

Dairy Science Showcase

UW-Madison DeJoep Hall

November 6, 2014



COLLEGE OF
AGRICULTURAL & LIFE SCIENCES
University of Wisconsin-Madison



DEPARTMENT OF
DAIRY SCIENCE
University of Wisconsin-Madison

Notes:

W. D. Hoard Memorial Scholarship: *This scholarship, which is given in honor of the former Governor of Wisconsin and founder of Hoard's Dairyman magazine, is for a student with unusual proficiency in some area of dairying, dairy production, dairy manufacturing or marketing, or dairy journalism.*

Undergraduate: Cassandra Endres, Waunakee, WI; Cody Getschel, Osceola, WI
Graduate: Ashley Mikshowskey, Westby, WI

WALSAA Outstanding Sophomore Award: *WALSAA selects several outstanding sophomores who have demonstrated excellence in academics, leadership and service to the University and their community. These students are awarded a financial gift to apply toward tuition in their junior year at UW-Madison.*

Bethany Dado, Amery, WI; Erica Ballmer, Janesville, WI; Abigail Ball, East Troy, WI

William & Janice Ward Family Agricultural Enrichment Scholarship: *This CALS scholarship is awarded to undergraduate students majoring in dairy science. After returning serving in the U.S. Navy during World War II, William W. Ward graduated with a BS in Agricultural Education in 1948 from the University of Wisconsin. Ward and his wife Janice ran a dairy farm for more than 40 years in Fort Atkinson where they were active in the community. In addition to farming, Mr. Ward served on the board of Education, Rotary, the Bank of Fort Atkinson, the Fort Atkinson Memorial Hospital Foundation, and the Fort Atkinson Historical Society. This scholarship is in memory of the Ward family and their contribution to community and agriculture.*

Anthony Schmitz, Fond du Lac, WI; Sara Griswold, Black Earth, WI

Wisconsin Rural Opportunities Foundation Award: *This CALS scholarship is provided by Wisconsin Rural Opportunities Foundation. It is awarded to undergraduate students in CALS from Wisconsin family farms.*

Collin Wimmeler, Waldo, WI

Wisconsin Rural Youth Scholarship: *This CALS scholarship is provided by the CALS Board of Visitors. It is awarded to students who have attended a rural Wisconsin high school.*

Sarah Witt, Ontario, WI; Sierra Lurvey, Lone Rock, WI; Janelle Remington, Juneau, WI

Mission Statement:

"The mission of the UW-Madison Department of Dairy Science is to discover, develop and disseminate knowledge that improves the quality of milk and the efficiency and profitability of its production around the world. Our work helps the dairy industry provide wholesome products to consumers in economical, humane and environmentally sound ways."

Dairy Science Showcase

Schedule of events:

9:30-10:00am Arrival and Check-in

10:00-10:15am Welcome - **Department Chair Kent Weigel**

10:15-12:15pm Presentation of findings from \$1 million USDA Project

“An Integrated Approach to Improving Dairy Cow Fertility”

10:15-10:45am **Paul Fricke**

10:45-11:15am **Randy Shaver**

11:15-11:45am **Victor Cabrera**

11:45am – 12:15pm **Connie Cordoba**

12:15-12:30pm Introduction of Marshfield-based management specialist: **Matt Atkins**

12:30-1:30pm Graduate Student Poster Session and Hosted Lunch

Poster Session Sponsored by Furst-McNess Company

Lunch Sponsored by Rock River Laboratory, Inc.

1:30-2:30pm Graduate Student Presentations

1:30-1:45pm **Catie Cramer** (Amy Stanton Lab) *Associations between bovine respiratory disease complex and the probability and latency of group-reared neonatal dairy calves to approach a novel object or stationary person*

1:45-2:00pm **Rob Rowbotham** (Pam Ruegg Lab) *Quantification of microbial populations in organic and inorganic dairy cattle bedding materials*

2:00-2:15pm **Paulo Carvalho** (Paul Fricke Lab) *Modifications to Ovsynch improve fertility during resynchronization: Evaluation of presynchronization with GnRH 6 d before Ovsynch and addition of a second PGF treatment*

2:15-2:30pm **Jimena Laporta** (Laura Hernandez Lab) *Infusion of a 5-hydroxy-L-tryptophan (5-HTP) to late-lactation cows impacts circulating calcium and glucose concentrations*

2:30-3:00pm Research & Development for the Dairy Industry at UW-Madison - How does it work and how has it changed? - **Kent Weigel**

