

Vitae

BRENT L. PLUGGE

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Education

University of Nebraska–Lincoln
Master of Science, Animal Science, 1989
Thesis Topic: Estrous induction and synchronization involving MGA and Lutalyse utilizing AI or natural service

University of Nebraska–Lincoln
Bachelor of Science, Agriculture, 1987

Professional Experience

University of Nebraska–Lincoln Extension, May 2004 - present
Extension Educator, Buffalo County, Kearney, NE

- Provide leadership in developing, implementing and evaluating educational programs focusing on livestock production systems and 4-H/youth development.
- Create and foster partnerships with commodity groups, federal, state and local agencies, and community organizations.
- Work with local citizen groups, 4-H Council and Extension Board to identify and deliver pro-active educational programs that serve a broad base of clientele.
- Provide oversight including financial accounting and curriculum development of the Husker Beef Lab.

Unit Leader, Buffalo County, 2011 - 2022

- Provide oversight of personnel, budget, and programming in Buffalo County.
- Create an environment where staff strives for excellence.
- Work jointly with Buffalo County Board of Supervisors, Buffalo County Extension Board, and UNL Administration.

University of Nebraska–Lincoln, West Central Research and Extension Center, January 2004 - July 2012
Assistant District Director

- Sustained county Extension Board relations.
- Reviewed county non-tax accounts.
- Supervised extension assistants in the West Central District.
- Oversaw student recruitment account including reviewing student recruitment proposals.
- Chaired the Issue Based Review Committee.
- Provided leadership for first Business Continuity Planning Guide for the West Central District including WCREC, GSL, and Water Resource Field Lab.

University of Nebraska–Lincoln Extension, September 1994 - May 2004
Extension Educator, Central Sandhills Area, Thedford, NE

- Provided leadership in developing, implementing and evaluating extension programs focusing on beef production systems, 4-H/youth development, and leadership development.
- Served as unit leader in a five-county extension program unit.
- Worked with local citizen groups, 4-H councils, extension board and county commissioners to identify and deliver pro-active educational programs that served a broad base of clientele.
- Created and fostered partnerships with local, state and federal agencies and community and state organizations. Jointly shared the 4-H/youth development responsibilities.

Congressman Tom Osborne, Nebraska's 3rd District, August 2002 - January 2004

- Focused on rural economic development.
- Developed a handbook, *Entrepreneurship: Handbook and Resource Guide.... developing ideas into profitable realities.*
- Developed a promotional piece on entrepreneurship in high schools and produced accompanying video, *Be a Part of Nebraska's Future: Opportunities for High School Seniors.*
- Designed and developed three conferences in the 3rd District highlighting agriculture diversity.

Kansas State University Cooperative Extension, September 1989 - July 1994

County Agent, Gove County, Gove, KS

- Extension program focused on crop and livestock production.
- Jointly shared 4-H/youth development programs.
- Cooperated with state and federal agencies.

Professional Development

National Extension Leadership Development (NELD), North Central Region, 2007

Range Beef Cow Symposium, 1995, 1999, 2001, 2003, 2005, 2009, 2011, 2017

Animal Science In-Service, 1995 to present

Nebraska Cattlemen Annual Convention, 2002 to present

Nebraska Grazing Conference, 2001 to present

Performance Coaching, Coaching for Leaders Workshop, 2003

Seven Habits of Highly Effective People Workshop, 2006

National Grant Writing Workshop, 1999

Trust Edge Training 2018

Various Subject Matter Competencies Workshops and Trainings

Honors and Awards

Promotion, Extension Educator, 2007

Nebraska Development Network, Connecting Nebraskans Award, 2003

UNL Extension's Team Excellence in Programming Award, Nebraska Ranch Practicum, 2002

Promotion, Associate Extension Educator, 2001

Ak-Sar-Ben Good Neighbor Award, 2000

Chester I. Walters "Extra Mile Award", 1999

County Agent Award, Kansas Wheat Commission, 1993

University and Community Service

Faculty Senate – ITS Sub-Committee, 2022 - Present

CASNR Alumni Board, 2007 -2016

CASNR Alumni Board, Chairman, 2013

West Central Research and Extension Center Comprehensive District Review Advisory Committee, 2006-2008

Grazing Livestock Systems Major Advisory Board, 2000 to present

Gudmundsen Sandhills Laboratory Planning Committee and Advisory Board, 2000 to 2010

Nebraska Cattlemen Beef Quality Assurance Technical Advisory Board, 2000-2012

Advisor, Nebraska Grazing Lands Coalition, 2003 to present

Instructor, Hunter Safety, 1996 to present

UNL Extension Board Development Training Program, 2005-2007

4-H Foundation Trail Ride Committee, 1999-2007

Nebraska Cattleman, Fort Kearney Cattlemen Affiliate Board of Directors, 2006 to present

Nebraska Grazing Conference Planning Committee, 2004 to present

Nebraska Cattlemen IRM Committee, 2000 - 2012

Gateway Farm Expo Planning Committee, 2006 - 2016

Nebraska Cowboy Hall of Fame and Western Heritage Museum Board of Director, 2006 to present

