

Brooke Caitlin Harris

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Education

M.S., Agricultural Science, August 2016

Texas A&M University - Commerce, Commerce, TX

Thesis: *Equine Physiological Responses to Competitive Barrel Racing*

Emphasis: Animal Science, *Equine Exercise Physiological*

B.S., Animal Science, December 2013

Oklahoma State University, Stillwater, OK

Emphasis: Animal Biotechnology

A.S. Applied Sciences, Horse training and Management, May 2011

Lamar Community College, (LCC) - Lamar, CO

Research Experience

Researcher, August 2015

Texas A&M University – Commerce, Commerce, TX

- Conducted research on competitive barrel racing horses to evaluate exercise and stress levels in an at home environment, compared to a competitive environment
- Evaluated the exercise and stress levels in two different groups of horses, comparing young inexperienced horses to seasoned open horses

Research Assistant, December 2014

Texas A&M University – Commerce, Commerce, TX

- Conducted research on cows and calves to evaluate estrogen and progesterone concentrations in a modified breeding protocol with calf separation
- Evaluated the stress levels of calves during the temporary separation from dam

Equine Industry Experience

Equine Center Supervisor January 2015 – Current

Texas A&M University - Commerce

- Oversee and direct all activities held on the equine center
- Assist faculty with class and research needs
- Oversee daily horse heard health and care
- Supervise student workers
- Maintain all records pertaining to equine health, breeding, registration and sales
- Maintain Equine Center facility
- Oversee and direct all breeding and foaling of mares
- Direct any training of school horses outside of classes
- Founder and Coach of Equestrian Club and Intercollegiate Teams (Dressage, IHSA and Stock Horse)
- Horse Judging Team Coach

Horse Trainer, August 2011 – July 2014

Noble Acre Farms Stillwater, OK

- Train and Show dressage and Hunter/Jumper horses
- Coach students
- Supervised grooms
- Billing for clients
- Budgeted show and training expenses for season

Equine Research Assistant March 2012 – December 2013

OSU Equine Athletic Performance Lab Stillwater, OK

- Assist with equine exercise related research testing glycogen levels and EIPH
- Feed and exercise horses while maintain the facility for heard health

Sales Intern September 2012, January 2013

6666 Ranch Heritage Place Fall and Winter Horse Sales

- Contributed to sales preparation by haltering and holding horses for the groomers
- Presented horses to potential buyers

Assistant Trainer May 2011 – August 2011

Anderson Reining Stables Wilsall, MT

- Saddle, Groom and Warm up Show Horses and exercise client horses
- Show client horses and 3 year olds
- Ride/Start 2 year olds Coach Non Pro Students
- Assist in all reproduction needs

Assistant Trainer, March 2009 – August 2010

Sommer Set Farms, Longmont, CO

- Ride assigned dressage horses

- Managed all billing for clients
- Supervised grooms and barn crew

Assistant Barn Manager, January 2007 – August 2010

Pleasant Ridge Farm, Conifer, CO

- Assist in daily maintenance
- Schedule vet and farrier needs
- Supervise farm workers
- Manage all broodmares
- Responsible for book keeping and billing

Additional Work Experience

Sales and Marketing Intern, January 2014 – January 2015

Cargill Animal Nutrition, Oklahoma City, OK

- Sales and education of Nutrena feed products
- Developed a nation market share map
- Analyzed national market mapping system
- Go to Market team member

Graduate Course Work to date

ANS 511-Advanced Reproductive Physiology (3 credit hours), fall 2014

ANS 512-Endocrinology of Domestic Animals (3 credit hours), fall 2014

AG 532-Scientific Methodology in Agricultural Research (3 credit hours), spring 2015

AG 597 -Statistical Methods in Agriculture (3 credit hours), spring 2015

EQSC 323 - Equine Anatomy and Physiology (3 credit hours), fall 2015

EQSC 342 Equine Nutrition Spring (3 credit hours), spring 2016

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