

Timothy T. Ross

Title: Interim Department Head; Professor of Animal Science

Major Fields of Interest: Applied Animal Science, Sheep Production, Reproductive Physiology, and Toxicology



Education:

- B.S., Animal Science, University of Arkansas, Fayetteville, Arkansas, 1973
- M.S., Animal Science, University of Arkansas, Fayetteville, Arkansas, 1977
- Ph.D., Reproductive Physiology, North Carolina State University, Raleigh, North Carolina, 1982

Courses Taught:

- Animal Science 100 - Introductory Animal Science
- Animal Science 414 - Sheep and Wool Production
- Animal Science 417 - Dairy Production
- Animal Science 480 - Environmental Physiology

Research:


- Range and farm flock research directed at increasing ewe productivity. Investigating methods to increase embryonic and neonatal lamb survival.

Other:

- Chair, Department Promotion and Tenure
- Chair, College Promotion and Tenure
- President, Western Section, American Society of Animal Science, 2006-2007
- Coach, Wool Judging Team

Honors and Awards:

- FFA Distinguished Service Award
- Honorary State FFA Degree
- Gamma Sigma Delta - "Distinguished Graduate Teaching/Advisement Award"
- National Association of Colleges and Teachers of Agriculture Teaching Award of Merit
- Western Section, American Society of Animal Science "Distinguished Teacher Award", 2003

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- College of Agriculture/Home Economics "Distinguished Teaching Award" - 2005
 - College of Agriculture/Home Economics "Outstanding Professor" - 2005
 - University of Arkansas, Department of Animal Science, "Graduate of Distinction" - 2006
 - NM Wool Grower's "Amigo Award"

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Ryan Ashley

Title: Assistant Professor of Animal Science

Major Field of Interest: Reproductive Physiology with an emphasis in recognition and maintenance of pregnancy

Education:

- B.S., Animal Science, New Mexico State University, Las Cruces, NM, 1999
- M.S., Animal Science, New Mexico State University, Las Cruces, NM, 2002
- Ph.D., Reproductive Physiology, Colorado State University, Fort Collins, CO, 2007
- Post-doctoral fellow, Colorado State University, Fort Collins, CO, 2007-2010



Courses Taught:

- AnSc 421 – Physiology of Reproduction
- AnSc 602 – Advanced Reproductive Physiology
- AnSc 605 – Gonadal and Uterine Endocrinology

RESEARCH:

Progesterone's actions mediated by membrane receptors and chemokines' effects in early pregnancy. Goal is elucidating the functions of membrane progesterone receptors (MPRs) in normal and compromised pregnancies, as well as their roles in reproductive cancers (ovarian, uterine, and cervical). Study the role of chemokine receptor 4 (CXCR4) and its ligand (CXCL12) during early pregnancy. Current studies are investigating roles of MPRs and the CXCL12/CXCR4 system play during early pregnancy in livestock with an emphasis on development of the placenta.

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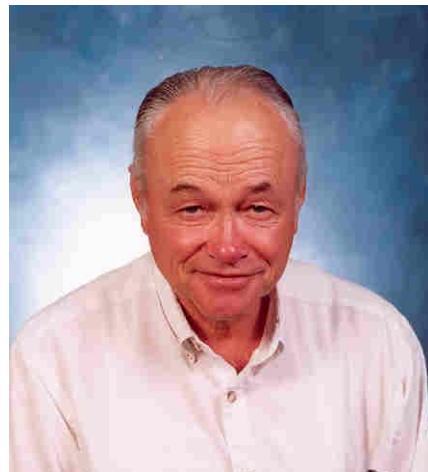
L. Neil Burcham

Title: Associate Professor of Animal Science

Major Field of Interest: Animal Production

Education:

- B.S., Animal Science, Oklahoma State University, Stillwater, Oklahoma, 1963
- M.S., Animal Science, University of Arkansas, Fayetteville, Arkansas, 1971



Courses Taught:

- Animal Science 200 - Introduction to Meat Animal Production
- Animal Science 303 - Livestock Evaluation
- Animal Science 310 - Exhibiting Livestock
- Animal Science 314 - Swine Production
- Animal Science 353 - Advanced Livestock Evaluation
- Animal Science 390 - Internship

Extension: State Swine Specialist (25 percent)

Other: Coach of Livestock Judging Team; Supervisor of Swine Unit and Angus Cattle

