Conference, STEMConnector, National Press Club, Washington, DC, "Public-Private Partnerships to Advance STEM Workforce Development in Ag & Food"

4. 2015 International Genomics Symposium, American Angus Association, Overland Park, KS, "Realization of the Genome-Enabled Era of Cattle Improvement"

5. 2015 Joint Heuermann Lecture / National Rural Futures Conference, Lincoln, Nebraska, "40 Chances – Reflections of Howard G. and Howard W. Buffett" (Moderator)

6. 2015 Reciprocal Meats Conference, National Meeting of American Meat Science Association, Lincoln, Nebraska, "Meeting 2050 Global Demand for Animal Protein in a Dichotomous World"

7. 2015 National Ag Day Forum, AGRI-PULSE, Washington, DC, "Public-Private Partnerships in Innovating for Global Food Security"

8. 2014 Sigma Xi National Conclave and the Institute for Science in Global Policy, Glendale, AZ, "Living in 2014 but Thinking in 2050 — Achieving Global Food Security and Water Sustainability"

9. 2014 INNOVATE Conference, American Society of Animal Science, Brainerd, MN, "The Role of the Contemporary Land-Grant University in Global Food Security"

10. 2014 American Institute for Indonesian Studies and Fulbright Indonesia, Jakarta, INDONESIA, "Global Food Security: Living in 2014 but Thinking in 2050"

11. 2014 Board of Directors, Alliance for a Green Revolution in Africa (AGRA), "The Challenge of Water and Food"

12. 2014 Annual Meeting, U.S. Beef Improvement Federation, "50 Years of Impact Through the U.S. Meat Animal Research Center"

13. 2014 Celebration of 50th Anniversary of the USDA-ARS U.S. Meat Animal Research Center, Clay Center, NE. "The Value of Publicly Funded Research"

14. 2014 Advancing Food Security in the Face of Climate Change, Chicago Council on Global Affairs, Washington, DC, "The Water Challenge"

15. 2014 Governor's Ag Outlook Forum, Kearney, NE, "Advancing Livestock Expansion in Nebraska"

16. 2013 Grain Forum, Chinese State Administration of Grain, Zhengzhou, Henan, CHINA, "The Challenge of Safety, Quality, and Value-Added Potential for Chinese Grain Supplies"

17. 2013 Transatlantic Dialogue, Nebraska Department of State, Lincoln, NE, "Meeting the 2050 Food and Water Security Challenge"

18. 2013 Stockholm World Water Week, Stockholm, SWEDEN, "The Great Drought of 2012: Evidence of the Power of Technological Innovation in American Agriculture"

19. 2013 Joint Annual Meeting, American Society of Animal Science, Indianapolis, IN, "The Legacy of Cundiff, Dickerson, Gregory, Koch, and Van Vleck"

20. 2013 Global Water for Food Conference, Lincoln, NE "Lessons from the Great Drought of 2012"

21. 2013 Global Harvest Initiative Water Forum, National Press Club, Washington, DC, "Too Hot, Too Wet, Too Dry: Building Resilient Agriculture"

22. 2013 Governor's Ag Outlook Forum, Kearney, NE, "Livestock Expansion for Nebraska: Possibilities for Global Leadership"

23. 2013 Zoetis CEO Roundtable, Miami, FL, "Beef Industry Issues and Challenges"

24. 2012 Agriculture Future of America Annual Conference, Kansas City, MO, "Work-force Needs for Agriculture in 2050"

25. 2012 Heuermann Lecture, Lincoln, Nebraska, "Reflections of Four Former U.S. Secretaries of Agriculture on the 150th Anniversary of the Morrill Act" (Co-Moderator with Jeff S. Raikes)

26. 2012 Food Animal Integrated Research Symposium, Federation of Animal Science Societies, Washington, DC, "Training the Next Generation of Animal Scientists"

27. 2012 National Rural Futures Conference, Lincoln, NE, " A New Model for Land-Grant University Engagement in the Rural Great Plains"

28. 2012 Distinguished Lecture Series, Michigan State University Environmental Science and Policy Program and Center for Water Sciences, East Lansing, MI, "Plowing New Ground in Water: The Daugherty Water for Food Institute"

29. 2012 Teaching and Learning in the Animal Sciences Conference, Madison, WI, "Changing the Paradigm for Animal Science Education in the 21st Century"

30. 2012 Innovate Conference, American Society of Animal Science, Shell Beach, CA, "Funding Livestock Research and Outreach in the Future"

31. 2012 New Framework Dialogue, Chicago Council on Global Affairs, Des Moines, IA, "A New Framework for U.S. Agricultural Science and Technology"

32. 2012 Council on Competitiveness Workshop Energy-Food-Water Dialogue, Davis, CA, "Innovating at the Nexus: Meeting Future Demand through Science and Technology"

33. 2011 Indo-US Science and Technology Council Workshop, Chennai, INDIA, "The Water and Food Nexus is the Great 2050 Challenge"

34. 2011 Transatlantic Dialogue, Nebraska Department of State, Lincoln, NE, "The Challenges at the Nexus of Food-Energy-Water"

35. 2011 Biotechnology Webinar Series, Federation of Animal Science Societies, "The State of Science in Biotechnology"

36. 2010 Honor Alumni Lecture, College of Agriculture and Life Sciences, Virginia Tech, Blacksburg, VA, "Making Livestock Genomes Come to Life for Innovation of Animal Agriculture"

37. 2010 Peterson Graduate Symposium, University of Minnesota, St, Paul, Minnesota, "What Does Industry Need from Graduate Education?"

38. 2010 National Wheat Genomics Workshop, Lincoln, NE, "Making Investments in Sequencing Livestock Genomes Come to Life"

39. 2010 Novos Enfoques Bovine Reproduction Congress, Uberlandia, MG, BRASIL, "Perspectives on the Global Cattle Production of the Future"

40. 2010 Canadian National Bovine Conference, Cancun, MEXICO, "Cattle Genomics Comes of Age"

41. 2009 Range Beef Cow Symposium, Casper, Wyoming, "Opportunities for Selection in the Genomics Decade"

42. 2009 Australasian Association of Animal Breeding and Genetics, Adelaide, SA, AUSTRALIA, "Breeding Cattle in the Future"

43. 2009 Annual Meeting, Joint Annual Meeting, American Society of Animal Science, American Dairy Science Society, Montreal, CANADA, Triennial Reproduction Symposium, "A Global Perspective on the Evolution of Animal Agriculture"

44. 2009 Embrapa National Beef Symposium, Campo Grande, Mato Grosso, BRASIL, "The Industry and Research in Genomics: Competition or Partnership?"

45. 2009 Canadian National Veterinary Advisory Council, Montreal, CANADA, "The Genome Era for Beef and Dairy Cattle"

46. 2009 National Pedigreed Livestock Council Annual Meeting, Kansas City, MO, "Commercialization of Genomics in Cattle and Sheep"

47. 2009 Annual Meeting, National Cattlemens Beef Association, Phoenix, AZ, "The Genetic Selection Toolbox – Feed Efficiency"

48. 2009 Plant and Animal Genome Meeting, San Diego, CA, "Bringing Genomics to Practical Application in the Cattle Industries"

49. 2008 Academy of Veterinary Consultants, Denver, CO "Beef Cattle Genetic Improvement and Precision Management with Genomics"

50. 2008 Annual Meeting, California Cattlemens Association, Reno, NV, "The Cattle Genome Era"

51. 2008 Australian Registered Cattle Breeders Association, EKKA, Brisbane, QLD, AUSTRALIA, "Future Use of DNA Markers in Cattle Improvement"

52. 2008 Centennial Meeting, American Society of Animal Science, Indianapolis, IN, "What is the Future of Animal Breeding?"

53. 2008 Centennial Meeting, American Society of Animal Science, Indianapolis, IN, "Bright Futures for Graduate Students in the Federal Government"

54. 2008 Distinguished Lecturer, Department of Animal Sciences, The Ohio State University, "The New Generation of Animal Sciences"

55. 2008 Plant and Animal Genome Meeting, San Diego, CA, "Developing a Functional Research Partnership in Applied Bovine Genomics – U.S., Canada, Australia, and New Zealand".

56. 2008 Annual Meeting of the American Sheep Industry Association, Las Vegas, NV, "New Horizons in Sheep Genomics Research – The U.S. and Australia".

57. 2007 Bill and Melinda Gates Foundation Symposium, National Academy of Sciences, Washington, DC, "Opportunities in Animal Genomics for Improving Quality of Life in the Developing World".

58. 2007 Genome Canada Swine Genomics Summit, Toronto, ONT, CANADA, "U.S. Federal Perspective on Funding Genomics".

59. 2007 Genome Canada Livestock and Aquaculture Genomics Summit, Ottawa, ONT, CANADA, "The State of the Art of Livestock Genomics".

60. 2007 Annual Meeting of the U.S. Beef Improvement Federation, Fort Collins, CO, "Are Today's Research and Education Efforts Relevant?".

61. 2007 Leadership Workshop, American Angus Association and Certified Angus Beef, Kansas City, MO, "What Should the Beef Seedstock Industry Do With Applied Genomics?".

62. 2007 Genomics Opportunities Workshop, USDA-ARS North Atlantic Area, Shepherdstown, WV, "Opportunities in Agricultural Animal Genomics".

63. 2007 National Agricultural Library Seminar Series, Washington, DC, "Applied Animal Genomics – Delivering on the Promise".

64. 2007 Annual Meeting of the National Cattlemens Beef Association, Nashville, TN, "USDA Research Initiatives for the Beef Cattle Industry: 2007-2012".

65. 2007 Annual Meeting of the American Sheep Industry Association, San Antonio, TX, "Future Opportunities in Sheep Genomics Research".

66. 2006 Strategic Planning Session, Alliance for Animal Genomics Research, Washington, DC, "Next Steps to Capitalize on the Investment in Animal Genomes".

67. 2006 Pfizer Genomics Brain Trust Symposium, New York, NY, "Applications of Genomics to the Livestock Industries in the Post-Genome Sequencing Era".

68. 2006 Merial Igenity "Lariat" Symposium, Kansas City, MO, "The Future of Cattle Genetic Improvement Following the Bovine Genome".

69. 8th World Congress on Genetics Applied to Livestock Production, Belo Horizonte, BRAZIL, "Sequencing the Bovine Genome and Impact on Future Research".

70. 2006 Texas A&M University Beef Cattle Shortcourse, College Station, TX, "Overview of the International Bovine Genome Sequencing Project".

71. 2006 EU-US Livestock Genomics Workshop, Brussels, BELGIUM, "The USDA Animal Genomics Strategic Plan – Opportunities for Transatlantic Cooperation".

72. 2006 Annual Meeting, American Society of Animal Science, Minneapolis, MN, "Bureacracy Surrounding Stem Cells and Cloning".

73. 2006 Monsanto Guest Lecture Series, St. Louis, MO, "Capitalizing on the Bovine and Porcine Genome Sequences".

74. 2006 Select Sires Think Tank, Columbus, OH, "Revolutionizing Dairy and Beef Cattle Breeding: Implications of Having the Bovine Genome Sequence!".

75. 2006 Board of Directors Meeting, Texas Beef Council, Austin, TX, "Status of the Bovine Genome Sequencing Project".

76. 2006 Annual Meeting of the National Cattlemens Beef Association, Denver, CO, "Update on the Bovine Genome Sequencing Project".

77. 2006 Plant and Animal Genome Meeting, San Diego, CA, Convener and Moderator of Bovine Genome Project Session.

78. 2005 Strategic Planning Session, Alliance for Animal Genomics Research, Chicago, IL, "Charting the Course for Capitalizing on the Investment in Animal Genomes".

79. 2005 World Dairy Expo, Madison, WI, "The Future of Dairy Genetics as Influenced by the Bovine Genome Project".

80. 2005 Havemeyer Equine Genomics Workshop, Kildare, IRELAND, "Bringing Together the Resources Needed for Equine Genome Sequencing".

81. 2005 Alltech Branded Beef Summit, Lexington, KY, "Research Opportunities in Branded Product Development".

82. 2005 Annual Meeting of U.S. Beef Improvement Federation, Billings, MT, "What Will Be the Impact of the Bovine Genome Sequencing Project?".

83. 2005 Western Section Animal Science Symposium, Las Cruces, NM, "What Has the Beef Industry Learned from Coordinated Supply Chains?".

84. 2005 Florida Beef Cattle Shortcourse, Gainesville, FL, "Beyond EPDs – Genomics: Practical and Economic Considerations".

85. 2005 ARPAS Symposium, Washington, DC, "$52M + Line 1 Hereford = Holy Grail?".

86. 2005 Plant and Animal Genome Meetings, Poultry Workshop, San Diego, CA, "Report on the USDA Animal Genomics Workshop – 2004".

87. 2005 Plant and Animal Genome Meetings, Swine Workshop, San Diego, CA, "Overview of the USDA Genomics Strategic Plan Development".

88. 2004 Genetics Advisory Committee Meeting, National Pork Board, Des Moines, IA, "The Swine Genome Sequencing Initiative".

89. 2004 National Angus Conference, Roanoke, VA, "Evolving in to the Era of the Genome".

90. 2004 Mid-Year Meeting, National Cattlemens Beef Association, Denver, CO, "Is It Time for a National Beef Center of Excellence?"

91. 2004 American Forage Grasslands Council Annual Meeting, Roanoke, VA, "National Animal ID: A Blessing in Disguise?"

92. 2004 NAAB Dairy Genetics Meeting, Baltimore, MD, "The Bovine Genome Sequencing Project".

93. 2004 Annual Meeting, National Cattlemens Beef Association, Phoenix, AZ, "Research Priorities for Beef Product Enhancement".

94. 2003 Range Beef Cow Symposium, Scottsbluff, NE, "Beyond EPDs – Genomics: Practical and Economic Considerations".

95. 2003 Raithby Guest Scholar, University of Guelph, Guelph, Ontario, CANADA, "Integration of the Beef Industry?"

96. 2003 Southern Plains Beef Symposium, S. R. Noble Foundation, Ardmore, OK, "The Challenges of the New Beef Industry".

97. 2003 ASAS/NCBA Collegiate Livestock Leaders Institute, Phoenix, AZ, "The New Era of Animal Genomics".

98. 2003 Montana Beef Network Educational Seminar Series, Multiple Locations, MT, "Using the Current Generation of Genetic Improvement Tools in Commercial Beef Production".

99. 2003 Guest Scholar Program, University of Nebraska, Animal Science Department, Lincoln, NE, "How to be Successful as a Professional in Agriculture in the New Century".

100. 2003 Annual Meeting, National Cattlemens Beef Association Cattlemens College, Nashville, TN, "Real Life Experiences with Alliances".

101. 2002 Annual Meeting, Montana Stockgrowers Association, Billings, MT, "What Was Learned from Future Beef?".

102. 2002 Annual Meeting, U. S. Beef Improvement Federation, Omaha, NE, "Words of Encouragement: What Would Gordon Dickerson Say to Us Today?".

103. 2002 Nebraska Veterinary Medical Association, Grand Island, NE, "Using Beef Carcass Data Back on the Ranch".

104. 2002 Annual Meeting, Oregon Cattlemens Association, Pendleton, OR, "Questions to Ask When Aligning with a Supply Chain".

105. 2002 Annual Meeting, Texas and Southwestern Cattle Raisers Association, Fort Worth, TX, "DNA and Identification – Branding of the Future?".

106. 2002 Annual Meeting of American International Charolais Association, Denver, CO, " Update on Future Beef".

107. 2001 Customer Appreciation Seminar, Deiter Brothers, Faulkton, SD, "Replacement Female Selection in Terminal Crossbreeding".

108. 2001 Annual Meeting of Colorado Cattlemens Association, Colorado Springs, CO, "Cooperation through Vertical Coordination".

109. 2001 Future Beef Operations Maternal Multiplier Workshop, Arkansas City, KS, "Coordinating Production of Replacement Females in a Closed Loop Supply Chain".

110. 2001 University of Missouri Southwest Cow-Calf Symposium, Joplin, MO, "Vertical Coordination, Seedstock and Commercial Cow Calf Relationships".

111. 2001 Annual Meeting of Cooperators, Leachman Cattle Company, Hays, KS, "Terminal Crossbreeding and Maternal Replacements".

112. 2001 Annual. Mtg. U. S. Beef Improvement Federation, San Antonio, TX, "What Will be the Genetic Structure of the Beef Industry in the Future?".

113. 2001 Collegiate Livestock Leaders Institute, Indianapolis, IN, "Will the Beef Industry Move to Vertical Integration in the Future?".

114. 2001 Western Section of American Society of Anim. Sci. Symposium, Bozeman, MT, "Future Beef: A Case Study in Production Alliances".

