

Melissa Ann Genetti

Education:

Sul Ross State University, Alpine, Texas

Expected Graduation Date: May 2012

Masters of Science in Animal Science, Concentration in Equine Reproduction

- Graduate level coursework, including Advanced Equine Reproduction, Equine Physiology, Endocrinology, Advanced Animal Nutrition, and Biostatistical Analysis.
- Working in the Equine Reproduction Lab of SRSU, practicing and teaching stallion collection, semen analysis, mare estrus management, and artificial insemination, skills include: A.V. preparation, handling and collecting stallions, use of different extenders, microscope semen analysis, early pregnancy detection, assisting in ultrasound set up and interpreting images.
- Guest Lecturer in Veterinary technician course on equine care and management; developing ranch horse team for University; mentoring undergrad and graduate students on basic horse training. Assisting in Graduate research project on standard exercise test for horses on treadmill including; training horses on treadmill, looking at clinical reference ranges of serum during exercise.

Texas Tech University, Lubbock, Texas

Graduation Date: May 2010

Bachelors of Animal Science, Concentration in Animal Production

Certification in Equine Science

- Undergraduate coursework and hands on labs, including Reproductive Physiology, Animal Genetics, Feeds and Feeding, Animal Diseases, Principals of Nutrition.
- Equine Science Certificate, including hands-on training and in-depth equine classes enhanced preparation for a competitive career within the horse industry. Courses included Introductory Horse Management, Equine Feeding, Exercise Management and Horse Reproduction.
- Competed with Texas Tech Ranch Horse Team 2007-2010, Texas Tech Horse Judging Team 2008, Collegiate Horseman's Club 2007-2010.

Colorado State University, Fort Collins, Colorado

Completion Date: Jan. 2011

Certification in 2010-2011 Equine Reproduction Course Series

- **Equine Reproductive Management and Artificial Insemination**, subjects covered include hormonal relationships and fertility; semen collection and evaluation; techniques of artificial insemination; factors affecting sperm production; training a stallion to a phantom; hormonal control of the estrous cycle and pregnancy; care of the pregnant, foaling, and postpartum mare; routine care, diseases, and nutrition of the newborn foal; care of orphan foal.
- **Foaling and Care of the Newborn Foal**, subjects covered training in techniques to predict foaling, use of labor alert devices, evaluation of colostrum quality, assessment of passive transfer of antibodies, proper on-farm methods to assist with delivery of foals
- **Techniques for Handling and Utilizing Transported Cooled Equine Spermatozoa**
- **Techniques for Handling and Utilizing Frozen Equine Spermatozoa**

Semex

Certification in Cattle Artificial Insemination and Palpation

Completion Date: May 2010

- Reproduction techniques for cattle, AI course included: use of AI equipment, frozen semen handling and artificial insemination techniques on live cattle.
 - Palpation course included: transrectal palpation of pregnant cattle for detection of pregnancy and differentiation between first, second and third trimester gestation periods.
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Relevant Work Experience:

Nine Point Mesa Ranch, Alpine, Texas

Ranch Work and Secretary

May 2010- Present

- Supervision of horses, including nutritional program, scheduling feeding, vet, and farrier care, training horses for ranch versatility performance, and coordinating horse acquisition and sales.
- Main office secretary responsibilities, including liaison between West Texas ranch and Houston based offices, managing tax forms, liability waivers, new employee information, time sheets, and reimbursement and check request forms.

Alisal Ranch, Solvang, California

Mar. 2006-Aug. 2007

Horse Ranch Assistant

- Assistant managed a 120 horse operation, including nutritional program, doctoring injured horses, implementing and recording treatment plans, vaccinations, farrier care, and gave riding lessons to all levels of riders.
- Conducted horse purchasing and sales and examined horses for blemishes and/or soundness problems, evaluated overall health, and any behavioral issues prior to purchase.
- Trained new staff members safe and assertive handling, preventive care, evaluating vital signs, recognizing illness and treating colic, worked with vets to implement treatment plans.
- Rode multiple horses on a daily basis and trained horses for a variety of disciplines.

Rossol Cutting Horses, Los Olivos, California

Nov. 2005-May 2006

Assistant Trainer

- Worked alongside AQHA judge and Cutting horse trainer, implemented training for maximum performance and ability.
- Assisted in the training and care of 22 Cutting horses including; grooming, warm up prior to training, maintenance training on older show horses, starting 2 year olds and introduction to cow work, washing and wrapping and ensuring all horses were healthy and in superb condition.
- Traveled to Cutting horse shows and futurities, loading and hauling trailers, daily care and management, loping all horses and making certain that all horses were in optimal condition for showing success.

Westfall Cutting Horses, Los Olivos, California

July 1998-Dec. 2002

Horse Care Assistant and Rider

- Assisted in the training of performance horses; Responsible for maintaining horses optimal physical condition with daily exercise, increasing their ability to respond to rider's cues, and implemented a well-balanced nutritional program.
- Worked with cattle, including loading and shipping of fresh cattle, receiving and sorting cattle into appropriate pens, feeding, and medical care of cattle.

Related Skills:

Member of the Texas Tech University Ranch Horse Team 2007 to 2009

Texas Tech University Collegiate Horseman Club 2007 to 2009

Texas Tech Horse Judging Team Fall 2008

Member of the AQHA, APHA, NCHA, ASHA, and SHOT

Competitive in Equine Disciplines including; AQHA Ranch Versatility, Stock Horse of Texas, Cutting, Barrel Racing, Western Pleasure and Trail, Jumpers, Hunter Under Saddle