

# May 2014



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# Wiseman receives Administrative Professional of Year honor

By Bernadette Van der Vliet | May 2014

Kelly Wiseman in the Office of Academic and Student Programs received the Administrative Professional of the Year Award April 24 sponsored by the University Store in the Wyoming Union.

Wiseman, staff assistant in the office, was selected by University Store staff members.

"Kelly is a truly exceptional employee, and without her I absolutely would not be able to operate in my position effectively," says Donna Brown, associate dean and director of the office, in her nomination.

Brown has taken on multiple administrative roles and says that has added to Wiseman's workload.

"Yet, she has maintained her ever-present positive and supportive attitude," says Brown. "I am well aware how blessed I am, as is the College of Agriculture and Natural Resources, to have such an exceptional employee in our midst."

Brown cited Wiseman's event planning and coordination skills and pointed to her efforts for the Brand of Excellence Scholarship banquet, the Community College Articulation Conference, and the college's spring commencement ceremony.

Wiseman serves on several committees across campus, including Advising Conversations, Career Conversations, Family Weekend Committee, Transfer Student Initiatives Committee, Classroom Scheduling Committee, and she is president of the Wyoming Chapter of Gamma Sigma Delta, the international honor society of agriculture.

"She always has been, and will continue to be, recognized as an exceptional ambassador for this office, the students, and the College of Agriculture and Natural Resources," says Brown.



*Kelly Wiseman receives the Administrative Professional of the Year award from University Store supply and art buyer Marnie Becker, left, and manager Misty Eaton.*



*Joining Kelly Wiseman from the Office of Academic and Student Programs are, from left, McCall Linke, Kerry Casper, and Donna Brown, associate dean and director.*

# Bergman receives outstanding graduate teaching award

By Bernadette Van der Vliet | May 2014  
Dylan Bergman in the Department of Ecosystem Science and Management received the North American Colleges and Teachers of Agriculture Outstanding graduate teaching award.

Brown, director of the Office of Academic and Student Programs, and Professor John Tanaka, head of the Department of Ecosystem Science and Management, presented the award April 11.

“Students have commented on this graduate assistant’s willingness to help, to always ensure they understood concepts before moving on, enthusiasm, and caring attitude in addition to his knowledge,” according to his nomination.

Bergman has been a teaching assistant the last two years in soils, rangeland ecology and watershed management, and in extension programming.



*Dylan Bergman was selected as a North American Colleges and Teachers of Agriculture Outstanding graduate teaching award recipient. Presenting the award were Donna Brown, director of the Office of Academic and Student Programs, and John Tanaka, head of the Department of Ecosystem Science and Management.*

# Students receive Gamma Sigma Delta honors

By Bernadette Van der Vliet | May 2014

More than 115 attended the Gamma Sigma Delta 2014 Honors Brunch April 12 in the Wyoming Union.

Gamma Sigma Delta is the international honor society of agriculture.

Receiving outstanding student awards were:

**Outstanding Sophomore** - Rael Otuya, agroecology

**Outstanding Junior** - Heidi Hanekamp, molecular biology

**Outstanding Senior** - Perry Baptista, agricultural business; Kristi Bear, ecosystem science and management; Emily Schroeder, family and consumer sciences; Tricia Jensen, molecular biology

**Outstanding Masters** - Anna Scofield, agricultural economics

**Outstanding Doctoral** - Judith Odhiambo, agronomy

## Department awards

### Agricultural and applied economics

Western Agricultural Economics Association Outstanding Senior - Perry Baptista

Outstanding Agricultural Business Senior - Jenny Beiermann

### Agricultural communications

Outstanding Senior - Sami Jo Heitsch; Carolyn Hageman

### Animal science

Honor Book - Trevor Strauch.