115. 2001 American Hereford Association "Young Guns" Conference, Kansas City, MO, "Alliance Opportunities: Where Does the Hereford Fit?".

116. 2001 Annual Meeting of Wyoming Stockgrowers, Sheridan, WY, "Future Beef and Safeway: How Will It Work?".

117. 2001 Annual Meeting of Montana Stockgrowers, Dillon, MT, "Understanding Vertical Coordination".

118. 2001 Staff Retreat and Brain Trust, American Angus Association, St. Joseph, MO, "Foe or Friend?: Angus in the Future Beef Model".

119. 2001 Florida Beef Cattle Shortcourse, Gainesville, FL, "The Face of Vertically Coordinated Supply Systems" and "What Will Genomics Mean to the Beef Industry?".

120. 2001 Express Ranches Customer Cattlemens College, Yukon, OK, "The Future Beef Model and Its Meaning for Commercial Cattlemen".

121. 2001 Cattlemens College, Virginia Cattlemens Association, Hot Springs, VA, "Building Vertical Coordination in the Beef Industry to Capture Value".

122. 2001 Internation Livestock Congress, Houston, TX, "Challenges to Develop and Implement Genomics for the Beef Cattle Industry – Panelist".

123. 2001 Board Retreat, American Salers Association, Denver, CO, "The Changing Role of the Seedstock Producer in the Beef Industry".

124. 2001 Master Supplier Workshop, Future Beef Operations, Fort Collins, CO, "Increasing Consistency by Coordinating Genetics in a Supply Chain".

125. 2001 Genetics 706 Workshop, Future Beef Operations, Denver, CO, "Defining the Role of the Seedstock Producer in a Vertically Coordinated Supply Chain".

126. 2000 Robert E. Taylor Beef Symposium, Fort Collins, CO, "How Do Producers Deal with the Beef Industry's Current Change?".

127. 2000 University of Nebraska Cow-Calf Clinics, Ogallala and Valentine, NE, "Vertical Coordination is Here".

128. 2000 North American Limousin Foundation's Limousin Focus 2000 Symposium, Stillwater, OK, "Understanding the Genetics of Carcass Merit".

129. 2000 Kansas State University Seminar Series, Manhattan, KS, "Vertical Coordination in the Beef Industry".

130. 2000 NCBA-American Breeds Coalition Strategy Session, Houston, TX, "How the Changing Beef Industry Structure Changes the Demand for Heat Tolerant Maternal Genetics".

131. 2000 R. A. Brown Ranches Customer Appreciation College, Throckmorton, TX, "Customizing Selection Indexes for Commerical Cattlemen".

132. 2000 American International Charolais Association Annual Meeting, Kansas City, MO, "Applying Terminal Crossbreeding to a Retailer".

133. 2000 Twin Valley Farms Customer Seminar, Prattville, AL, "The Future Beef Model".

134. 2000 Effertz Key Ranch Customer Education Seminars, Bismarck and Mandan, ND, "Increased Need for Retail Meat Yield".

135. 2000 Genetic Outreach Program, American Hereford Association, Dighton, KS, "What's on the Horizon for Genetic Selection for Meat Quality?".

136. 2000 Annual Meeting of Beef Improvement Federation, Wichita, KS, "The EPD vs the QTL Approach".

137. 2000 Annual Meeting of the American Society of Animal Science, Undergraduate and Graduate Education Symposium, Baltimore, MD, "What is Balance for an Animal Scientist?".

138. 2000 Cattlemens College, Texas and Southwestern Cattle Raisers Association, Pampa, TX, "Optimum Genetics for Beef Cattle in the 21st Century".

139. 1999 (7th) Beef Improvement Federation Genetic Prediction Workshop, Kansas City, MO, "Understanding Marker-Assisted Selection".

140. 1999 Vista Genetics Vantage on Value, Utopia, TX, "What to Look for in a Full Service Genetic Provider".

141. 1999 Certified Angus Beef, "Angus University", Bozeman, MT, "Balancing the Scales Between Cow Productivity and Consumer Demand".

142. 1999 Rancher's Renaissance Alliance Brain Trust, Fort Collins, CO, "Attacking the Meat Quality Issue with Genetics".

143. 1999 Bi-Annual Meeting of Australian Beef Improvement Association, Armidale, New South Wales, Australia, "Building the Genetics for Profitable Quality and Consistency".

144. 1999 Bi-Annual Meeting of Australian Society for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, "Utilising New Genetic Improvement Technologies to Improve Beef Profitability and Palatability".

145. 1999 Bi-Annual Meeting of Australian Society for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, Beef Industry Day Keynote Address, "Breeding to Satisfy Customer Needs in the 21st Century".

146. 1999 Bi-Annual Meeting of Australian Society for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, General Conference Keynote Address, "Can Beef Cattle Breeding Satisfy Customer Needs in the 21st Century?".

147. 1999 BeefCheque Annual Symposium, Traralgon, Victoria, Australia, "Genetics – Making Money on the Farm".

148. 1999 Annual Meeting, U. S. Beef Improvement Federation, Roanoke, VA, "Can Beef Cattle Producers Have Their Cake and Eat It, Too?.

149. 1999 Industry Symposium, Western Section American Society of Animal Science, Provo, Utah, "Can Cow Adaptability and Carcass Acceptability Both be Achieved?".

150. 1999 Texas A&M University Cow Calf Conference, Brownwood, TX, "Matching Cattle Production with Consumer Demand".

151. 1999 Cattlemens College, Annual Convention, National Cattlemens Beef Association, Charlotte, NC, "Genetic Engineering for Profit – Conference Organizer and Moderator".

152. 1999 Red Angus Association of America Brain Trust, Denver, CO, "Establishing Partnerships Across Breed Lines" (Co-presenter with Tom Field).

153. 1999 Cattlemens College, Annual Convention, National Cattlemens Beef Association, Charlotte, NC, "DNA + EPDs = Marker Assisted Selection".

154. 1998 Virginia Beef Genetic Management Conference, Staunton, VA, "Genetic Selection in the Future: How Do We Overcome the Challenges?".

155. 1998 Mid-Year Meeting, Production Efficiency Subcommittee, National Cattlemens Beef Association, Denver, CO, "The Western Center for Integrated Resource Management" (Co-presenter with Jack Whittier).

156. 1998 Mid-Year Meeting, National Cattlemens Beef Association, Denver, CO, "The National Beef Genetics of Carcass Merit Project".

157. 1998 Annual Meeting, American Senepol Breeders Association, Fort Walton Beach, FL, "Being a 1990's Full Service Genetic Provider".

158. 1998 Annual Meeting, Colorado Cattlemens Association, Pueblo, CO, "An Overview of the National Beef Tenderness Genetic Evaluation Project".

159. 1998 Annual Meeting, Beef Improvement Federation, Calgary, Alberta, CANADA, "An Overview of the National Beef Tenderness Genetic Evaluation Project".

160. 1998 Mid-Year Meeting, National Cattlemens Beef Association, Denver, CO, "The Plan for the National Beef Tenderness Genetic Evaluation Project : 1998-2001".

161. 1998 Annual Meeting, Georgia Cattlemens Association, Athens, GA, "Research in Beef Cattle Carcass Genetics?".

162. 1998 Four Corners Beef Symposium, Durango, CO, "Sire Selection in the 90's".

163. 1998 Annual Meeting, North American South Devon Breeders Association, Denver, CO, "The Challenge of Increasing the Quality and Consistency of Beef Production".

164. 1998 National Block and Bridle Convention, Denver, CO, "Do Current Youth Education Programs Prepare People to be Successful in Animal Agriculture?".

165. 1998 Annual Convention, National Cattlemens Beef Association, Science & Technology Committee, Denver, CO, "The National Genetics of Carcass Merit Project".

166. 1997 Annual Meeting of the American Academy of Veterinary Consultants, Colorado Springs, CO, "Genetics of Beef Quality".

167. 1997 Annual Meeting, Colorado Simmental Association, Fort Morgan, CO, "Genetic Selection in the 90's: How Will We Overcome the Challenges?".

168. 1997 National Tenderness EPD Symposium / Planning Meeting, American Simmental Association and the National Cattlemens Beef Association, Kansas City, MO, "Genetics of Beef Tenderness: What do We Know and What do We Not Know?".

169. 1997 Field Day, Colorado Red Angus Association, Gill, CO, "Do Red Angus Cattle Fit Future Specs?".

170. 1997 Annual Meeting of Composite Cattle Breeders Alliance, Wichita Falls, TX, "Composite Cattle Breeding 101".

171. 1997 National Sheep Improvement Program, American Sheep Industry Council, Longmont, CO, "How Should the Serious Sheep Breeder Use the New EPD Technology?".

172. 1997 Math/Science Exploration Program, Poudre High School, Fort Collins, CO, " What's Up with Gene Mapping?".

173. 1997 Buffalo Creek – Beckton Stock Farms Sale Cattlemens College, Sheridan, WY, "Genetic Selection in the 90's: How Do We Overcome the Challenges?".

174. 1997 Colorado/National Western Stock Show Horse Expo, Denver, CO, "The Basics of Applied Equine Genetics".

175. 1997 Colorado Association of Bovine Practitioners, Fort Collins, CO, "Breeding Systems and Technology Simplified".

176. 1997 Farmland Industries Cow-Calf Shortcourses, Durango and Grand Junction, CO, "A Cowboy's Interpretation of EPDs".

177. 1997 PM Ag Products Distributors Leadership Workshop, Greeley, CO, "Interpreting and Using National Cattle Evaluation and EPDs".

178. 1997 Kansas Cow-Calf Clinics, Hutchinson and Wichita, KS, " The Economics of Carcass Merit in Beef Cattle".

179. 1997 Intermountain Beef Cow Symposium, Twin Falls, ID, " The Carcass Revolution and Your Pocketbook".

180. 1996 North Dakota Cow-Calf Conference, Jamestown, ND, "Can We Afford Technology in Today's Beef Cattle Industry?".

181. 1996 Congress of Genetics and Reproduction, Brazilian Association of Zebu Cattle Breeders, Uberaba, Brazil, "The Impact of DNA Technology on Beef Cattle Selection".

182. 1996 Rancher's Renaissance, Clear Fork Initiative, Stamford, TX, Facilitator.

183. 1996 Value Based Marketing Workshop, Fink Beef Genetic Systems, Manhattan KS, "How Can We do Value-Based Marketing Without Carcass EPDs?".

184. 1996 World Hereford Congress, Fort Collins, CO, "Demystifying DNA Technology?".

185. 1996 World Hereford Council, Fort Collins, CO, Moderator, "Setting Worldwide Policy on Technology Use".

186. 1996 Beefmaster Breeders United Annual Field Day, Lasater Ranch, Matheson, CO, "The Beef Cattle Industry Can Face Its Problems".

187. 1996 National Cattlemens Beef Association Mid-Year Meeting, Nashville, TN, Seedstock Council Meeting Moderator, "What is the Seedstock Industry Going to do to Respond to the 95 NBQA?".

188. 1996 Field Day, Colorado State University Beef Improvement Center, Saratoga, WY, "Should You be Concerned About Carcass Traits?".

189. 1996 Annual Meeting of American Society of Animal Science, Rapid City, SD, "Incorporating Research into the Undergraduate Teaching Process".

190. 1996 Strategic Planning Future Focus Task Force of the Beef Improvement Federation, Kansas City, MO, Facilitator.

191. 1996 Beef University, Colorado State University and Colorado Beef Council, Fort Collins, CO, "Genetics as a Critical Control Point in PACCP Programs" and "Internet Access and Use for Cattlemen".

192. 1996 Annual Meeting of Beef Improvement Federation, Birmingham, AL, "Carcass EPDs: Put Up or Shut Up!".

193. 1996 U.S. Youth Beef Industry Congress, Denver, CO, "Revolutionizing the Cattle Industry with DNA Technology".

194. 1996 Red Angus Association of America Breeders Brain Trust, Denver, CO, "Getting Past Go on Carcass EPDs".

195. 1996 Cattlemens' College, National Cattlemens Beef Association Annual Convention, San Antonio, TX, "Associations Between Polymorphisms in the Bovine Calpastatin Gene and Measures of Beef Palatability in *Bos Taurus* and *Bos Indicus* Crosses".

196. 1995 (5th) Beef Improvement Federation Genetic Prediction Workshop, Kansas City, MO, "Live Animal Measures for Carcass EPD Prediction".

197. 1995 (XIV) Range Beef Cow Symposium, Scottsbluff, NE, "How Important are Carcass EPDs?".

198. 1995 Breeders Task Force Planning Session, American Quarter Horse Association, Amarillo, TX, "Needs for Developing National Quarter Horse Genetic Evaluation".

199. 1995 Strategy Workshop, National Beef Quality Audit -- 1995, National Cattlemens Beef Association, Denver, CO, “Strategies for Biological Type Variation Management”.

200. 1995 Annual Meeting, Northwest Nebraska Cattlemen, Crawford, NE, “Hi-Tech Beef Production”.

201. 1995 Field Day, Colorado Ranch to Rail Program, Fort Collins, Co, “Genetics of Carcass Merit”.

202. 1995 Field Day, Colorado State University San Juan Basin Research Center, Hesperus, CO, “Searching for Genes to Improve Reproductive Efficiency”.

203. 1995 Annual Meeting of Beef Improvement Federation, Sheridan, WY, “Is It Possible to Decrease Costs in an Era of Increasing Technology?”.

204. 1995 Cattlemen’s College, Annual Meeting of National Cattlemens Beef Association, Nashville, TN, “Identification of Genetic Critical Control Points for Improving Beef Tenderness”.

205. 1995 Annual Meeting of American Gelbvieh Association, Denver, CO, “Balancing the Genetics of Eating Quality and Productivity”.

206. 1994 Joint Youth Leadership Conference, American Gelbvieh Association, American Salers Association and North American Limousin Foundation, Denver, CO, “Factors Leading to Value-Based Marketing”.

207. 1994 Cattlemen’s Forum, R. A. Brown Ranches, Throckmorton, TX, “What Exactly is Composite Cattle Breeding?”.

208. 1994 Field Day, Colorado State University Beef Improvement Center, Saratoga, WY, “The New Genetics Language”.

209. 1994 Mid-Year Meeting of National Cattlemen’s Association, Denver, CO, “A Cowboy Interpretation of EPDs” (with Tom Field).

210. 1994 Annual Meeting of Beef Improvement Federation, Des Moines, IA, “Retail Product Percentage EPD: Perceived Status and Needs”.

211. 1994 National Instrument Grading Conference, National Livestock and Meat Board, Chicago, IL, “Ultrasonic Prediction of Retail Yield EPD”.

212. 1994 Annual Field Day, Great Western Beef Expo, Sterling, CO, “How About Tenderness?”.

213. 1994 (4th) Genetic Prediction Workshop, Beef Improvement Federation, Kansas City, MO, "Body Composition EPD's".

214. 1993 Limousin Leader's Opportunity Regional Forum, Lubbock, TX, "How Do Seedstock Producers Respond to Industry Changes?"

215. 1993 Research Committee Meeting of Texas & Southwestern Cattle Raisers, Lubbock, TX. "Genetic Screening for Tenderness".

216. 1993 Southwest **B**eef **E**fficiency **E**nhancement **F**orum, Lubbock, TX, "EPD's: Fact or Fiction?".

217. 1993 Technology for Latin America: Beef Industry Program Symposium, College Station, TX, "The Use of EPD's in Beef Breeding Herds".

218. 1993 NCA Mid-Year Meeting, Denver, CO, "Summary of Carcass E.P.D. Directed Research".

219. 1993 American Breeds Coalition Self-Study Symposium, San Antonio, TX, "Genetic Opportunities for Improvement of Carcass Merit in *Bos Indicus*-Infuenced Breeds".

220. 1993 Board Meeting of American Braunvieh Breeders Assoc., San Antonio, TX, "What Do We Know About Braunvieh Cattle in the U.S.?".

221. 1993 Beef Improvement Federation Ultrasound Symposium, Ames, IA, "Procedures and Data Processing Involved in Using Real-Time Ultrasound Data in the Seedstock Industry for Genetic Improvement".

222. 1993 Annual Meeting, Santa Gertrudis Breeders International, Nashville, TN, "Genetic Enhancement of Tenderness via Screening with a Gene Probe for the Calpastatin Enzyme".

223. 1993 "Matching Beef Cattle to Western Environments Symposium". Phoenix, AZ and Calgary, Alberta, CANADA, "Genetic and Environmental Factors Affecting Survivability and Disease Resistance in Beef Cattle".

224. 1992 Texas Agricultural Leadership for a Lifetime Training, "Biotechnology in the Animal Sciences".

