



Professor awarded Fulbright Senior Scholarship



New Mexico State University animal science professor

Dr. Derek Bailey, was recently awarded a Fulbright Senior Scholarship.

The Fulbright program offers U.S. citizens and nationals of other countries grants for university lecturing and advanced research. Fulbright Scholars are selected for their leadership potential and their teaching and research abilities.

During the Spring 2017 semester,

Dr. Bailey will spend four months in Australia at University of New England which is located in Armidale, New South Wales.

Dr. Bailey will work with Dr. Mark Trotter on multiple research projects. The goal of this research is to identify livestock behaviors that may be associated with disease, welfare and grazing distribution patterns.

The two professors hypothesize that behaviors that occur when livestock are watering may be useful for predicting when they are becoming ill. Studies with sheep and cattle will test this hypothesis.

Monitoring livestock welfare is difficult in extensive rangeland pas-

tures, and this proposed research will be an integral part of the development of information and diagnostic software needed to remotely determine when animal welfare is compromised so that management can readily respond.

In addition to their leadership and research abilities, Fulbright Scholars are expected to learn the customs, history and culture of their host country and share knowledge of the United States with colleagues and people of the host country.

The Fulbright Senior Scholarship provides funding for Dr. Bailey's travel to Australia, plus a monthly living allowance stipend.

MARK YOUR CALENDARS!



Plan on attending the **Sam Steel Reception** for the departments graduates on Friday, May 13, at 1:30 p.m. in the Livestock Judging Pavilion.

At 3 p.m., the Sam Steel Ceremony will commence in the Atkinson Recital Hall. This is a great opportunity to visit with graduating students and their families.



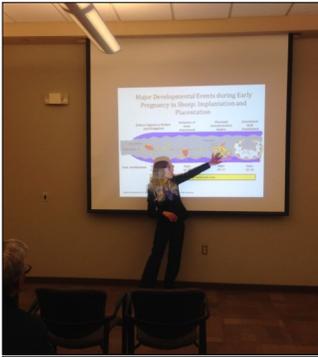
The retirement party for **Dr. Dennis and Marilyn Hallford** will be June 4 at the Las Cruces Convention Center. Please contact **Dr. Shanna Ivey** by May 20 if you plan on attending the event.

PUBLICATIONS

Stephenson, Mitch B., Derek W. Bailey, Larry D. Howery, and Leticia Henderson, 2016. Efficacy of low-stress herding and low-moisture block to target cattle grazing locations on New Mexico rangelands. *Journal of Arid Environments* 130, 84-93.

Stephenson, Mitch B., Derek W. Bailey, and Delyn Jensen. 2016. Association patterns of visually-observed cattle on Montana, USA foothill rangelands. *Applied Animal Behavior Science* 178: 7-15.

PRESENTATIONS AND RECOGNITION



Kelsey Quinn

Ph.D. graduate research and teaching assistant **Kelsey Quinn** recently received the Alumni Association Outstanding Ph.D. Graduate Award for New Mexico State University.

Quinn also attended the Shared Knowledge Conference on April 11, at the University of New Mexico. She competed in a three-minute elevator speech challenge and an oral presentation. Quinn's elevator speech was entitled "How to Save a Life: Investigating Pregnancy Loss," and her oral presentation was titled "Determining Mechanisms Related to Early Embryonic Survival."

On April 15, Quinn presented a poster for the NMSU Graduate Research and Arts Symposium.

Dr. Gaylene Fasenko, associate professor, companion animals, was invited to speak at the Spring Salon Discovery speaker series on Thursday, April 14.

This speaker series is hosted by Provost Howard's office and showcases award winning faculty speaking in their area of expertise.

Dr. Fasenko's talk was entitled "Bond. Dog Bond The evolution of and science behind the human-dog relationship."



Dr. Gaylene Fasenko

Also in attendance during the speeches were Chancellor Car-ruthers, Provost Howard and Deputy Provost Fant. The talks were live-streamed on Panopto and filmed by NMSU's Creative Media Institute students.

For more information, visit <http://salondiscovery.nmsu.edu>.

At the Plains Nutrition Conference in April, NMSU Animal and Range Science students participated in the Graduate Poster Competition. **Eben Oosthuysen**



Dr. Clint Loest, Kendall Samuelson and Eben Oosthuysen

won first place and **Kendall Samuelson** won second place.

The Department of Animal and Range Sciences would like to congratulate **Dr.**

Ryan Ashley as he has been promoted on Associate Professor with tenure.

Ashley was also awarded the NACTA Teaching Award from the ACES Award Selection Committee.



