

UPCOMING EVENTS

- ◆ FFA– STATE
4.26.18
- ◆ FFA-NATIONAL
5.10.18

DEAN'S CORNER**A MESSAGE FROM DEAN DAMRON**

COAES Honors Celebration. Our first-ever Honors Celebration was a fantastic success. Thanks to the Honors Committee of Brant Poe (chair), David Frazier, Jolena Waddell, Lea Ann Kinman, Paula McKeehan, Michelle Damerau, and Lisa Tuck. They planned and executed a wonderful event. They worked tirelessly and put on a wonderful event. They also had a good number of people helping them. COAES Ambassadors Michelle Cooper, Logan Wolkow, Preston Cummings, and EB Hall provided great assistance in several ways during the day, including making quite an impression on our guests. Ms. McKeehan's Advanced Meal Management students, Alesha Diduch, Tracie Thurman, Kimberly Whitley and Blaine Peters helped put on a flawless VIP Luncheon. Crissa Nugen and Callie Faul created beautiful flower arrangements for the tables and the ballroom. Dr. Kinman's students Zoe Goldburg and Courtney Shetters helped prepare the incredible prime rib for the VIP Luncheon. Dr. Atchley once again provided the PA system and made sure it worked. Many others contributed in one way or the other. All who helped are very much appreciated. We also appreciate those in attendance. Spring is very busy and it can be hard to carve out one additional thing to do. By giving your time to be in attendance, you paid the highest level of respect to our honorees. Thank you. We hope to see you next year to help celebrate success.

Updates on our building projects:

Animal and Plant Center: We have entered the phase of the building process where we work with the architects and construction manager to set the details of the new facilities. The architect selected for the project is Stantec. The next few weeks will be extraordinarily busy. We are still on track regarding the very accelerated schedule needed to make this project happen.

Ag Center Equipment Shop and Storage. This project has made progress but not as much as we would like. We have been able to view 95% complete plans for the building and are waiting for changes that we requested to be incorporated. Bidding is next.

Livestock Center Reconstruction. Good progress is being made on this structure. In a few weeks it should be finished.

Hold on to your hats! The best is yet to come!

WSD



2018 COAES HONORS VIP LUNCHEON AND RECEPTION

Tarleton's College of Agricultural and Environmental Sciences hosted the 2018 COAES Awards. Awards were given to outstanding students, faculty & staff, alumni, and friends of the College of Agricultural and Environmental Sciences. COAES student organizations and teams were also recognized for their outstanding achievements during the 2017 - 2018 school year.





HONORS HONORS





Dean's Circle Award
James and Patricia Morgan



Service Award
Norman H. Mullin



Rising Star Award
Ryan Best



Trailblazer Award
Dr. Sandy Graham



Alumni Achievement
Award
Dr. Andy Herring



Alumni Achievement
Award
Dr. Allan Stahnke



Alumni Achievement
Award
Mr. Michael R. Chandler



Lifetime Achievement
Award
Charles W. Stenholm

O.A. Grant Teaching
Award
Dr. David Frazier



Engaged Faculty
Award
Dr. Lea Ann Kinman

Barry B. Thompson
Service Award
Dr. Donald McGahan



Faculty Excellence in Student
Success Award
Dr. Chandra Andrew



Outstanding Junior
Faculty Award
Dr. Curtis Langley

Enhancing the Student
Experience Award
Ms. Kay McAfee



Ag & C
Outstanding Under-
graduate Fall 2017
Klayton Hoff

ASVT
Outstanding Under-
graduate Summer
2017
C. Jace Lane



ASVT
Outstanding Undergraduate Fall
2017
James Redwine



WSES Outstanding
Undergraduate
Fall 2017
Kelton Mote

WSES Outstanding
Graduate
2018
Kailee Modesto



Ag & C Outstanding
Graduate Student
2018
Dakotah Williams

ASVT NACTA
Graduate Student
Teaching Award
Leila Venzor



Ag & C NACTA
Graduate Student Teaching
Award
Matthew Boerner

WSES AND SERVICE DAY 2018

The WSES department partnered with Communications to offer six service day activities. The first session started in the garden. About 25 students from a variety of majors were led by WSES students Daniel Wilcox and Graduate Assistant Hunter Gilliam. The group turned the soil, weeded, built a trellis, planted seeds and painted a composting bin. Dr. Hennen Cummings and his students provided two educational sessions on Aquaponics, one with a mobile unit on campus and one at the Agriculture Center.

Paula McKeehan's Meal Management students provided hands in cooking sessions in Traditions North for students of all majors. Recipes included a tuna quinoa patties fresh vegetable chicken stir-fry and herb dip and herb infused olive oil.

The communications studies and environmental communications students participated by attending one or more sessions, creating blogs, press releases and spreading the word about the sustainable teaching garden and passing out seeds at Beans and Franks, Tractor Supply and Barefoot Market. The Communications department also broadcast a live radio program from the garden and are creating a video about the event.