Honors and Awards:

- Honorary FFA Degree
- College of Agriculture/Home Economics "Distinguished Teaching Award"
- Donald C. Roush Award for Excellence in Teaching

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John W. Campbell

Title: College Instructor, Judging Team Coordinator

Major Field of Interest: Reproductive Physiology

Education:

- B.S., Animal Science, Texas A&M University, College Station, Texas, 1981
- M.S., Animal Science, Texas A&M University, College Station, Texas 1983
- Ph.D., Reproductive Physiology, New Mexico State University, Las Cruces, NM, 1992

Other:

- 30% - Extension Coordinator of Swine Center Activities

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Gaylene Fasenko

Title: Assistant Professor of Animal Science

Major Field of Interest:

Companion Animals and Human-Animal Interactions (HAI)

Education:

- B.S., Animal Science, University of Alberta, Edmonton, Alberta, Canada, 1989
- M.S., Animal Reproduction, University of Alberta, Edmonton, Alberta, Canada, 1992
- Ph.D., Physiology, North Carolina State University, Raleigh, NC, 1996



Courses Taught:

- Animal Science 112 - Companion Animals in Society
- Animal Science 251 - Companion Animals and the Human-Animal Bond
- Animal Science 285 - Companion Animal Management

Research Interests:

- Evaluating if breed characteristics and stereotypes influence people's choice of dog as a companion animal.
- Other interests include the physiological effects of the human-companion animal bond.
- Physiological and psychological benefits of Animal Assisted Therapy (AAT) and Animal Assisted Activities (AAA)

Other:

- Member of International Society of Anthrozoology (ISAZ)

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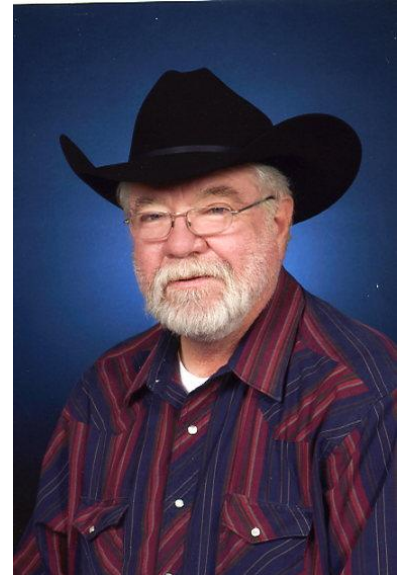
Dennis Hallford

Title: Regents Professor of Animal Science

Major Field of Interest: Reproductive Physiology and Endocrinology

Education:

- B.S., General Agriculture, Tarleton State University, Stephenville, Texas, 1970
- M.S., Animal Science, Oklahoma State University, Stillwater, Oklahoma, 1973
- Ph.D., Animal Breeding/Physiology, Oklahoma State University, Stillwater, Oklahoma, 1975



Courses Taught:

- Animal Science 370 - Anatomy and Physiology of Farm Animals
- Animal Science 504 - Animal Physiology Techniques
- Animal Science 509 - Endocrinology of Domestic Animals
- Animal Science 603 - Cardiovascular and Neural Physiology
- Animal Science 606 - Endocrinology of Pregnancy, Parturition and Lactation

Research:

- Evaluation of endocrine influences on reproductive function in domestic animals. Particular interest is in characterizing endocrine changes before puberty and during the early postpartum period in sheep.

Other:

- Supervisor of West Sheep Unit
- Supervisor of Endocrinology Laboratory
- Chair, Institutional Animal Care and Use Committee
- Chair, Radiation Safety Committee
- Animal Production Division Editor - Journal of Animal Science
- Western Director, American Society of Animal Science 2004 - 2007
- Mentor, Minority Access to Research Careers (MARC) program.