Superintendent, State 4-H Horse Show, 2006-2007

Superintendent, State 4-H Dairy Show, 2006-2007

Co-Leader Food Production and Natural Resources Action Team, 2003-2005
State 4-H Camp Board of Directors, 1995-2001
Board Chair, State 4-H Camp Board of Directors, 2000-2001
Extension in the 21st Century Task Force, 1999-2000
County Non-Tax Account Review Committee, 2004-2005
Thedford Community Development Corporation, 2000-2004
Thedford School Improvement Committee, 1997-1998
Representative, Nebraska Cooperative Extension Association - West Central District, 1996-2000
Sandhills Select Pen Show Committee, 1996-2001
Coach, Little League Baseball, 1998-2003
Coach, Pee Wee Basketball, 1998-2001
Sandhills R C&D Steering Committee, 2001-2003
State 4-H Shooting Sports Committee, 1997-2002
Committee Member, State 4- H Policy, 1999-2001
Nebraska 4-H Horse Advisory Committee, 2007-2009
Nebraska State Fair Strategic Planning Committee, 2008-2010
UNL Animal Science Equine Program Review, 2009
Various Search Committee and Program Committee Involvement
Various District and State Committee Administrative Assignments

Selected Grants

Understanding the Impacts of Grazing and Baling Corn Residue on Subsequent Crop Yields across Various Soil Types with Different Erosion Potential, Co-Investigator, SARE, \$199,059, 2013-2016

Tri-State Ranch Management Practicum Beginning Rancher Education and Development Program, Co-Investigator, NIFA, \$85,192, 2011-2014

No-Till Drill, Co-Investigator, Nebraska Environmental Trust, \$30,000, 2010

Utilizing Ethanol Based Co-Products in Cow/Calf Operation, Co-Investigator, UNL Extension, \$7,500, 2007

Storage and Utilization of Ethanol Co-Products by Small Cattle Operations, Co-Investigator, SARE, \$44,370, 2007

Agriculture Land and Cow-Calf Leasing Extension Educator In-Service and Satellite Downlink, UNL-Extension, Co-Investigator, \$3,000, 2006

Premise ID Education, Nebraska Department of Agriculture, Co-Investigator, \$4,800, 2006

Employee Management in Production Agriculture, UNL Extension, \$7,500, 2004

Cost Effective Environmentally Sound Beef Cow Nutrition Using NRC Requirements, UNL Extension, \$3,500, 2004

Sandhills Leadership, Nebraska Forest Service, Primary Investigator, \$11,000, 1998

Selected Publications

Plugge, B., Hastings, L., and Burkhart-Kriesel, C. Essentials of Leadership: Thinking about the Future. NebGuide, University of Nebraska – Lincoln Extension. (Pending)

Anderson, D., Bauer, D., Rasby, R., Plugge, B. and Walz, T. 2012. Book Chapter, National 4-H Beef Resource Manual, University of Nebraska.

Deutscher, G., B. Plugge, A. Applegarth, and R. Davis. 2002. Replacement Heifer Development for Spring and Summer Calving Herds in Nebraska Sandhills. Nebraska Beef Cattle Report. University of Nebraska.

- Clark, R.T., et al. 2000. The Nebraska Ranch Practicum: An Interdisciplinary Hand-On Training School. Michigan State University, Conference Proceeding. NCR Extension Specialist Triennial Workshop.
- Deutscher, G., B. Plugge, and R. Davis. 2002. Estrous Synchronization Program for Lactating Cows. Nebraska Beef Cattle Report. University of Nebraska.
- Plugge, B.L., J. Collins, N. Anderson, and C. Spaeth. 1993. Effects of Melengesterol Acetate with Lutalyse or PG-600 on Estrous Synchronization on Mature White Faced Ewes. Kansas Sheep Research. pg. 17.
- Plugge, B.L., et al. 1990. Estrous Synchronization in Heifers. Nebraska Beef Cattle Report. University of Nebraska.
- Plugge, B.L., G.H. Deutscher, and M.K. Nielsen. 1990. MGA and Prostaglandin Program Compared to SMB for Estrous Synchronization Utilizing AI or Natural Service. The Prof. Anim. Scientist 6(3):29-35.
- Plugge, B.L., G.H. Deutscher, M.K. Nielsen, and S.K. Johnson. 1990. MGA and Prostaglandin for Estrous Induction and Synchronization in Peripuberal Beef Heifers. The Prof. Anim. Scientist 6(3):24-28.
- Plugge, B.L., G.H. Deutscher, and R.L. Davis. 1989. Comparison of Melengestrol Acetate (MGA) and Lutalyse Combination to Syncro-Mate B (SMB) in Estrous Synchronization Programs Utilizing AI or Natural Service. J. Anim. Sci. 67 (Suppl. 2):87.
- Deutscher G., B. Plugge, and R. Davis. 1989. MGA and Prostaglandin for Estrous Induction and Synchronization of Heifers. Nebraska Beef Cattle Report. University of Nebraska.
- Plugge, B. L., G.H. Deutscher, S. K. Johnson, and R. L. Davis. 1989. Estrous Induction and Synchronization Response in Beef Heifers Fed Melengestrol Acetate (MGA) and Injected with Lutalyse. J. Anim. Science 67 (Suppl. 2):87 (Abstr.).
- Erickson, G, T. Klopfenstein, R. Rasby, A. Stalker, B. Plugge, D. Bauer, D. Mark, D. Adams, J. Benton, M. Greenguist, B. Nuttleman, L. Kovarik, M. Peterson, J. Waterbury, M. Wilken. "Storage of Wet Co-Products". 2008, Extension Circular.