

Hannah Bilovesky

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Education

- ❖ New Mexico State University
Candidate for Doctor of Philosophy, Animal Science
Emphasis Reproductive Physiology
January 2021 - present
Advisors: Dr. Ryan Ashley and Dr. Jennifer Gifford-Hernandez
Dissertation: in progress
- ❖ West Texas A&M University
Masters of Science, Animal Science
June 2014 - December 2016
Advisors: Dr. Lance Baker, Dr. John Richeson, and Dr. John Pipkin
Thesis: Effect of probiotic administration on diarrhea incidence, severity, and the fecal microbiome in neonatal foals.
- ❖ New Mexico State University
Masters of Agriculture, Domestic Animal Biology (*transferred*)
August 2013 - June 2014
Advisor: Dr. Ryan Ashley
Worked in the Reproductive Physiology lab assisting with ongoing projects focused in two areas: progesterone's actions mediated by membrane receptors and chemokines' effects in early pregnancy and breast cancer.
- ❖ New Mexico State University
Bachelors of Science, Animal Science (*Pre-Veterinary option*)
August 2009 - May 2013
Minors: Equine Science and Chemistry

Teaching Experience

- College Instructor, Animal and Range Sciences
New Mexico State University – Las Cruces, NM
August 2017 - present
Courses Taught:
ANSC 1160, Introduction to Equine Science
ANSC 1130, Western Equitation I
ANSC 2130, Western Equitation II
ANSC 308, Equine Evaluation
ANSC 383, Equine Reproductive Management
Summer Camp Program for 7-13-year old's

Teaching Experience (Continued)

- Graduate Assistant, Equine Program **June 2014 - December 2016**
West Texas A&M University -Canyon, TX
Courses Assistant Taught: ANSC 1178, Horsemanship I
ANSC 1274, Western Horsemanship
ANSC 1275, English Riding and Jumping
ANSC 2374, Equine Industry & Care of Horses
ANSC 2377, Equine Behavior Modification
ANSC 4370, Equine Science and Production

Professional Experience

- Director of Therapeutic Riding **October 2019 – present**
New Mexico State University – Las Cruces, NM
 - Teach and coordinate lessons for clients with disabilities
 - Organize and train student volunteers
 - Plan fundraising events and communication with University stakeholders and donors
 - Maintain care and health of University horses and facility
- Animal Health / Equine Specialist **January 2017 - June 2018**
Horse N Hound Feed N Supply – Las Cruces, NM
 - Animal health product buying and inventory
 - Customer service
 - Health and nutrition consulting small and large animal
 - Outside sales farm calls
- Horse Center Office Manager **June 2014 - December 2016**
West Texas A&M University - Canyon, TX
 - Managed the care and records of 50 University horses
 - Coordinated 20 stall student and faculty boarding barn and contracts
 - Organized facility rental, events and activities for outreach events.
 - Organized and managed IHSA horse shows, 4-H and collegiate judging seminars, and an international horsemanship conference.
- Graduate Student
Reproductive Physiology Lab Assistant **August 2013 - June 2014**
New Mexico State University- Las Cruces, NM
 - Make lab stock solutions, clean glassware, maintain organization of laboratory supplies.
 - Culture cells.
- Therapeutic Riding Association Volunteer Trainer **August 2012 - August 2013**
New Mexico State University - Las Cruces, NM
 - Taught new volunteers' proper protocol for assisting clients with disabilities.
 - Ran a two-hour training session going through the basics of how to properly groom and tack horses, as well as how to interact with a client with disabilities.

- Observation and Research Intern **July 2012**
 Royal (Dick) Veterinary School- Edinburgh, Scotland
 - Assisted anesthesiology department with surgery preparation and recovery for small and large animals.
 - Observed daily surgeries, monitored dogs, cats, birds, and horses during surgery, dental, x-ray, and radiology procedures.
- Student Sporthorse Intern **May 2010 - August 2010**
 Virginia Tech University M.A.R.E Center- Middleburg, Virginia
 - Responsible for daily horse care and management, reproductive management, foaling, preparing and exhibiting young stock in USDF Sporthorse Breeding classes.
 - Assisted faculty and graduate students with ongoing research projects.
 - Handled and trained young horses.

Institutional Service/ Continuing Education

- Equestrian Team Coach **2021 – Present**
 - Established IHSA Equestrian team program for students to learn and compete in western and hunt seat events.
- Advisor NMSU Horsemen’s Association
 - Advise student with equine programs and events.
 - Student mentorship
- Sustaining Member NMSU Teaching Academy
 - 2021**
 - Small Teaching Online: Strategies to Help Students Engage and Learn
 - Engage Students Online Using Zoom and Canvas
 - 2020**
 - Adobe Connect LTI in Canvas
 - Audio and Video in Canvas
 - Canvas Studio Basics
 - OCIP: Strategies for Teaching Online
 - 2019**
 - Writing Across the Curriculum Seminar
 - Introduction to Private Funding
 - The Quiz Tool in Canvas
 - 2018**
 - Teaching a Creative, Interactive First Day
 - Teaching and Learning STEM
 - Adjunct Discussion Group: How to Better Support Adjuncts on Campus
- Certified Therapeutic Riding Instructor (CTRI) **Currently in Progress 2020**
 Professional Association of Therapeutic Horsemanship International
 - CTRI is a credential for individuals in the equine-assisted activities and therapies (EAAT) profession who provide riding instruction and therapeutic value to people with disabilities.

- Board of Directors (3yr term), Vice President (2020 & 2021) **January 2019 - Present**
Southwest Quarter Horse Association –Las Cruces, NM
 - The Board of Directors work collectively to carry out the purposes of the association.
 - Responsibilities include leading committees, running association events, and attending monthly meetings.
- New Mexico 4-H Horse School **June 2018 & 2019**
New Mexico State Cooperative Extension Service – Albuquerque, NM
 - As a 4-H horse school instructor I instructed 4-H members throughout the week-long clinic in different horsemanship topics and lessons to improve skills in Western and English riding
- Certified Horsemanship Association Certification Clinic **May 13 -17, 2018**
West Texas A&M University- Canyon, TX
 - Certified as Master Instructor: Level 4 English with Jumping and Level 4 Western
 - Recommended as Assistant Clinic Instructor
- Purina Equine Science 101 **August 8 - 10, 2017**
Purina Animal Nutrition Center – Gray Summit, MO
- Athletic Community Service **2011 - 2014**
New Mexico State University – Las Cruces, NM
 - As a student athlete I served 80+ hours of community service with many different organizations throughout the Las Cruces community.
- Therapeutic Riding Volunteer **2009 - 2013**
New Mexico State University- Las Cruces, NM
 - Volunteered twice a week for 2 hours at a time to assist as a side walker and horse handle to improve the balance, coordination, focus, confidence, and motor skills of children and adults.
 - Helped to promote the goal of the club on campus and throughout the community.
 - Organized many fundraiser events as well as fun day horse shows for our clients.

Professional Memberships

- ❖ Southwest Quarter Horse Association
- ❖ American Quarter Horse Association
- ❖ Certified Horsemanship Association
- ❖ Professional Association of Therapeutic Horsemanship International
- ❖ United States Equestrian Federation
- ❖ Intercollegiate Horse Show Association Coach

Publications

H.C. Swarthout, L.A. Baker, J.T. Richeson, J. Zhao, and G. Veneklassen. 2017. Effect of probiotic administration on diarrhea incidence, severity, and the fecal microbiome in neonatal foals. *Journal of Equine Veterinary Science*. 52:83.