Dr. Ryan Ashley

Ranch Horse Team brings home awards from April competitions

April was a busy month for the NMSU Ranch Horse Team. In preparation for the national competition, the team traveled to Bosque Farms on April 9, and then to Sweetwater, Texas, on April 16 and 17.

The preparation paid off, as the team placed fourth overall at the American Stock Horse

Association National Collegiate Championship Show, which was held April 22 and 23 in Sweetwater. Team mem-



Left to Right: Haylee Lavoie, Jacquie Best, Lily Woodall, Joby Priest, Shelby Siegenthaler, Myelia Mott and Braiden Clement

Haylee Lavoie. The team is coached by **Joby Priest.**

Individually, Jacquie Best placed seventh overall in the Non-Pro division and Myelia Mott placed seventh overall in the Limited Non-Pro division.

The team also won the People's Choice award for the stick-

horse decorating contest. members include **Jacquie Best, Lily Woodall, Myelia Mott, Shelby Siegenthaler, Braiden Clement** and

Academic Quadrathlon Team earns recognition at Western Section

Four NMSU Animal and Range Science undergraduate students traveled to Chico, California, and competed in the Western Section of the American Society of Animal Science Regional Academic Quadrathlon.

Josiah Brooks, Brian Roberts, Larisa Estrada and Tiffany Fowler represented the department and won second place in the competition.

The competition has four events: written exams, oral presentations, lab practicums and ends in a double-elimination quiz bowl. Written exams can be on any subject from companion ani-



Left to Right: Josiah Brooks, Brian Roberts, Coach Stacia Prosser, Larisa Estrada and Tiffany Fowler

mals to ruminant nutrition, and in the lab practicum, the students are expected to have a wide variety of skills including milking a cow and identifying native range grasses.

In the oral presentation, the NMSU students explained the use of technology in modern farming to judges posing as concerned members of the public wondering where their food comes from—a pertinent topic for today's animal scientists.

The students were coached by Graduate Assistant **Stacia Prosser**, and **Dr. Sergio Soto-Navarro** is the advisor.

Calling all dog owners-be part of a research project!

Belle Castro, a masters graduate student in Animal and Range Science, is conducting an online research survey asking current or previous dog owners what kind of emotions they think their dogs can express.

Research in the field of human-animal interaction has only been conducted for 30 years. Academics are striving to understand what makes the relationship and bond between dogs and people unique. Researchers once thought that dogs were too domesticat-

ed to be studied. A few pioneers such as Dr. Adam Miklosi, a Hungarian cognitive scientist, have expanded the human-animal interaction field of study.

Miklosi's studies suggest that dogs can read people's body language and humans can understand dog's body language because we have similar behaviors and expressions. Emotion is a universal form of non-verbal communication; however, there has been very little research investigating what body language is used to express emotions in

dogs.

Dog owners interested in participating can use the link below or email Castro at castroc@nmsu.edu for more information. The survey takes approximately 30 minutes, and it can be filled out several times for different dogs who are currently or formerly part of a person's household. The survey will be available until May 13, 2016, 11:59 p.m. (MST).

Dogs and Emotions Research Survey
Link: <https://goo.gl/CpQ31C>

NMSU Horse Judging Team travels to Texas for Spring Contest

The NMSU horse judging team traveled to Gainesville, Texas, and competed in the Collegiate Spring Horse Judging Contest on April 19.

Team members included **Bryce Bitsie**, **Catherine Provost**, **Jocelyn Gutierrez**, **Kristen Yazzie** and **Cheyenne Maese**. The team had an impressive outing, taking home the Reserve Champion Limited Team award.

Gutierrez was third overall high individual, Provost was sixth overall high individual and Bitsie was 13th overall high individual. Maese and Yazzie also finished in the top 30.



Left to right: Coach Kayla Wells, Jocelyn Gutierrez, Catherine Provost, Kristen Yazzie, Bryce Bitsie, Cheyenne Maese and Coach Dr. Laura White

New undergraduate minor offered through the Department of Animal and Range Sciences

Undergraduate students not majoring in animal science may now receive a minor in Human Animal Interaction (HAI) through the department of ANRS. The field of HAI is very interdisciplinary, and students pursuing careers in early childhood education, human health and wellness and criminal justice may be interested in completing this minor if they plan on incorporating companion animals, primarily dogs, cats and horses, into their careers.

Currently, students in degree programs outside ANRS do not receive formal extensive training in the behavior, training and uses of companion animals in these fields.

The addition of the HAI minor now allows NMSU students a higher level of training and expertise than without. Students who obtain this minor will have employment and career advantages. New innovative uses of companion animals in the hospitality and tourism industry are another reason for the incorporation of this minor.

For more information, contact **Dr. Gaylene Fasenko** at gfasenko@nmsu.edu.