

# Audrey Meyer

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## Education

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Master of Science                      Angelo State University                      December 2017

- Animal Science
- Thesis Title: The Effects of Semen Thaw Procedures on Artificial Insemination Success Rate in First Calf Females
- Course focus: Beef Cattle Science, Advance Ruminant Nutrition, Grazing Management

Bachelor of Science                      Oklahoma State University                      May 2015

- Animal Science with emphasis in Beef Cattle Production
- Course focus: Seedstock, Applied Animal Nutrition, Cow Calf Management

## Work Experience

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Agricultural Instructor, Agriculture LLC Coordinator                      January 2018 – Present  
Angelo State University                      San Angelo, Texas

- Specialist Graduate Faculty Member
- Instruct Principles of Animal Science, Sheep and Goat Science, Principles of Animal Nutrition, Livestock Practicum, Animal Nutrition and Feeding, Animal Reproduction
- Manage activities associated with AG LLC
- Developed scholarship for AG LLC
- Assist in managing ASU Show Cattle
- Coordinate with potential employers for career fair
- Organize activities for the AG picnic
- Co-Advisor for Block and Bridle
- Co-Advisor for Pre-Vet Association
- Coordinated AI Certification Course for students

Graduate Research Assistant                      August 2015 - Present  
Angelo State University                      San Angelo, Texas

- Assisted in teaching labs for Meat and Carcass Evaluation, Introduction to Meat Science and Muscle Biology, Beef Cattle Science, Ruminant Nutrition and Introduction to Animal Science
- Presented Career Opportunities in Agriculture to High School Students for HSI Grant
- Coached 2017 and 2016 Meat Animal Evaluation Teams
- Coached 2016 Meat Judging Team
  - 3<sup>rd</sup> Place Team at 2016 International Intercollegiate Meat Judging Contest

- 7<sup>th</sup> High Individual
  - High Team Beef Judging, 3<sup>rd</sup> High Team Overall Beef
  - 5<sup>th</sup> High Team Lamb Judging
  - 3<sup>rd</sup> High Team Placings
  - 4<sup>th</sup> High Team Reasons
- 6<sup>th</sup> Place Team at 2016 High Plains Intercollegiate Meat Judging Contest
  - 3<sup>rd</sup> and 9<sup>th</sup> High Individuals
  - High Team Beef Judging
  - 3<sup>rd</sup> High Team Pork Judging
  - 2<sup>nd</sup> High Team Placings
- 5<sup>th</sup> Place Team at 2016 American Royal Intercollegiate Meat Judging Contest
  - 8<sup>th</sup> and 9<sup>th</sup> High Individuals, 2<sup>nd</sup> and 4<sup>th</sup> High Alternates
  - 3<sup>rd</sup> High Team Beef Judging
  - High Team Lamb Judging
  - 3<sup>rd</sup> High Team Pork Judging
  - 4<sup>th</sup> High Team Reasons
- 4<sup>th</sup> Place Team at 2016 Eastern National Intercollegiate Meat Judging Contest
  - 4<sup>th</sup> and 6<sup>th</sup> High Individuals, High Alternate
  - 2<sup>nd</sup> High Team Beef Grading
  - 4<sup>th</sup> High Team Beef Judging
  - 4<sup>th</sup> High Team Overall Beef
  - 5<sup>th</sup> High Team Lamb Judging
  - 5<sup>th</sup> High Team Reasons
- Responsible for assisting in data collection for Meat Lab and Ranch research
- Assisted in daily ranch operations
- Selected and culled livestock
- Procured livestock for meat lab

#### Grant Proposals/Funding

- Arzate, I. and A. Zoeller. 2019. The Effects of Trace Mineral Administration on Embryo Transfer Success Rates in Recipient Angus Cows. Graduate Student Research Fellowship Program.
- McGinnis, A. and A. Meyer. 2021. THE EFFECTS OF BREED HETEROZYGOSITY ON KIDDING PERFORMANCE AND SUBSEQUENT REPRODUCTIVE SUCCESS IN GOATS

#### Graduate Committees

- Arzate, I. and A. Zoeller. 2019. The Effects of Trace Mineral Administration on Embryo Transfer Success Rates in Recipient Angus Cows. Graduate Student Research Fellowship Program.

- McGinnis, A. C. Runyan, C. Owens and A. Meyer. 2021. THE EFFECTS OF BREED HETEROZYGOSITY ON KIDDING PERFORMANCE AND SUBSEQUENT REPRODUCTIVE SUCCESS IN GOATS
- Lockhoof, T., C. Runyan, A. Meyer and C. Owens. 2021. ASSESSMENT OF FOOT SCORE TRAITS ON BULL PRODUCTIVITY.