225. 1992 State of Texas Vocational Agriculture Instructors Training Workshop, Abilene, TX, "What is This Biotech Word?".

226. 1992 International Limousin Conference, Fort Worth, TX, "Genetics of Scrotal Circumference and Fertility in Beef Cattle".

227. 1992 Texas Beef Industry Council's "Word from the Herd" National Media Writers Tour, Pitchfork Ranch, Guthrie, TX, "Cattle Breeding Enters the Biotech Era".

228. 1992 Annual Meeting of Beef Improvement Federation, Portland, OR, "Recommended Guidelines for BIF Ultrasound Certification".

229. 1992 Arkansas:Oklahoma Beef Cattle Clinic, Fort Smith, AR, "Where are We Going in the Beef Cattle Industry?".

230. 1992 North American Limousin Foundation Feeders Edge Symposium, Lubbock, TX, "Genetic Change in Beef Cattle Composition and Palatability".

231. 1992 Annual Mtg. of NC-196 National Genetics of Body Composition CSRS Project, Tucson, AZ, Moderator of Ultrasound Workshop.

232. 1991 Annual Meeting of Beef Improvement Federation, San Antonio, TX, "Ultrasound Technician Certification: Questions Needing Answers".

233. 1991 Annual Meeting of Texas and Southwestern Cattle Raisers Association, Corpus Christi, TX, "Genetic Change in Beef Cattle Carcass Merit Through Ultrasound Technology?".

234. 1991 Texas A&M Extension Agent Training, Lubbock, TX, "Beef Cattle Ultrasound Technology for Predicting Carcass Merit".

235. 1991 Texas Tech University Golden Spur Livestock Day, "Breeding for Added Value".

236. 1990 Texas Tech University Golden Spur Livestock Day**,** "Genetic Opportunities for Improved Carcass Merit in Beef Cattle".

MISCELLANEOUS PRESENTATIONS

1. Numerous speaking engagements as NU Vice President/IANR Harlan Vice Chancellor (2010-present).
2. Speaker for Briefings of National Cattlemens Beef Association, National Pork Board, National Pork Producers Council, Animal Ag. Coalition, National Assoc. of Animal Breeders, American Sheep Industry, American Forage Grasslands Council (2003-2008).
3. Speaker for Foreign Journalists National Tour, Natl. Assoc. of Animal Breeders (1997, 1998, 1999, 2000).
4. Speaker for Food Editors Tour of National Cattlemens Beef Association (1992, 1994, 1995, 1996, 1997, 1998).
5. Speaker for Australian Grain and Livestock Producers Tour (1996, 1997, 1998).
6. Speaker for Alberta (Canada) Cattlemens Tour (1996).
7. Speaker for Rocky Mountain Expeditionary School, Denver (1996).
8. Speaker for Enrichment Program, Windsor (CO) Middle School (1996, 1997); Poudre H.S. (Fort Collins, CO) (1997).
9. Speaker for visiting cattle tour groups from Tennessee, North Carolina, Texas, Oklahoma, Montana, Indiana, Australia, Brazil, South Africa, Poland, Russia, Ukraine, and New Zealand (1992-1999).
10. Host and speaker for Purdue University Animal Industry Study Tour (1992, 1995); and Colorado State University Animal Industry Tour (1991).
11. Speaker and Facilitator for Rho Chapter of Alpha Gamma Rho Leadership Retreat and Rush (1995, 1997).

TEACHING RESPONSIBILITIES

Sem	Yr	Course No.	Course Title	Credits	Contact Hrs	Enroll-ment	Relative Contribution (%)
Fall	1988	ANSC3402	Animal Breeding/Genetics	4	6	22	33
Spr	1989	ANSC3402	Animal Breeding/Genetics	4	6	15	100
Sum	1989	ANSC5302	Advanced Beef Production	3	3	7	100
Fall	1989	ANSC3402	Animal Breeding/Genetics	4	6	20	100
		ANSC4001	Special Topics-Ultrasound	1	2	13	50
		ANSC4100	Senior Seminar	1	1	22	100
Spr	1990	ANSC3402	Animal Breeding/Genetics	4	6	26	100
		ANSC4100	Senior Seminar	1	1	19	100
		ANSC4403	Beef Production	4	5	31	100
Sum	1990	ANSC5302	Advanced Beef Production	3	3	6	100
Fall	1990	ANSC3402	Animal Breeding/Genetics	4	6	32	100
		ANSC5306	Advanced Animal Breeding	3	3	6	100
Spr	1991	ANSC3402	Animal Breeding/Genetics	4	6	37	100
		ANSC4403	Beef Production	4	5	39	100
Fall	1991	ANSC3402	Animal Breeding/Genetics	4	6	22	100
		ANSC4100	Senior Seminar	1	1	20	100
		ANSC5309	Population Genetics	3	3	6	100
Spr	1992	ANSC3402	Animal Breeding/Genetics	4	6	34	100
		ANSC4403	Beef Production	4	5	29	100
Sum	1992	ANSC5302	Advanced Beef Production	3	3	9	100
Fall	1992	ANSC3402	Animal Breeding/Genetics	4	6	36	100
		ANSC5306	Advanced Animal Breeding	3	3	7	100
Spr	1993	ANSC4403	Beef Production	4	5	45	100
		ANSC4100	Senior Seminar	1	1	18	100
Fall	1993	ANSC3402	Animal Breeding/Genetics	4	6	35	100
		ANSC5309	Population Genetics	3	3	5	100
Spr	1994	ANSC4403	Beef Production	4	5	29	50
		AN330	Principles of Animal Breeding	3	3	66	50
Sum	1994	AN330	Principles of Animal Breeding	3	3	9	100
Fall	1994	AN330	Principles of Animal Breeding	3	3	70	100
		AN630	Population Genetics	4	4	9	100
Spr	1995	AN330	Principles of Animal Breeding	3	3	90	100
		AN792B	Breeding Seminar	1	1	10	100
Sum	1995	AN330	Principles of Animal Breeding	3	3	29	100

Fall	1995	AN330	Principles of Animal Breeding	3	3	94	100
		AN792B	Breeding Seminar	1	1	10	100
Spr	1996	AN300H	Performance Records	1	2	28	50
		AN300M	DNA Technology	2	4	37	100
		AN300Q	Applied Equine Genetics	1	2	54	100
Sum	1996	AN330	Principles of Animal Breeding	3	3	28	100
Fall	1996	AN330	Principles of Animal Breeding	3	3	104	100
		AN630	Population Genetics	4	4	8	100
Spr	1997	AN300H	Performance Records	1	2	21	50
		AN300M	DNA Technology	2	4	13	100
		AN300Q	Applied Equine Genetics	1	2	33	100
Sum	1997	AN330	Principles of Animal Breeding	3	3	25	100
Fall	1997	AN330	Principles of Animal Breeding	3	3	104	100
		AN630	Population Genetics	4	4	7	100
Spr	1998	AN300M	DNA Technology	2	4	16	100
		AN300Q	Applied Equine Genetics	1	2	23	100
Fall	1998	AN330	Principles of Animal Breeding	3	3	114	100
Spr	1999	AN300M	DNA Technology	2	4	12	100
Fall	1999	AN330	Principles of Animal Breeding	3	3	129	100
Fall	1999	A120	Orientation to Agricultural Systems	3	3	91	40
Spr	2000	AN330	Principles of Animal Breeding	3	3	45	100
Spr	2000	AN730	Advanced Beef Cattle Breeding	3	3	12	100

Summary of Student Evaluations:

A summary of the student evaluations as administered by the College of Agricultural Sciences (CSU):

Course	Term	No. Students Evaluating	Ratings of Instructor	Ratings of Course
AN 330	S94	54	4.80	4.11
AN 330	Su94	8	4.88	4.38
AN 330	F94	61	4.80	4.44
AN 630	F94	6	4.83	4.83
AN 330	S95	97	4.56	4.49
AN 330	F95	78	4.88	4.65
AN 300Q	S96	22	4.79	4.29
AN 300M	S96	31	4.97	4.58
AN 300M	S97	13	5.00	4.85
AN 330	F97	104	4.75	4.50
AN 630	F97	7	4.71	4.57
AN 300M	S98	16	5.00	4.56
AN 330	F98	114	4.88	4.67
AN 630	F98	5	4.50	4.75
AN300M	S99	12	5.00	4.60
AN330	F99	114	4.62	4.26
A120	F99	91	4.87	3.40

*All ratings on scale of possible 5.00. Every course under Dr. Green's instruction ranked in the top 10% of all courses taught in both College and University cohorts for both instructor and course ratings.

A summary of the student evaluations as administered by the College of Agricultural Sciences and Natural Resources (Texas Tech University):

Course	Term	No. Students Evaluating	Ratings of Content	Ratings of Instructor	Ratings of Course
ANSC 3402	S89	15	5.07	5.29	5.00
ANSC 3402	F89	20	5.06	5.33	4.95
ANSC 3402	S90	26	5.27	5.55	5.18
ANSC 4403	S90	31	4.96	5.21	4.92

**All ratings on scale of possible 6.00. Evaluations were changed in F90. Evaluations were not done by TTU in F90. The form of the evaluation changed beginning in S91. Ratings are given below.

Course	Term	No. Students Evaluating	% Students Responding to "Course Overview" Excellent	Good	Fair
ANSC 3402	S91	37	70.3	20.7	0
ANSC 4403	S91	39	84.6	15.4	0
ANSC 3402	S92	34	64.7	29.4	5.9
ANSC 4403	S92	29	51.7	31.0	17.2
ANSC 3402	F92	36	91.7	8.3	0
ANSC 4403	S93	45	75.6	22.2	2.2
ANSC 3402	F93	35	82.9	17.1	0
		WEIGHTED AVERAGE	**75.3**	**21.7**	**3.0**

In each evaluation, ratings placed courses under Dr. Green's instruction in the top 10% both in the University and within the College of Agricultural Sciences and Natural Resources.

EXTRAMURAL GRANT CONTRACTS AWARDED

Year(s)	*Title*	*Amount*	*Agency*	*Role*
2005-2007	"International Swine Genome Sequencing Consortium"	$12,750,000	USDA and Natl. Pork Board	Project Steering Committee
	(Emphasis: Swine Genomics)			
	(This project was completed at the Wellcome Trust Sanger Center in the U.K. with total funding of ~$18M. Green was USDA co-lead on the project with Deb Hamernik from CSREES and served as liaison with the U.S. swine industry).			
2005-2007	"International Bovine Haplotype Map Consortium"	$435,950	Multiple Cattle Breed Associations	Project Leader
	(Emphasis: Bovine Genomics)			
2004-2008	"International Bovine Genome Sequencing Project Consortium"	$12,300,000	USDA and U.S. and Texas Beef Councils	USDA Project Liaison
	(Emphasis: Bovine Genomics)			
	(This project was completed at the Baylor Human Genome Sequencing Center (Houston, TX) with total funding of ~$53M from an international consortium involving USDA, NIH, Genome Canada, Australia CSIRO, New Zealand Ag. Research, King Ranch Foundation, and U.S. and Texas Beef Councils. Green was USDA project coordinator and liaison with the U.S. beef and dairy industries).			
1999-2000	"A National Undergraduate Leadership and Internship Program Through a Strategic Alliance Between Commodity Organizations, FASS, and the National Block and Bridle Organization"	$60,000	ASAS, NCBA Natl. Block and Bridle	P.I.
	(Emphasis: Undergraduate Industry Leadership)			
1998-2001	"Implementing and Assessing the Economic Returns of EPD for Carcass Traits, Warner-Bratzler Shear Force, and DNA Tenderness Markers of Cattle to Improve Tenderness and Consistency of Beef"	$880,966	National Cattlemens Beef Association	Co-P.I. (Partner with Kansas State, Texas A&M, Cornell)
	(Emphasis: Beef tenderness genetic improvement)			
1998-2001	"Building Sustainable Ranching Communities with Livestock Integrated Resource Management"	$427,349	USDA-CSREES Fund for Rural America	Co-P.I.
	(Emphasis: Community-based IRM)			

Year(s)	*Title*	*Amount*	*Agency*	*Role*
1997-99	"Determination of the Impacts and Effectiveness of Sexed-Semen Utilization in Commercial Beef Cattle Production"	$90,520	Competitive Inter-Disciplinary Grants Program, CO AES	P.I.
	(Emphasis: Sexed-semen utilization)			
1994-2000	"Breeding Project at the CSU Beef Improvement Center"	$18,000	Select Sires, Inc. American Breeders Service, Accelerated Genetics, IGM	P.I.
	(Emphasis: Donated semen to support breeding research program)			
1994-95	"Breeding Project for QTL Detection of Fertility at San Juan Basin Research Center"	$1,200	American Breeders Service, Select Sires, Inc.	P.I.
	(Emphasis: Donated semen on four Gelbvieh sires to produce resource family populations)			
1996-97	"Genetic Parameters of a Muscle Score in Limousin Cattle"	$1,200	North American Limousin Foundation	Co-P.I.
	(Emphasis: Development of a live muscle score EPD)			
1996-97	"Development of a DNA ID System for Beef Cattle"	$8,000	Colorado Beef Cattle IRM Program	P.I.
	(Emphasis: DNA bar-coding in cattle)			
1995-96	"Identification and Management of Critical Control Points in the Cow-Calf Enterprise for Achieving and Maintaining Consistency and Low Cost of Production"	$25,650	Colorado Beef Cattle IRM Program	P.I.
	(Emphasis: Balancing technology use with cost reduction)			
1995-96	"Identification of Genetic Critical Control Points for Improving Beef Tenderness: Phase II"	$91,650	National Cattlemens Beef Association	Co-P.I.
	(Emphasis: Genetics of beef tenderness)			
1994-95	"Identification of Genetic Critical Control Points for Improving Beef Tenderness: Phase I"	$55,890	National Cattlemens Beef Association	Co-P.I.
	(**Emphasis: Genetics of beef tenderness)**			
1993-94	"Assessment of a Calpastatin DNA Polymorphism and Its Effect on Beef Tenderness"	$20,750	Consortium of Beef Breed Associations	P.I.
	(**Emphasis: Genetic screening for tenderness)**			

Year(s)	*Title*	*Amount*	*Agency*	*Role*
1992-94	"Genetics of a Double-Muscling Condition in Rambouillet Sheep"	$6,000	Houston Livestock Show & Rodeo	Co-P.I.
	(**Emphasis: Callipyge sheep characterization)**			
1988-93	"Genetics of Immunocompetence in Beef Cattle"	$19,800	Houston Livestock Show & Rodeo	P.I.
	(Emphasis: Genetics of disease resistance)			
1992-94	"Estimation of the Genetic Relationship Between Ultrasound and Linear Measures Taken in Yearling Bulls and Slaughter Steer Clone-Mates"	$68,500	J.L. Thornton Endowment	P.I.
	(Emphasis: Real-time ultrasound for carcass EPDs)			
1992-93	"Development of a Progeny Testing System to Evaluate Genetic Differences in Maintenance Energy Requirements"	$9,170	Australian Meat Research Corp.	Co-P.I.
	(Emphasis: Genetics of feed conversion efficiency)			
1991-92	"Estimation of the Genetic Relationship Between Ultrasound Measures Taken in Yearling Bulls and Slaughter Steer Mates"	$39,000	Summitcrest Angus Farms	P.I.
	(Emphasis: Real-time ultrasound for carcass EPDs)			
1991-93	"Estimation of Genetic Parameters and EPDs for Scrotal Circumference in Limousin Cattle"	$10,870	North American Limousin Foundation	P.I.
	(Emphasis: Genetic evaluation of fertility)			
1991-92	"Development of Carcass EPDs Using Real-Time Ultrasound"	$10,840	Pine Ridge Ranches	P.I.
	(Emphasis: Ultrasound/carcass EPDs)			
1990-92	"Estimation of Genetic Parameters and EPDs for Ultrasound-Generated 12th Rib Fat Thickness and Longissimus Muscle Area in Yearling Angus Males and Females"	$30,000	Ankony Shadow Isle, Inc. and Occidental Petroleum	P.I.
	(Emphasis: Real-time ultrasound for carcass EPDs)			

Year(s)	*Title*	*Amount*	*Agency*	*Role*
1990-91	"Survey of the Beef Cattle Industry in the Southwestern United States"	$4,459	American Angus Association	P.I.
	(**Emphasis: General beef cattle industry demographics)**			
1988-89	"Genetics of Immune Response in Simmental and Senepol Cattle"	$7,550	R. A. Brown Ranches	P.I.
	(Emphasis: Genetics of disease resistance)			

PUBLICATIONS

THESIS AND DISSERTATION

Green, R. D. 1988. Output/input differences among *Bos indicus-Bos taurus* and *Bos taurus-Bos taurus* sources of germ plasm. Ph.D. Dissertation, Univ. of Nebraska, Lincoln, 225 pp.

