



Animal Sciences News

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- 3/3 **ANS Grad Seminar – Adrienne Lulay.** “Effect of Progesterone and Prostaglandin $F_{2\alpha}$ on Bovine Neutrophil Function.” With 217, 4:00 p.m.
- 3/5-28 **Lambing at Wilson Farm** (public welcome, 9 a.m. to 2 p.m. daily).
- 3/10 **ANS Grad Seminar – Dulmelis Gonzalez.** “Early Feeding and the Immune System: Role of Polyunsaturated Fatty Acids in Broiler Chickens.” With 217, 4:00 p.m.
- 3/14 **Birthday Cake and Coffee**, Staff Lounge, 2:30 p.m.

Welcome New Beef Manager



Janice Allen

Janice Allen joined us in mid March as professional faculty Beef Ranch Manager. Janice has a great deal of experience with cattle, having grown up on and worked her family’s 250 head cattle ranch in the southeastern Sierra Nevada mountain range of California. She is a graduate of Chico State, with a B.S. degree in

Agricultural Sciences. She has also worked for the Forest Service and other agencies as a range management specialist.

Janice brings welcome relief to the workload of Coach and Instructor Clint Sexson, who has taken responsibility for managing our ranches the last few years.

Welcome New Milker



Sue Kummerow

Sue Kummerow (B.S. ’95) has returned to the Department to work as Milker at our Dairy. As an undergrad, Sue took advantage of OSU’s New Zealand exchange, and, after completing her B.S. degree, returned to New Zealand to live and work at a beef cattle farm. Her sojourns in the world also include Chile, where she was born and grew up, and Israel, where she worked on a dairy farm kibbutz.

Publications

Daalkhajav, D., T. DelCurto, D.W. Bohnert, and S.L. Findholt. 2008. Comparison of techniques and grinding size to estimate digestibility of forage based ruminant diets. *Anim. Feed Sci. Technol.* 141:15-35.

Davis, S.L. 2008. What would the world be like without animals for food, fiber, and labor? Are we morally obligated to do without them? *Poultry Science* 87:392-394.

Bishop, C.V., and F. Stormshak. Non-genomic actions of progesterone and estrogens in regulating reproductive events in domestic animal. No. 15 among top 25 downloads for *The Veterinary Journal*, July-September, 2007, http://top25.sciencedirect.com/index.php?subject_area_id=24&journal_10900233&cat_id=13 .

Merrill, M.L., D.W. Bohert, D.C. Ganskopp, D.D. Johnson, and S.J. Falck. 2008. Effects of early weaning on cow performance, grazing behavior and winter feed costs. *Prof. Anim. Sci.* 24:29-34.

BOARD-INVITED REVIEW: Estrogen and progesterone signaling: Genomic and nongenomic actions in domestic ruminants. **F. Stormshak** and **C.V. Bishop.** *J. Anim. Sci.* 86:299-315. February, 2008, issue

Travel

Mark Keller traveled to Las Vegas February 18-22 to attend training for the Department's Truspec N (protein) Determinator at Leco Corporation in Henderson, Nevada.

Tari Tan Wins USA Today Honor



ANS Research Assistant Tari Tan (Photo courtesy of OSU This Week)

Congratulations to undergraduate research assistant **Taralyn "Tari" Tan**, who has been selected by USA Today as one of 20 second team All-American scholars as part of its All-USA College Academic Team. Tari is a biochemistry/biophysics senior assisting **Dr. Fred Stormshak** in the search for markers of atypical mating behavior in sheep. She has been working with Dr. Stormshak on research to characterize the promoter region of the ovine prolactin gene since September, 2005. This research was begun because results of previous collaborative research between the Stormshak lab and Dr. Roselli at OHSU showed that prolactin is synthesized in the hypothalamus of male-oriented rams.

In the summer of 2006, Tari was the recipient of a Howard Hughes Medical Institute Fellowship and at the fall, 2006, HHMI Symposium, during which fellows reported their research, she received an ipod for the best research report.

Tari is featured as one of the "Faces of OSU" posters on campus, and this spring her work will be featured in OSU's "Terra"

research magazine. As a consequence of her undergrad involvement in research, she plans to do graduate studies toward attaining a Ph.D. in neuroscience.

IHSA Team Zone 8 Region 4 Champions

...Coach Kelly Jimmerson

OSU's Intercollegiate Horse Show Association Team has successfully held their status as Zone 8 Region 4 Champions in Huntseat and Western this season! Competing against 10 other schools from Oregon, Washington, and British Columbia, OSU's IHSA team has again claimed the top place as Region Champion in Huntseat and Western. After an unusually short show season, the team is now gearing up for the Western Semi-finals in March and the Huntseat Zone competition in April. The team has a good chance of qualifying for Nationals in both divisions, but will be facing stiff competition at these upcoming events.

