June 28, 2017

Congratulations!

American Meat Science Association
Reciprocal Meats Conference

Our meat scientists have been busy at the Reciprocal Meats Conference in College Station, TX this week. Dr. Eric Berg received the AMSA Signal Service Award, was named a Fellow of the Society, and was elected President-Elect! Congratulations, Dr. Berg! (Photo credits to Dr. Rex Sun)

Ogdahl Presents Poster at AMSA RMC

Billy Ogdal presented a poster entitled “Prediction of beef tenderness using image texture features” at the AMSA RMC Conference on June 21 at Texas A&M University in College Station, TX. The abstract was a collaboration of Billy Ogdahl and Rex Sun.

Blaine Novak Receives Award

Blaine Novak had a big day on June 14th! He successfully defended his thesis (way to go!!), and received accolades for his teaching, too! Blaine was named a North American College Teachers of Agriculture (NACTA) Outstanding Graduate Teaching Award winner. Blaine taught a section of ANSC 261, Basic Equitation/Horsemanship during the Fall 2016 semester. David Buchanan, Associate Dean for the CAFSNR
presented the award.

2017 National Columbia Sheep Show & Sale

NDSU 16153, National Champion Production Ewe, was sold in Spencer, Iowa. Follow the link below for all of the 2017 National Columbia Show Results.

2017 Results

Western Section - American Society of Animal Science

2017

Western Section Applied Animal Science Paper Award: Matt Crouse - 1st Place
Western Section Undergraduate Poster Competition: Nathaniel Greseth - 1st Place
Western Section ASAS M.S. Young Scholar: Matt Crouse
4-H Extension Youth Conference 2017
2017 A.D. Building the Foundations of Leadership

North Dakota 4-H students grades 8-12 were on NDSU's campus June 19-22, 2017. They took a tour of downtown, met with North Dakota 4-H State Ambassadors, and took part in service learning opportunities. They also had a chance to visit the Animal Sciences department--specifically the Swine Research Unit, BCRC, and ANPC. Trent, Terry, Gregg, and a number of other ANSC department members, were on hand to give tours and demonstrations, as well as answer any questions the students may have had.
North Dakota State FFA Convention held June 5-9, 2017

Upwards of 1200 North Dakota FFA students were on campus for the annual state convention in early June. The milk judging competition was held in Hultz Hall. Students had a chance to visit the BCRC, NDSU Dairy, and the ANPC.
Defense Seminars

Blaine Novak

The use of subjective and objective methods of behavioral evaluation in swine and dairy cattle
(June 14, 2017)

Jeng-Hung (Leo) Liu

Computer vision systems as a tool to estimate pork marbling
(June 12, 2017)
Upcoming Events

Amelia Tanner Defense
Amelia Tanner will be speaking on the topic of Winter feeding strategies: Implications of corn supplementation on gestating beef cows on Wednesday, July 5, 2017, in Hultz Hall 104. The defense seminar begins at 9:00 am.

Evan Knutson Defense
Evan Knutson will be speaking on The Effects of Vitamin A restriction on marbling and adipogenic gene expression in beef cattle on Thursday, July 6, 2017, in Hultz Hall 104. The defense begins at 9:00 am.

ANSC Out and About
Dr. Lardy, Offering Support Both On and Off Campus!

Dr. Lardy and his wife were on hand to volunteer and support runners at the inaugural Fargo Brewing Company 5k (hosted by SoleMotion) in early June. Thanks, Lexie, for the photo share!

Spotlight On...NDSU Equine Assisted Activities and Therapies

(Thank you, Erika, for the write-up, and for leading this amazing program!)
NDSU Equine Assisted Activities and Therapies Wrap-Up

What an incredible end to the first 8-week NDSU Equine Assisted Activities and Therapies (EAAT) summer program! This program provided experiential teaching opportunities to Therapeutic Horsemanship minor students and a unique service to residents in the Fargo-Moorhead and surrounding communities, with three riders driving from Grand Forks to participate. We are currently brainstorming to fit fall and spring programming into the busy arena schedule at the NDSU Equine Center to meet the needs of students in the Therapeutic Horsemanship minor and continue to provide EAAT services of exceptional quality to our community members.

Many thanks to the entire Equine Science group for their support. Special thanks to Shannon Eck for jumping in whenever she was needed, and to the Equine Center student workers for keeping the arena watered and dug. Below is a summary of participants, volunteers and NDSU students who made this program possible.

• 24 individuals ranging in age from 6 to 50 years participated in weekly adapted therapeutic riding lessons while gaining strength, improving their balance, and socializing with one another, the volunteers and instructors
• 33 volunteers from NDSU, Concordia College, and the Fargo-Moorhead community gave 280.5 hours of their time to support adapted therapeutic riding participants valued at $6,771.27 (hourly value of volunteer time at $24.14 https://www.nationalservice.gov/vcla)
• Therapeutic Horsemanship minor student instructors Nicole Horn, Amy Juhnke, Angie Norwig, Hannah Swenson, and Caryn Meindl taught 72 hours of lessons
• EAAT intern Hannah Swenson put in countless hours preparing horses, organizing schedules, and putting together training materials

• 2 occupational therapists (Valerie Stevenson and Katie Havelka) and 2 physical therapists (Tara Haj and Shannon Buckmeier) from Beyond Boundaries Therapy Services provided weekly OT and PT services using equine movement (hippotherapy) to 16 children

• 12 physical therapy students from the University of Jamestown Doctor of Physical Therapy program volunteered 190.5 hours of their time to gain valuable knowledge about their discipline and support hippotherapy clients valued at $4,598.67

Of course none of this would have been possible without the extraordinary therapy horses and their owners. A special thank you to Connie Benjaminson, mom to Equine Science alumni Jenna Benjaminson, for allowing Smurf and Holly to stay through June and be a part of this inaugural program. Thanks also to Hannah Swenson, Mickey’s owner.

• Bronco a 25 year old dun Quarter Horse gelding
• Holly a 25 year old sorrel Appaloosa mare
• Littlefoot a 22 year old bay Pony of the Americas gelding
• Mickey a 10 year old Haflinger gelding
• Pepper a 12 year old brown Hanoverian mare
• Pippi a 7 year old sorrel Quarter Horse mare
• Smurf a 9 year old bay Quarter Horse mare

There are many incredible improvements each participant made during their time on the back of a horse this summer, but a few gems stand out:

• One of the older riders who is non-verbal has an iPad that her staff is working to implement so she can readily communicate her every day wants and needs that many of us take for granted. Four commands (whoa, walk-on, turn left, or turn right) were added so she could instruct her horse during lessons. She went from randomly pressing commands, to purposely and correctly instructing her horse for 75% of the lesson. This can be used to lay the foundation for her to communicate outside the arena.

• One little rider was initially so fearful to ride that his body was shaking and he cried out for his mom. After just 15 minutes on the horse, he did not want to get down.

• A parent reported that her son was able to keep his body and emotions under control for 6 hours after just one 30-minute hippotherapy session. He had never been able to do that before.

Keep an eye for more amazing stories as this program continues to develop and grow, and remember we are always looking for volunteers J