SERVICE
DAY 2018



The Waddell Research Group

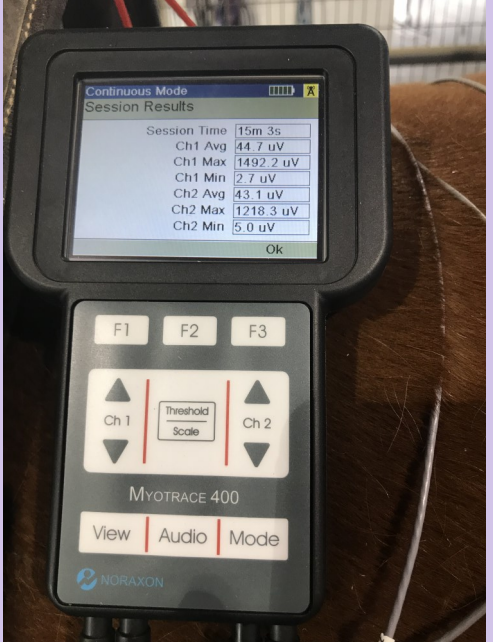
The Waddell research group is getting excited about some weird stuff lately. The interdisciplinary research team including Jared John (grad student for ACRS), Kristen McDaniel (grad student for ACRS), and animal science undergraduates Sierra Long and Taylor Karr, are working on mapping genetic mutations in sheep and goats. Texas has more sheep and goats than any other state in the nation, and with lots of numbers, you are bound to see some strange things. Jared and Sierra's project is focusing on cleft palate, which is occurring mostly in Boer goats. They are performing a candidate gene study, since we know some of the causative genes for cleft palate in other species. Kristen's project investigates agnathia, which is the lack of a bottom jaw, mostly in hair sheep. This will be a genome-wide scan because we currently have no indication what gene might be related to this issue.

Because of the large number of sheep and goats in the area and the great potential for discovery, Dr. Waddell is working towards becoming an official contact for producers when something strange pops up in their flock. She is currently assembling a team across the country to create a defect registry. If you or someone you know has sheep or goats, let them know that we are always willing to take specimens to study, which will hopefully lead to marker tests and elimination of deleterious traits in the future. Also let her know if you want to be part of the team! You can reach her at Jwaddell@tarleton.edu.



ASVT FOALING CLASS

The undergraduate research project is evaluating the effects of the level (depth) of bedding (shavings) in the stalls on the horses' behavior and balance.



Students are monitoring muscle activity via electromyography, and keeping stalls at the appropriate treatment level





The foaling class is a very hands on and watches the mares each night during the foaling season, provides immediate care after delivery and monitors the mare and foal post foaling. The student who ends up helping the mare foal, gets to name it. This one is the first foal of the year, and her name is Cherokee.

Happy Birthday



2018 INVITATIONAL CONTEST

THANKS and CONGRATULATIONS on another GREAT effort in hosting the largest contest ever----9501 contestants entered along with almost 10000 Ag Science instructors from 479 schools!

Wow!!!! The rest of the State is in owe that we can do something like this! It is possible only through the hard work of our Ag faculty, staff and hundreds of our students working together to make it happen!

Several events hit “all-time” record participation levels this year while several others seemed to have peaked 7-10 years ago but came within a few contestants of reaching that record level of participation again this year! That tells us we are doing something right and all the Thanks goes to you in the trenches!

We appreciate the help we received from The College of Business and their faculty, Texas Lone Star Ag Credit, the Stephenville Tourism and Visitors board, Stephenville City Park, the Texas National Guard Armory personnel as well as Mr. Barry Cooper, Mr Dennis Ellebracht, Mr. Glen Rode, Mr. Joe Ray Burkett, Mr. Ernie Eckert, Ms. Sarah Robinson, Ms. Tina Smith, Mr. Austin Large and Ms. Tricia Sullivan with Texas FFA as well as Clay, Russell and Alyssa Ewell with JudgingCard. I am aware that many of you also reached out to individuals to borrow animals, serve as judges and consultants and otherwise assist in your events. Thanks to each for what you did to make this a successful experience for all of our visitors.

It truly takes everyone to keep an event of this size a quality educational experience and we have the Greatest people of any University each making your individual area run smoothly!

Thanks so much and let’s do it again on April the 18th for the multi Area qualification event where we are expecting over 5000 participants in 16 different events from nine of the 10 FFA areas in the State.

Stay tuned for more information as we get closer to the Area event!

