

## **Alyssa Oates**

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### **EDUCATION**

#### **New Mexico State University, Las Cruces, NM**

May 2018

Masters of Science in Animal Science  
Concentration in Equine Nutrition  
Overall GPA 3.75

#### **Kansas State University, Manhattan, KS**

May 2016

Bachelor of Science in Agriculture  
Major: Animal Sciences and Industry, Production and Management Option  
Equine Certificate  
GPA 3.58

### **AGRICULTURE WORK EXPERIENCE**

#### **Agriculture Instructor/ Horse Judging Coach, Clarendon College**

August 2018-Present

#### **Training and Equine Management Intern, Voge Quarter Horses**

May 2018- August 2018

- Breaking sale yearlings for ground work, lounging, and show preparation
- Daily health and feed care for horses of numerous ages and working stages
- Monitoring pasture conditions and running farm machinery

#### **Graduate and Research Assistant, New Mexico State University**

August 2016-May 2018

- Manage Riding and Therapeutic Riding horses
- Therapeutic Riding Instructor, organize clients and lessons
- Conduct research in nutrition and reproduction
- Teach lectures and labs in equine reproduction, horse handling, equine nutrition, and first aid
- Assist in Horse Judging Team development and performance.

#### **Assistant Manager, Liv-A-Dream Equestrian Center**

May-July 2016

- Perform daily barn care, including stall cleaning, feeding, pasture turnouts
- Contribute to maintenance of tack and pastures
- Managing new horses as they arrive at the barn
- Exercise client horses

#### **Riding Instructor and Counselor, Windridge Tennis and Sports Camp**

May-July 2014

- Coached and formed riding lesson plans for campers of various skill-levels
- Managed a barn of 26 lesson ponies and horses on a day to day basis
- Formulated dietary plans for each horse based on their daily needs
- Collaborated and directed camper evening activities

#### **Trail Wrangler and Stable Hand, Happy Trails Horseback Riding**

June-August 2012

- Aided in the training and desensitizing of new horses to the riding program
- Led trail rides of inexperienced riders
- Daily care of horses, including first aid and general health care

### **OTHER WORK EXPERIENCE**

#### **IT Assistant, WEMS, Piketon Nuclear Power Plant**

May-August 2015

#### **KONZA Club Volleyball Coach, Manhattan, KS**

Spring 2013, 2014, 2016

#### **IT Intern, Ross County Juvenile and Probation Court, Chillicothe, OH**

May -August 2013

## **LEADERSHIP**

- NMSU Horsemen's Association Graduate Advisor 2016-present
- NMSU Therapeutic Riding Instructor 2017-2018
- NMSU Graduate Student Association Activity Coordinator 2017-present
- KSU Agriculture Peer Mentor 2013-2014
- KONZA Volleyball Team Coach 2013, 2014, 2016
- KSU Club Volleyball Team
  - Co-President 2014-2015
  - Treasurer 2013-2014

## **AWARDS**

- Kansas State University Honors Scholarship
- All American Youth Show Scholarship 2012
- Ross County Horsemen of the Year, 2008-2013

## **TEACHING**

### **Teaching Assistant**

- Beginner horse training
- Lead review sessions for equine science, management, and animal nutrition classes
- Organized labs in:
  - Breeds and colors
  - Horse handling and safety
  - Leg wraps
  - Horse health and vital signs
  - Vaccinations and health exams
  - Equine breeding methods
  - Mare parturition signs and foal care
  - Biomechanics
  - Exercise physiology

### **Instruction Taught**

- Protein digestion in monogastrics and ruminants
- Major nutrients and feeding techniques
- Colors and breeds of horses
- Equine exercise physiology
- Mare and stallion reproductive anatomy
- Parturition preparation and signs
- Mare and foal management
- Health and vaccinations
- Judging western riding and hunter hack classes

### **Projects Organized**

- Undergraduate Foaling project
- Instructional Horse Care Video
- Farm Management Plan

## **RESEARCH**

### **Projects**

- Arginine Supplementation to Late Gestation Mares
- Arginine and Glutamine Maternal Supplementation Effects on Weanling Growth
- Digestibility of Chaffhaye vs Alfalfa

## **Abstracts**

- Oates, A., D. S. Gaskins, A. A. Hansen, R. L. Steiner, E. J. Scholljegerdes, L. M. White. 2018. Effects of maternal arginine supplementation to late gestation mares on foal growth and metabolic parameters. ASAS Journal. Accepted.
- Oates, A., L. White, and A. Hansen. 2018. The effects of participation in undergraduate research on soft skills and career plans. NACTA Journal. Accepted
- L. White. 2017. A short-term based study abroad: Career skills gained and student perception of communicating the experience. NACTA Journal 60: Supp. 1.

## **HORSE JUDGING**

- Judged Southern New Mexico State Fair Horse Futurity
- Officiated and listened to reasons at the 2017 and 2018 National Western Stock Show 4-H Horse Classic
- Officiated and listened to reasons at the 2016 and 2017 New Mexico State 4-H Contest
- Officiated and listened to reasons at the 2017 New Mexico State FFA Contest
- Organized classes and program for the NMSU 2017 Horse Judging Camp
- Listened to and critiqued verbal reasons
- Coached and listened to the 2016 NMSU Judging team at AQHA World show
- Judged local shows in Ohio, Kansas and New Mexico
- Judged the Salina County Fair, Kansas 2015
- 2015 NCHA Reserve Champion Judging Team and top 5 individual
- 2014 World Show top 10 individual
- 2014 Quarter Horse Congress Champion Team Member, 2<sup>nd</sup> Individual in reasons, 3<sup>rd</sup> individual in Halter

## **OTHER EQUINE EXPERIENCE**

- Faculty led equine industry tour through Germany and Austria, August 2015
- Competed in the AQHA in Hunter Under Saddle, Equitation, and Horsemanship, showed at the All American Quarter Horse Congress and All American Youth Horse Show
- 16 years of Riding Experience/Showing