Another Year Has Come to an End

We’ve come to the end of another school year, and it has been a good one! A number of our faculty, staff and alumni have been recognized for their accomplishments, including four of our faculty who have received notification of promotion. You can read more about their accomplishments in this issue.

Our student organizations and classes have been very busy this semester. Some examples of their activities are: 90th Little International; Horse Judging Workshop; Cupcakes, Canvas and Cows painting and eating event; Living Ag Classroom; Kiddie Days; Heifer Raffle; Collegiate Cattlwomen at the Library; Fuzzy Wuzzy Horse Show; Pride of the Prairie Show Pig Sale held by the ANSC 380, Livestock Sales and Marketing class; the ANSC 344 Product Show competition; and the department versus Saddle and Sirloin Club basketball game (the department’s team of Justin Crosswhite, Spencer Wirt, Kyle McLean, Evan Knutson and Billy Ogdahl were the winners).

Also be sure to read the summary of activities from our judging and competitive teams, including several student riders who have or will compete in national competitions. Seventy undergraduate and graduate students were recognized at our 2016 Scholarship Recognition Reception on May 4. These students represent the best and brightest of our great students. The 27 scholarships are funded by a number of generous corporations, stakeholders and alumni, and we thank all of you for your support of the Department of Animal Sciences.

Speaking of our great alumni, keep checking the Animal Sciences home page for updates on the annual scholarship fundraising event that will be held Oct. 15 at the Fargo Air Museum in conjunction with the NDSU vs. SDSU football game. The event will include fun and games; great food; great opportunities for interaction with friends, alumni, students and supporters of the department; and of course, another great football game. We hope you will join us.

Sincerely,
Greg Lardy
Department Head
Distinguished Alumnus Visits Campus

Mike Tokach, College of Agriculture distinguished alumnus for 2015-16, visited the department on Wednesday, Feb. 10.

Tokach is a professor of animal sciences and industry, swine Extension specialist and researcher for Kansas State University Research and Extension. His research focuses on practical swine nutrition, and he works with a wide variety of producers in the swine industry to promote the rapid adoption of new technology.

Tokach has been named among the 50 people who have made the greatest impact in the hog industry in the last 50 years. Tokach grew up on a diversified livestock and grain farm in North Dakota, which was his first education in many of the day-to-day problems that livestock producers can encounter. He received his B.S. in Animal Science from NDSU in 1986 and an M.S. in Swine Nutrition from Kansas State University in 1988, and completed his Ph.D. in Swine Nutrition at the University of Minnesota in 1991.

He joined the K-State faculty as an assistant professor in 1991, and was promoted to associate professor in 1995 and to full professor in 2001. He earned the title of university distinguished professor, K-State’s highest academic ranking, in 2013.

While he was on campus, Tokach met with department faculty and staff, and graduate and undergraduate students, and lectured in ANSC 484, Swine Industry and Production Systems. He also gave a public lecture titled “Building a High-functioning Team in an Academic Setting.”

Berg Inducted Into Tapestry of Diverse Talents

Erika Berg, along with six other people from across campus, was inducted into the Tapestry of Diverse Talents on Wednesday, Feb. 24.

The Tapestry of Diverse Talents, a program of the Memorial Union, is a pictorial mosaic that recognizes students, faculty, staff and alumni for the diversity and contributions they bring to North Dakota State University. Each year, individuals are inducted into the Tapestry. Inductees are engaged in work, activities and projects that reflect the diverse populations of the university community.

Here is an excerpt from her nomination letter:

“Dr. Berg’s work with individuals who are differently abled, as well as socially or economically disadvantaged across campus, throughout the Fargo/Moorhead community, regionally, and beyond, makes her especially deserving of this nomination. She has developed a network whereby she takes her work here beyond the doors of our campus to influence an entire community, state, region, and nation. Dr. Berg’s devotion to assisting individuals with challenges influences not only their lives but that of the students, staff and faculty on campus as well by raising awareness and bringing about change. Through her efforts and volunteer time on behalf of people who are differently abled, Dr. Berg has impacted the lives of over 200 students, therapeutic riders, and underprivileged women. This group of people has had their lives improved by her efforts.”