Honors and Awards:

- NMSU Cardinal Key Honor Society "Outstanding Teacher of the Year"
- College of Agriculture/Home Economics "Distinguished Teaching Award"

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- Gamma Sigma Delta "Distinguished Graduate Teaching/Advisement Award"
 - Burlington Northern Foundation Faculty Achievement Award for Excellence in Classroom Teaching
 - Western Section, American Society of Animal Science "Distinguished Teaching Award"
 - Robert L. Westhafer Award for Excellence in Teaching (NMSU highest award)
 - Outstanding Alumni from College of Agriculture at Tarleton State University
 - Who's Who Among American Teachers
 - Donald C. Roush Award for Excellence in Teaching
 - NMSU University Research Council's "Outstanding Researcher" lecture series
 - College of Agriculture/Home Economics "Distinguished Research Award"
 - Western Section, American Society of Animal Science "Distinguished Service Award"
 - Oklahoma State University, Dept. of Animal Science "Advanced Degree Graduate of Distinction"
 - NMSU Regents Professorship
 - College of Agriculture and Home Economics "Outstanding Club Advisor" - 2005
 - New Mexico Wool Growers "Amigo Award"
 - FELLOW - American Society of Animal Science
 - NMSU University Research Council Award for Exceptional Achievement in Creative Scholarly Activity (Distinguished Career Category)
 - College of Agricultural, Consumer and Environmental "Distinguished Service Award"

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Shanna L. Ivey

Title: Associate Professor of Animal Science

Major Field of Interest: Ruminant Nutrition/Rumen Microbiology

Education:

- B.S., Animal Science, New Mexico State University, Las Cruces, New Mexico, 1993
- M.S., Ruminant Nutrition, University of Nebraska, Lincoln, Nebraska, 1995
- Ph.D., Animal Science, New Mexico State University, Las Cruces, New Mexico, 2002



Courses Taught:

- Animal Science 261 - Introduction to Animal Metabolism
- Animal Science 285 - Companion Animal Management
- Animal Science 422 - Animal Nutrition
- Animal Science 560 - Rumen Microbiology

Research:

- Investigation of novel means to assess nitrogen status of ruminants grazing native range. Development of strategies to detoxify plant and environmental toxin with the microbial population of the rumen.

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CLINT A. LÖEST

Title: Associate Professor of Animal Science

Major Field of Interest: Ruminant Nutrition

Education:

- B.S., Animal Science, University of the Orange Free State, Bloemfontein, South Africa, 1993
- M.S., Ruminant Nutrition, University of the Orange Free State, Bloemfontein, South Africa, 1995
- Ph.D., Ruminant Nutrition, Kansas State University, Manhattan, Kansas, 1999



Courses Taught:

- Animal Science 304 - Feeds and Feeding
- Animal Science 501 - Advanced Animal Nutrition
- Animal Science 520 - Advanced Nutritional Management I: Feedlot

Research:

- Byproduct and forage utilization by ruminants.
- Amino acid utilization by cattle and sheep fed forage- and byproduct-based diets.
- Specific interests are in nutrient metabolism of ruminants.

Awards:

- College of Agriculture and Home Economics “Distinguished Teaching Award”
- *Gamma Sigma Delta* “Distinguished Graduate Teaching/Advisor” Award
- Western Section, American Society of Animal Science “Young Scientist Award”

Other:

- Supervisor, Nutrition Laboratory , Chromatography Laboratory
- Safety Officer, Animal and Range Sciences Safety Committee
- Advisor, Animal and Range Sciences' Graduate Student Association
- Mentor, Minority Access to Research Careers (MARC) program.
- Animal and Range Sciences Farm Operations Committee
- Western Section, American Society of Animal Science Paper Competition Committee
- Western Section, American Society of Animal Science Academic Quadrathlon Committee

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- Editorial Board, Journal of Animal Science

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Eric J. Scholljegerdes

Title: Assistant Professor of Animal Science

Major Field of Interest: Ruminant Nutrition

Education:

- B.S. University of Missouri-Columbia, 1998
- M.S. University of Wyoming, 2001
- Ph.D. University of Wyoming, 2005

Courses Taught:

- Animal Science 484 – Ruminant Nutrition
- Animal Science 510 – Range Nutrition Techniques
- Animal Science 515 – Graduate Seminar
- Animal Science 521 – Advanced Nutritional Management II: Cow calf/stocker

Research:

Investigation of strategic supplementation strategies that improve the use of forages by ruminants. Other interests include the development of supplements which provide key nutrients at critical times of the production cycle to improve reproduction and growth.

