

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 105

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: Working with swine as a biomedical model for humans to study the impact of food and food combinations on obesity-related metabolic disorders

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

Erin Beyer, Ph.D.

Kansas State University, 2023

Research Interests: Post-harvest effects on eating quality of meat

Chris Byrd, Ph.D.

Purdue University, 2018

Research Interests: Applied ethology, stress physiology, animal welfare science, swine production

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

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 Interests: Animal Genetics; Genomics

Travis Hoffman, Ph.D.

Colorado State University, 2015

Research Interest: Sheep production, lamb quality, sheep and goat value, direct meat marketing

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, plant-animal interface, management of grazing ecosystems, precision livestock farming, sustainability of livestock production systems

Gerald Stokka, DVM, M.S.

Iowa State University, 1982

Research Interests: Immunology; preventive medicine; animal stewardship and well-being

Kendall Swanson, Ph.D.

University of Kentucky, 2001

Research Interests: Ruminant nutrition, energy and nitrogen metabolism, pancreatic function, digestion, and alternative feed ingredients for finishing cattle and over-wintering cows

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