Berg was nominated by Greg Lardy, with letters of support from Julie Nash and Mattia Gunkelman.
**Laser Markers Installed**

Six laser markers were installed in the arena at the Equine Center on Feb. 3. The technology will facilitate setup during barrel races.

The lasers, placed in the ceiling at a specific angle, will shine down on a mark placed in the center of the barrel so the setter knows where to place it.

The old system entailed hammering a stake with a rope on it into the ground. During competition or when work was done on the barn, these often were disrupted.

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**ASAS Interns Visit Campus**

American Society of Animal Science communications interns Chloe Mitchell and Holly Web were on campus March 2-4. Their task was to see some animal science research in action.

While they were here, they toured the Equine Center, Dairy Barn, Animal Nutrition and Physiology Center, Beef Cattle Research Complex, NCI Feedmill, Meat Lab in Shepperd Arena and the research facilities in Hultz Hall. They also met with faculty and graduate students who talked about the research they are conducting.

They met with Loren Baranko, Animal Sciences internship coordinator, to discuss the internships Baranko organizes for NDSU students. They also attended a seminar, sat in on a number of class lectures and visited with staff from the Agriculture Communication Department.

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**NDSU Hires Extension Sheep Specialist**

**Travis Hoffman** has been hired as the Extension sheep specialist.

Hoffman has a B.S. degree in Animal Sciences from South Dakota State University (2003) and M.S. (2008) and Ph.D. (2015) degrees in Animal Science, with a meat science emphasis, from Colorado State University.

He previously was the Colorado beef quality assurance coordinator (2005-2013) and is a meat science instructor at SDSU.

Hoffman will begin his duties at NDSU on June 27. His position will be a 75 percent Extension and 25 percent research appointment, with two-thirds of his Extension appointment funded by NDSU and one-third funded by the University of Minnesota.
Little International

The 90th Little International was held Feb. 12-13. The theme for this year was “Decades of Dedication,” which was exemplified by Agriculturalist of the Year Ron Zimprich. He was chosen for his dedication to the Saddle and Sirloin Club, the North Dakota swine industry and the Department of Animal Sciences.

Zimprich was the Swine Unit herdsman for more than 44 years and retired on Jan. 8.

This year’s Little I manager was Phillip Wanner and the assistant manager was Bailey Hawbacker. Royalty consisted of Queen Elli Lemm and Princesses Bailey Dockter and Cassidy Ziesch.

In the showmanship events, Will Bollum, a sophomore from Northfield, Minn., was the champion overall, having received first in Angus beef and champion overall in beef.

Reserve champion overall was Thomas Friesz, a junior from New Salem, N.D., who was first in Columbia sheep and champion overall in sheep.


In Memoriam:
William D. Slinger

Professor Emeritus, William D. Slinger was born Oct. 9, 1944, in Baker, Mont. He passed away Friday, May 6, in his home in Fargo under the care of Hospice of the Red River Valley.

Slinger grew up on a small ranch in Montana and graduated from Dillon Beaverhead County High School in 1963. He obtained a B.S. in Animal Science from Montana State University in 1967, and M.S. and PhD. degrees from Cornell University in 1972 and 1975, respectively.

He was hired as an assistant professor of animal science at NDSU in 1975. He worked his way through the academic ranks to full professor in 1987. He later served as interim dean of the Graduate School for five years and in 2000 became director of institutional research and analysis.

From 2003 through 2007, he was an examiner and then senior examiner for the national Baldrige Performance Excellence Program. Slinger was named professor emeritus in the Department of Animal Sciences in July 2015.