Green, R. D. 1985. Genetic aspects of pelvic measures in beef cattle. M.S. Thesis, Colo. State Univ., Fort Collins, 116 pp.

COMPLETED THESES AND DISSERTATIONS OF GRADUATE STUDENT ADVISEES (Serving as Major Professor)

1. Uden, A. 2014. Potential African Livestock Value Chain Investments (High level analysis with focus on some indicative Countries of Interest). M. Ag. Thesis. 53 pp, December 2014 (Currently self-employed with Darr Feeders and Ag, Darr and Cozad, NE).

2. Hammett, N. 2000. Development of tools for beef cattle seedstock producers to utilize in becoming full service genetic providers. M. S. Thesis. 107 pp, October 2000 (Currently employed as Marketing Manager, Circle 5 Angus, New Iberia, MO).

3. Doyle, S. P. 2000. Determination of the impacts and effectiveness of sexed-semen utilization in commercial beef cattle production. Ph.D. Dissertation. 291 pp, September 2000 (Currently employed as professor of animal science, California State University, Chico, CA).

4. Ripley, B. M. 2000. Evaluation of the Decision Evaluator for the Cattle Industry (DECI) model for beef cattle ranches in the western region. M. S. Thesis, 116 pp, May 2000 (Currently employed as manager of ranching operation, Sedalia, CO).

5. Mathiews, G. L. 2004. Estimation of genetic parameters for a muscle score to predict retail yield percentage in immature, Angus and Limousin breeding beef cattle. M. S. Thesis, 75 pp, August 2004. (Currently employed as seedstock division manager, R. A. Brown Ranches, Throckmorton, TX).

6. Berg, J. 1997. Development of a DNA microsatellite battery for use in unique identification of beef cattle. M. S. Thesis, 95 pp, November 1997. (Currently employed by Colorado State University as lecturer in animal sciences).

7. Doyle, S. P. 1997. Genetic parameter estimates for heifer pregnancy rate, subsequent rebreeding rate, and stayability in Angus cattle. M. S. Thesis, 74 pp, April 1997 (Currently employed as associate professor of animal science, California State University, Chico, CA).

8. Lankister, W. L. 1996. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production. M.S. Thesis, 70 pp, June 1996. (Currently self-employed with Bar Double D Ranch, Sheridan, WY).

9. Butler, L. S. 1994. Association of polymorphisms in the bovine calpastatin gene with assessment of consumer palatability satisfaction. M.S. Thesis, 63 pp, November 1994. (Currently self-employed in custom meats business, Valley Mills, TX).

10. Diles, J. J. B. 1994. Relationship between ultrasonic predictors of carcass merit in yearling Brangus bulls and slaughter steers. M. S. Thesis, 69 pp, May 1994. (Currently practicing law in San Antonio, TX).

11. Jackson, S. P. 1993. Investigation of productivity and carcass composition of sheep with a muscle hypertrophy gene. Ph.D. Dissertation, 86 pp, October 1993. (Currently employed as professor, Texas Tech University).

12. Keeton, L. L. 1993. Development of scrotal circumference expected progeny differences in Limousin cattle. M.S. Thesis, 66 pp, July 1993. (Currently employed by Keeton Cattle Co., family purebred Limousin operation).

13. Shepard, H. H. 1993. Using live animal ultrasonic measures for the genetic evaluation of carcass merit in Angus cattle. M.S. Thesis, 66 pp, April 1993. (Currently homemaker).

14. Hamlin, K. E. 1992. Evaluation of sources of variation affecting ultrasonic predictors of carcass merit in beef cattle. M.S. Thesis, 165 pp, June 1992. (Currently self-employed in beef cattle ranching business in Luther, TX).

15. Hennig, R. L. 1992. Genetic characterization of immunocompetence in beef cattle. M.S. Thesis, 177 pp, June 1992. (Currently employed as head, Department of Biology, Odessa College, Odessa, TX).

16. Perkins, T. L. 1992. Use of real-time, linear array ultrasound techniques to predict final carcass composition in beef cattle. Ph.D. Dissertation, 183 pp., February 1992. (Currently employed as executive vice president, International Brangus Breeders, San Antonio, TX).

17. Moylan, J. C. 1990. Assessment of visual appraisal, linear measurements, and real-time ultrasound measurements for prediction of carcass merit in beef cattle, M.S. Thesis, 65 pp, April 1990. (Currently CEO of Moylan Cattle Co. and Moylan Pipeline Com., Eastland, TX).

HONORS STUDENTS ADVISED

1. Davis, E. 2000. Ethical considerations in the development of advanced molecular genetics technologies for the livestock industries. Honors Thesis. May 2000, (Currently assistant professor, Department of Cell Biology and Department of Pediatrics, Duke University Medical School).

2. Stockburger, E. M. 1998. Determination of the stringency of DNA microsatellite marker genotypes for use in individual beef cattle identification. Honors Thesis. May 1998, (Completed Ph. D. – D.V.M. at North Carolina State University, Raleigh).

GRADUATE STUDENTS ADVISED
(As member of supervisory committee)

1. Contino, E. 2002. Estimation of genetic parameters for measures of skeletal conformation in Thoroughbred horses. M. S. Thesis. Major Professor: Tina M. Anderson.

2. Flint, A. 2002. Evaluation of a heterospermic index for evaluating bull fertility under sexed semen conditions. M. S. Thesis. Major Professor: George E. Seidel.

3. Grant, P. M. 2002. Assessment of producer attitudes relative to participation in alliance and cooperative ventures in the beef cattle industry. Ph. D. Dissertation. Major Professor: Tom G. Field.

4. Hains, B. 2001. Development of a secondary school curriculum in IRM: Animal science module. M. Ag. Major Professor: Gordon D. Niswender.

5. Cole, G. M. 2000. An evaluation of the expectations of commercial and purebred customers of Colorado State University's resident instruction beef herd. M. S. Thesis. Major Professor: Tom G. Field.

6. Porter, M. 2000. Investigation of the effect of embryo transfer on accumulation of inbreeding in the Amercan Quarter Horse breed of horses. M. S. Thesis. Major Professor: Rick M. Bourdon.

7. McGee, K. 2000. A quality audit of the horse slaughter industry. M. S. Thesis. Major Professor: Temple Grandin.

8. Schmitz, B. 2000. Investigation of the economic value of meat palatability data for the beef cattle industry. M. S. Thesis. Major Professor: Steve L. Koontz.

9. Sasongko, K. 2000. Genetic variation in leptin. M. S. Thesis. Major Professor: Tom L. Geary.

10. Walker, J. 1999. The economic costs associated with value-based marketing of beef cattle. M. S.Thesis. Major Professor: Dana L. Hoag.

11. Lanier, J. 1998. Relationships between hair whorl patterns and behavior in beef cattle. M. S. Thesis. Major Professor: Temple Grandin.

12. George, M. L. 1998. Development of a palatability assurance critical control points model for the U.S. beef industry. Ph D. Dissertation. Major Professor: Gary C. Smith.

13. Hyde, L. R. 1998. An international genetic evaluation of the Charolais breed. M.S. Thesis. Major Professor: Rick M. Bourdon.

14. Steel, N. 1998. Cost effectiveness of utilizing sexed-semen in a commercial beef cow operation (1997-2006). M. S. Thesis. Major Professor: Norman L. Dalsted.

15. Grant, P. 1998. Restructuring undergraduate agricultural education at land grant universitites. M. Ag. Major Professor: Tom G. Field.

16. Kimsey, K. 1997. M. Ag. An educational tool for understanding grid pricing of cattle. Major Professor: Tom G. Field.

17. Garcia, J. L. 1997. M. Ag. A comparative analysis of the competitiveness of the Argentine beef cattle industry. Major Professor: Tom G. Field.

18. Al-Soyabil, K. A. 1997. Using three different ultrasonic transducers to show the development of gestation and estimation of age and gender on seven Suffolk ewes. M. S. Thesis. Major Professor: J. Ed Pexton.

19. Rusk, C. P. 1996. Microsatellite markers, DNA fingerprinting, and measures of fertility in beef bulls. Ph.D. Dissertation. December 1996. Major Professor: David R. Ames.

20. Evans, J. L. 1996. Genetic parameter estimates of yearling heifer pregnancy and yearling bull scrotal circumference in Hereford cattle. M. S. Thesis. October 1996. Major Professor: Bruce L. Golden.

21. Hilton, G. G. 1996. Evaluation of palatability attributes of beef from cull beef cows. M. S. Thesis. October 1996. Major Professor: J. Daryl Tatum.

22. VanDoren, T. L. 1996. Evaluation of the impacts of political action committee funding on the voting records of U.S. senators. M. Ag. May 1996. Major Professor: Tom G. Field.

23. O'Connor, S. F. 1996. Genetic influences on beef tenderness in *Bos indicus* and *Bos taurus* sired steers and heifers. M. S. Thesis. February 1996. Major Professor: J. Daryl Tatum.

24. Wulf, D. M. 1996. Genetic influences on beef tenderness in Limousin- and Charolais-sired steers and heifers. Ph.D. Dissertation. March 1996. Major Professor: J. Daryl Tatum.

25. Salak, J. L. 1994. Natural killer cell activity in the pig as affected by stress. Ph. D. Dissertation. Immunology. Major Professor: John J. McGlone.

26. Pipkin, J. L. 1993. Evaluation of different *in vitro* culturing methods of porcine embryos. Ph.D. Dissertation. Reproductive Physiology. Major Professor: James R. Clark.

27. Ives, D. S. 1993. Design and testing of a system to measure postweaning partial efficiency of energy utilization for maintenance of beef bulls. M. S. Thesis. Ruminant Nutrition. Major Professor: Rod L. Preston.

28. Snoga, T. L. 1993. M. S. Thesis. Agricultural Economics. Major Professor: Emmett Elam.

29. Baker , S. C. 1992. M. Ag. Agricultural Economics. Major Professor: Kary Mathis.

30. Hollis, D. 1991. M. Ag. Agricultural Education/Exension Education. Major Professor: Paul Vaughn.

31. Salak, J. L. 1991. Genetics of immunocompetence in swine. M.S. Thesis. Immunogenetics. Major Professor: John J. McGlone.

32. Akins, C. 1990. M. S. Thesis. Genetics of behavior in growing swine. Behavior Genetics. Major Professor: John J. McGlone.

REFEREED JOURNALS

Denotes author was graduate student studying with Dr. Green as major professor.

1. The Swine Genome Sequencing Consortium (**R. D. Green** as a member). 2010. Pig genome sequence – analysis and publication strategy. BMC Genomics 11:438.

2. Genome Sequencing and Analyis Consortium (**R. D. Green** as a member). 2009. The genome sequence of taurine cattle: A window to ruminant biology and evolution. Science 324: no 5926, pp 522-528;

3. Bovine HapMap Consortium (**R. D. Green** as a member). 2009. Genome-wide survey of SNP variation uncovers the genetic variation of cattle breeds. Science 324: no. 5926, pp 528-532.

4. Snelling, W.M, C. Readman, J. Schein, M. Hobbs, C. Abbey, D. Adelson, J. Aetrs, G. Bennett, I. Bosdet, M. Boussaha, R. Brauning, A. Caetano, M. Costa, A. Crawford, B. Dalyrmple, A. Eggen, A. Everts-van-der Wind, S. Floriot, M. Gautier, **R. D. Green**, R. Holt, O. Jann, S. Jones, P. de Jong, S. Kappes, J. Keele, D. Larkin, H. Lewin, J. McEwan, S. McKay, M. Marra, C. Mathewson, L. Matukumali, S. Moore, B. Murdoch, F. Nicholas, K. Osoegawa, A. Roy, H. Salih, L. Schibler, R. Schnabel, L. Silveri, L. Skow, T. Smith, T. Sonstegard, J. Taylor, R. Tellam, C. Van Tassell, J. Williams, J. Womack, N. Wye, G. Yang, and S. Zhao. 2007. A physical map of the bovine genome. Genome Biology 8:R165 (doi: 10.1186/gb-2007-8-8-r165).

5. **Green, R. D.**, M. A. Qureshi, J. A. Long, and D. L. Hamernik. 2007. Identifying the future needs for long-term USDA efforts in agricultural animal genomics. Intl. J. Biol. Sci. 3:185-191.

6. Rexroad, C. E., **R. D. Green**, and R. J. Wall. 2007. Regulation of animal biotechnology: Research needs. J. Theriogenology doi:10.1016/2007.03.017.

7. Gay, C. G., R. Zuerner, J. P. Bannantine, H. S. Lillehoj, J. J. Zhu, **R. D. Green**, and P. –P. Pastoret. 2007. Genomics and vaccine development. Off. Int. Epiz. 26(1):49-69.

8. Kappes, S. M., **R. D. Green**, and C. P. Van Tassell. 2006. Sequencing the bovine genome and implications for future research. Proceedings of 8th World Congress on Genetics Applied to Livestock Production. 22:937.

9. Bertrand, J. K., **R. D. Green**, W. O. Herring, and D. W. Moser. 2001. Genetic evaluation for beef carcass traits. J. Anim. Sci. 79:E190-E200.

10. Seidel, G. E., J. L. Schenk, L. A. Herickhoff, S. P. Doyle, Z. Brink, **R. D. Green**, and D. G. Cran. 2000. Insemination of heifers with sexed sperm. Theriogenology 52:1407-1420.

11. Doyle, S. P.*****, B. L. Golden, **R. D. Green**, and J. S. Brinks. 2000. Genetic parameter estimates for heifer pregnancy rate, subsequent rebreeding rate, and stayability in Angus cattle. J. Anim. Sci. 78:2091.

12. **Green, R. D.**, T. G. Field, N. S. Hammett, B. M. Ripley, and S. P. Doyle. 2000. Can cow adaptability and carcass acceptability both be achieved? Proceedings American Society of Animal Science 1999. Available at http://www.asas.org/jas/symposia/proceedings/E44A.

13. Grant, P. M., T. G. Field, **R. D. Green**, and B. E. Rollin. 2000. The importance of comprehensive agricultural education in land-grant institutions: An historical perspective. J. Anim. Sci. 78:1684-1689.

14. Lanier, J. L., T. Grandin, **R. D. Green**, D. Avery, and K. McGee. 2000. The effect of gender and breed on the reaction of cattle to sudden intermittent movements and sounds associated with an auction ring. J. Anim. Sci. 78:1467-1474.

15. **Green, R. D.** 1999. Can beef cattle breeding satisfy customer needs in the 21st century? Austr. Assoc. for the Adv. of Animal Brd. and Genet. 13:17.

16. **Green, R. D.** 1999. Breeding to satisfy customer needs in the 21st century. Austr. Assoc. for the Adv. of Animal Brd. and Genet. 13 (Suppl. 1):1.

17. **Green, R. D.** 1999. Utilising new genetic improvement technologies to improve beef palatability and profitability. Austr. Assoc. for the Adv. of Animal Brd. and Genet. 13 (Suppl. 1):40.

18. Hiendleder, S., S. M. Schmutz, G. Erhardt, **R. D. Green**, and Y. Plante. 1999. Transmitochondrial differences and varying levels of heteroplasmy in nuclear transfer cloned cattle. Molecular Reproduction and Development 54:17.

19. Lankister, W.L.*****, **R. D. Green**, P. H. Gutierrez, N. L. Dalsted, J. O. Green, and R. E. Taylor. 1999. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: I. Summary of IRM-SPA results. Prof. Anim. Sci. 15:77.

20. Lankister, W.L.*****, **R. D. Green**, T. G. Field, J. O. Green, and G. G. Hilton. 1999. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: II. Summary of feedlot and carcass performance and overall economic results. Prof. Anim. Sci. 15:84.

21. Field, T. G., J. O. Gosey, H. D. Ritchie, **R. D. Green**, and S. Radakovich. 1998. A summary of intercollegiate judging activity, fund raising, and philosophy. NACTA Journal 42:27.

22. Jackson, S. P.*****, **R. D. Green**, and M. F. Miller. 1997. Phenotypic characterization of Rambouillet sheep expressing the ***callipyge*** gene. I. Inheritance of the condition and production characteristics. J. Anim. Sci. 75:14.

23. Jackson, S. P.*****, M. F. Miller, and **R. D. Green**. 1997. Phenotypic characterization of Rambouillet sheep expressing the ***callipyge*** gene. II. Carcass characteristics and retail yield. J. Anim. Sci. 75:125.

24. Jackson, S. P.*****, M. F. Miller, and **R. D. Green**. 1997. Phenotypic characterization of Rambouillet sheep expressing the ***callipyge*** gene. III. Muscle weights and muscle weight distribution. J. Anim. Sci. 75:133.