In addition to the team's success, several individuals will be moving on to post-season competition. **Katie Curtis, Sara Gibson, Adrienne Smith, and Christina Bernards** will all be competing individually in their divisions at the Huntseat Zone Championship. **Brooke Sproull** and **Adrienne Smith** will be competing individually at Western Semifinals. These girls were the top competitors in their divisions throughout the season. Congratulations, ladies!

Best of luck to our teams and individuals at Semifinals and Zones!!

Students Visit Goschie Farms

...Dale Weber



Pictured left: ANS Undergrad Mary Swearingen and friend

The ANS 216 Swine/Sheep class went on a field trip on Friday, February 8th, to visit Goschie Farms, Inc., near Mt. Angel. Twenty seven of the 30 class members were able to attend.



Host George Mohring with ANS 216 Students

Mr. Glenn Goschie, a partner in the family operation, and Mr. George Mohring, farm manager, were our hosts. Gene Pirelli, Extension Animal Scientist, joined the class at the farm. Goschie Farms has 125 sows in this farrow-to-finish swine operation. It was interesting to the class that they are switching from a more traditional type of production to producing “natural” pork. They plan to eliminate the use of farrowing crates and all pens will be bedded. They are marketing their swine through the New Seasons grocery chain, and so receive a premium for their hogs.

Students really enjoyed the trip, as indicated by the following comments:

Overall this was such a great experience. I've been to a few swine operations but not one as large as the Goschies'. I'm glad that I went on this field trip. ...Michaela Cadabona.

It was a great experience and I really enjoyed seeing the operation at the Goschie hog farm. It was good to see a bigger operation compared to our little pig farm we do on the side at home. ...Kristin Hogan

Traveling to the Goschie Swine farm has given me wonderful insight into how a larger scale swine operation works. All of the knowledge that I have gained from this experience will last me a lifetime and will help me substantially as a food animal veterinarian in the future. ...April Rudolph

News and Notes

The Department has come through again in support of **OSU's Food Drive**, which ended last Friday. Though the drive was a few days shorter this year, we are only \$61 short of our efforts last year, with total of \$2342 coming in by donation, payroll deduction and fundraisers. Thanks, everyone, for your support of the drive.

Dr. Ian Coop died last month at his home in Christchurch, New Zealand, at the age of 93. He had visited Oregon and this department on a number of occasions, and was partly responsible for the planning of our present Sheep Center facility west of campus. Dr. Coop contributed strongly to the sheep/forage industry in New Zealand, which has been a model for much of the rest of the world. He is memorialized in the Coopworth sheep breed, some of

which are raised in Oregon and the western U.S.

Wenona (Phillips) Given (BS '01, MS '04) was a guest speaker in Jim Hermes' Poultry Production class on February 14. Wenona lives in Albany, and works for the USDA Ag Marketing Service, Poultry Program, Olympia Office. Happily, Wenona is expecting a baby girl in March.

Dorothy Miller, wife of our former Department Head, Jack Miller, has just been given the Lady Bird Johnson Award for 25 years' volunteer work in beautification of Brazos County, Texas.

Wayne Mosher, long-time Extension agent in Douglas County, has had surgery on his right shoulder. The surgery was successful and Wayne is now embarked on a rehabilitation program. He says it will be a little while before he can play tennis, however.



Congratulations to undergrad **Katie Partlow**, who is one of five young women selected for this year's Court for the Pendleton

Round-Up, to be held September 6-13. Katie is a member of OSU's equestrian team and the Young Cattlemen's Association, and a continuing educator for Tri-Delta Sorority. An Animal

Sciences major, she is minoring in Agriculture Business Management. Katie has been riding for 17 years, and attending the Pendleton Round-Up since she was a child. Her experience working on a ranch on Butter Creek inspired her to apply for the Round-Up court. (Photo courtesy of Pendleton Round-Up website.)

We are sad to learn that **Gliceria Pimentel Smith**, who did graduate work in our department in the early 90's and went on to earn a Ph.D. in Entomology at OSU, died on February 7th, at age 49. While here, Gliss met her husband-to-be, **Edward Smith**, who earned his M.S. degree with Dave England and Ph.D. with Tom Savage, and is now a professor of Comparative Animal Genomics at Virginia Tech. The Smiths have two sons, Dehmeh and Geinda. Gliss was an active member of the Catholic Church, a Literacy Volunteer, and a strong supporter of the Blacksburg Travel Soccer Community as well as AAU basketball.

Congratulations to **Gene Pirelli**, who, at the recent Oregon Pork Producers annual meeting on February 23, was given the OPP distinguished service award for 2008.

Gabrielle Thompson has a new baby granddaughter. Abigail Grace Thompson arrived on February 11; she weighs 9 lbs., 3 oz., and is 21 ½ inches long. Abigail joins her Dad, Eric, Mom, Sarah, and big brother, Ethan, at home.



March Birthdays

Jesse Warntjes	2
Scott Austed	25
Kelvin Koong	26

Animal Sciences News is published monthly by the Department of Animal Sciences, Oregon State University; Editor, Helen Chesbrough.