He married Marie Marchington on July 11, 1970. He is survived by Marie and sons Robert (Carrie), James (Gretchen) and Daniel; grandchildren Mack and Ellie Slinger and Mason Slinger; his brother George; and nephews Brian and Marc Slinger. A memorial service will be held in June.
Community Outreach

In addition to numerous Extension programming activities provided by our Extension specialists Miranda Meehan, J.W. Schroeder, Gerald Stokka, Carl Dahlen, Rob Maddock and David Newman, the following activities were provided as a means to connect animal agriculture with the public:

Horse Judging Workshop

A horse judging workshop was held Jan. 16-17 on campus and at the Equine Center. More than 100 participants learned the basics during classroom lectures and then had the opportunity to observe horse judging at the Equine Center.

Topics included judging conformation, Western pleasure, hunter under saddle, equitation and reining. Participants learned about organizing and presenting oral reasons, as well as tips and hints for coaching youth.

Speakers included Shannon Eck, Tara Swanson, Erika Berg, Carrie Hammer, Matt Crouse and Paige Brummund. Thirty-one adults and 86 youth from North Dakota, Minnesota and Montana attended the workshop.

Berg Advocates for Red Meat in the Diet

On Thursday, Feb. 25, Eric Berg traveled to South Dakota State University, where he was the keynote speaker for the SDSU University Lecture Series. The title of his presentation was “Eating Like a Pig: The Role of Meat in a Healthy Human Diet.”

He noted that the diet is complex because of differing environmental experiences and genetic codes. However, his research using pigs, which are the animals closest to humans in anatomy and physiology, suggests that muscle-based diets versus plant-based diets could be a positive factor in reducing obesity and diabetes.

Berg’s research on human nutrition utilizing swine as the research subjects also was featured by the Pork Network in an article titled “Why we should be eating like a pig.” The article is available at www.porknetwork.com/news/why-we-should-be-eating-pig.

Living Ag Classroom

NDSU Saddle and Sirloin Club members and other College of Agriculture students participated in the Living Ag Classroom at the Red River Valley Fairgrounds the week of March 1. More than 2,000 students from area schools came to learn about farm products and agricultural topics.

More Community Outreach on page 6.
Farm Kids for a Day
Justin Crosswhite, lecturer, represented the department at the “Farm Kids for a Day” event at the North Dakota Winter Show in Valley City on March 7. Kids and adults were able to see and interact with live cattle, pigs, sheep, goats and horses, and ask questions about them and animal agriculture.

Animals at Bethany
Sheep Unit manager Skip Anderson and lecturer Loren Baranko took a few farm animals to Bethany Nursing Home in early April. The residents loved being able to pet the animals.

Kiddie Days
A free, hands-on agricultural learning experience geared toward day-care-, preschool- and kindergarten-aged children was held April 11-15 in Shepperd Arena. During a 20-minute visit, kids had the opportunity to see, touch and ask questions about various farm animals.

The event is coordinated entirely by members of the NDSU Saddle and Sirloin Club.

Fuzzy Wuzzy Horse Show
Eighty-eight people signed up for the Fuzzy Wuzzy Horse Show held April 17 at the NDSU Equine Center. This annual event is a casual, fun show and the perfect opportunity for youth to practice with their horse before show season starts.

Cows for Kids
The NDSU Collegiate Cattlewomen held Cows for Kids on April 21 at the West Fargo Public Library. Kids in kindergarten through fourth grade were welcome to play pin the tail on the donkey, listen to stories about agriculture read by our students and handle ranch gear.

Implementing Equine-assisted Psychotherapy: Theories and Practice
Held April 23, this was a day for members of the NDSU staff to explore the transformative healing power of the horse. The main presenter at the event was Molly DePrekel, a licensed psychologist who utilizes the unique relationship people have with animals and nature to assist her in therapy with clients.

DePrekel is the co-chair of the Certification Board for Equine Interaction Professionals and past president of the Equine Facilitated Mental Health Association. She also is an EPONA-approved instructor, and has taught and facilitated workshops and trainings around the country.