American Society of Animal Science: Sophomores - Gina Byrd, Katelyn Newman, Hannah Shoults, Laura Strohecker. Juniors - Emilee Brinton, McKensie Harris, Marley Mardock, Eilise Patrick, Brittney Rodgers. Seniors - Jayce Calhoon, McKenzi Digby, Tyler Gardner, Sarah Notti, Trevor Strauch, Payton Vigil

### Ecosystem science and management

Outstanding Senior (entomology - ENTO) - Tyler Harran; Catherine-Jane Angwin, renewable resources watershed management (REWM); Ryan Lermon (SOIL)

Graduate Student of Merit - Megan Wilson, ENTO; Clay Buchanan, SOIL; Renee King, REWM.

### Family and consumer sciences

Honor Book - Anna Harrower

**Microbiology**

Honor Book - Amanda Kinley

**Molecular biology**

Honor Book - Michael Dee Alley

Irene Rosenfeld Scientific Achievement Award - Tricia Jensen

**Plant sciences**

Honor Books - Prakriti Bista, Nick Gompert, Bailey Hallwachs

**Veterinary sciences**

Honor Book - Amanda Payne

**Outstanding Agriculturalist Award**

Brad Boner of Cole Creek Ranch

No slides are available in this gallery

# Sheep, cattle producer receives Gamma Sigma Delta Outstanding Agriculturalist Award

By Bernadette Van der Vliet | May 2014

Wyoming native and University of Wyoming alum Brad Boner received the Gamma Sigma Delta Outstanding Agriculturalist Award during this year's brunch and award ceremony.

He was presented the award Saturday, April 12, in the Wyoming Union by Cole Ehmke, GSD president, and Doug Zalesky, Laramie Research and Extension Center director, who nominated Boner.

Boner, in partnership with his two brothers and father, run their operation in Converse County. One-third of their stock is Angus cattle while the rest are Rambouillet and Targhee sheep. Aside from livestock, the operation also offers guided hunts for antelope and mule deer.

"Since I was 9 or 10 years old, (raising livestock) is all I ever wanted to do, and I've been fortunate enough to work in something I'm very passionate about," says Boner.

He says he is proud to receive recognition from fellow Wyoming producers and industry members.

"It's the highest honor to be recognized by your peers and that's pretty special," he says. "People in ag are a unique bunch, and a lot of great people work in this industry. I can't think of a better honor than to be recognized by those people."

Boner serves on six statewide and national agricultural associations and has been a member of four UW organizations. He serves as a producer member on the Laramie Research and Extension Center Sheep Unit Advisory Committee.

Involvement in the agricultural community is a way to stay connected to community and industry issues, he says.

"I think those associations make us more aware of what the challenges are in front of us and also it gives us a better message to approach the non-ag public with," explains Boner.

His youngest son is majoring in livestock business management at UW and has aspirations of returning to the family ranch. Boner says he's strived to teach all three of his children to sincerely enjoy what they're doing.



*Brad Boner receives the Gamma Sigma Delta Outstanding Agriculturalist Award from nominator Doug Zalesky, left, director of the Laramie Research and Extension Center, and Cole Ehmke, president of Gamma Sigma Delta.*

“I think you should be passionate about what you do and work hard at it, and if you put those two things together, success usually follows,” he says.



# Chronic disease burden in Wyoming

By Bernadette Van der Vliet | May 2014

Cent\$ible Nutrition Program and UW Extension nutrition and food safety educators began planning to address chronic diseases in Wyoming during their Spring Fling meeting April 15 in Casper. They heard details about the burden of chronic disease in Wyoming from Joe Grandpre of the Wyoming Department of Health and discussed ways to address the landscapes in five pilot counties: Albany, Laramie, Natrona, Sweetwater, and Teton. Feliciano Turner of the Prevention Management Organization of Wyoming presented the information.

No slides are available in this gallery

# Spring graduation May 10

By Bernadette Van der Vliet | May 2014



Graduation ceremonies are 1:30 p.m. Saturday, May 10, in the UW Field House.

There will be 83 undergraduates and 23 graduate students participating.

Speakers are graduating students Sami Jo Heitsch, Cheyenne, B.S. in agricultural communication, and Tyler Harran, Jamestown, North Carolina, B.S. in agroecology with a minor in insect biology.

