

Summary of Qualifications:

Approachable and outgoing
Infectious passion for animal husbandry
Strong written and oral communication skills
Years of practical and professional experience
Proven success at building programs from the ground up
Generates clear, applicable and obtainable objectives for courses and clinics
Advance degrees emphasizing sciences that relate to beef cattle and horses
Proven success completing practical husbandry as well as research and facilitating formal instruction

Education:

University of Idaho Moscow, Idaho
Doctorate of Philosophy in Animal Physiology
Currently Enrolled
Expected completion: May 2025

Angelo State University: San Angelo, Texas
Master of Science in Animal Science
Completed December, 2018

University of Arkansas: Fayetteville, Arkansas
Masters of Arts in Teaching Agriculture Education
Completed May, 2003

Bachelor of Science in Agriculture Education
Completed May, 2002

Professional Work Experience:

Texas A&M University-Commerce Commerce, Texas
Assistant Professional Faculty: currently appointed

- Provide instruction of Animal Science courses
 - ANS 1319: Animal Science
 - ANS 317: Livestock Management
 - ANS 319: Animal Anatomy and Physiology
 - ANS 412: Beef Cattle Management
 - ANS 419: Diseases and Parasites of Livestock
 - EQSC 342: Equine Nutrition
 - VETT 305/306: Veterinary Anatomy and Physiology I

Buena Vista University

Storm Lake, Iowa

Instructor of Animal Science: 2019-2022

- Provide instruction of Animal Science courses
 - AGSC 200: Animal Science
 - AGSC 300: Animal Physiology
 - AGSC 310: Animal Nutrition
 - AGSC 315: Animal Behavior
 - AGSC 325: Animal Reproduction
 - AGSC 330: Animal Breeding and Genetics
 - AGSC 420: Animal Health and Wellbeing
- Facilitate undergraduate research
 - DeRose, F., H. Coronel, K. Bodisch and L.T. Sullivan. 2022. Correlation between Hair Whorls and Temperament in Equus Caballus. BVU 17th Annual Scholars Day.
 - Miller, A. and L.T. Sullivan. 2022. Evaluation of the Correlation between Horsehair, Body Condition Score and Age in Equus Caballus.
 - Nelson, B., M. Tjaden and L.T. Sullivan. 2021. Factors Contributing to Horsehair Length. BVU 16th Annual Scholars Day.
 - Brown, R. and L.T. Sullivan. 2021. Correlations of Pelvic Measurements to calving ease in first-calf heifer beef cattle. BVU 16th Annual Scholars Day.
- Recruit and advise students enrolled in the animal science program
- Serve as lead faculty of Animal Science
 - Program proposals, curriculum development and HLC assessment
- Advise student organizations and serve on multiple program committees

University of Missouri

Columbia, Missouri

4-H Youth Development Specialist: 2016-2017

- Planning, implementing and evaluating positive youth and volunteer development programs through 4-H Clubs, schools, youth-serving entities, community collaborations, fairs/ exhibitions and camps

Mt. San Antonio College

Walnut, California

Professor of Animal Science: 2014-2016

- Provide instruction of animal science and equine science courses (Animal Science, Animal Handling and Restraint, Animal Nutrition, Animal Breeding, Horse Production, Horse Behavior and Training, Horse Ranch Management, Horse Hoof Care)
- Facilitate operations of the equine program, including but not limited to: daily health checks, feeding, gathering, sorting and implementing vaccination programs; worked with young horses as well as older horses and assisted calving and foaling in times of stress and dystocia
- Recruit and advise students enrolled in the equine science programs
- Establish curriculum and programs of study

University of Arkansas

Fayetteville, Arkansas

Animal Science Program Technician Feedlot/ Stocker Unit: 2013-2014

- Complete research protocols and objectives pertaining to beef cattle research on the University of Arkansas Southwest Research and Extension Center
- Facilitated operations to sustain the health and well-being of cattle utilized in research studies
- Completed methods and procedures as well as data collection of research studies, including epidemiological, immunological, nutritional and behavioral efforts
- Supervise subordinates and conduct general animal husbandry/ production practices: gathering, sorting, flanking, tying, processing calves, administration of vaccination protocols (subcutaneous, intravenous and intra-muscular) and extensive handling and restraint of cattle
- Utilization of lab equipment to analyze forage, soil and fecal samples, including: grinders, ovens, LECO and near-infrared spectroscopy machines

Cal Poly State University

San Luis Obispo, California

Rodeo Coach/ Lecturer: 2012-2013

- 5 College National Finals Rodeo Qualifiers; West Coast Region Reserve Champion Women's Team
- Facilitated all rodeo activities, including: procurement of livestock, feed and health products for animals used in rodeo practice, execution of daily husbandry practices to sustain health of livestock, facilitation of roughstock and timed event practices (picking up bronc riders and bareback riders, loading and turning out roughstock and timed event animals)
- Provided lecture, demonstration, and field exercises for agriculture courses and rodeo activities (provided instruction of Rodeo Techniques course)
- Oversee budget and complete all necessary forms and protocol for allocating funds
- Provide motivational speaking, presentations, to recruit, retain and improve performance

