

Animal Sciences

Department Information

- **Department Head:**
Guillermo Scaglia, Ph.D.
- **Graduate Coordinator:**
Kendall Swanson, Ph.D.
- **Department Location:**
100 Hultz Hall
- **Department Phone:**
(701) 231-7641
- **Department Web Site:**
www.ag.ndsu.edu/ansc/ (<http://www.ag.ndsu.edu/ansc/>)
- **Application Deadline:**
Applications are accepted for fall, spring and summer semester admits.
- **Credential Offered:**
Ph.D., M.S.
- **English Proficiency Requirements:**
TOEFL iBT 71, IELTS 6; Duolingo 100

Marc L. Bauer, Ph.D.

University of Kentucky, 1996

Research Interests: Nutritional Physiology with emphasis on Nutrient Metabolism and Utilization in Ruminants

Eric P. Berg, Ph.D.

Purdue University, 1996

Research Interests: Influence of Environment, Nutrition, and Genetic Factors as They Impact Meat-Animal Production Efficiency, Health, Carcass Composition, and Meat Quality

Erika Berg, Ph.D.

University of Missouri, 2006

Research Interests: The Impact of Therapeutic Horsemanship on Human and Equine Participants. Maternal and Environmental Influence on Equine Neonatal Physiology

David Buchanan, Ph.D.

University of Nebraska

Research Interests: Animal Breeding and Genetics

Chris Byrd, Ph.D.

Purdue University, 2018

Research Interests: Applied Ethology and Stress Physiology

Kasey Maddock Carlin, Ph.D.

Iowa State University, 2005

Research Interests: Meat Science with emphasis on Physiological and Biochemical Changes in Muscle Postmortem on Meat Quality

Zachary Carlson, Ph.D.

University of Nebraska-Lincoln, 2021

Research Interests: Beef Cattle Nutrition, Alternative Options for Producers, Production Efficiencies

Joel S. Caton, Ph.D.

New Mexico State University, 1987

Research Interests: Ruminant Nutrition with emphasis on Nutrition and Reproduction interactions, Forage Utilization, Digestive Physiology and Selenium Metabolism

Carl Dahlen, Ph.D.

University of Minnesota, 2009

Research Interests: Beef Cattle Production

Carolyn Hammer, DVM, Ph.D.

Iowa State University, 2003

Research Interests: Equine Preventative Medicine, Growth and Development, Immunology

Lauren Hanna, Ph.D.

Texas A & M University, 2013

Research Interest: Animal Genetics; Genomics

Travis Hoffman, Ph.D.

Colorado State University, 2015

Research Interest: Sheep Production, Lamb Quality, Sheep and Goat Value, Direct Meat Marketing

Greg Lardy, Ph.D.

University of Nebraska, 1997

Research Interests: Cow-Calf Nutrition, By-Product Utilization, Range Nutrition

Miranda Meehan, Ph.D.

North Dakota State University, 2012

Research Interests: Riparian Ecology and Management, Livestock and Wildlife Interactions, Impacts of Energy Development on Livestock Production

Lawrence P. Reynolds, Ph.D.

Iowa State University, 1983

Research Interests: Maternal and Placental Physiology During Pregnancy in Livestock Including Cellular and Molecular Aspects

Guillermo Scaglia, Ph.D.

Texas A&M University, 2002

Research Interests: Ruminant Nutrition, Forage Systems, Grazing Management and Forage Utilization, Plant-Animal Interface, Grazing Behavior

Gerald Stokka, DVM, M.S.

Iowa State University, 1982

Research Interest: Immunology; Preventive Medicine; Animal Stewardship-well-being

Kendall Swanson, Ph.D.

University of Kentucky, 2001

Research Interests: Ruminant Nutrition

Alison Ward, Ph.D.

University of Saskatchewan, 2011

Research Interests: Nutritional and Genetic Interactions; Epigenetics, Especially In Regards to Maternal Nutrition and Fetal Programming

In addition to the above listed faculty, there are numerous adjunct faculty members who participate in the graduate program.