3:00-3:20pm Town Hall Q & A

3:20-3:40pm Recognition of Scholarship Recipients – **Laura Hernandez**

3:40pm Ice Cream Social

Otto and Gaylord Hill Family Dairy Science Legacy Scholarship: *This CALS scholarship is provided in honor of Otto and Gaylord Hill, two progressive farmers who both completed the University of Wisconsin Short Course in 1905 and 1939 respectively. The Hill scholarship is awarded to two students with a dairy science major.*

Erica Ballmer, Janesville, WI; Bethany Dado, Amery, WI

Paul McShane Memorial Scholarship: *A CALS scholarship provided in honor of Paul McShane, who spent his entire career in the cheese business.*

Sara Harn, Brooklyn, WI

Peter Young Student Assistance Grant: *A CALS scholarship provided in honor of Peter Young.*

Elizabeth Sarbacker, Verona, WI

Robert J. Spitzer Dairy Science Scholarship: *This CALS scholarship is provided in honor of Robert J. Spitzer. It is awarded to undergraduate students in CALS in the Department of Dairy Science. Recipients must have demonstrated academic achievement. Preference is given to a student from a Wisconsin dairy farm.*

Matthew O’Leary, Brandon, WI

Robert P. & Edna B. Niedermeier Dairy Science Memorial Scholarship: *An award in memory of Robert Niedermeier, who had a long successful and distinguished career as a teacher, researcher, and public leader in the field of dairy science. The Niedermeier scholarship is awarded annually to undergraduate students in dairy science.*

Sara Witt, Ontario, WI; Megan Lauber, Union Grove, WI

Rock River Laboratory Scholarship in Memory of Twilah Kulow: *This CALS scholarship is provided in honor of Twilah Kulow. Twilah was a lab manager at Rock River Laboratories in Watertown. She graduated from UW-Stevens Point with a degree in Wildlife and Agricultural Science/Game Management.*

Diana Zimdars, Ripon, WI

Ruth and Carl Miller Academic Merit Award: *A CALS scholarship provided in honor of Ruth and Carl Miller. This merit scholarship is awarded to undergraduate or graduate students who demonstrate strong academic and leadership characteristics.*

Abigail Martin, Janesville, WI; Charles Hamilton, Cuba City, WI

Awards continue ---->

Joseph and Sharon Darcey Dairy Science Legacy Scholarship: *This CALS scholarship is provided in honor of Joseph and Sharon Darcey. It is awarded to undergraduate students in CALS majoring in Dairy Science with academic achievements.*

Charles Hamilton, Cuba City, WI; Abigail Martin, Janesville, WI

Larry D. Satter AWA Scholarship: *This CALS scholarship is provided in honor of Larry D. Satter, one of the world's foremost dairy nutritional scientists and emeritus faculty at the University of Wisconsin-Madison. One of his most treasured satisfactions was to witness the progress and success of the Association of Women in Agriculture.*

Lindsey Hellenbrand, Cross Plains, WI

Manitowoc County UW Agriculture Alumni Association Scholarship: *This CALS scholarship is provided by the Manitowoc County UW-Agriculture Alumni Association Board. It is awarded to students from Manitowoc County enrolling in agriculture and life sciences majors at the University of Wisconsin-Madison, Platteville, River Falls, Green Bay or Stevens Point.*

Antoinetta de Bruijn, Manitowoc, WI

Manitowoc County Farm Progress Days Donald R. Peterson Scholarship: *Awarded to a deserving individual who has been accepted to a 4-year degree program in an Ag-related field to one of the following Universities: UW-River Falls, UW-Madison, UW-Platteville, or UW-Stevens Point.*

Antoinetta de Bruijn, Manitowoc, WI

Neal and Darlyne Jorgensen Dairy Science Award: *This CALS scholarship is provided in honor of Neal and Darlyne Jorgensen. Neal Jorgensen was a faculty member in the Department of Dairy Science for four decades working in the area of dairy nutrition and CALS administrator which, included serving as interim dean of the College. The Jorgensen scholarship is awarded to top undergraduate students in CALS majoring in Dairy Science.*

Logan Voigts, Platteville, WI; Kristen Broege, Janesville, WI

Olaf Larson Wisconsin Rural Youth Scholarship: *In honor of Olaf Larson who was born on a farm in Edgerton, Wis., and graduated from the University of Wisconsin-Madison with bachelor's and master's degrees in journalism. He later earned a doctorate degree in rural sociology, then was a professor at Cornell University in Ithaca, N.Y., from 1946 to 1975. For eight years, he worked for the U.S. Department of Agriculture. Eligible students must have attended a rural Wisconsin High School.*

Janelle Remington, Juneau, WI

Dairy Science Scholarships and Recipients

Anton G. "Tony" Sendelbach Scholarship: *This CALS scholarship is provided in honor of Anton G. "Tony" Sendelbach, an emeritus professor of dairy science who helped lay the groundwork for computerized dairy herd management. The Sendelbach scholarship was set up with the purpose of supporting scholarships in the Department of Dairy Science.*