#### Research Assistance

- Savannah Clay
  - Effects of Corn or Corn By-products Fed as Pre-breeding Supplement on Body Weight and Pregnancy of Rambouillet Ewes
- Kylee Werland
  - Prevalence and Antimicrobial Susceptibility of *E. coli* and *Salmonella* spp. In Market Show Hogs and Cattle
- Lexus Weinheimer;
  - Comparison of Sensory Characteristics, Fatty Acid Profiles, Proximate Analysis, and Shelf-life Stability of Akaushi Beef, Commodity Prime Beef, and Top Choice Branded Beef

#### Roberts Ranch of Oklahoma

Summer 2015

- Analyzed semen samples for fertility
- Collected semen samples from boars
- Ultra-sounded sows at 21 days to determine pregnancy
- Artificially inseminated sows
- Administered shots daily
- Docked piglet tails, vaccinated and tagged

#### Still Waters Ranch

Summer 2014

- Maintained records for mature does and corresponding fawns
- Responsible for tagging, tattooing, vaccinating and pulling DNA samples from fawns in a timely fashion
- Facilitated maintaining fences and spraying brush
- Assisted in acquiring Wagyu embryos to start Wagyu herd

## Involvement

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#### Concho Valley Cattlewomen

- Vice President

#### Kendall County 4-H Veterinary Science Program

- Provide hands on demonstration for 4-H students

- Courses include: Cattle Reproduction, Genetics of Livestock, Weaning Calves and Preparing for Transport

#### San Angelo Stock Show and Rodeo

- Junior Charolais Heifer Show Superintendent
- Livestock Judging Contest Superintendent
- Junior Angus Heifer Committee Member
- Livestock Judging Committee Member

#### Angelo State University

- Member of Meat and Food Science Association
- Assisted in Hosting 2016 Reciprocal Meat Conference
- Helped to organize 2016 and 2017 CDE Contests

#### Oklahoma State University

- Member of 2015 National Champion Meat Animal Evaluation Team
- High Individual Overall Beef Evaluation 2015 Meat Animal Evaluation Contest
- High Individual Meat Evaluation 2015 Meat Animal Evaluation Contest
- Member of 2014 National Champion Meat Judging Team
  - 3<sup>rd</sup> High Individual at 2014 International Intercollegiate Meat Judging Contest
  - 3<sup>rd</sup> High Individual Beef Judging at 2014 International Intercollegiate Meat Judging Contest
  - 2<sup>nd</sup> High Individual Lamb Judging at 2014 International Intercollegiate Meat Judging Contest
  - 5<sup>th</sup> High Individual Overall Beef at 2014 International Intercollegiate Meat Judging Contest
  - 2<sup>nd</sup> High Individual Placings at 2014 International Intercollegiate Meat Judging Contest
  - 3<sup>rd</sup> High Individual Reasons at 2014 International Intercollegiate Meat Judging Contest
  - 5<sup>th</sup> High Individual at 2014 High Plains Intercollegiate Meat Judging Contest
  - 2<sup>nd</sup> High Individual Overall Beef at 2014 High Plains Intercollegiate Meat Judging Contest
  - 5<sup>th</sup> High Individual Pork Judging 2014 High Plains Intercollegiate Meat Judging Contest
  - 3<sup>rd</sup> High Individual Reasons at 2014 High Plains Intercollegiate Meat Judging Contest
  - High Individual Lamb Judging American Royal Intercollegiate Meat Judging Contest
  - High Individual Pork Judging American Royal Intercollegiate Meat Judging Contest
  - High Individual Reasons American Royal Intercollegiate Meat Judging Contest

- 2014 All American Meat Judger
- 2014 – 2015 Block and Bridle Ag Representative
  - Attended department meetings and reported back to club
- 2013 – 2014 Block and Bridle Bonanza Chairman
  - Responsible for acquiring facilities, judges, sponsors etc. for annual cattle show
  - Delegated and supervised committees

#### Kendall County Junior Livestock Show

- Coordinated steer and heifer weigh in
- Consolidated entries and sorted classes
- Headed buyer signature forms
- Involved in creating livestock judging contest for 4-H and FFA members
- Scored and announced awards

#### Judging Experience

- Committee member for 2016 – 2018 National Meat Animal Evaluation Contests
- Showmanship judge for 2017, 2018 San Angelo Livestock Show Junior Angus and ORB Heifer Shows
- Showmanship judge for 2017, 2018 Coke County Livestock Show

#### Scholarships and Awards

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- Outstanding Graduate Student
- Senior Leadership Award
- Carr Graduate Scholarship
- Hill Country Chapter of Women’s Auxiliary to Texas Sheep and Goat Raisers Association Scholarship
- Non-Resident Achievement Scholarship
- Meat Science Association Scholarship

#### Other Training

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- International Embryo Transfer School
  - Certified Embryologist
- ReproScan Bovine Ultrasonography