25. O'Connor, S. F., J. D. Tatum, **R. D. Green**, D. M. Wulf, and G. C. Smith. 1997. Genetic influences on beef palatability in *Bos indicus* composite and *Bos taurus* cattle. J. Anim. Sci. 75:1822.

26. Diles, J. J. B.*****, **R. D. Green**, H. H. Shepard, L. J. Hughes and G. L. Mathiews. 1996. Variation within and between groups of genetically identical nuclear transfer Brangus bulls and steers for growth measures over time. Prof. Anim. Sci. 12:250.

27. Diles, J. J. B.*****, **R. D. Green**, H. H. Shepard, L. J. Hughes, G. L. Mathiews and M. F. Miller. 1996. Relationships between body measurements obtained on yearling Brangus bulls and measures of carcass merit obtained from their steer, clone-mates. Prof. Anim. Sci. 12:244.

28. **Green, R. D.**, J. J. B. Diles*, L. J. Hughes, H. H. Shepard, and G. L. Mathiews. 1996. Birth and weight traits of identical calves produced through nuclear transplantation. Prof. Anim. Sci. 12:238.

29. Keeton, L. L.*, **R. D. Green**, S. P. Doyle, and K. J. Andersen. 1996. Growth curves and age-of-dam adjustment factors for scrotal circumference in Limousin bulls. Prof. Anim. Sci. 12:44.

30. Keeton, L. L.*, **R. D. Green**, B. L. Golden, and K. J. Andersen. 1996. Genetic parameter estimates and prediction of breeding values for scrotal circumference and weaning weight in Limousin cattle. J. Anim. Sci. 74:31.

31. Shepard, H. H.*, **R. D. Green**, B. L. Golden, K. E. Hamlin, T. L. Perkins, and J. B. Diles. 1996. Genetic parameter estimates for live animal ultrasonic measures of retail yield indicators in yearling breeding cattle. J. Anim. Sci. 74:761.

32. Wulf, D. M., J. D. Tatum, **R. D. Green**, J. B. Morgan, B. L. Golden, and G. C. Smith. 1996. Genetic influences on beef palatability in Charolais- and Limousin-sired steers and heifers. J. Anim. Sci. 74:2394.

33. Cockett, N. E., T. L. Shay, **R. D. Green**, and D. L. Hancock. 1995. Rapid communication: A *Taq1* polymorphism in the bovine calpastatin gene. J. Anim. Sci. 73:3907.

34. Hamlin, K. E.*, **R. D. Green**, T. L. Perkins, L. V. Cundiff and M. F. Miller. 1995. Real-time ultrasonic measurement of fat thickness and longissimus muscle area in diverse biological types of beef steers. I. Description of age and weight effects. J. Anim. Sci. 73:1713.

35. Hamlin, K. E.*, **R. D. Green**, L. V. Cundiff, T. L. Wheeler and M. E. Dikeman. 1995. Real-time ultrasonic measurement of fat thickness and longissimus muscle area. II. Relationship between real-time ultrasound measures and carcass retail yield. J. Anim. Sci. 73:1725.

36. **Green, R. D.**, N. E. Cockett, M. F. Miller, D. L. Hancock, C. A. Bidwell, L. S. Barrett, J. B. Morgan and J. D. Tatum. 1994. Characterization of *taqI* polymorphisms in the bovine calpastatin gene. Proceedings of 5th World Congress on Genetics Applied to Livestock Production. Guelph, ONT, CANADA 19:450.

37. Cockett, N. E. , S. P. Jackson*, T. D. Shay, D. Nielsen, S. S. Moore, M. R. Steele, W. Barendse, **R. D. Green**, and M. Georges. 1994. Chromosomal localization of the *callipyge* gene in sheep (*Ovis aries)* using bovine DNA markers. Proc. Nat. Acad. Sci. 91:3019.

38. Shepard, H. H.*, **R. D. Green**, R. L. Hennig and M. L. Gibson. 1993. Development and validation of antibody response to ovalbumin as a marker trait of disease resistance in beef cattle. Texas J. Ag. Nat. Res. 6:81.

39. Hamlin, K. E.*, **R. D. Green** and T. L. Perkins. 1992. Evaluation of serial ultrasonic measurements of fat thickness and ribeye area in beef cattle. Texas J. Ag. Nat. Res. 5:35.

40. **Green, R. D.**, R. S. Faught, K. E. Evans, R. J. Vogel and A. E. Sanders. 1992. A profile of the beef cattle industry in the southwestern United States. Prof. Anim. Sci. 8:32.

41. Perkins, T. L.*, **R. D. Green** and K. E. Hamlin. 1992. Evaluation of ultrasonic estimates of carcass fat thickness and longissimus muscle area in beef cattle. J. Anim. Sci. 70:1002.

42. Perkins, T. L.*, **R. D. Green**, K. E. Hamlin, M. F. Miller and H. H. Shepard. 1992. Ultrasonic prediction of carcass merit in beef cattle: Evaluation of technician effects on ultrasonic estimates of carcass fat thickness and longissimus muscle area. J. Anim. Sci. 70:2758.

43. **Green, R. D.**, L. V. Cundiff, G. E. Dickerson and T. G. Jenkins. 1991. Output/input differences among non-pregnant, lactating *Bos indicus-Bos taurus* and *Bos taurus-Bos taurus* F_1 cross cows. J. Anim. Sci. 69:3156.

44. **Green, R. D.**, L. V. Cundiff and G. E. Dickerson. 1991. Output/input differences among *Bos indicus-Bos taurus* and *Bos taurus-Bos taurus* sources of germ plasm: Efficiency of cow-calf production to weaning. J. Anim. Sci. 69:3544.

45. McGlone, J. J., C. K. Akins and **R. D. Green**. 1991. Genetic variation of sitting frequency and duration in pigs. Appl. An. Behav. Sci. 30:319.

46. Guerra-Martinez, P., G. E. Dickerson, G. B. Anderson and **R. D. Green**. 1989. Embryo-transfer twinning and performance efficiency in beef production. J. Anim. Sci. 68:4039.

47. Salak, J. L., J. J. McGlone, J. L. Morrow, R. L. Hurst and **R. D. Green**. 1989. Genetic variability in measures of beef cattle immune response. Texas J. of Ag. and Nat. Res. 3:54.

48. Dickerson, G. E., P. Guerra-Martinez, G. B. Anderson and **R. D. Green.** 1988. Twinning and efficiency of beef production. Proc. 3rd World Congr. Sheep and Beef Cattle Breeding, Vol. I, pp 190-195.

49. **Green, R. D.**, J. S. Brinks and D. G. LeFever. 1988. Genetic characterization of pelvic measures in beef cattle: Heritabilities, genetic correlations and breed differences. J. Anim. Sci. 66:2842.

BOOK CHAPTERS and WHITE PAPERS

1. **Green, R. D.**, M. L. Qureshi, D. Hamernik, P. Burfening, M. Mirando, N. E. Cockett, G. Rohrer, H. Cheng, J. Womack, D. Pomp, C. P. Van Tassell. 2007. Blueprint for USDA Efforts in Agricultural Animal Genomics: 2008-2017, September 2007, USDA-ARS and CSREES (http://www.ars.usda.gov/SP2UserFiles/Place/00000000/NPS/APP/USDABlueprintProofs7-27-07.pdf) 20 pp.

2. **Green, R.D.** 2007. USDA-ARS Food Animal Production National Program Action Plan: 2007-2012. (http://www.ars.usda.gov/research/programs/programs.htm?np_code=101&docid=13753) 18 pp.

3. **Green, R. D. (Editor)**. 2007. Progress Report: A Federal Framework for Domestic Animal Genomics Programs. Interagency Working Group on Domestic Animal Genomics, National Science and Technology Council, U. S. Office of Science and Technology Policy, Executive Office of the President, 8 pp.

4. **Green, R. D.**, J. Claxton, C. Warkup, and P. Burfening. 2006. Livestock Genomics: Potential for the Future. Proceedings of a Joint EU-US Workshop of the EU-US Bioechnology Task Force (www.ec.europa.eu/research/biotechnology/ec-us/index_en.html) 32 pp.

5. **Green, R. D.**, M. A. Qureshi, N. E. Cockett, and L. B. Schook. 2005. Charting a Long-Term Road Map for USDA Animal Genomics Programs. Overview of Proceedings of 2004 USDA

Animal Genomics Workshop, Washington, DC, September 2004. (http://www.ars.usda.gov/SP2UserFiles/Program/101/AnimalGenomicsWorkshop/USDAGenomicsWkshpSept04--SummaryReport.pdf) 25 pp.

6. **Green, R. D. (Editor)**. 2004. Progress Report: A Federal Framework for Domestic Animal Genomics Programs. Interagency Working Group on Domestic Animal Genomics, National Science and Technology Council, U. S. Office of Science and Technology Policy, Executive Office of the President (http://64.225.252.6/nstc/html/IWGGAD2004.pdf) 29 pp.

7. BarShalom, A., and **R. D. Green**. 2003. Coordination of Programs on Domestic Animal Genomics: A Federal Framework. Interagency Working Group on Domestic Animal Genomics, National Science and Technology Council, U. S. Office of Science and Technology Policy, Executive Office of the President (http://www.ostp.gov/nstc/html/Animal_Genome%7EWEB.pdf)13 pp.

8. Tatum, J. D., **R. D. Green**, S. F. O'Connor, and G. C. Smith. 1996. Puntos Criticos De Control Genetica Para Mejorar La Terneza en Carnes De Res Cruces De Bovinas Tolerantes Al Color. in: N. Huerta-Leidenz and K. E. Belk (Ed.). El Ganado Brahman en el Umbral del Siglo XXI. Memoria del Congresso Mundial de la Raza Brahman. (ISBN 980-232-544-9).

9. **Green, R. D.** 1995. Establishing a Genetic Value System for Carcass Merit in Beef Cattle Using Live Animal Performance Data. In: Final Report of NC-196 Genetics of Body Composition National Project (S. DeNise, Ed.), 11 pp.

PROCEEDINGS

1. **Green, R. D.** 2014. Living in 2014 but Thinking in 2050 -- Achieving Global Food Security and Water Sustainability. In: Sigma XI Conclave and the Institute for Science in Global Policy Proceedings, Glendale, AZ, November 2014.

2. **Green, R. D.** 2007. Today's Beef Cattle Genetics Research and Education Engine: Primed and Ready for the Industry's Future?, Proceedings of Ann. Mtg. U.S. Beef Improvement Federation, Fort Collins, CO, June 2007.

3. **Green, R. D.** 2006. Overview of the International Bovine Genome Sequencing Project, Texas A&M University Beef Cattle Shortcourse, College Station, TX, August 2006.

4. **Green, R.D.** 2006. The USDA Animal Genomics Long-Term Plan and Opportunities for Transatlantic Cooperation, EU-US Livestock Genomics Workshop, Brussels, BELGIUM, July 2006.

5. **Green, R. D.** 2005. Beyond EPDs – Genomics: Economic and Practical Considerations. Florida Beef Cattle Shortcourse, Gainesville, FL, May 2005.

6. **Green, R. D.**, M. A. Qureshi, N. E. Cockett, and L. B. Schook. 2005. Charting a Long-Term Road Map for USDA Animal Genomics Programs. Overview of Proceedings of 2004 USDA Animal Genomics Workshop, Washington, DC, September 2004.

7. **Green, R. D.** 2004. Evolving in to the Era of the Genome. Proceedings of the National Angus Conference, Roanoke, VA, September 2004.

8. **Green, R. D.** 2003. Beyond EPDs – Genomics: Practical and Economic Considerations. Proceedings of Range Beef Cow Symposium XVIII, Scottsbluff, NE, December 2003.

9. **Green, R. D.** 2003. Challenges to Vertical Integration in the North American Beef Industry. Raithby Lecture Series, University of Guelph, Guelph, Ontario, CAN, November 2003.

10. **Green, R. D.** 2002. Using Beef Carcass Data Back on the Ranch. Proceedings of the Nebraska Veterinary Medical Association, Grand Island, NE, June 2002.

11. **Green, R. D**. 2002. Words of Encouragement: What Would Gordon Dickerson Say to Us Today?, Proceedings of the Ann. Mtg. U. S. Beef Improvement Federation, Omaha, NE, July 2002.

12. **Green, R. D.** 2001. Maternal Multiplier Workshop, Future Beef Operations, Arkansas City, KS, September 2001.

13. **Green, R. D.** 2001. Future Beef: A Case Study in Production Alliances. Proceedings of Western Sect., American Society of Anim. Sci. Symposium, Bozeman, MT, June 2001.

14. **Green, R. D.** 2001. Alliance Opportunities: Where Does the Hereford Fit?, American Hereford Association "Young Guns" Conference, Kansas City, MO, June 2001.

15. **Green, R. D.**, N. S. Hammett, and D. L. Wilkes. 2001. What Will be the Genetic Structure of the Beef Industry in the Future?, Proceedings of the Ann. Mtg. Beef Improvement Federation, San Antonio, TX, July 2001.

16. **Green, R. D.** 2001. Master Supplier Workshop, Future Beef Operations, Fort Collins, CO, May 2001.

17. **Green, R. D.** 2001. Genetics 706 Workshop, Future Beef Operations, Denver, CO, January 2001.

18. Bertrand, J. K., **R. D. Green**, W. O. Herring, and D. W. Moser. 2001. Genetic Evaluation for Beef Carcass Traits, American Society of Animal Science Annual Meeting, Baltimore, MD, July 2000.

19. **Green, R. D.** 2000. Understanding the Genetics of Carcass Merit. Limousin Focus 2000 Symposium, Stillwater, OK, November 2000.

20. **Green, R. D.** 1999. Understanding the Concept of Marker-Assisted Selection. Proceedings of 7th Beef Improvement Federation Genetic Prediction Workshop, Kansas City, MO, December 1999.

21. **Green, R. D.** 1999. Commercial Cow-Calf Profitability = Value of Output – Cost of Input. Certified Angus Beef Angus University, Bozeman, MT, August 1999.

22. **Green, R. D.** 1999. Can Beef Cattle Breeding Satisfy Customer Requirements in the 21st Century? Australian Association for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, July 1999.

23. **Green, R. D.** 1999. Rising to the Challenge: Breeding for the Customer of the 21st Century. Australian Association for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, July 1999.

24. **Green, R. D.** 1999. Utilising New Genetic Improvement Technologies to Improve Beef Profitability and Palatability. Australian Association for the Advancement of Animal Breeding and Genetics, Perth, Western Australia, July 1999.

25. **Green, R. D.** 1999. Sustainable Beef Cattle Breeding for the 21st Century. Proceedings of Australian Beef Improvement Association Bi-Annual Mtg., Armidale, New South Wales, Australia, July 1999.

26. **Green, R. D.** 1999. Genetics – Making Money on the Farm. BeefCheque Annual Symposium, Traralgon, Victoria, Australia, July 1999.

27. **Green, R. D.** 1999. Can Beef Cattle Producers Have Their Cake and Eat It, Too? Proceedings of Annual Mtg. of Beef Improvement Federation, Roanoke, VA, June 1999.

28. **Green, R. D.** 1999. DNA+ EPDs = Marker-Optimum Assisted Selection. Proceedings of Cattlemens College, Ann. Mtg. of National Cattlemens Beef Association, Charlotte, NC, February 1999.

29. **Green, R. D.** 1998. Genetic Selection in the Future: How Do We Overcome the Challenges?, Proceedings of Virginia Beef Genetic Management Conference, Staunton, VA, December 1998.

30. **Green, R. D.**, M. E. Dikeman, J. Pollak, S. Koontz, J. F. Taylor, S. K. Davis, and J. O. Reagan. 1998. Overview of the National Tenderness EPD and DNA Marker Validation Project. Proceedings of Ann. Mtg. of Beef Improvement Federation, Calgary, ALB., July 1998.

31. Doyle, S. P., G. E. Sedel, Jr., L. A. Herickoff, J. L. Schenk and **R. D. Green**. 1998. Artificial insemination of Angus heifers with unfrozen sexed semen. Proceedings of Ann. Mtg. Of Beef Improvement Federation, Calgary, ALB, July 1998.

32. **Green, R. D.** 1998. Research in Beef Cattle Carcass Genetics, Proceedings of Annual Mtg. of Georgia Cattlemens Association, Athens, GA, February 1998.

33. **Green, R. D.** 1997. Genetics of Beef Quality, Proceedings of National Meeting of Academy of Bovine Veterinary Consultants, Denver, CO, December 1997.

34. **Green, R. D.** 1997. Sire Selection in the Future: Shooting at a Multi-Faceted and Moving Target", Proceedings of Cow-Calf Conference VII "Focus on Marketing for the Future", Kansas State University, January 1997.

