Winter 2019

Animal Science Department News

Department of Animal Science

South Dakota State University, terese.vanravenswaay@sdstate.edu

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Welcome New Graduate Students:

Lydia Hite  (Gracey, KY) received her B.S. in Animal Science at South Dakota State University Spring 2018. She is working on an M.S. degree in Meat Science with Dr. Grubbs.

Erin Gubbels  (Laurel, NE) received her B.S. in Animal Science at South Dakota State University Spring 2018. She is working on an M.S. degree in Meat Science with Dr. Blair.

Dathan Smerchek  (Rosholt, WI) received his B.S. in Animal Science at South Dakota State University Spring 2018. He is working on an M.S. degree in Ruminant Nutrition with Dr. Smith.

Welcome Post Doctoral Researcher:

Jorge Yair Perez Palencia  (Sincelejo, Sucre, Colombia) received his B.S. in Animal Science-Animal Nutrition at Universidad de Sucre, Colombia in 2014. He received his M.S. in Animal Science-Swine Nutrition in 2015 and his PhD in Swine Nutrition in 2018 at Universidade Federal de Lavras, Brazil. He is working in Swine Nutrition with Dr. Levesque.

Congratulations:

Graduate student Emily Rosenthal presented a seminar prior to her successful M.S. defense on November 15. The seminar was entitled “Can Solvent-or Mechanically-Extracted Carinata Meal be Used as an Effective Source of Supplemental Protein to Cows Fed Poor Quality Forages?”

Livestock Judging Team:

The 2018 South Dakota State University Livestock Judging Team ended their collegiate judging careers in Louisville with one of the best performances by the team throughout the year. Early in the season the team set many goals and the progression and dedication the team showed throughout the season was evident because of the multiple strong outings the team had in the fall. During the season, the team attended 12 contests, which include: National Western Stock Show, Sioux Empire Livestock Show, Iowa

Throughout the year, the team also assists in hosting 4-H and FFA contests on campus in the Animal Science Arena; this experience allows the students the opportunity to observe the other side of a judging contest. This past June, the team hosted two Livestock Judging Camps on campus. FFA and 4-H youth from South Dakota, Minnesota, Iowa, Wisconsin, North Dakota, and Nebraska all attended the camp. SDSU will host the 2019 Livestock Judging Camps on June 10-12 and 13-15.

Following are some highlights of the fall team competitions:

- **National Barrow Show - Team Results**: 9th Overall. Josh Brown 14th Overall

- **AKSARBEN - Team Results**: 5th Beef, 6th Overall, 6th Reasons, 6th Sheep and Goats, 8th Swine. McKenna Cech – 9th Beef, Lindsey Wolles - 16th Beef, Shaye Jungwirth - 8th Overall, 3rd Sheep, 15th Swine


- **NAILE - Team Results**: 9th Cattle, 9th Beef Reasons, 9th Performance Cattle, 11th Performance Classes, 12th Overall. Shaye Jungwirth – 8th Sheep and Goats, McKenna Cech - 16th Sheep and Goats, 10th Reasons, Lindsey Wolles - 8th Performance Swine, 9th Cattle.

After many trips, practices, and memorable experiences, the team thoroughly enjoyed their time representing SDSU and were excited that they achieved some of the goals set. Currently, Brady is preparing the 2019 SDSU Livestock Judging Team. The group is extra-talented, very enthusiastic, and looking for a successful year with the sights set on the highest prizes. 2018 Team - Front Row L to R: Lindsey Wolles, Shaye Jungwirth, Amy Beckstrand, McKenna Cech. Back Row: Brady Jensen, Josh Brown, Jonathon Linke, Adam Eichacker, Spencer Wangen, Riley Ruble.

### Meat Judging Team:

The fall season started with a 2nd place finish at the National Barrow Meat Judging Contest in Austin, MN. Highlights included 1st place team in Processed Meat Judging, 2nd place team in Questions, 3rd place team in Specifications (Specs), and 5th place team in Fresh Meat Judging. Individually, Clay Newton led the team placing 2nd Overall, 4th in Processed Meats, 4th in Questions, and 7th in Specs. Molly Kroeger placed 7th Overall with a 2nd place finish in Processed Meats. Josh Homann placed 9th Overall and was tied for 1st place in Specs.

The team flew to Wyalusing, Pennsylvania for the next contest and placed 9th Overall. At the American Royal Meat Judging Contest, the team placed 8th in total placings and Specs, 7th in Lamb Judging, 6th in Beef Grading and Overall Beef, and 6th Overall out of 18 teams! Individually, Josh Homann placed 9th in Beef Grading, Clay Newton placed 6th in Total Placings and 8th in Lamb Judging.
At the High Plains contest, the team was 10th Overall with highlights of 4th place team grading, 6th in Overall Beef, and 7th in Specs. Individually, Josh Homann achieved a perfect 100 on Specs and placed 5th after tie breakers. Josh also placed 10th in Grading. Molly Kroeger placed 12th in Lamb Judging. Clay Newton placed 8th in Beef Grading, 8th in Overall Beef, and 15th in Reasons.

The team finished the 2018 season with a respectable 8th place standing out of 19 teams. Highlights include a 2nd place finish in Placings, 7th place in both Pork Judging and Beef Judging, and 8th in both Specs and Overall Beef. Individually, Molly Kroeger placed 6th in Pork Judging. Kyle Laveau placed 9th in Total Placings. Clay Newton placed 8th in Pork judging and earned a perfect 100 on Specs but placed 13th after tie breakers.

Pictured Left to Right: Christina Fehrman (Coach), Josh Homann (Pipestone, MN), Logan Ellingson (Warner, SD), Clay Newton (Echo, MN), Molly Kroeger (Lennox, SD), and Kyle Laveau (Wrenshall, MN), Dr. Keith Underwood (Advisor).