North Arkansas College

Harrison, Arkansas

Agriculture Instructor/ Head Rodeo Coach: 2005-2012

- Fulfilled duties of the lead faculty or the Division Chair of Agriculture
- Developed courses and programs of study in the Division of Agriculture
- Provided instruction for various animal science, equine science, plant and soil science courses
- Obtained grant funding and community sponsors
- Completed course and program assessment
- Oversaw budget and completed all necessary forms and protocol for allocating funds
- Established and advised various student organizations
- Fulfilled the duties of the head rodeo coach for the athletic rodeo team
- Collegiate Farm Bureau State Discussion Meet Speakers 2005-2010
- College National Finals Rodeo Qualifiers 2007, 2009 and 2011

Cochise Community College

Douglas, Arizona

Agriculture Instructor/ Assistant Rodeo Coach: 2004

- Recruiting
- Provided instruction for various agriculture courses
- Conducted practice and procedures of various rodeo activities
- Organized NIRA sanctioned rodeo events
- Grand Canyon Region Champion Men's Team
- College National Finals Rodeo Qualifiers 2004, 2005

Johnson County Westside High School

Coal Hill, Arkansas

Agriculture Instructor/ FFA Advisor: August 2003-June 2004

- Provided instruction for courses within the Agriculture Mechanic, Agriculture Animal and Horticulture Science Strands of the Arkansas Education Curriculum Content Frameworks
- Facilitated and Advised Leadership and Career Development teams

Administrative Appointments**North Arkansas College**

Harrison, Arkansas

Division Chair of Agriculture 2005-2012

- Fulfilled duties of the lead faculty or the Division Chair of Agriculture
- Developed courses and programs of study in the Division of Agriculture
- Obtained grant funding and community sponsors
- Completed course and program assessment
- Oversaw budget and completed all necessary forms and protocol for allocating funds

Practical Work Experience**Cactus Feeders/ Ulysses Feeders**

Ulysses, Kansas

Pen Rider: May 2020- currently

- Complete daily husbandry practices to sustain the health and well-being of cattle
- Utilization and application of stockmanship and horsemanship to ride horse through cattle pens to quiet cattle, detect and pull sick cattle that need medical attention, count cattle and move cattle
- Drive cattle to hospital for the administration of proper vaccination protocol

Simpson Ranch Feedyard

San Angelo, Texas

Pen Rider and Feeder: August 2017-December 2018

- Complete daily husbandry practices to sustain the health and well-being of cattle
- Utilization and application of stockmanship and horsemanship to ride horse through cattle pens to quiet cattle, detect and pull cattle exhibiting clinical symptoms of disease; drive cattle to hospital and administer proper vaccination protocols

GM Feedlot

Butler, Missouri

Pen Rider/ Feeder: August 2016-October 2016

- Pull sick and administer company protocol for vaccinations and treatment
- Gather, sort, doctor and handle cattle
- Operate feed truck, large front-end loader

Dolly Parton's Stampede Show

Branson, Missouri

Equestrian Performer: Spring 1999

- Completed events, finale of the show performance horseback

Publications:

Sullivan, L.T., J.W. Dickison, C.M. Harris, M.W. Salisbury, and C. A. Runyan. 2018. Evaluation of essential oil and injectable trace mineral on bull growth performance and fertility. *Transl. Anim. Sci.* 2:S189–S192 doi: 10.1093/tas/

Sprinkle, J., **L.T. Sullivan**, S. Jensen, M. Ellison, J.B. Hall, C.M. Willmore, J. Sagers, J.V. Yelich, B. Glaze, J. Brennan, R. M. Lewis, J.B. Taylor, B. Murdoch, m.R. Tolleson, P. Clark, M. Robertts-Lew, and J. Lamb. 2024. Unlocking the mysteries of cow and calf grazing behavior on rugged rangeland pastures using GPS and acceleromoter sensor technology. Western Section. American Society of Animal Science. Calagary, Alberta, Canada.

Beck, P., **L.T. Sullivan**, M. Sims, J. Jennings. Reducing Winter Feeding Needs in Southern Arkansas Through the Use of Best Management Grazing Principles. 2014. Joint Annual Meeting (JAM).

Featured News Articles

O'Connell, John. "U of I researches attributes of cattle that thrive on range." *Western Livestock Journal*. Jul 8, 2022. https://www.wlj.net/top_headlines/u-of-i-researches-attributes-of-cattle-that-thrive-on-range/article_775a6b8c-feeec-11ec-8df3-73baa574318a.html

Reports and Presentations:

Sullivan, L.T., S. Jensen, J. England, L.G. Gimenez-Lirola, S. Radke, J.B. Hall, B. Glaze, C. Willmore, J. Brennan, B. Murdoch and J. Sprinkle. 2024. Evaluation of the genetic, physiological and environmental factors influencing grazing behavior of beef cow-calf pairs on early and late summer range in Idaho. University of Idaho. Rinker Rock Creek Ranch Research Webinar.