35. **Green, R. D.** 1997. Changing the Carcass Merit of Beef Cattle via Genetic Selection: Can We and Should We?, Proceedings of Intermountain Beef Cow Symposium, Twin Falls, ID, January 1997.

36. **Green, R. D.** 1996. Can Technology Help in Today's Cattle Industry? Proceedings of Annual North Dakota Cattle Conference, Jamestown, ND, December 1996.

37. **Green, R. D.** 1996. What Impact Will DNA Technology Have on Beef Cattle Selection Programs? Proceedings of 2nd Congress on Genetics and Reproduction, Association of Brazilian Zebu Cattle Breeders, Uberaba, Brazil, October 1996.

38. **Green, R. D.** 1996. Carcass EPDs: It's Time to Put Up or Shut Up!, Proceedings of Annual Mtg. of Beef Improvement Federation, Birmingham, AL, May 1996.

39. **Green, R. D.** , N. E. Cockett, J. D. Tatum, D. M. Wulf, S. F. O'Connor, D. L. Hancock, and G. C. Smith. 1996. Association Between Polymorphisms in the Bovine Calpastatin Gene and Measures of Beef Palatability in *Bos taurus* and *Bos indicus* Crosses. Proceedings of Cattlemen's College, Annual Meeting of National Cattlemens Beef Association, San Antonio, TX, January 1996.

40. **Green, R. D.** 1995. Elimination of Biological Types (not breeds per se) for Improving Product Quality and Consistency. Final Report of National Beef Quality Audit -1995. Strategy Workshop, Denver, CO, December 1995.

41. **Green, R. D.** 1995. How Important are Carcass EPDs? Proceedings of Range Beef Cow Symposium XIV, Scottsbluff, NE, December 1995.

42. Wilson, D. E., **R. D. Green**, W. O. Herring, L. A. Kriese, S. Greiner, and R. Williams. 1995. Live Animal Measures for Carcass EPD. Proceedings of 5th Beef Improvement Federation Genetic Prediction Workshop. Kansas City, MO, December 1995.

43. **Green, R. D.** 1995. Is It Possible to Decrease Costs in an Era of Increasing Technology? Proceedings of Annual Meeting of Beef Improvement Federation, Sheridan, WY, June 1995.

44. Wulf, D. M., J. D. Tatum, **R. D. Green**, J. B. Morgan, B. L. Golden, and G. C. Smith. 1995. Identification of Genetic Critical Control Points for Improving Beef Tenderness. Proceedings of Cattlemen's College, Annual Mtg. of National Cattlemen's Association, Nashville, TN, January 1995.

45. **Green, R. D.**, N. E. Cockett, M. F. Miller, D. L. Hancock, C. Bidwell, L. S. Barrett, J. B. Morgan and J. D. Tatum. 1994. Characterization of *TaqI* Polymorphisms in the Bovine

Calpastatin Gene. Proceedings of 5th World Congress on Genetics Applied to Livestock Production. Guelph, ONT, CANADA, 19:450.

46. **Green, R. D.**, H. H. Shepard, J. J. B. Diles, K. E. Hamlin, T. L. Perkins, N. E. Cockett, M. F. Miller, D. L. Hancock and L. S. Barrett. 1994. Retail Product Percentage EPD: Perceived Status and Needs. Proceedings of Annual Meeting of Beef Improvement Federation, Des Moines, IA, June 1994.

47. **Green, R. D.**, H. H. Shepard, J. J. B. Diles, K. E. Hamlin, T. L. Perkins, N. E. Cockett, M. F. Miller, D. L. Hancock and L. S. Barrett. 1994. Ultrasonic Prediction of Retail Yield EPD, Proceedings of National Instrument Grading Conference, National Livestock and Meat Board, Chicago, IL, May 1994.

48. **Green, R. D.**, H. H. Shepard, J. J. B. Diles, K. E. Hamlin, T. L. Perkins, N. E. Cockett, M. F. Miller, D. L. Hancock and L. S. Barrett. 1994. Carcass Merit EPDs: Perceived Status and Needs. Proceedings of 4th Beef Improvement Federation Genetic Prediction Workshop, Kansas City, MO, January 1994.

49. **Green, R. D.**, H. H. Shepard, J. J. B. Diles, N. E. Cockett and M. F. Miller. 1993. Summary of Carcass EPD Directed Research, White Paper for Grading Committee of National Cattlemens Association Mid-Year Meeting, Denver, CO, August 1993.

50. **Green, R. D.** 1993. The Use of E.P.D.'s in Breeding Beef Herds. Proceedings of Technology for Latin America: Beef Industry Symposium, College Station, TX, August 1993.

51. **Green, R. D.** 1993. Procedures and Data Processing Involved in Using Real-Time Ultrasound Data in the Seedstock Industry for Genetic Improvement. Proceedings of Beef Improvement Federation Ultrasound Training and Certification and Symposium, Ames, IA, June 1993.

52. **Green, R. D.** 1993. EPDs: Fact or Fiction? Proceedings of Southwest Beef Efficiency Enhancement Forum, Lubbock, TX, September 1993.

53. **Green, R. D.** 1993. Genetics of Survivability and Disease Resistance in Beef Cattle. Proceedings of Matching Beef Cattle to Western Environments Symposium, Phoenix, AZ and Calgary, AB, CANADA, January 1993.

54. **Green, R. D.** 1992. Scrotal Circumference of Limousin Cattle. Annals of International Limousin Conference, Ft. Worth, TX, July 1992.

55. **Green, R. D.**, J. K. Bertrand, R. M. Thallman and D. E. Wilson. 1992. Ultrasound Technician Certification: Proposal for Revised Guidelines. Proceedings of Annual Mtg. of Beef Improvement Federation, Portland, OR, May 1992.

56. **Green, R. D.** 1991. Ultrasound Certification: Questions Needing Answers. Proceedings of Annual Mtg. of Beef Improvement Federation, San Antonio, TX, May 1991.

ABSTRACTS

1. **Green, R.D.** 2008. A global perspective on the evolution of animal agriculture. J. Anim. Sci.87 (Supp E2): 1.

2. **Green, R.D.** 2008. Careers in government. J. Anim. Sci. 86 (Suppl E3).

3. **Green, R.D.** 2008. Future needs in animal breeding and genetics. J. Anim. Sci, 86 (Suppl E3).

4. **Green, R. D.** 2006. Bureacracy surrounding stem cells and cloning. J. Anim. Sci. 89 (Suppl. 1): Audio.

5. Bertrand, J. K., D. W. Moser, W. O. Herring, and **R. D. Green**. 2000. Beef genetic evaluation programs for carcass traits: Current situation and future possibilities. J. Anim. Sci. 78 (Suppl. 1): 57.

6. Zhang, Z., E. J. Pollak, R. L. Quaas, M. E. Dikeman, **R. D. Green**, J. Taylor, and S. Davis. 2000. Heritability of Warner-Bratzler shear force values estimated from data on Simmental-sired calves. J. Anim. Sci. 78 (Suppl. 1): 59.

7. Seidel, G. E., J. L. Schenk, L. A. Herickhoff, S. P. Doyle, Z. Brink, **R. D. Green**, and D. G. Cran. 2000. Insemination of heifers with sexed sperm. Theriogenology 52:1408.

8. **Green, R. D.**, G. D. Niswender, T. G. Field, J. C. Whittier, L. R. Roath, F. L. Garry, J. O. Green, and N. L. Dalsted. 1999. An overview of the new Western Center for Integrated Resource Management. Proc. West. Sect. Amer. Soc. Anim. Sci. 50:365.

9. S. P. Doyle*, G. E. Seidel, J. L. Schenck, L. A. Herickhoff, D. G. Cran, and **R. D. Green**. 1999. Artificial insemination of lactating Angus cows with sexed semen. Proc. West. Sect. Amer. Soc. Anim. Sci. 50:203-205.

10. B. M. Ripley*, **R. D. Green**, and P. H. Gutierrez. 1999. Initial evaluation of the Decision Evaluator for the Cattle Industry using a single production system. J. Anim. Sci. 77 (Suppl. 1):107.

11. Stockburger, E. M.*, **R. D. Green**, W. O. Wood, T. Holm, D. W. Schafer, M. D. MacNeil, R. S. Yemm, and J. Berg-Ramsey. 1999. Determination of the stringency of DNA microsatellite marker genotypes for use in individual beef cattle identification. Proc. West. Sect. Amer. Soc. Anim. Sci. 50:55.

12. Seidel, G. E., D. G. Cran, L. A. Herickhoff, J. L. Schenck, S. P. Doyle, and **R. D. Green**. 1999. Insemination of heifers with sexed frozen or sexed liquid semen. Theriogenology 51:400.

13. Hiendleder, S., S. M. Schmutz, G. Erhardt, **R. D. Green**, and Y. Plante. 1998. Heteroplasmy in cloned cattle. Intl. Society of Anim. Genetics XXVIII:D016.

14. Seidel, G. E., L. A. Herickhoff, J. L. Schenck, S. P. Doyle, and **R. D. Green**. 1998. Artificial insemination of heifers with unfrozen, sexed semen. Theriogenology 49:365.

15. Stockburger, E. M.*, **R. D. Green**, T. Holm, D. W. Schafer, M. D. MacNeil, R. S Yemm, and J. Berg-Ramsey. 1998. Determination of the stringency of DNA microsatellite marker genotypes for use in individual beef cattle identification. 4th Annual Undergrad. Res. & Creativity Symp. (Winner of Media Award) Colorado State University.

16. Doyle, S. P.*, G. E. Seidel, L. A. Herickhoff, J. L. Schenck, and **R. D. Green**. 1998. Artificial insemination of heifers with unfrozen, sexed semen. Proceedings, Beef Improvement Federation Ann. Mtg., Calgary, ALB, pp 253-254.

17. Stockburger, E. M.*, **R. D. Green**, T. Holm, D. W. Schafer, M. D. MacNeil, R. S. Yemm, and J. Berg-Ramsey. 1998. Determination of the stringency of DNA microsatellite marker genotypes for use in individual beef cattle identification. Proceedings, Beef Improvement Federation Ann. Mtg., Calgary, ALB, pg 257.

18. Irlbeck, N. A., D. R. Ames, R. E. Taylor, T. G. Field, and **R. D. Green**. 1997. Modular classes—active learning in animal sciences. NACTA Journal 41:27.

19. **Green, R. D.**, J. Berg-Ramsey, S. P. Doyle, and L. R. Hyde. 1997. Development of a specialized undergraduate course in DNA technology applied to livestock. J. Anim. Sci. 75 (Suppl. 1): 276.

20. Doyle, S. P.*, B. L. Golden, J. S. Brinks, R. G. Mortimer, and **R. D. Green**. 1997. Additive genetic relationships between heifer pregnancy, subsequent rebreeding, and stayability in Angus females. Proceedings, Beef Improvement Federation Annual Mtg., Dickinson, ND, p. 223.

21. Doyle, S. P.*, B. L. Golden, J. S. Brinks, R. G. Mortimer, and **R. D. Green**. 1997. Additive genetic relationships among heifer pregnancy, subsequent rebreeding, and stayability in Angus cattle. Proc. West. Sect. Amer. Soc. Anim. Sci. 48:88.

22. Lankister, W.L.*, **R. D. Green**, P. E. Gutierrez, and R. E. Taylor. 1997. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: IRM-SPA results. J. Anim. Sci. 75 (Suppl. 1):159.

23. Lankister, W.L.*, **R. D. Green**, N. E. Dalsted, R. E. Taylor, and G. G. Hilton. 1997. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: Feedlot, carcass, and profitability results. J. Anim. Sci. 75 (Suppl. 1):159.

24. Doyle, S. P.*, **R. D. Green**, B. L. Golden, G. L. Mathiews, C. R. Comstock, and D. G. LeFever. 1996. Genetic parameter estimates for heifer pregnancy rate and subsequent rebreeding rate in Angus cattle. J. Anim. Sci. 74 (Suppl. 1):117.

25. Evans, J. L., B. L. Golden, C. R. Comstock, K. L. Long, R. M. Bourdon, C. H. Mallinckrodt, and **R. D. Green**. 1996. Genetic parameter estimates for heifer pregnancy rate in Hereford cattle. J. Anim. Sci. 74 (Suppl. 1):116.

26. **Green, R. D.**, N. E. Cockett, J. D. Tatum, D. M. Wulf, D. L. Hancock, and G. C. Smith. 1996. Association of a *TaqI* calpastatin polymorphism with postmortem measures of beef tenderness in Charolais- and Limousin-sired steers and heifers. J. Anim. Sci. 74 (Suppl. 1):113.

27. **Green, R. D.**, N. E. Cockett, J. D. Tatum, S. F. O'Connor, D. L. Hancock, and G. C. Smith. 1996. Association of a *TaqI* calpastatin polymorphism with postmortem measures of beef tenderness in *Bos taurus* and *Bos taurus-Bos indicus* steers and heifers. J. Anim. Sci. 74 (Suppl. 1):111.

28. Doyle, S. P.*, **R. D. Green**, B. L. Golden, J. S. Brinks, and R. M. Enns. 1995. Genetic parameter estimates for gestation length in Angus cattle. Proc. West. Sect. Amer. Soc. Anim. Sci. 46:213.

29. Evans, J. L., B. L. Golden, D. R. C. Bailey, R. P. Gilbert, and **R. D. Green**. 1995. Genetic parameter estimates of ultrasound measures of backfat thickness, loineye muscle area, and gray shading score in Red Angus cattle. Proc. West. Sect. Amer. Soc. Anim. Sci. 46:202.

30. **Green, R. D**., N. E. Cockett, D. L. Hancock, D. L. Wulf, J. D. Tatum, J. B. Morgan, and G. C. Smith. 1995. Genotypic and allellic frequencies of polymorphisms for bovine calpastatin and CSSM18. J. Anim. Sci. 73 (Suppl. 1):299.

31. Mathiews, G. L.*, **R. D. Green**, J. S. Brinks, B. L. Golden, R. M. Enns, and D. G. LeFever. 1995. Genetic parameter estimates for conception rate to synchronized breeding in Angus cattle. Proc. West. Sect. Amer. Soc. Anim. Sci. 46:217.

32. Wulf, D. M., J. D. Tatum, **R. D. Green**, J. B. Morgan, and G. C. Smith. 1995. Genetic effects on beef tenderness. Proc. Intl. Meat Congress, San Antonio, TX.

33. Barrett, L. S.*, **R. D. Green**, N. E. Cockett, J. B. Morgan, J. D. Tatum and D. L. Hancock. 1994. Characterization of *taqI* calpastatin polymorphisms in beef cattle of *Bos indicus* inheritance. J. Anim. Sci. 72 (Suppl. 1): 315.

34. Cockett, N. E., T. L. Shay, D. Nielsen, S. P. Jackson*, **R. D. Green**, G. D. Snowder and M. Georges. 1994. Localization of the *callipyge* gene in sheep to ovine chromosome 18. J. Anim. Sci. 72 (Suppl. 1):59.

35. Diles, J. J. B.*, **R. D. Green**, L. J. Hughes and G. L. Mathiews. 1994. Variation within and between groups of genetically identical nuclear transfer Brangus bulls and steers for growth measures over time. Proceedings Western Sec. Amer. Soc. Anim. Sci. 45:17.

36. Diles, J. J. B.*, **R. D. Green**, L. J. Hughes, G. L. Mathiews and M. F. Miller. 1994. Relationships between body measurements obtained on yearling Brangus bulls and measures of carcass merit obtained from their steer, clone-mates. Proceedings Western Sec. Amer. Soc. Anim. Sci. 45:21.

37. **Green, R. D.**, N. E. Cockett, D. L. Hancock, M. F. Miller and L. S. Barrett. 1994. Initial characterization of polymorphisms detected using a partial cDNA probe for the bovine calpastatin gene. Proceedings Western Sec. Amer. Soc. Anim. Sci. 45:7.

38. **Green, R. D.**, H. H. Shepard, L. S. Barrett and J. J. B. Diles. 1994. Teaching animal breeding and genetics in the 90's and beyond: Quantitative or molecular?. J. Anim. Sci. 72 (Suppl. 1):141.

39. Jackson, S. P.*, C. R. Kerth, M. F. Miller and **R. D. Green**. 1994. Palatability of muscle from ram and wether lambs expressing the *callipyge* gene. J. Anim. Sci. 72 (Suppl. 1):61.

40. Jackson, S. P.*, M. F. Miller and **R. D. Green**. 1994. Carcass characteristics and retail yield of ram lambs possessing the *callipyge* gene. J. Anim. Sci. 72 (Suppl. 1): 60.

41. Plante, Y., S. Schmutz, **R. D. Green**, S. Hiendleder, and G. Kraay. 1994. Molecular genetic, biochemical and phenotypic characterization of cloned cattle. XXIV Int. Soc. Anim. Gen. 141.