More Community Outreach on page 7.
Pride of the Prairie Show Pig Sale

The Livestock Sales and Marketing course (ANSC 380L) students, along with course instructor Stephen “Skip” Anderson, hosted the second annual Pride of the Prairie Show Pig Sale on Saturday, April 30, in Shepperd Arena.

The student-run sale sold 37 hogs from four consignors. More than 125 people attended the event. The average sale was $245, and pigs sold to buyers from two states.

David Newman and the swine Extension team presented numerous educational swine sessions as well.

The students thank the Animal Sciences Department for its support and all who were in attendance.

Discover U – Equine-guided Learning

NDSU Staff Senate held its second staff development opportunity called Equine Guided Learning on May 25. Equine-guided education (EGE) is an approach for personal growth and professional development that brings people and horses together.

It was a training with horses and humans meant to increase personal growth and professional development with structured activities.

Two afternoon sessions were held. The focus for the Staff Senate experience with HorseSong Coaching was team building. The facilitator for the event was Martha Olsen, who developed the HorseSong program and offered personal and professional coaching services, and equine-guided learning workshops.

Swine Research the Focus of an Article

David Newman’s research on reducing the variation in pork quality was the subject of an article in the National Hog Farmer. The research began with the National Retail Benchmarking Audit in 2012, and the research team recently completed the second round of research. See the full story at http://nationalhogfarmer.com/marketing/2015-research-review-reducing-variation-pork-quality.

Animal Sciences Department Featured in Publication

The Department of Animal Sciences was featured in the 2015 edition of Annual Highlights, an NDSU publication that focuses on the accomplishments of the North Dakota Agricultural Experiment Station and NDSU Extension Service (www.ndsu.edu/vpag/annual_highlights).

Included in the publication is an article titled “Research shedding light on cow pregnancy,” which highlights research being conducted by Carl Dahlen, Joel Caton and other scientists on campus, as well as scientists from the Central Grasslands Research Center (see Page 16).

Also in the publication is information on the new Veterinary Diagnostic Laboratory to be constructed in the near future on 19th Avenue North in Fargo (see Page 29).
Team Wrap-ups

Livestock Judging Team – Justin Crosswhite, Coach
During spring semester, the NDSU Livestock Judging Team once again was traveling the country to better itself in the evaluation of livestock and the communication skills necessary to defend those evaluations.

Team members were Lucas Anderson, Haylee Beehler, Jaden Carlson, Levi Elliot, Abby Ganyo, Bailey Hawbaker, Logan Hulst and Shelby Larson.

The team started the year with a trip to Denver, Col., for the National Western Stock Show, where the team finished in the top 20 overall. Next, the team traveled to the Sioux Falls (S.D.) Stock Show, where it was in the top 10.

The team wrapped up the semester at the National Meat Animal Evaluation Contest in Lincoln, Neb. The team was fourth in beef, fourth in meats, sixth in swine and seventh overall.

Individual placings were:
- Carlson - 15th in beef, ninth in meats and 16th in swine
- Hulst - 14th in swine
- Anderson - 19th in market animals

The team is excited for the opportunity to travel and compete in the fall, and the department is looking forward to big things from an excellent group.

Western Equestrian Team – Tara Swanson, Coach
The regular season for the NDSU Western Equestrian Team ended on Feb. 20 at the University of Minnesota-Twin Cities. Nine NDSU riders earned enough points in the regular season to qualify for the regional horse show held on Feb. 21. Riders qualifying for regionals were:

- Hailey Aagard, a senior from Wadena, Minn., novice horsemanship
- Caryn Meindl, a senior from Breckenridge, Minn., intermediate horsemanship
- Emily Harlow, a freshman from Stillwater, Minn., intermediate horsemanship
- Sheridan Heid, a freshman from Fridley, Minn., intermediate horsemanship
- Sarah Garrison, a junior from White Bear Lake, Minn., novice horsemanship
- Megan Haugen, a junior from Larimore, N.D. intermediate horsemanship
- Courtney Bolstad, a senior from Fergus Falls, Minn., intermediate horsemanship

NDSU had three riders qualify from regionals to move on to semifinal competition at the University of Findlay in Findlay, Ohio, on March 19-20. Those riders were Bolstad, Haugen and Garrison. Riders earned their trips to semifinals by placing first or second in their respective classes.