Jensen, K.S., J. Sprinkle, **L. Sullivan**, Finding the Ideal Cow to Fit Idaho Rangelands. Owyhee County Winter Beef School, Oreana, Idaho. February 5, 2022.

Jensen, K.S., J. Sprinkle, **L. Sullivan**. 2022. Finding the Ideal Cow for Idaho Rangelands. National Association of County Agricultural Agents Western Region Professional Improvement Conference.

Jensen, K.S., J. Sprinkle, **L. Sullivan**. 2022. Finding the Ideal Cow for Idaho Rangelands. National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference.

Sprinkle, J., J. Hall, **L. Sullivan**, S. Jensen, B. Glaze, M. Stegemiller, B. Murdoch. 2022. Maternal Influences Upon Calf Adaptability to Rangeland.

Sprinkle, J., J. Hall, **L. Sullivan**, K.S. Jensen. 2021. Maternal Influences Upon Calf Adaptability to Rangeland.

Jensen, K.S., J. Sprinkle, **L. Sullivan**. 2022. Finding the Ideal Cow for Idaho Rangelands. National Association of County Agricultural Agents Western Region Professional Improvement Conference, Tucson, Arizona

Jensen, K.S., J. Sprinkle, **L. Sullivan**. 2022. Finding the Ideal Cow for Idaho Rangelands. National Association of County Agricultural Agents Annual Meeting and Professional Improvement Conference. West Palm Beach, Florida.

Sullivan, L.T., J.W. Dickison, C.M. Harris, M.W. Salisbury, and C. A. Runyan. 2018. Evaluation of essential oil and injectable trace mineral on bull growth performance and fertility. American Society of Animal Science; Western Section. June 19-21, 2018. Bend, Oregon

DeRose, F., H. Coronel, K. Bodisch and **L.T. Sullivan**. 2022. Correlation between Hair Whorls and Temperament in Equus Caballus. BVU 17th Annual Scholars Day.

Miller, A. and **L.T. Sullivan**. 2022. Evaluation of the Correlation between Horsehair, Body Condition Score and Age in Equus Caballus.

Nelson, B., M. Tjaden and **L.T. Sullivan**. 2021. Factors Contributing to Horsehair Length. BVU 16th Annual Scholars Day.

Brown, R. and **L.T. Sullivan**. 2021. Correlations of Pelvic Measurements to calving ease in first-calf heifer beef cattle. BVU 16th Annual Scholars Day.

Grants Awarded

Sprinkle, J., **L. Sullivan**, S. Jensen, J. Hall, B. Glaze, M. Stegemiller, B. Murdoch. Finding the Ideal Cow for Rangeland Sustainability: Nature or Nurture? Mary Turner Gift Fund, 2023, \$5,000

Sprinkle, J., J. Hall, **L. Sullivan**, S. Jensen, B. Glaze, C. Wilmore, M. Stegemiller, B. Murdoch. Maternal Influences Upon Calf Adaptability to Rangeland. David Little Foundation, 2022, \$7,000.

Sprinkle, J., J. Hall, **L. Sullivan**, S. Jensen. Maternal Influences Upon Calf Adaptability to Rangeland. University of Idaho Rangeland Center, 2021, \$2,000.

Sprinkle, J., J. Hall, **L. Sullivan**, S. Jensen. Maternal Influences Upon Calf Adaptability to Rangeland. David Little Foundation, 2021, \$2,000.

Certifications:

American Registry of Professional Animal Scientists; Horses 2019-indefinitely
American Registry of Professional Animal Scientists; Beef Cattle 2019-indefinitely
Arkansas State Teacher's License 2003-2010, 2017-2021

Elected Positions:

Lee A. Sharp Range Resource Scholarship 2024-2025
Hopkins and Rains County Farm Bureau Board of Directors 2022-current
Buena Vista County Extension Council 2019-2022
United States Cattlemen's Association Washington, D.C. Representative
Boone County Cattlemen's Association President 2012
Boone County Cattlemen's Association Board of Directors 2006-2012
Boone County Farm Bureau Member 1997-2012

Honors, Memberships and Awards:

American Society of Animal Science 2017-2018
Angelo State University Graduate Research Assistantship 2017-2018
National Intercollegiate Rodeo Association 2000, 2001, 2004-2013
University of Arkansas Alumni/ Alpha Tau Alpha 2002-2003
Alpha Tau Alpha Honorary scholarship for the University of Arkansas 2002
North Arkansas College Pioneer Scholarship 1998
Arkansas State Beef Production Proficiency Silver Emblem 1997 and 1998
Ozark Junior Rodeo Association Finalist 1998
Arkansas Teenage Rodeo Association Finalist 1997