42. Ritchie, M., N. E. Cockett, T. L. Shay, **R. D. Green**, M. F. Miller and D. L. Hancock. 1994. Genotype frequencies of a calpastatin fragment length polymorphism in beef cattle breeds. Proceedings Western Sec. Amer. Soc. Anim. Sci. 45:11.

43. Shay, T. L., N. Cockett, D. Nielsen, S. P. Jackson*, **R. D. Green**, G. D. Snowder and M. Georges. 1994. Localization of the *callipyge* gene in sheep to ovine chromosome 18. Proceedings Western Sec. Amer. Soc. Anim. Sci. 45:96.

44. Cockett, N. E., S. P. Jackson*, M. Georges, **R. D. Green**, and V. T. Mendenhall. 1993. Identification of a random genetic marker that is linked to a gene causing muscle hypertrophy in sheep. J. Anim. Sci. 71 (Suppl. 1): 95 and Proceedings Western Sec. Amer. Soc. Anim. Sci. 44:96.

45. Diles, J. J. B.*, **R. D. Green**, L. J. Hughes, H. H. Shepard, K. E. Hamlin, T. L. Perkins, L. L. Keeton and Y. Plante. 1993. Variation within groups of genetically identical nuclear transfer calves for preweaning traits. J. Anim. Sci. 71 (Suppl. 1):100.

46. **Green, R. D.**, J. J. B. Diles, L. J. Hughes, S. L. Baker and J. M. McGrann. 1993. Incorporation of decision-making experience into a beef production course using IRM-SPA™. J. Anim. Sci. 71 (Suppl. 1):295.

47. Ives, D. S. C., S. J. Bartle, R. L. Preston and **R. D. Green**. 1993. Redefining methodology for bull progeny testing by emphasizing animal energy conversion efficiency: Definition of compensatory growth effects. J. Anim. Sci. 71 (Suppl. 1):285.

48. Jackson, S. P.* and **R. D. Green**. 1993. Muscle trait inheritance, growth performance and feed efficiency of sheep exhibiting a muscle hypertrophy phenotype. J. Anim. Sci. 71 (Suppl. 1):241 and Proceedings Western Sect. Amer. Soc. Anim. Sci. 44:364.

49. Jackson, S. P.*, M. F. Miller and **R. D. Green**. 1993. The effect of a muscle hypertrophy gene on muscle weights of ram lambs. J. Anim. Sci. 71 (Suppl. 1):146 and Proceedings Western Sect. Amer. Soc. Anim. Sci. 44:196.

50. Jackson, S. P.*, M. F. Miller, **R. D. Green** and K. S. Brdecko. 1993. Carcass characteristics of Rambouillet ram lambs with genetic muscle hypertrophy. J. Anim. Sci. 71 (Suppl. 1):147 and Proceedings Western Sect. Amer. Soc. Anim. Sci. 44:167.

51. Keeton, L. L.*, **R. D. Green**, B. L. Golden and K. J. Andersen. 1993. Genetic parameter estimates for scrotal circumference and weaning weight in Limousin cattle. J. Anim. Sci. 71 (Suppl. 1):101.

52. Shepard, H. H.*, **R. D. Green**, B. L. Golden and W. M. Snelling. 1993. Genetic parameters for ultrasonic measures of backfat thickness and loineye muscle area in Angus cattle. J. Anim. Sci. 71 (Suppl. 1):101.

53. **Green, R. D.**, N. E. Muggli-Cockett, J. S. Brinks and R. L. Hennig. 1992. Association of the bovine major histocompatability system with various measures of immune function in beef cattle. Proceedings Western Sect. Amer. Soc. Anim. Sci. 43:91.

54. **Green, R. D.** 1992. Methods for incorporating the two C's into animal science undergraduate instruction. J. Anim. Sci. 70 (Suppl. 1):321.

55. Hamlin, K. E.*, **R. D. Green**, T. L. Perkins and L. V. Cundiff. 1992. Evaluation of relative change in retail yield indicators in diverse biological types of beef steers using real-time ultrasound techniques. Proceedings Western Sect. Amer. Soc. Anim. Sci. 43:302.

56. Hamlin, K. E.*, **R. D. Green**, T. L. Perkins and L. V. Cundiff. 1992. Predicting retail yield and quality components in diverse biological types of beef steers using real-time ultrasound techniques. J. Anim. Sci. 70 (Suppl. 1):219.

57. Hennig, R. L.*, **R. D. Green**, J. S. Brinks, H. H. Shepard and M. L. Gibson. 1992. Inbreeding and stress effects on measures of immune function in beef cattle. Proceedings Western Sec. Amer. Soc. Anim. Sci. 43:116.

58. Keeton, L. L.*, **R. D. Green** and K. J. Andersen. 1992. Estimation of growth curves and age-of-dam adjustments for scrotal circumference in Limousin bulls. Proceedings Western Sec. Amer. Soc. Anim. Sci. 43:107.

59. Perkins, T. L.*, **R. D. Green** and M. F. Miller. 1992. Evaluation of alternative measurement sites as estimators of yield grade factors in beef cattle. Proceedings Western Sec. Amer. Soc. Anim. Sci. 43:294.

60. Shepard, H. H.*, **R. D. Green**, K. E. Hamlin, T. L. Perkins and J. Fitzgerald. 1992. Estimation of growth curves of live animal ultrasonic predictors of carcass merit in yearling breeding cattle. Proceedings Western Sect. Amer. Soc. Anim. Sci. 43:27.

61. **Green, R. D.**, T. L. Perkins, K. E. Hamlin and E. B. Fish. 1991. Quality grade classification of feedlot cattle by video image analysis of ultrasound measurements. J. Anim. Sci. 69 (Suppl. 1):480.

62. **Green, R. D.**, R. S. Faught, H. H. Shepard, R. J. Vogel, A. E. Sanders and K.E. Evans. 1991. A survey of the beef cow-calf industry in the southwestern United States. J. Anim. Sci. 69 (Suppl. 1):246.

63. **Green, R. D.**, R. S. Faught, K. E. Hamlin, R. J. Vogel, A. E. Sanders and K. E. Evans. 1991. A survey of the beef cattle feedlot and packing industries in the southwestern United States. J. Anim. Sci. 69 (Suppl. 1):246.

64. **Green, R. D.**, J. Moylan, T. L. Perkins, L. J. Hughes and K. E. Hamlin. 1991. A non-traditional undergraduate beef cattle production and management course. J. Anim. Sci. 69 (Suppl. 1):65.

65. Hamlin, K. E.*, T. L. Perkins and **R. D. Green**. 1991. Serial real-time ultrasound measurements of feedlot steers to evaluate relative change in backfat and ribeye area. J. Anim. Sci. 69 (Suppl. 1):57.

66. Hennig, R. L.*, **R. D. Green**, J. S. Brinks, H. H. Shepard and M. L. Gibson. 1991. Inbreeding effects on measures of immune function in beef cattle. J. Anim. Sci. 69 (Suppl. 1):212.

67. Moylan, J., C. B. Ramsey, R. A. Long, **R. D. Green**, T. L. Perkins, S. P. Jackson and L. J. Hughes. 1991. Evaluation of linear measurements, ultrasound and visual appraisal as estimators of composition in beef cattle. J. Anim. Sci. 69 (Suppl. 1):57.

68. Perkins, T. L.*, **R. D. Green** and K. E. Hamlin. 1991. The evaluation of technician effects on ultrasonic estimates of carcass fat thickness and ribeye area in feedlot cattle. J. Anim. Sci. 69 (Suppl. 1):480.

69. Perkins, T. L.*, **R. D. Green** and K. E. Hamlin. 1991. Evaluation of ultrasonic estimates of carcass backfat and ribeye area in beef cattle. J. Anim. Sci. 69 (Suppl. 1):57.

70. Shepard, H. H.*, **R. D. Green**, R. L. Hennig, T. L. Perkins and M. L. Gibson, 1991. Repeatability of measures of immune response in beef cattle. J. Anim. Sci. 69 (Suppl. 1):61.

71. **Green, R. D.**, T. L. Perkins, M. L. Gibson, J. J. McGlone and B. L. Hennig. 1990. Heritabilities of measures of immune response in beef cattle. J. Anim. Sci. 68 (Suppl. 1):243.

72. **Green, R. D.**, T. L. Perkins, B. L. Hennig, J. J. McGlone and M. L. Gibson. 1990. Relationships among measures of immune response and performance in beef cattle. J. Anim. Sci. 68 (Suppl. 1):244.

73. Salak, J. L., J. J. McGlone and **R. D. Green**. 1990. Heritability estimates of immune function in growing pigs. J. Anim. Sci. 68 (Suppl. 2):249.

74. **Green, R. D.**, L. V. Cundiff and G. E. Dickerson. 1989. Life-cycle efficiency of cow-calf production to weaning of *Bos indicus-Bos taurus* versus *Bos taurus-Bos taurus* sources of germ plasm. J. Anim. Sci. 67 (Suppl. 1):90.

75. Akins, C. K., J. J. McGlone and **R. D. Green**. 1989. Genetics of postweaning pig behaviors. J. Anim. Sci. 67 (Suppl. 1):96.

76. **Green, R. D.**, J. S. Brinks and D. G. LeFever. 1988. Relationships between male and female pelvic measures in beef cattle. Proceedings Western Sec. Amer. Soc. Anim. Sci. 39:37.

77. **Green, R. D.**, L. V. Cundiff and G. E. Dickerson. 1988. Efficiency differences among *Bos indicus-Bos taurus* and *Bos taurus-Bos taurus* F_1 cross cows. J. Anim. Sci. 66 (Suppl 1):229.

78. **Green, R. D.**, G. E. Dickerson and G. B. Anderson. 1988. Effects of twinning on calf performance in beef cattle. J. Anim. Sci. 66 (Suppl. 1):100.

79. **Green, R. D.**, G. E. Dickerson and L. V. Cundiff. 1988. Estimates of lactation yield in four beef breed crosses. J. Anim. Sci. 66 (Suppl. 1):106.

80. **Green, R. D.**, J. S. Brinks, D. G. LeFever and G. V. Richardson. 1985. Heritabilities, breed and age differences of pelvic measures in beef cattle. J. Anim. Sci. 61 (Suppl. 1):223.

81. **Green, R. D.**, J. S. Brinks, A. H. Denham and D. G. LeFever. 1984. Estimation of heritabilities of pelvic measures in beef cattle. J. Anim. Sci. 60 (Suppl. 1):174.

TECHNICAL REPORTS

1. S. P. Doyle*, G. E. Seidel, L. A. Herickhoff, J. L. Schenck, D. G. Cran, and **R. D. Green**. 1999. Artificial insemination of Angus cattle with sexed semen. Beef Program Rept., Colorado State Univ., pp 79-85.

2. Lanier, J. L. T. Grandin, **R. D. Green**, D. Avery, and K. McGee. 1999. Cattle whorl position and temperament in auction houses. Beef Program Rept., Colorado State Univ., pp 39-44.

3. Lanier, J. L. T. Grandin, **R. D. Green**, D. Avery, and K. McGee. 1999. The effect on cattle on sudden intermittent movements and sounds associated with an auction ring. Beef Program Rept., Colorado State Univ., pp 225-230.

4. Stockburger, E. M.*, **R. D. Green**, T. Holm, D. W. Schafer, M. D. MacNeil, R. S. Yemm, and J. Berg-Ramsey. 1999. Determination of the stringency of DNA microsatellite marker genotypes for use in individual beef cattle identification. Beef Program Rept., Colorado State Univ., pp 209-216.

5. **Green, R. D.**, G. D. Niswender, T. G. Field, J. C. Whittier, R. Roath, N. L. Dalsted, and J. O. Green. 1999. An overview of the new Western Center for Integrated Resource Management. Beef Program Rept., Colorado State Univ. pp 217-224.

6. **Green, R. D.**, K. L. Key, S. P. Doyle, G. L. Mathiews, T. L. Geary, T. L. Stanton, K. Moon, J. Moon, J. S. Brinks, D. G. LeFever. 1998. Bi-Annual Field Day Bulletin for the CSU Beef Improvement Center, 75 pp.

7. Schafer, D. W. and **R. D. Green**. 1998. 49th Annual Beef Cattle Improvement Report and Sale Data. Co. Ag. Exp. Sta. Bulletin TR98-2, 40 pp.

8. G. L. Mathiews*, **R. D. Green**, and S. P. Doyle**.** 1998. An alternative in the presentation of performance data. Beef Program Rept., Colorado State Univ. pp . 103-106.

9. Doyle, S. P.***, R. D. Green**, B. L. Golden, G. L. Mathiews, C. R. Comstock, and D. G. LeFever. 1997. Genetic parameter estimates for heifer pregnancy rate and subsequent rebreeding rate in Angus cattle. Beef Program Rept., Colorado State Univ. pp 25-29.

10. Doyle, S. P.***,** B. L. Golden, J. S. Brinks, R. G. Mortimer, and **R. D. Green**. 1997. Additive genetic relationships among heifer pregnancy, subsequent rebreeding, and stayability in Angus cattle. Beef Program Rept., Colorado State Univ. pp 15-24.

11. Lankister, W.L.*****, **R. D. Green**, P. E. Gutierrez, and R. E. Taylor. 1997. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: IRM-SPA results. Beef Program Rept., Colorado State Univ. pp 127-135.

12. Lankister, W.L.*****, **R. D. Green**, R. E. Taylor, and G. G. Hilton. 1997. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: Feedlot and carcass performance. Beef Program Rept., Colorado State Univ. pp 137-154.

13. Lankister, W.L.*****, **R. D. Green**, N. E. Dalsted, and R. E. Taylor. 1997. Identification and management of critical control points in the cow-calf enterprise for achieving and maintaining consistency and low cost of production: Summary of overall economic results. Beef Program Rept., Colorado State Univ. pp 155-158.

14. Rusk, C. P., **R. D. Green**, R. S. Yemm, J. L. Berg-Ramsey, M. Holtzen, and E. Stockburger. 1997. Validation of microsatellite markers for DNA fingerprinting Angus cattle. Beef Program Rept., Colorado State Univ. pp 191-204.

15. Schafer, D. W. and **R. D. Green**. 1997. 48th Annual Beef Cattle Improvement Report and Sale Data. Co. Ag. Exp. Sta. Bulletin TR97-5, 36 pp.

16. Schreiber, G., **R. D. Green**, C. Gladney, J. Berg-Ramsey, M. Holtzen, and E. Stockburger. 1997. Use of DNA fingerprinting to determine pedigree errors resulting from an estrous synchronization / artificial insemination program. Beef Program Rept., Colorado State Univ. pp 41-43.

17. **R. D. Green**, S. P. Doyle, G. L. Mathiews, J. L. Evans, J. C. Whittier, T. L. Geary, T. Grandin, K. Moon, J. Moon, J. S. Brinks, D. G. LeFever, C. Gladney. 1996. Field Day Bulletin: The Last Ten Years at the Colorado State University Beef Improvement Center, Mimeo.

18. **R. D. Green**, D. W. Schafer, J. S. Brinks, G. L. Mathiews, and S. P. Doyle. 1996. Using phenotypically alike but genetically diverse sources of germ plasm for composite cattle breeding: Birth, pre-weaning and weaning performance. Co. Ag. Exp. Sta. Bulletin TR96-5, pp 18-20.

19. Lankister, W. L.*****, **R. D. Green,** P. E. Gutierrez, and R. E. Taylor. 1996. Identification and management of critical control points in the cow/calf enterprise for achieving and maintaining consistency and low cost of production: Summary of IRM-SPA results. Co. Ag. Exp. Sta. Bulletin TR96-5, pp 26-29.

20. Schafer, D. W., **R. D. Green**, J. S. Brinks, G. L. Mathiews, and S. P. Doyle. 1996. Using phenotypically alike but genetically diverse sources of germ plasm for composite cattle breeding: Project overview. Co. Ag. Exp. Sta. Bulletin TR96-5, pp 16-17.

21. Schafer, D. W. and **R. D. Green**. 1996. 47th Annual Beef Cattle Improvement Report and Sale Data. Co. Ag. Exp. Sta. Bulletin TR96-5, 31 pp.

22. **Green, R. D.** , N. E. Cockett, D. M. Wulf, J. D. Tatum, D. L. Hancock, and G. C. Smith. 1996. Association between polymorphisms in the bovine calpastatin gene and measures of beef palatability in *Bos taurus* crosses. Beef Program Rept., Colorado State Univ., pp 101-110.