At semifinals, Garrison and Haugen received honorable mention recognition and Bolstad placed fourth, securing her a spot to compete at the Intercollegiate Horse Show Association (IHSA) National Horse Show.

The IHSA National Horse Show was held in Lexington, Ky., May 5-8. At this show, Bolstad finished eighth in intermediate horsemanship.

Dairy Judging Team – Todd Molden, Coach
The NDSU Dairy Judging Team took off for Fort Worth, Texas, to participate in the Southwestern Exposition and Livestock Show at the Fort Worth Stockyards in January.

Team members were Alex Fellbaum, Jeff Neil (team leader), Cheyenne Dockter and Marjenna McWilliam.

The team had a good day and finished in the top 10 in Holsteins, Brown Swis, and Jersey. Individual placings were:
- Dockter - eighth in Brown Swiss and 27th overall.
- Neil - 25th overall

The team members had several good practice workouts along the way and had a great time on the trip.

More Team Summaries on page 9.
Hunt Seat Equestrian Team
- Mattia Gunkelman, Coach

The NDSU Hunt Seat Equestrian Team had a very successful year as it competed against teams throughout Minnesota and Wisconsin. The team spent many hours at the barn practicing and preparing for competitions.

All their hard work paid off as they earned two reserve high-point team awards and five high-point team awards, the most ever for the NDSU Hunt Seat Team. Individually, the team represented NDSU well by taking home many top placing, with numerous high-point and reserve high-point riders.

The team had many regional qualifiers: Kayla Young, Rebecca Prasch, Morgan Samuelson, Samantha Stoel, Hailey Aagard, Erin Thelander and Bryn Halley.

They all competed against difficult competition and placed well at the regional show in Crookston, Minn., this spring semester. Young, Prasch, Aagard and Halley all placed in the top two in their class and moved on to the Zone competition held at West Texas A&M in Canyon, Texas, in April.

The team ended the season as the Zone 7, Region 3 high-point team for the year. This is the first time in history the NDSU Hunt Seat Team has earned this title.

The high-point team from each region can send a full team of riders to Zones to compete for team placings. The Zones team consisted of Young, Samuelson, Nick Scarberry, Dana Williams, Bridget Kackos and Emma Ballard. The team placed third in the Zone competition.

Overall, the Hunt Seat Team had a very strong year full of talented riders and top placings. We look forward to carrying that momentum into next season.

2016 Spring Semester Meats Judging Summary – Rob Maddock, Coach

The 2016 NDSU Meats Judging Team, which consisted of Francesca Holecek, Kala Schleif, Cristina Hernandez and Jacob Arntzen, participated in three contests in spring semester 2016.

The team traveled to Denver for the National Western and Ames, Iowa, for the Iowa State University Invitational, and team members Holecek and Schleif participated in the Southeastern in Columbus, Ohio, and Lexington, Ky.

The team coach was Rob Maddock, and the assistant coach was Tyler Frick.

At the ISU contest, the team was fourth in summer sausage and Hernandez was high individual in specifications.

What have you been up to?

If you are an Animal Sciences Alum, we would love to hear from you. Please consider sharing an update with us and your fellow graduates by emailing Holly Erdmann (holly.erdmann@ndsu.edu). In addition to your news, please remember to include the year you graduated, your major, and your maiden name for women who have married since the graduated.
Vet Tech Students Learn Animal Venipuncture

Academic year 2015-16 was the first year in which the first-year Veterinary Technology students in the Clinical Techniques and Instruments course began training for doing animal venipuncture using new, lifelike limb models from the Surgi-Real company.