Rodeo Team:
The SDSU Rodeo Team is looking forward to the end of 2018’s weather and a better 2019 coming up! The spring season started with practices in March, rodeos postponed due to a blizzard in April, and then rodeos canceled due to an outbreak of EHV-1 in May. The Men’s team still finished 1st in the Great Plains Region and our Women’s team 2nd for 2018. SDSU sent nine rodeo team members to the College National Finals in Casper, Wyoming in June.

The fall season started in August, with another rodeo postponed due to weather, and did not end until November 2nd, extending it for an additional two weeks. Currently the Women’s team is ranked 2nd in the Great Plains Region and the Men’s team 5th.

The spring season will start with practices immediately after spring break in March and will end the first weekend in May. The SDSU Jackrabbit Stampede will be the first rodeo on April 5th and 6th. The Buckles and Bling Fundraiser will be held in Club 71 on April 4th. The 2018 fundraiser hosted 325 at the banquet and everyone is welcome to join us in 2019!

Holiday Celebrations:
The annual Holiday Potluck Party was held December 8 in the Brookings Activity Center. The event was organized by the Social Committee consisting of Judy Carlson, Drs. Julie Walker, Crystal Levesque, Ben St-Pierre and Ryan Samuel. Following the meal, Santa and his Elf distributed gifts for the children. The evening concluded with a gift exchange.
Fall Graduation Candidates:

**Bachelor of Science Degree**

Mikaela Adams - Dell Rapids, SD  
Justin Antoff - Winona, MN  
Bridget Baker - St Peter, MN  
Erin Begalka - Castlewood, SD  
Kori Coldsmit - Pierre, SD  
Taylor Deseive - Atkinson, NE  
Jaydin Ellenbecker - Sioux Falls, SD  
Abigail Gierke - Villard, MN  
Katelyn Groetsch—Albany, MN  
Kathryn Haeska - Lake City, MN  
Kristina Katanek - South Haven, MN  
Danielle Knox - Highmore, SD  
Macey Kriens - Dell Rapids, SD  
Chelsey Langbehn - Wolsey, SD  
Hayley Leibel - Glencross, SD  
Anthony Lynn - Lismore, MN  
Melissa Malakowsky - Hartland, MN  
Shelby Mickey - Rochelle, IL  
Shane Mueller - Garretson, SD  
Dennis Nelson - Lonsdale, MN  
Ashley Nye - Henderson, MN  
Rachel Reuer - Reliance, SD  
McKinsy Rew - Waseca, MN  
Riley Ruble - Albert Lea, MN

**Master of Science Degree**

Ron Novales - Los Banos, Laguna, Philippines  
Vanessa Schlenner - Wood Lake, MN  
Shelby Strand - Harrisburg, SD  
Victoria VanDam - Marshall, MN  
Mackenzie Wagner - Rushmore, MN  
Sierra Wagner - Redwood Falls, MN  
Spencer Wangen - Ellendale, MN  
Janel Wichern - Tyler, MN

Logan Ryberg - Jackson, MN  
Vanessa Schlenner - Wood Lake, MN  
Shelby Strand - Harrisburg, SD  
Victoria VanDam - Marshall, MN  
Mackenzie Wagner - Rushmore, MN  
Sierra Wagner - Redwood Falls, MN  
Spencer Wangen - Ellendale, MN  
Janel Wichern - Tyler, MN

**Swine Nutrition**

Emily Rosenthal - El Cajon, CA  
Ruminant Nutrition

**Grady Ruble - Albert Lea, MN**  
**Ruminant Nutrition**
Sheep Shearing School:
The Sheep Shearing School was held December 6-8 at the Sheep Unit. Dr. Jeff Held reported participants attended from SD, IA, MN, MO and MT. Topics covered included professional shearing techniques, equipment maintenance and repair, wool handling and preparation. SD Extension has partnered with the SD Sheep Growers Association for more than 25 years to offer this nationally recognized shearer program facilitated by the American Sheep Industry Association – Wool Council to serve the needs of the U.S. sheep industry.

Artificial Insemination School:
Two artificial insemination (AI) schools held this winter at the SDSU Beef Breeding Unit in Brookings included participants from SD, MN and NE. The first school was held December 13-15; the second was offered January 20-22. Some topics covered in classroom sessions included cow anatomy, equipment handling, AI synchronization protocols/emerging AI technologies and reproductive management/nutrition considerations. Instructive hands-on sessions were held each day. The course was taught by Drs. George Perry and Julie Walker, extension field specialists Robin Salverson and Taylor Grussing and graduate students Jerica Rich, Kaitlin Epperson, and Saulo Menegatti Zoca.

Note:
We’ve received reports from people on this email list who have received messages pretending to be from Carol Kleinjan. Since Carol retired, her account is no longer active and is NOT sending out email. The same is true for others who have retired or otherwise left SDSU employment. The problem messages are not sent from Carol’s account; they are only pretending or spoofing her. There is little we can do to prevent this spoofing. Please don’t hesitate to simply delete any message that you think is problematic. Be particularly careful about clicking on strange links contained in email. Spam filters try hard, but they don’t catch everything.

Veronica R. Shriver
Sr. Computer Support Specialist
Animal Science Department
South Dakota State University
Office phone: 605-688-5437
Email: Veronica.Shriver@sdstate.edu

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Dr. Joe Cassady, Department Head
joseph.cassady@sdstate.edu

Dr. Rosie Nold, Assistant Department Head
rosemarie.nold@sdstate.edu

Animal Science Department, 1097 North Campus Drive, PO Box 2170, Brookings, SD 57007
605.688.5165
Submitted by Terese Van Ravenswaay, Editor