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Animal Science Newsletter

Department of Animal Science

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8-31-2012

## News of the Department of Animal Science

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## UPCOMING EVENTS

September 6—Ag Bio Ice Cream Social

September 29—Beef Bowl

October 10-11—Animal Science Quadrathalan

October 27—SDSU Livestock Judging Team Mock Contest

January 12—Lamb Bonanza

September 19—Ag Bio scholarship banquet

September 29—Master Lamb Recognition, Lead, SD

October 17—Ag Bio Careers Day

November 10—SD Hereford Sale, AS Arena

### SEPTEMBER BIRTHDAYS:

9—DENNIS DEBOER  
12—ALLEN WORKMAN  
15—VERONICA SHRIVER  
22—KELLY BRUNS

### OCTOBER BIRTHDAYS:

12—PAIGE REDDING  
13—MINDY HUBERT  
22—CRYSTAL ROBERTS MADSEN  
25—DAVID GAY

### CONGRATULATIONS!

-To Graduate Student **Crystal Roberts** (photo at right by **Lyssa Seefeldt**) on her marriage to Troy Madsen at Volborg, MT on June 23.

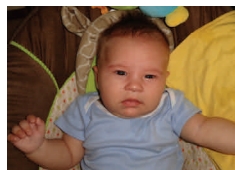
- To Nate and **Heidi (Doering) Resch** on the birth of their first child, Alexandra

Jennifer Resch on April 27th, 2012, weighing 8 lbs 4.9 oz. **Heidi** graduated with her M.S. degree in 2005 under Dr.

### Cody Wright.

-To **Crystal Roberts Madsen** on placing third with her oral presentation in the graduate competition at the American Society of Animal Science meetings in Phoenix in mid-July.

-To former Graduate Student **Sebastian Lares** on the birth of his son Francesco on April 30 in Urbana, IL. **Sebastian** graduated with his M.S. degree in 2012 under **Dr. Clint Rusk** and his wife received her M.S. degree in April 2012 in Veterinary Medicine from the University of Illinois.



**FAREWELLS:** Colleagues gathered July 25 in the Animal Science Wahlstrom Room for a farewell for **Clint and Madeleine Rusk**. **Dr. Rusk** is shown below left with Dean Dunn and also with the Wahlstrom's, and below right with office staff **Carol, Ro-**

**zanne and Cheryl** in front of Wahlstrom Room mural (staff member **Brenda** unavailable for photo). The **Rusks** moved to Stillwater where he is department head at Oklahoma State University.



Former faculty member **Eric Mousel**, wife Alaina and daughter Katie were honored at a departmental farewell at the Underwood's on August 5. Dr. Mousel is serving as chair for the Agricultural Sciences Department at Northwest Missouri State University at Maryville, MO.

**Dakotafest**, the annual outdoor farm show, was held August 21-23 in Mitchell. Several Animal Science staff participated in the event, which includes more than 500 companies. An auction on the 23rd raised \$74,790, which will be put towards the Cow Calf

**WELCOME** to **Kalyn Bischoff** (soon-to-be **Waters**) and **Ashley (Streff) Gelderman**. **Kalyn** began employment as an Extension Cow/Calf Field Specialist July 23 located at the Extension Center at Winner. **Ashley** began employment as an Extension Swine Field Specialist August 1 located at the Extension Center in Sioux Falls. **Ashley** is a former graduate student in the Animal Science Department, having completed her M.S. degree in swine nutrition under Dr. Jeff Clapper in July, 2012.

The **Ag-Bio Ice Cream Social** will be held Thursday, September 6 from 4:30-6:00 pm on the Ag Hall south lawn. This event allows new and returning students to explore opportunities for involvement in over 30 Ag-Bio student clubs and organizations, meet and greet fellow students, faculty, and staff, and win door prizes...while enjoying free SDSU ice cream!

Condolences are expressed to **Jen Eide** on the passing of her grandmother, Bernice Russell, age 87, at her home in Oral, SD on July 12.

Former Graduate Student Wen Ye, husband Yong, and sons Erik and Christopher recently visited with Muscle Biology staff. Wen received her M.S. degree in 1994 under **Dr. Doug McFarland** and Yong received his M.S. under Dr. Carl Westby in the Biology/ Microbiology Department.