The students were able to aspirate a bloodlike substance while inserting a needle through a skinlike plastic layer and into a plastic vein to simulate the pattern and technique required when working on live animal patients.

The models were a huge success and will be utilized in future semesters on the training pathway to doing live animal venipuncture.

Vet Tech Student Appreciation Night

The Veterinary Technology program held its annual Student Appreciation Night on Monday, May 2, at the West Acres Bowl.

Students, instructors and staff members enjoyed a friendly bowling competition, potluck taco bar and great conversation to celebrate the achievements of the many wonderful students enrolled in the professional Veterinary Technology program.
Ag Week Award Winners

- Ag Week, hosted by the NDSU Ag Coalition, was held April 11-16. The Ag Coalition is a select group, open to sophomores, juniors and seniors from all majors who have a passion for food, fiber and fuel. David Newman is the adviser for the group.

  Included in the activities was a student poster presentation/competition. Winners from the department were Josephine Osei (undergraduate winner) and Anna Peterson (People’s Choice Award).

  At the Ag Week banquet, Ashley Giedd and Peterson were named as Top Ten Seniors in the College of Agriculture, Food Systems, and Natural Resources.

  In addition, Marc Bauer received the George Washington Award, which is bestowed upon a faculty member who puts agriculture first and foremost, not only on the campus, but even on a global scale. The winner is a respected member of the agricultural community because of his or her knowledge, hard work and determination to continue to contribute to the industry we all love.

  Kim Vonnahme received the Owl Award, which is for a faculty member whose classes are always the most beneficial and fun to students at NDSU. These classes challenge students as well as prepare them for successful careers in agriculture.

Other News

- Gregg Bauman was hired as the swine unit manager. Bauman will fill the position created by the retirement of Ron Zimprich. Bauman was hired in March 2015 as the assistant swine unit manager. Prior to working at NDSU, he was a quality control lab supervisor for SunOpta in Alexandria, Minn.

- Jena Bjertness was hired as the assistant nutrition laboratory manager. She began her duties in this new position on March 1. Bjertness received her M.S. degree in Animal Science/Nutrition, working under the direction of Joel Caton, in the spring semester of 2015. She had been working as a quality management chemist for Cargill in Wahpeton, N.D., since January 2015.

- Hillary Cudmore, a student in the Veterinary Technology program, is the recipient of the 2016 LuAnn Lee Scholarship in Veterinary Technology. She will be presented with her financial award and a commemorative plaque at the fall 2016 North Dakota Veterinary Technician Association annual meeting in Bismarck.

- Carl Dahlen and David Newman have been granted tenure and promoted to associate professor. Kim Vonnahme and Sarah Wagner were promoted to professor. These changes take effect on July 1, 2016.
Department Accolades and Awards continued from page 11.

- Graduate students Faithe Keomanivong and Mary Rodenhuis; faculty members Lisa Christenson, Stacey Ostby, Alison Ward and Jordan Schrupp; and undergraduate students Kara Stegner and Rachel Schroeder were inducted into Gamma Sigma Delta, the honor society of agriculture.

- Shannon Eck, Equine Unit manager, was the recipient of an Individual Recognition Award in the professional category at the Staff Senate Employee Recognition Social on Tuesday, April 12. Criteria for the award include job performance, good working relationships and contributions to the whole community.

- Aykut Gram was a visiting scholar/post doc in the department from March to May, working on research projects with Anna Grazul-Bilska and Dale Redmer. Gram graduated from Istanbul University, Turkey, in 2009.

- Hanaa Monsour, a Ph.D. student studying under the direction of Kim Vonnamhe, won first place in the 2016 Northern Plains Biological Symposium, held April 8 on the NDSU campus. Monsour’s poster was titled “Impact of dietary protein levels during late pregnancy on the number of binuclear cells in sheep.” Other authors on the paper were Arshi Reyaz, Sheri Dorsam, Leslie Lekatz and Vonnamhe.