Heitsch is the daughter of Pastor Jeff and Stephanie Heitsch and sister to her two older brothers Travis and Mitchell. Heitsch grew up in Cheyenne, graduated from Cheyenne East High School in 2010, and finished her associate's degree from Laramie County Community College in 2012. During her first two years of college, she served as the Cheyenne Frontier Days Miss Frontier.

She will graduate with her bachelor's degree and with minors in agriculture and applied economics and marketing communications. Her extracurricular activities have included serving as a college ambassador, serving in the Cardinal Key Honor Society, interning for the Wyoming Athletics Marketing Department, Wyoming Agricultural Experiment Station, and UW Extension, serving as a member of the Ranch Horse

Versatility Team, and working part-time for the Hilton Garden Inn.

Heitsch will move to Omaha, Nebraska, to work for RFD-TV in its social media department. Her goal is to continue educating the world about the agricultural industry.

Harran is the son of John and Robyn Harran. He has one brother, Austin. His father is from New York, and his mother from Texas. Together they grew up in North Carolina. They took many vacations, most of them involving long drives. The most memorable was following the Lewis and Clark Trail. They would drive to the Saint Louis Arch (“Gateway to the West”) and far beyond into places like Omaha, Laramie, Coeur D’Alene, Helena, Des Moines, and Spokane – always camping along the way. This is where he says he discovered his love for the West and what ultimately led him to UW.

After graduating from Ragsdale High School in 2009, he left his hometown to come to the University of Wyoming. He spent time in the Air Force ROTC and College of Business before discovering agroecology in 2010 through a friend and professor. Since then, he has been infatuated with figuring out ways to produce more food with fewer resources, he says. Harran has been a College of Agriculture and Natural Resources Ambassador for four years, received the Brand of Excellence Scholarship for four years, and received the Wyoming Weed and Pest Council Scholarship in 2013. He has volunteered at Wind Cave National Park in South Dakota, gone to Hawaii to live and work on a sustainable farm, and received grants to attend the Wyoming Agri-future Conference in 2012 and 2013.

He has been treasurer of the Agroecology Club and elected as the Gamma Sigma Delta Outstanding Senior in Entomology. Harran hopes to apply plant sciences in ways that use novel solutions to feed a growing population. Harran says he wants to take the concepts and applications of agroecology and focus them in a way that is for the greater good: from controlling pathogens in banana production, to increasing water retention on the range, he says these are the things that excite him.

# Changing Faces, Changing Places

By Bernadette Van der Vliet | May 2014

## **Welcome:**

**Biller, Sandra:** Albany County UW Extension, Cent\$ible Nutrition Program (CNP) assistant (4/1)

**Moore, Dasa:** Natrona County UW Extension, CNP assistant (4/1)

**Russell, Debra:** Laramie County UW Extension, CNP coordinator, senior (4/1)

# Presentations

By Bernadette Van der Vliet | May 2014

**Ehmke, Cole and Steve Miller.** "Taking the University to the People: 100 Years of the Cooperative Extension Service at the University of Wyoming," presented at the Phi Alpha Theta and UW History Club Conference, University of Wyoming, April 12. Ehmke presenting.

**Russell, Tina.** "Adapting Annie's Project to Wyoming," presented at the Women in Agriculture Educators National Conference, Indianapolis, April 2-3. Poster presentation.

# Seminars

By Bernadette Van der Vliet | May 2014

## **Department of Molecular Biology Seminars:**

*Fridays, 2:10-3 p.m., Animal Science/Molecular Biology building, room 103*

**May 2:** "Metabolic Enzymes Control Cell Life/Death Decisions Through the Mitochondria," Daria Mochly-Rosen, Stanford University

## **Research across Disciplines Seminars:**

*Fridays, 2 p.m., Ag C building, room 1030*

**May 2:** "Riparian vs. Upland Forest Stand Structure and Fuel Loads in Mountain-pine-beetle Infested Watersheds, Southern Rocky Mountains," Kate Dwire, United States Forest Service Rocky Mountain Research Station

# Monies Awarded

By Bernadette Van der Vliet | May 2014

**Brown, Donna:** \$1,400 from various sponsors for “Family and Consumer Sciences Support.”

**Cammack, Kristi:** \$11,264 from U.S. Geological Survey for “Rumen Microbial Changes Associated with High Sulfur Yr. 1 of 2,” and \$35,233 from Wyoming Water Development Commission for “Rumen Microbial Changes Associated with High Sulfur Yr. 2 of 2.”

