**Meaghan J. Threadgill**

College Station, Texas 77845

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**SUMMARY** Degrees in Animal Science, with concentrated experience inhealth and management of horses, and Public Health. Undergraduate research experience in basic science, equine nutrition, and infectious disease labs. Experience working full time with Texas A&M Agrilife Extension Service. 15+ years of experience in the equine industry including competing in hunters, jumpers, equitation, and eventing.

**EDUCATION**

*2014-2016* University of Wisconsin at Madison

 Animal Science major, GPA 3.35

*2016-2018* Texas A&M University

 B.S. Animal Science, GPA 3.48

 Equine Certificate

Spanish minor

2020 St. George’s University

 Doctor of Veterinary Medicine (withdrew first term)

 Decided to change career path to public health

*2020-2022* St. George’s University

Master of Public Health

**AWARDS**

*Academics*

*2015, spring* University of Wisconsin, Dean’s List

*2017, spring* Texas A&M University, Distinguished Student List

*2018, spring* Texas A&M University, Dean’s Honor Roll

*Athletics*

*2015* University of Wisconsin Equestrian Team, Most Dedicated Freshman Award

*Certifications* Certified Food Manager/FPM, and Servsafe proctor, CPR/AED certified

**EMPLOYMENT**

*2/2023-present* Farm help at Birdsong Farms V4

*Responsibilities*: Assist with daily farm maintenance, care of horses and cattle, mare & foal handlings; shadow reproductive procedures including stallion collection, ultrasound palpations, AI, and embryo transfer

*7/2021-1/2022* Texas A&M AgriLife Extension, Brazos County

 Assistant FCH agent

*Responsibilities:* Helped with programs including nutrition, physical activity, childcare, gardening, and passenger safety. Attended professional development meetings. Assisted with Family and Community Health related 4-H events. Attended FCH and Equine committee meetings.

*1/2018-5/2019* Marden Animal Clinic/Leaning Oaks Farm, Bryan, TX

 *Responsibilities:* Care and feeding horses.

*1/2019-5/2019* Marden Animal Clinic/Leaning Oaks Farm, Bryan, TX

 *Responsibilities:* Patient intake and scheduling, assisted clients, and helped in the mixed practice clinic.

*5/2017-8/2017* Student worker on project to prevent *Strep. equi* infection in foals using PNAG

Dr. Noah Cohen, Texas A&M College of Veterinary Medicine & Biomedical Sciences, College Station, TX

*Responsibilities:* Assisted with respiratory tract scoping; halter broke yearlings used in study; cared for equines in study; learned how to prepare and run ELISA assays; grew bacterial cultures of *R. equi*; and autoclaved and sterilized instruments.

*5/2016-8/2016* Student worker providing general lab support for Bornavirus Immunology Laboratory

Dr. Ian Tizard, Texas A&M College of Veterinary Medicine & Biomedical Sciences, College Station, TX

*Responsibilities*: Prepared protein gels; provided enrichment for monk parakeet research study birds; shopped for bird feed and cage accessories; autoclaved biohazard trash; and cleaned and disinfected lab surfaces.

**RESEARCH**

*12/2016-5/2017* Undergraduate student researcher on equine exercise physiology study

Dr. Sarah White and Dr. Christine Latham, Texas A&M College of Agriculture and Life Sciences, College Station, TX

*Responsibilities*: Helped care for aged horses as well as yearlings; learned various lab techniques and how to test muscle biopsies; practiced drawing blood from the jugular vein; and cared for equines in study (feeding, water, etc.).

*2015-2016* Undergraduate student researcher on Rett syndrome project

Dr. Qiang Chang, University of Wisconsin Waisman Center, Madison, WI

*Responsibilities*: Performed molecular cloning of a neuronal expression construct including plasmid construction; DNA isolation and restriction enzyme digestions; ran PCR gels, and transfections into neurons.

*2014-2015* Undergraduate student researcher on retrospective equine colic study

Dr. Sabrina Brounts, University of Wisconsin College of Veterinary Medicine, Madison, WI

*Responsibilities*: Extracted clinic records and organized excel sheets with data.

**Experience**

*8/2018-5/2019* Marden Animal Clinic, Bryan, TX (8 hours/week)

 *Activities:* Observation and assisting in a mixed animal practice.

*5/2015-8/2015* Texas A&M Equine Theriogenology Program (120 hours)

Dr. Dickson Varner, Texas A&M College of Veterinary Medicine & Biomedical Sciences, College Station, TX

*Activities*: Observed clinics, mare ultrasounds, stallion collections, and goat uterine resections; and learned to use flow cytometer.

*12/2014-1/2015* VIDA Veterinary Program mixed animal practice, Costa Rica and Nicaragua (80 hours)

*Activities:* Monitored vital signs; performed body condition scoring; participated in case study meetings with veterinarians; and practiced proper humane restraint of dogs and cats.

*6/2013-8/2013* Texas Equine Hospital, Bryan, TX (80 hours)

*Activities:* Observed surgeries and general appointments; and assisted with patients when needed.

*2/2023* Texas A&M AgriLife Extension, Online

 Equine reproduction short Course

 Mare and Foal workshop

**VOLUNTEER** (> 200 hours)

*2/2023-4/2023* Assistant trainer at Titanium Training Stables: taught beginner horse riding lessons

*2/2022-4/2022*Courtney Care’s Therapeutic Riding Volunteer

*8/2017-12/2017* TAMU Small Animal Hospital: translated client forms from English into Spanish.

*6/2012-8/2012* Camp Counselor at the NC Therapeutic Riding Center:led horses during riding lessons and monitored campers during activities.

**ATHLETICS**

*2016-2018* Texas A&M Eventing Team

*2014-2016* University of Wisconsin-Madison Equestrian Team

**LEADERSHIP**

*2015-2016* IHSA Wisconsin Equestrian Show Co-chair

*2015-2016* Hoofer Riding Club Fundraising Coordinator