



## College of ACES faculty travel to Chile for seminar

During Spring Break, faculty and staff from the College of ACES at NMSU traveled to Chile to attend the 18th Seminar on Water Resources and Environmental Management.

The seminar was held at the University of Concepcion (U of C) in Chile, and was hosted by Chilean collaborator, Dr. Jose Luis



**Pictured left to right: Carlos Ochoa, Jose Luis Arumi, Andres Cibils, Robert Sabie, Jesus Gomez-Velez, Brian Hurd, Steve Guldán, Sam Fernald, John Wilson and Jesslyn Ratliff.**

Arumi, Dean of the College of Agricultural Engineering at the U of C.

Those attending the seminar from NMSU include **Sam Fernald** (ANRS-NM WRR), **Jesslyn Ratliff** (NM WRR), **Robert Sabie** (NM WRR), **Steve Guldán** (PES-Alcalde Science Center), **Brian Hurd** (AEAB) and **Andres Cibils** (ANRS).

See **CHILE**, page 3

## Graduate Research Awards announced for 2016 and 2017

The New Mexico State Agricultural Experiment Station recently announced the recipients of their graduate research awards.

Of the 47 proposals AES received, 13 were granted funding. Faculty in the Animal and Range Science department were the winners of five research awards. They are:

**Ryan Ashley**, awarded \$40,000, beginning in July 2016, for "Molecular mechanism regulating placental development during early pregnancy in live-

stock."

**Steve Guldán** and **Sam Fernald**, awarded \$48,000 beginning in January 2017, for "Characterization of soil moisture of diverse land use types in an acequia irrigated valley in northern New Mexico."

**Shanna Ivey**, receiving \$43,500 beginning in January 2017, to study, "Differences in establishment of cattle rumen microbiomes in two different environments."

**Clint Loest** and **Michael Hubbert**,

awarded \$44,000 beginning in July 2016, for "Drinking water as a carrier to provide critical nutrients for immune system support: Impacts on health and performance of newly-received feedlot calves."

**Adam Summers** and **Eric Scholljegerdes**, receiving "\$43,000 beginning in July of 2016, to study "Impact of level of undegradable protein supplementation during late gestation on progeny performance."

## PUBLICATIONS

Sawalhah, M.N., A.F. Cibils, H. Cao, D.M. VanLeeuwen, J.L. Holechek, C.M. Black-Rubio, R.L. Wesley, R.L. Endecott, T.J. Mullinikis, and M.K. Petersen. 2016. Forage and weather influence day vs. nighttime cow behavior and calf weaning weights on rangeland. *Rangeland Ecology and Management* 69: 134-143.

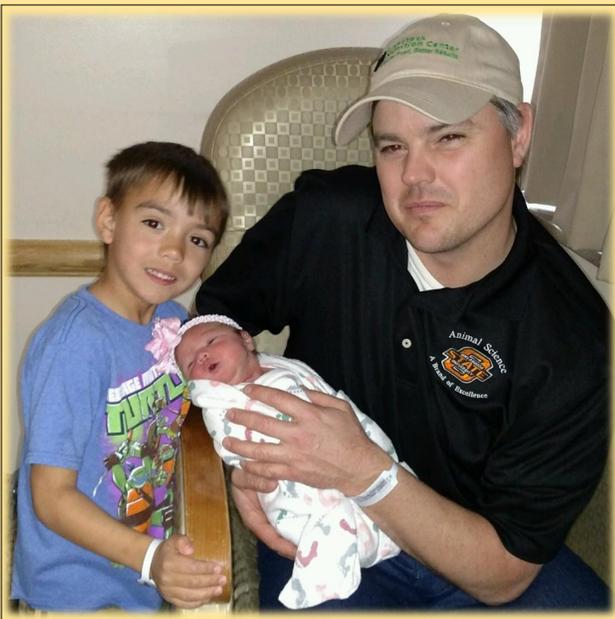
## PRESENTATIONS

**Dr. Andres Cibils** recently presented at the Criollo Cattle Workshop held on Feb. 8 and 9. The workshop was organized by the USDA ARS JER and NMSU. Dr. Cibils' presentation was entitled, "Dietary habits and maternal behavior of Criollo and British crossbred cows grazing large rangeland pastures."

## RECOGNITION

The NMSU College of ACES released this year's service award recipients. The Department of Animal and Range Sciences would like to recognize the following individuals for their contributions and time: **Ryan Ashley**, 5 years; **Gaylene Fasenko**, 5 years; **Eric Scholljegerdes**, 5 years; **Derek Bailey**, 10 years; **Gerrit Hagevoort**, 10 years and **Samuel Smallidge**, 10 years.

The Department of Animal and Range Sciences would like to welcome two additions to the family.



The Gifford family welcomed daughter Lilliana Luna on Friday, March 4, 2016. Lilliana weighed 8 pounds 6 ounces and was 20 inches long.



Burke Thaddeus was born March 5, 2016 to the Summers family. Burke weighed 7 pounds 8 ounces and was 20.5 inches long.

**CHILE**, cont. from page 1

Other colleagues in attendance included John Wilson and Jesus Gomez-Velez from New Mexico Tech and Carlos Ochoa from Oregon State University.

Several members of the group presented results from the CNH NSF-funded acequia research project.

Dr. Arumi led a series of field tours to irrigation research sites in the central valley of Chile. The group also had a chance to visit the newly established U of C Water and Mining Resources Center and the of the U of C Chillan campus, where meetings were held with colleagues to learn about their current research efforts and explore opportunities for future collaboration

## NMSU Valencia County Extension presents two-day beef cattle production workshop

*Courtesy of Jane Moorman*

A free two-day workshop will allow cattle producers in Valencia County to expand and refresh their knowledge in four key areas of cattle production.

The workshop will be hosted by New Mexico State University's Cooperative Extension Service in Valencia County on April 8 and 9. Valencia County Extension agricultural agent Newt McCarty said that the information provided in the workshop applies to all cattle producers.

NMSU's Extension Animal Science and Natural Resources faculty mem-

bers will present on the areas of rangeland management, ruminant nutrition, immunology and livestock vaccination and beef cattle reproduction.

NMSU graduate student **Lyndi Owensby** will speak on how the rumen works, the importance of keeping it healthy and the nutritional requirements of cattle throughout different stages of production.

Animal science professor **Dr. Dennis Halford** will discuss how the immune system works and the importance and many benefits of a consistent and

comprehensive vaccination program.

**Nick Ashcroft**, Extension rangeland management specialist, and Art Ariaz, Natural Resource Conservation Service Specialist, will demonstrate the importance of rangeland management while providing the cattlemen tools and knowledge to monitor and manage the forage.

NMSU Extension Livestock Specialist **Marcy Ward** will discuss in detail the reproductive system and the importance of the reproductive health of the bulls, cows and heifers.

The Department of Animal and Range Sciences would like to congratulate the following students on their acceptance in to veterinarian school:

**Felicia Gutierrez**, St. Georges

WASHINGTON STATE  
UNIVERSITY



COLLEGE OF VETERINARY MEDICINE

**Kali Lynch**, Washington State University

**Lauren Rath**, Washington State University

**Jackie Alford**, Washington State University



St. George's University  
SCHOOL OF VETERINARY MEDICINE  
THINK BEYOND