Graduate Seminar – David Newman, Coordinator
There is no Graduate Seminar the week of November 1.

Graduate Defense Seminar
Speaker: James Gaspers, NDSU ANSC Graduate Student
Topic: Factors Influencing the Passive, Innate, and Adaptive Immune System and Their Effects in Beef Cattle
Date/Time: Thursday, November 5; 10:00 a.m.
Location: Hultz 104

James Gaspers was raised on a farm near La Crescent, MN. He attended the University of Minnesota where he received a B.S. degree in animal science with an emphasis in beef production. He is currently an M.S. student studying under the direction of Dr. Gerald Stokka. James is conducting research on stress and its relationship on the passive transfer of immunity in beef cattle.

Friday Afternoon Club – Kendall Swanson and Larry Reynolds, Coordinators
Facilitator: Kendall Swanson
Topic: Feed efficiency in beef cattle: How far have we come, how far can we go? – by Harvey Freetly
Date/Time: Friday, November 6; 3:00 p.m.
Location: Hultz 104

Anyone interested in facilitating discussion at future Friday Afternoon Club meetings, is encouraged to contact Larry Reynolds or Kendall Swanson.
**Students Present at NDSU Explore**

NDSU Explore is an annual showcase event celebrating undergraduate student excellence in research and scholarly activity. Students may feature their scholarly accomplishments in any major field of study via a poster, oral presentation, display, etc. This year, several Animal Sciences Department students presented in the showcase held on November 3.

**Oral Presentations (student presenter’s name in bold)**

**Anna M. Peterson**, L.E. Camacho, A. Reyaz, K.C. Swanson, and K.A. Vonnahme.

Impacts of stage of gestation and maternal nutrient status on binucleate cell numbers in the beef cow.


Expression of receptor for nitric oxide (NO), soluble guanylyl cyclase (sGC) in ovine ovarian follicles: Effects of diet and arginine.

**Poster Presentations**

**Bryanna Hanson** (pictured above), Alexis Siomka, David Newman, and Eric Berg.

Does beef inclusion in a modern diet influence risk factors for obesity related metabolic disorders?


Influence of forage inclusion level on growth performance and feeding behavior in finishing steers.

**Animal Sciences Alumna is New Extension Agent**

Rachel Wald, B.S., veterinary technology, ’09 began her career as the McHenry County Extension Agent/Agriculture and Natural Resources on November 1.

Rachel participated in 4-H and FFA as a youth. While at NDSU, she was involved in the IHSA Hunt Seat Team, Saddle and Sirloin Club, and Equine Club. Since graduating, she has worked as a veterinary technician in Rugby and more recently at the Edgeley/Ellendale Veterinary Service.
Academic Quadrathlon is coming soon! Sign up deadline is November 25!

Academic Quadrathlon is an animal sciences competition in which teams of four students (from any of the animal sciences majors) compete in four events. Extra credit is available from some instructors and scholarship dollars may also be available for participants (more details will be forthcoming). The competition schedule is:

Quiz Bowl – November 30, Hultz Hall 104, 4:00 p.m.
Lab Practical and Written Test – December 1, ANPC, 5:00 p.m. – **FREE PIZZA**
Quiz Bowl Finals – December 2, Hultz Hall, starting at 4:00 p.m.
Presentations – December 2, Hultz Hall, time based on team schedules

To sign up your team, contact Megan Kortie at *megan.kortie@ndsu.edu* or Kasey Carlin at *kasey.maddockcarlin@ndsu.edu*.

The winning team will travel (all expenses paid) to compete against other teams from throughout the Midwest at the Midwest Meetings of the American Society of Animal Science in Des Moines, IA, in March.

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*Winners of the Bookstore **Funniest** Halloween Costume Contest – Alexis Siomka and Laura Bachmeier*
Meat Judging Team Highlights – Tyler Frick, Coach

The NDSU Meat Judging team traveled to Omaha, NE, on October 18 for the American Royal Meat Judging Contest. The team competed against 13 other teams. They placed 11th overall and 6th in total placings. Jaden Carlson was 6th in beef judging and 7th in total placings, while Cora Huss was 7th in lamb judging and 11th in total placings.

On November 1, the team traveled to Friona, TX, for the Cargill High Plains Meat Judging Contest where they competed against 14 other teams. The team placed 10th overall, 7th in beef judging, 5th in pork judging, and 1st in total placings. Individual rankings were:

Jaden Carlson – 19th in beef grading, 13th in overall beef, 19th in pork judging, 20th in specifications, 17th in total placings and 15th overall
Brittany Olson – 17th in beef judging, 10th in total placings, 27th in pork judging
Hannah Nordby – 15th in total placings and 22nd in overall beef
Cora Huss – 28th in pork judging, 21st in total placings

Note: Anything outside of 20th here means they tied for 20th or higher.

If you would like to view the Meat Judging Team awards from past years, they are in Sheppard Arena next to the Agriculturalist of the Year.

Pictured (L to R) are team members Jaden Carlson, Cora Huss, Brittany Olson, Hannah Nordby, and Coach Tyler Frick.