They currently live in the San Diego, CA area where Wendy is employed in the biotechnology industry. They are pictured here with **Dr. McFarland and Jane Pesall** in their lab and also at the Pesall residence with former AS employees Kysa Gilkerson and Neil Ferrin. Leon Pesall, Leann Ferrin and Sandy McFarland are also pictured.



Several faculty and graduate students have presented at meetings this summer, including the American Society of Animal Science national meetings in Phoenix, AZ July 14-19. The following staff presented at those meetings: Oral presentations: **Crystal Roberts Madsen** "Effects of preovulatory estradiol concentration on embryo survival and pregnancy establishment in beef cows"; **Dr. George Perry**, "Comparison of three CIDR based fixed-time AI protocols for beef heifers"; **Nikki Hojer** "Effects of weaning age and winter development environment on heifer grazing distribution; former faculty member **Dr. Ben Holland** "Opportunities for drylot backgrounding systems in the beef industry". Poster presentations: **Nikki Hojer** "Effects of weaning age and winter development environment on heifer performance"; **Dr. Julie Walker** "Effect of propionate salt inclusion in postpartum supplementation on young cow reproductive performance" (co-researchers were **Drs. Ken Olson and George Perry**); **Levi Garbel** "Supplementing urea in beef finishing diets containing 25% modified distillers grains has no influence on cattle performance, but does decrease marbling in yearling steers"; **Lyssa Seefeldt** "Genistein decreases LPS-stimulated production of TNF- $\alpha$  in porcine peripheral blood mononuclear cells"; **Kathy Koch** "Effects of dietary fat and protein quantity from different feedstuffs on litter gain"; **Carrie Delvaux Cox** "Plasma metabolites and rumen ammonia concentration in steers fed high-forage diets and supplemented non-protein nitrogen". **Dr. Perry** chaired a section of Physiology and Endocrinology and **Dr. Elaine Grings** chaired a section of Extension Education. **Dr. Robbi Pritchard** led a symposium review and discussion on "Ruminant Stress: Implications on Health and Performance of Ruminants". **Dr. Perry** also presented "Gonadotropin surge alone was not sufficient to up-regulate matrix metalloproteinases within ovulatory sized bovine follicles" at the Society for the Study of Reproduction August 12-16 at State College, PA.

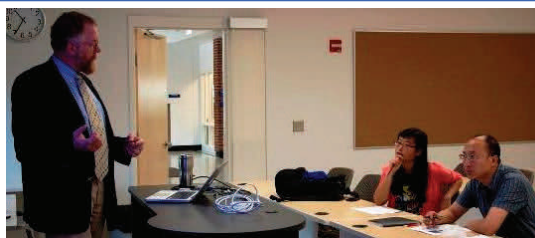
**Dr. Rebecca Bott** participated in an intensive workshop on Systems Thinking and Systems Dynamics August 20-22. Mike Goodman, formerly of MIT and currently renowned international consultant, facilitated the workshop, with assistance from SDSU graduate student Ben Turner, and support from Dean Barry Dunn.



SDSU Meat Science personnel taking a break from the BBQ Boot Camp presented during the Central States Fair in Rapid



City in August. Pictured at left (front to back) are Graduate Students **Jason Johnson, Anna Taylor and Jarrod Bumsted**, and at right are **Dustin Mohrhauser, Lacie Hoffman and Dr. Stacy Scramlin**.



Howard Bon-nemann, Instructor of Dairy Science, provides Xuiniang Wang, a Chinese businessman and entrepreneur, with instruction in the manufacturing process of making ice cream (adapted from SDSU iGrow news release). Also pictured is Animal Science Graduate Student **Xuwen Sheng**.

Welcome to new graduate students **Erin Larimore** (pictured upper right), **Meghan Lentsch Peterson**



(pictured at left), and **Seth Pollock**. **Erin** is working in the reproductive physiology area with **Dr. George Perry**, while both **Meghan** and **Seth** are studying ruminant nutrition; **Meghan** under **Drs. Cody Wright and Amanda Blair** and **Seth** under **Dr. Robbi Pritchard**. **Erin** is originally from Green Ridge, MO; **Meghan** is from Glencoe, MN and **Seth** is from Artesia, NM.