**Gomelsky, Mark:** \$209,760 from NIH for “Bacteriophytochrome-based Optogenetic Tools for Mammalian Gene Regulation.”

**Latchininsky, Alexandre, and Larry Debrey:** \$27,854 from USDA Animal and Plant Health Inspection Service for “Wyoming Cooperative Agriculture Pest Survey.”

**Raisbeck, Merl:** \$720 from various sponsors for “Miscellaneous Analysis.”

**Schamber, Robin:** \$12,000 from various sponsors for “Sublette County Extension Program.”

# Proposals Submitted

By Bernadette Van der Vliet | May 2014

**Bisha, Bledar:** \$35,000 to U.S. Department of Defense for “Rapid ID of Microbial Pathogens from Food, Water and Environmental Samples,” \$22,000 to U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) for “Multiplex Pathogen Detection Platform (MPDP): Simultaneous Detection of Microbial Pathogens in a Single Sample,” and \$18,685 to National Aeronautics and Space Administration for “Exploring Bacteriophage-based Signal Amplification for Detection of Microbial Products.”

**Bisha, Bledar, Jeffrey Chandler,** Alan Franklin, Sarah Bevins, and Kurt VerCauteren: \$198,162 to University of California, Davis for “Contamination of Leafy Green Crops with Foodborne Pathogens: Are Wildlife a Problem.”

**Chandler, Jeffrey, and Bledar Bisha:** \$149,958 to USDA NIFA for “Assessing the Role of Food Antimicrobials and Sanitizers in the Physiology and Evolution of *Escherichia coli* O157:H7 in a Simulated Food Production Environment.”

**Chichester, Kellie, Sandra Frost, and Caleb Carter:** \$2,000 to Farm Credit Services of America for “Grain Bin Extrication Training for Farmers and Fire Fighters in Wyoming.”

**Crawford, Warren, and Kimberly Reaman:** \$194,460 to Bureau of Educational and Cultural Affairs for “American Youth Leadership Program with Ghana: Enhancing Global Perspectives in Youth.”

**Garcia y Garcia, Axel:** \$15,000 to Western Sugar Cooperative for “Phosphorus Cropping Systems and Irrigation Effect on Sugar Beet Yield and Quality,” and \$12,250 to Miller Coors, LLC for “Miller Coors Variety Trial.”

**Gomelsky, Mark,** Qian-Quan Sun, and Anna Lyuksyutova: \$1,407,976 to National Institutes of Health (NIH) for “cNIRW, a High-resolution Neuronal Circuits Mapping System.”

**Hild, Ann, Timothy Collier,** and Mike Williams: \$9,988 to Marathon Oil Company for “Nutrient Cycles and Insect Herbivory in Riparian Floodplains Relative to Presence of the Exotic Russian Olive and Native Shrub Species.”

**Jeliazkov, Valtcho,** and Ami Erickson: \$21,800 to USDA Foreign Agricultural Service for “Local Food Production: High vs. Low Tunnels for Veggies and Herbs.”

**Moss, Gary:** \$7,500 to Betaseed Inc. for “Production Characteristics of Varieties of Conventional Sugar Beets,” and \$1,800 to SunOpta for “Production Characteristics of Confection Sunflowers.”

**Wade, Christine, and Warren Crawford:** \$425,730 to William T. Grant Foundation for “The Effects of Rural Out-of-school Time Program Settings on Positive Youth Development.”



# **Latest videos from University of Wyoming Extension**

By Bernadette Van der Vliet | May 2014

**Grand Encampment Tramway**

**Selecting Grass Seed**

**Overland Trail Platte River Crossing**

**A Guide to Ground Covers**

**Carbon County**

**Understanding Seed Packets**

**Evergreen Ground Cover**

**Cross Country Skiing**

**Ice**

**Saratoga Fish Hatcher**