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Sergio A. Soto-Navarro

Title: Associate Professor of Animal Science

Major Field of Interest: Ruminant Nutrition

Education:

- B.S., Animal Science, Autonomous University of Baja California, Mexicali, Baja California, México, 1989
- M.S., Animal Production Systems, Autonomous University of Baja California, Mexicali, Baja California, México, 1993
- Ph.D., Animal Science with emphasis in Ruminant Nutrition, NMSU, Las Cruces New Mexico, 1999
- Post-Doctorate - Protein Metabolism of Rapidly Growing Goats, Langston University, Langston, Oklahoma, 1999-2002
- Post-Doctorate - Metabolism of Selenium on Rapidly Growing Tissues, North Dakota State University, Fargo, North Dakota, 2002-2004



Courses Taught:

- Animal Science 422 - Animal Nutrition
- Animal Science 512 - Research Methods in Animal Science
- Animal Science 626 - Nutrient Metabolism II: Carbohydrates, Lipids and Energetics

Research:

- Beef cattle nutrition and management; forage utilization.

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Jack D. Thomas

Title: Professor of Animal Science

Major Field of Interest: Meat Science

Education:

- B.S., Animal Science, Oklahoma State University, Stillwater, Oklahoma, 1974
- M.S., Animal Science, Kansas State University, Manhattan, Kansas, 1976
- Ph.D., Food Science, University of Missouri, Columbia, Missouri, 1980



Courses Taught:

- Animal Science 262 - Livestock Slaughter & Processing
- Animal Science 301 - Live Animal and Carcass Evaluation
- Animal Science 303 - Livestock, Meat & Wool Evaluation
- Animal Science 363 - Meat Technology
- Animal Science 351G - Agricultural Animals of the World

Extension:

- State Meat Specialist

Research:


- Microbiology of Confined Animal Feeding Operations along the U.S. and Mexico border

Other:

- Faculty Athletic Representative
- Faculty Advisor to FarmHouse Fraternity

Honors and Awards:

- Ag/Home Week - "Outstanding Teacher Award"
- Collegiate FFA "Teacher of the Year"
- College of Agriculture/Home Economics "Distinguished Teaching Award", 2001
- Donald C. Roush Award for Excellence in Teaching, 2001
- FarmHouse Fraternity - Daryl Snyder Alumni Award for Outstanding Service
- Who's Who Among American Teachers
- Faculty Senate Chair, 2004-2005
- Farm House Fraternity Master Builder Award, 2006

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- College of Agriculture and Home Economics “Outstanding Advisor” Award
 - College of Agriculture, Consumer, and Environmental Sciences “Distinguished Service Award”

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Sarah Veeder

Title: Equine Science Instructor

Major Field of Interest: Horseback riding and therapeutic riding

Education:

- B.S., Animal Science, New Mexico State University, Las Cruces, New Mexico, 2007
- NARHA Certified Registered Level Instructor, Texas Tech University, Lubbock, Texas

Courses Taught:

- AnSc 190 - Western Equitation I (Beginning)
- AnSc 290 - Western Equitation II (Intermediate)
- AnSc 302 - Therapeutic Riding

Other:

- Advisor of NMSU Therapeutic Riding Association

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Laura M. White

Title: Assistant Professor

Major Field of Interest: Pedagogy, Higher order thinking and Equine Nutrition and Growth

Education:

- B.S. Texas A&M University, 2004
- M.S. University of Georgia, 2006
- Ph.D. Clemson University, 2009

Courses Taught:

- Animal Science 103 – Introductory Horse Science
- Animal Science 265 –Horse Evaluation
- Animal Science 289 – Management of Equine Operations
- Animal Science 335 – Advanced Horse Evaluation
- Animal Science 415 – Horse Science and Management

Research:

Investigation of cognition level of instruction and learning styles in Animal Science courses, including exploration of techniques to induce higher order thinking in students. Other interests include efficient utilization of nutrients in the hindgut of the horse.

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Mark E. Wise

Title: Professor of Animal Science

Major Field of Interest: Reproductive Endocrinology

Education:

- B.S., Animal Science, Texas Tech University Lubbock, Texas, 1976
- M.S., Animal Science, Texas Tech University Lubbock, Texas, 1978
- Ph.D., Animal Science, University of Nebraska Lincoln, Nebraska, 1981



Classes Taught:

- Animal Science 421 – Physiology of Reproduction

Other:

- Professional Societies and Honors: American Society Animal Science, Endocrine Society, Society for the Study of Reproduction
- Southwest Center for Health, Food Safety and Biosecurity

Honors and Awards:

- Western Section, American Society of Animal Science "Young Scientist Award"

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