Michelle & Ted

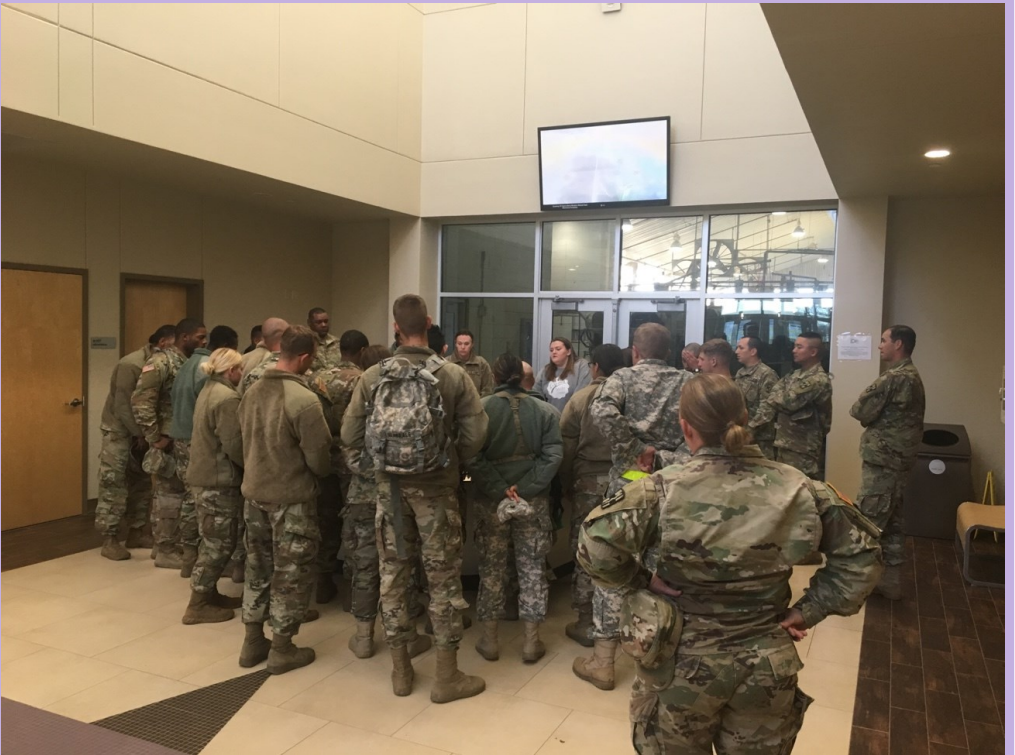
PUBLICATIONS

On many instances, Tarleton faculty continue to collaborate with students long after they graduate. Ms. Huijun (Rachel) Li was a Masters student of Dr. Mark Yu who graduated in August 2014. Recently, she collaborated with Dr. Yu and Dr. Edward Osei on a publication related to her MSc. thesis. The manuscript was submitted to *Sustainability*, and was published in March:

Li, Huijun, Jianhua Zhang, Edward Osei, and Mark Yu. 2018. "Sustainable Development of China’s Industrial Economy: An Empirical Study of the Period 2001–2011," *Sustainability*, MDPI, Open Access Journal, vol. 10(3), pages 1-18, March 2018. Available at <http://www.mdpi.com/2071-1050/10/3/764/pdf>

This publication ensures that Ms. Li can now graduate with her PhD from Huazhong University of Science and Technology in China. Ms. Li is currently an assistant professor of economics in Victoria College’s main campus in Victoria, Texas.

DAIRY NEWS



The Dairy gave a tour to the 43D Medical Detachment, Veterinary Service and Support (MDVSS) from Fort Hood.

They come to the dairy every year and use the tour as a training experience for their food inspectors and veterinary technicians.



HIKING WITH WSES



Dr. James Muir and several of our Graduate Students (Danielle Belleny, Hunter Gilliam, Katherine Hood, Roze Shipman, and Leo Herzberger) hiked into Yarbrough Pass on North Padre National Seashore and camped out for two nights this past weekend. They caught lots of red and black drum and also kayaked the intercostal Laguna Madre. Thanks to Danielle Belleny for the picture of the pickle weed, which is amazing!



STUDENT SPOTLIGHT



Taylor Garcia is a native resident of West Columbia, TX. Taylor attended Texas A&M University where he earned a Bachelor of Science degree in Animal Science, with honors (Magna Cum Laude).

Currently, Taylor is pursuing a Master of Science degree at Tarleton State University. Taylor has performed various experiments evaluating estrus synchronization protocols and laparoscopic insemination in small ruminants, assisted with fertility trials in hemospermia and *in vitro* sperm evaluation. Taylor has also completed an internship at the Texas A&M AgriLife Research and Extension Center at Overton, TX under the tutelage of Dr. Ron Randel.

Through this internship, Taylor performed experiments and analyzed data on cell-mediated and antibody-mediated immune response in weaned Brahman calves, as well as ovarian follicular dynamics using 3-D ultrasonography in Brahman cows and heifers. Currently in progress, his research, under the leadership of Dr. Brandon Smith, focuses on alternative uses for ruminal by-products from commercial abattoirs (“Reduce Reuse ReRUMEN”), as well as assisting in directing the work of undergraduate research on popcorn waste, coffee waste, newspaper waste, and discarded coffee cups and sleeves as a potential fiber and energy source for ruminant animals.

Additionally, Taylor is assisting in evaluating the effect of shaving bedding level on lower limb physiology of equids. He is an active member of the American Society of Animal Science, has been acknowledged as a 2nd place researcher in the Southern Section Undergraduate Presentation Competition, and has chaired sessions at the Southern Section meetings.

Way to go Taylor

Do you have a student you would like to spotlight?

DO YOU KNOW WHO THIS IS?



It's a little blurry...but if you think you know which COAES faculty/staff this is. Then come see me in the Deans office and if you are correct you will win a little prize!

First person who guesses correctly wins!

WIN A PRIZE TIME



*Live for the
moments you
can't put into
words*