23. Lankister, W. L.*****, **R. D. Green**, P. E. Gutierrez, and R. E. Taylor. 1996. Identification and management of critical control points in the cow/calf enterprise for achieving and maintaining consistency and low cost of production: Summary of IRM-SPA results. Beef Program Rept., Colorado St. Univ., pp 197-204.

24. Mathiews, G. L.*****, **R. D. Green**, J. S. Brinks, B. L. Golden, R. M. Enns, and D. G. LeFever. 1996. Genetic parameters for conception rate to synchronized breeding in Angus cattle. Beef Program Rept., Colorado St. Univ., pp 183-188.

25. Doyle, S. P.*****, **R. D. Green**, B. L. Golden, J. S. Brinks, and R. M. Enns. 1996. Genetic parameter estimates for gestation length in Angus cattle. Beef Program Rept., Colorado St. Univ., pp 211-216.

26. **Green, R. D.** and D. W. Schafer. 1995. Development of a genetic resource population at the San Juan Basin Research Center to search for individual gene effects on reproductive efficiency. Co. Ag. Exp. Sta. Bulletin TR95-1, pg. 22.

27. Schafer, D. W. and **R. D. Green**. 1995. 46th Annual Beef Cattle Improvement Report and Sale Data. Co. Ag. Exp. Sta. Bulletin TR95-1, 24 pp.

28. **Green, R. D.**, N. E. Cockett, M. F. Miller, D. L. Hancock, C. A. Bidwell, L. S. Barrett, J. B. Morgan and J. D. Tatum. 1994. Characterization of *Taq1* polymorphisms in the bovine calpastatin gene. Animal Science Res. Rept., Texas Tech Univ., T-5-342, pp 39-41.

29. Cockett, N. E. , S. P. Jackson*, **R. D. Green**, T. L. Shay and M. Georges. 1993. Identification of genetic markers for and the location of a gene (*callipyge*) causing muscle hypertrophy in sheep. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 4-6.

30. **Green, R. D.**, N. E. Cockett, D. F. Hancock, M. F. Miller, C. Bidwell, T. L. Shay, L. S. Barrett and G. G. Hilton . 1993. Detection of polymorphisms in the *calpastatin* gene as a potential genetic screening mechanism for enhanced tenderness in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 104-107.

31. **Green, R. D.,** L. V. Cundiff, G. E. Dickerson and T. G. Jenkins. 1993. Biological efficiency differences among *Bos taurus X Bos taurus* and *Bos indicus X Bos taurus* F_1-cross cows. Beef Program Rept. #4, USMARC, USDA-ARS, pp 55-56.

32. Diles, J. J. B.*, **R. D. Green**, L. J. Hughes and Y. Plante. 1993. Growth trait variation within groups of genetically identical nuclear transfer calves. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 115-119.

33. Jackson, S. P.*, **R. D. Green** and K. S. Brdecko. 1993. Muscle trait inheritance, growth performance and feed efficiency of Rambouillet sheep with the *callipyge* gene. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 7-9.

34. Jackson, S. P.*, M. F. Miller and **R. D. Green**. 1993. The effect of the *callipyge* gene on muscle weights of ram lambs. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 13-16.

35. Jackson, S. P.*, M. F. Miller, **R. D. Green** and K. S. Brdecko. 1993. Carcass characteristics of Rambouillet ram lambs with the *callipyge* gene. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 10-12.

36. Keeton, L. L.*, **R. D. Green**, B. L. Golden and K. J. Andersen. 1993. Estimation of variance components and prediction of breeding values for scrotal circumference and weaning weight in Limousin cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 108-111.

37. Shepard, H. H.*, **R. D. Green**, B. L. Golden, C. H. Mallinckrodt and W. M. Snelling. 1993. Genetic parameter estimates for ultrasonic measures of backfat thickness and longissimus muscle area, and other performance traits, in Angus cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-327, pp 112-114.

38. Diles, J. B.*, **R. D. Green**, T. L. Perkins and K. E. Hamlin. 1992. Evaluation of recording loineye muscle depth measurements as an alternative to loineye muscle area estimates when predicting carcass characteristics in beef cattle with ultrasound equipment. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 91-93.

39. **Green, R. D.**, R. L. Hennig, J. S. Brinks, H. H. Shepard and M. L. Gibson. 1992. Inbreeding and stress effects on measures of immune function in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 71-77.

40. **Green, R. D.**, N. E. Muggli-Cockett, J. S. Brinks and R. L. Hennig. 1992. Association of class II haplotype of the bovine major histocompatability system with measures of immunocompetence in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 78-82.

41. **Green, R. D.,** N. E. Muggli-Cockett, R. L. Hennig and J. S. Brinks. 1992. A factor analysis description of the relationship between components of immunocompetence and bovine major histocompatability system haplotypes. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 83-85.

42. **Green, R. D.**, L. J. Hughes, J. B. Diles, K. E. Hamlin, L. L. Keeton, H. H. Shepard and T. L. Perkins. 1992. Application of biotechnology to traditional research problems in the animal sciences: The nuclear transplantation example. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 65-67.

43. Hamlin, K. E.*, **R. D. Green,** T. L. Perkins and L. V. Cundiff. 1992. Description of sources of variation in diverse biological types of beef steers using real-time ultrasound techniques. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 94-97.

44. Hamlin, K. E.*, **R. D. Green,** T. L. Perkins and L. V. Cundiff. 1992. Estimation of growth curves for ultrasonic measures of carcass merit in diverse biological types of beef steers. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 98-102.

45. Hamlin, K. E.*, **R. D. Green,** L. V. Cundiff and M. E. Dikeman. 1992. Relationships between real-time ultrasonic estimates and estimates of carcass merit and retail yield of diverse biological types of beef steers. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 103-107.

46. Hamlin, K. E.*, **R. D. Green**, T. L. Perkins, R. S. Faught and L. V. Cundiff. 1992. Relationship between real-time ultrasonic estimates and quality components of carcass merit in diverse biological types of beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 108-111.

47. Hennig, R. L.*, **R. D. Green**, M. L. Gibson and J. L. Salak. 1992. Development and validation of an *in vitro* assay to measure neutrophil chemotaxis and chemokinesis in beef cattle. Animal Science Res. Rept, Texas Tech Univ., T-5-317, pp 68-70.

48. Jackson, S. P.*, **R. D. Green**, R. A. Christensen and K. S. Brdecko. 1992. The effect of a muscle hypertrophy gene on 90 day weaning weights of crossbred lambs. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 56-57.

49. Jackson, S. P.*, **R. D. Green** and J. E. Quisenberry. 1992. Genetic evaluation of muscle hypertrophy in sheep. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 54-55.

50. Jackson, S. P.*, M. F. Miller and **R. D. Green**. 1992. The effect of a muscle hypertrophy gene on carcass characteristics and muscle weights of ram lambs. Animal Science Res. Rept., Texas Tech Univ., T-5-317. pp 58-61.

51. Keeton, L. L.*, **R. D. Green** and K. E. Anderson. 1992. Estimation of growth curves and age-of-dam adjustment factors for scrotal circumference of Limousin bulls. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 117-120.

52. Perkins, T. L.*, **R. D. Green**, K. E. Hamlin and M. F. Miller. 1992. Evaluation of alternative sites of live animal ultrasonic measurement for prediction of retail yield in beef steers. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 86-90.

53. Shepard, H. H.*, **R. D. Green**, K. E. Hamlin, T. L. Perkins and J. Fitzgerald. 1992. Estimation of growth curves of live animal ultrasonic predictors of carcass merit in yearling breeding cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-317, pp 112-114.

54. Shepard, H. H.* and **R. D. Green**. 1992. Sire effects on live animal ultrasonic predictors of carcass merit in immature breeding male and female beef cattle. Animal Science Res. Rept, Texas Tech Univ., T-5-317, pp 115-116.

55. **Green, R. D.**, T. L. Perkins, K. E. Hamlin and E. B. Fish. 1991. Quality grade classification of beef cattle by computer video image analysis of real-time ultrasound measurements. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 17-19.

56. **Green, R. D.**, T. L. Perkins, K. E. Hamlin, R. S. Faught and L. V. Cundiff. 1991. Validation of a method for discriminating USDA quality grades in beef cattle from ultrasonic measurements. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 20-22.

57. **Green, R. D.**, R. S. Faught, T. L. Perkins, K. E. Hamlin, H. H. Shepard, K. E. Evans, R. J. Vogel, and A. E. Sanders. 1991. A profile of the beef cattle industry in the southwestern United States: I. Sampling methods and characteristics of respondents. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 1-4.

58. **Green, R. D.**, R. S. Faught, R. A. Long, and K. E. Evans. 1991. A profile of the beef cattle industry in the southwestern United States: II. Breed composition and relative importance of traits. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 5-8.

59. **Green, R. D.** and R. S. Faught. 1991. A profile of the beef cattle industry in the southwestern United States: III. Contemporary and industry issues. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 9-10.

60. Hamlin, K. E.*, **R. D. Green** and L. V. Cundiff. 1991. Description of relative changes in fatness and degree of muscling in diverse biological types of beef steers using real-time ultrasound techniques. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 32-34.

61. Hamlin, K. E.*, **R. D. Green** and T. L. Perkins. 1991. Serial measurements using real-time ultrasound to evaluate relative change in fat thickness and ribeye area of feedlot steers. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 28-31.

62. Perkins, T. L.*, **R. D. Green** and K. E. Hamlin. 1991. Evaluation of ultrasonic estimates of carcass fat thickness and ribeye area in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 23-27.

63. Perkins, T. L.*, **R. D. Green**, K. E. Hamlin, M. F. Miller and H. H. Shepard. 1991. The evaluation of technician effects on ultrasonic estimates of carcass fat thickness and ribeye area. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 11-16.

64. Shepard, H. H.*, **R. D. Green**, K. E. Hamlin and T. L. Perkins. 1991. Estimation of growth curves of live animal ultrasonic predictors of carcass merit in yearling breeding cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-297, pp 35-37.

65. **Green, R. D.**, T. L. Perkins, H. H. Shepard, M. L. Gibson, J. J. McGlone and R. L. Hennig. 1990. Sources of variation and breed differences in measures of immune response in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

66. **Green, R. D.**, T. L. Perkins, H. H. Shepard, R. L. Hennig, M. L. Gibson and J. J. McGlone. 1990. Genetic parameters of disease resistance marker traits in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

67. **Green, R. D.**, T. L. Perkins, H. H. Shepard and R. L. Hennig. 1990. Relationships between measures of immune response and performance in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

68. **Green, R. D.**, H. H. Shepard, T. L. Perkins, M. L. Gibson and J. J. McGlone. 1990. Repeatability of measures of immune response in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

69. Hennig, R. L.*, **R. D. Green**, H. H. Shepard and M. L. Gibson. 1990. Validation and repeatability of measurement of lymphocyte activity in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

70. Perkins, T. L.*, **R. D. Green** and K. E. Hamlin. 1990. Relationships between various ultrasonic and carcass measurements in beef cattle. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

71. Perkins, T. L*, K. E. Hamlin and **R. D. Green**. 1990. Prediction of measures of carcass merit in beef cattle using real-time ultrasound technology. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

72. Salak, J. L., J. J. McGlone and **R. D. Green**. 1990. Heritability estimates of immune components in growing pigs. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

73. Salak, J. L., J. J. McGlone and **R. D. Green**. 1990. Phenotypic and genetic correlations between various immune components and performance traits in growing pigs. Animal Science Res. Rept., Texas Tech Univ., T-5-283.

74. Shepard, H. H.*, R. L. Hennig, **R. D. Green** and M. L. Gibson. 1990. Validation and repeatability of measurement of antibody response to ovalbumin in beef cattle. Animal Science Res. Rept. Texas Tech Univ., T-5-283.

75. Akins, C. K., J. J. McGlone and **R. D. Green**. 1989. Genetic variation of immune function in weaned pigs. Animal Science Res. Rept., Texas Tech Univ. T-5-263.

76. Akins, C. K., J. J. McGlone and **R. D. Green**. 1989. Genetic variation of behavior in weaned pigs. Animal Science Res. Rept., Texas Tech Univ. T-5-263.

77. Akins, C. K., J. J. McGlone and **R. D. Green**. 1989. Genetic variation of weight gain in weaned pigs. Animal Science Res. Rept., Texas Tech Univ. T-5-263.

78. Salak, J. L., J. J. McGlone, J. L. Morrow-Tesch, R. J. Hurst and **R.D. Green**. 1989. Genetic variability in measures of beef cattle immune response. Animal Science Res. Rept., Texas Tech Univ. T-5-263

79. Dickerson, G. E., P. Guerra, G. B. Anderson and **R. D. Green**. 1988. Beef Program Report #3, USMARC, USDA.

80. **Green, R. D.**, J. S. Brinks and D. G. LeFever. 1986. Some genetic aspects of pelvic measures in beef cattle. Colo. State Univ. Beef Program Rept., pp 58-65.

81. **Green, R. D.**, J. S. Brinks, A. H. Denham and D. G. LeFever. 1985. Estimation of heritabilities of pelvic measures in beef cattle. Colo. State Univ. Beef Program Rept., pp. 88-91.

82. **Green, R. D.**, J. S. Brinks, A. H. Denham and D. G. LeFever. 1984. Estimation of heritabilities of pelvic measures in beef cattle. Colo. State Univ. Exp. Sta. Special Series 32., pp. 17-19.

POPULAR PRESS ARTICLES

1. Numerous publications 2010-15 as NU VP / IANR Harlan Vice Chancellor (see www.ianr.unl.edu).

2. **Green, R. D.** 2006. Animal Production Highlights for USDA-ARS: 2000-2005, Agricultural Research. January 2006.

3. **Green, R. D.** 2005. Genomics and Food Animal Production, Agricultural Research. January 2005.

4. **Green, R. D.** 2000. "The Western Center for Integrated Resource Management". Cattle Guard. March 2000.

5. **Green, R. D. (Ed.)**, J. Roybal, K. Gordon, N. S. Hammett, B. M. Ripley, and S. P. Doyle. 2000. Focus on Breeding Systems: Cow-Calf Issue, Beef Magazine. February 2000, 54 pp.

6. **Green, R. D.** and S. Dolezal. 2000. Can Cow Adaptability and Carcass Acceptability Both be Achieved? Cow-Calf Issue, BEEF Magazine. February 2000, pp 6-14.

7. **Green, R. D.** 1999. Update on the National Carcass Merit Project. Simmental Register. September 1999.

8. **Green, R. D.** 1999. Update on the National Carcass Merit Project. Cattle Guard. July 1999.

9. **Green, R. D.** 1999. The National Carcass Merit Project. Charolais World. May 1999.

10. **Green, R. D. (Ed.)**, J. Roybal, R. Lloyd, and P. Grant. 1999. Focus on Genetics: Cow-Calf Issue, BEEF Magazine. April 1999, 62 pp.

11. **Green, R. D.** 1999. DNA + EPDs = Marker-Assisted Optimum Selection. Cow-Calf Issue, BEEF Magazine. April 1999, 5 pp.

12. **Green, R. D.** 1997. "The BEEF Team Concept at CSU". Cattle Guard. August 1997.

13. **Green, R. D.** 1996. "DNA and the Future of the Purebred Cattle Industry" Annual of the British Hereford Society. December 1996.

14. **Green, R. D.** 1996. "Carcass EPDs: Put Up or Shut Up! American Beef Cattlemen. Summer 1996. pp 10-13.

15. Mitchell, C. and **R. D. Green**. 1996. "Ultrasound Scanning: A Double-Edged Sword?" Limousin World. March 1996.

16. Green, R. D. 1995. EPDs: Fact or Fiction? Brangus Journal. October 1995.

17. Green, R. D. 1995. EPDs: Fact or Fiction? Braunvieh World. August 1995.

18. **Green, R. D.** 1994. "The Profit Gene?". Cattle Guard. November 1994.

19. **Green, R. D.** 1993. The EPD Story. The Tribune. February 1993. (reprinted from Dec. 1992 Cattleman).

20. **Green, R. D.** 1992. EPD's: Effective, Profitable and Decisive. The Cattleman. December 1992 (English and Spanish).

21. **Green, R. D.** 1991. The ABC's of E.P.D.'s (Show Times Magazine):

    - The Basics. Dec./Jan. 1991.
    - Collection of Information and Calculation. Feb. 1991.
    - What Does an EPD Tell You? Mar. 1991.
    - What Breeds and What Traits? Apr. 1991.
    - Across Breed EPD's? June 1991.
    - EPD's or Gene Mapping? July 1991.

22. **Green, R. D.** 1991. Ultrasound: Questions Needing Answers. Angus Journal. June/July 1991.

23. **Green, R. D.**, and R. Gabel. 1991. Producers, Feeders and Packers: Is Their Perception of Each Other Reality? The Cattleman. Sept. 1991 (English), December 1991 (Spanish).