- Julie Nash, grants coordinator and office manager, was recognized for 15 years of service to NDSU, and Char Kuss, administrative secretary for the Veterinary Technology program, was recognized for 20 years of service at the Staff Senate Employee Recognition Social on April 12.

- J.W. Schroeder, who retired from the department and the NDSU Extension Service after more than 40 years on Dec. 31, was approved for emeritus status by NDSU President Dean Bresciani on Dec. 31.

- Tara Swanson, lecturer in the Equine Science program, was presented with the North American Colleges and Teachers of Agriculture (NACTA) Educator Award on April 14. The award winner is selected by NDSU to recognize outstanding teaching in agricultural areas at universities that are institutional members of NACTA.

- Ron Zimprich, retired Swine Barn herdsman, was recognized for his dedication to the North Dakota swine industry at the North Dakota Pork Council’s annual convention in Grand Forks on Feb. 19.

Alumni Updates

Tim Flakoll, B.S., ’81, Animal Science; M.S., ’85, Animal and Range Sciences, was awarded the 2016 Doctor of Service Award by the NDSU Blue Key Honor Society. The honor recognizes an individual exhibiting exemplary service to the state of North Dakota and NDSU. Flakoll is provost of Tri-College University, a higher education consortium consisting of NDSU, Minnesota State University Moorhead, Concordia College, North Dakota State College of Science, and Minnesota Community and Technical College. He also represents District 44 in the legislature, where he serves as chairman of the Education Committee.

Heather Frahm, B.S., ’14, Veterinary Technology, moved back to Wisconsin following graduation to work in a mixed-animal practice. She currently works as a veterinary technician at Big Sky Animal Medical Center, a referral and emergency clinic in Great Falls, Mont. Her future goals are to pursue an M.S. degree through the University of Missouri and one day specialize in clinical pathology.

Adele (Galvin) Harty, M.S., ’04, Animal Science (ruminant nutrition emphasis), is a cow-calf field specialist with the South Dakota State University Extension Service based in Rapid City. Harty was raised on a large cow-calf operation in eastern Colorado, where her passion for ranching and the beef industry began. She and her husband, Jim, own a small acreage, where they raise low-line Angus cattle to finish and market beef on the hoof directly to consumers. They have two children, Molly (7) and Owen (4), who enjoy spending time outside and helping care for the livestock. Harty received her B.S. degree in Animal Science from Oklahoma State University.

Logan Hulst, B.S., ’16, Animal Science, will attend Washington State University, Pullman, and pursue a graduate degree in animal genetics.

Morgan (Boyum) Knutson, B.S., ’14, Veterinary Technology, and her husband, Tyler, live in Lanesboro, Minn. She works at Lewiston Veterinary Clinic as the head technician. In her position, she spays and neuters animals, and does dental surgeries. She also sees patients for vaccines and wellness checks, and does other small-animal work. She also is involved in a program with one of the veterinarians called “Food Armor,” a program started by the West Virginia Veterinary Medical Association. The program is taking steps to eliminate residues in meat and milk from dairy animals that go to slaughter.

Jennifer Lukach, B.S., ’16, Animal Science, will attend veterinary school at the University of Minnesota or University of Missouri.

Kevin Mathews, B.S., ’16, Animal Science, will return to Southern California and commence his job search there.

Anna Peterson, B.S., ’16, Animal Science, will be attending the University of Minnesota, College of Veterinary Medicine, starting with fall semester 2016.

Rachel Schroeder, B.S., ’16, Animal Science, will be the assistant layer manager at Sunrise Farms Inc., Harris, Iowa.

Samantha Stoe, B.S., ’16, Animal Science and Equine Science, will be a dentition technician working with race horses at Canterbury Park in Shakopee, Minn.