Elizabeth Endres, Waunakee, WI

Association of Women in Agriculture Scholarship: *This CALS scholarship is provided by the Association of Women in Agriculture Corporation. AWA was one of the first organizations in the U.S. created specifically for women in agriculture. Their goal is to help bring women with agricultural interests together and help them prepare for professional careers. The AWA scholarships are awarded to members of AWA for their academic performance, AWA activities and other activities.*

Rachel Hartlaub, Cleveland, WI; Sydney Endres, Lodi, WI; Cassandra Endres, Waunakee, WI

AWA House Scholarship: *This CALS scholarship is provided by the Association of Women in Agriculture Corporation. Founded in 1973, these forward thinking women sought to form a unified group that would improve communication among women in agriculture and aid them in achieving their goals. This scholarship is awarded to a member of AWA who demonstrates leadership and teamwork among house members.*

Kayla Krueger, Marion, WI; Erica Ballmer, Janesville, WI

Charles Eckburg Memorial Scholarship: *This scholarship provides support to four students per year, one in each of the freshman, sophomore, junior and senior classes. Students must major in dairy science, demonstrate academic achievement and have interest in working in the dairy industry.*

Melissa VanderSanden (Senior), Oregon, WI; Sierra Lurvey (Junior), Lone Rock, WI; Bradley Warmka (Sophomore), Fox Lake, WI; Elizabeth Sarbacker (Freshman), Verona, WI

Chris L. Christensen CALS Scholarship: *This scholarship is for students in the Farm and Industry Short Course (FISC) or undergraduates in CALS or SoHE. The recipients are to be freshman or first-year FISC students with a farm background.*

Megan Lauber, Union Grove, WI

Dairy Science Department Scholarship: *This CALS scholarship is provided by the Department of Dairy Science. It is awarded to CALS undergraduate students majoring in Dairy Science. Preference is given to incoming freshmen.*

Janelle Remington, Juneau, WI; Courtney McCourt, Saint Cloud, WI; Joseph Mulcahy, Dane, WI; Taylre Wilke, Loyal, WI; Andrew Sell, Watertown, WI; Carissa Brooks, Monroe, WI; Anna Blake, Pine River, WI; Derek Donnelly, Hager City, WI; Sydney Endres, Lodi, WI; Robert Fugate, Grafton, WI

Daughters of Demeter AWA Scholarship: *For students who are members of the Association of Women in Agriculture Organization. This scholarship is provided by the Daughters of Demeter Organization, a volunteer group from the College of Agricultural and Life Sciences. The Daughters of Demeter recognizes outstanding students for their academic achievement in hopes to incentivize further studies in agriculture.*

Bethany Dado, Amery, WI

Edna F. and Walter E. Schmidt Academic Merit Award: *This CALS scholarship is provided in honor of Edna F. and Walter E. Schmidt. It is awarded to CALS sophomore, junior, or senior students in the Department of Dairy Science with high academic achievement.*

Jessica Dercks, Kaukauna, WI; Ryan Selz Pralle, Humbird, WI

Edna F. and Walter E. Schmidt New Freshman Academic Merit Award: *This CALS scholarship is provided in honor of Edna F. and Walter E. Schmidt. It is awarded to CALS incoming freshmen in the Department of Dairy Science with high academic achievement.*

Antoinetta de Bruijn, Manitowoc, WI

Elizabeth Vergeront 4-H Scholarship: *Awarded to a CALS sophomore who has completed at least three years of 4-H work including at least one year of active participation as a junior leader. Provided in honor of Elizabeth Vergeront.*

Elizabeth Endres, Waunakee, WI

Eunice & Howard Ream Memorial Foundation Scholarship: *Provided in honor of Eunice and Howard Ream and awarded to CALS undergraduate or graduate students majoring in agronomy or plant breeding and genetics.*

Matthew O'Leary, Brandon, WI

Fest Family Agricultural Enrichment Scholarship: *This CALS scholarship is provided by the Fest Family Agricultural Enrichment Fund. The scholarship is meant to provide a flexible budget to support and attract students to dairy science with a special feel for communications, to enhance experimental research opportunities, to take advantage of unique learning opportunities and technologies, and to support faculty in their quest of new instructional approaches and techniques.*

Meghan Skiba, Cambridge, MN; Justin McClelland, Viroqua, WI;

Frank Barron Morrison Scholarship: *This CALS scholarship is provided in honor of Frank and Elsie Morrison. Dr. Frank Barron Morrison was recognized as an authority in animal nutrition and feeding and was a prominent authority on animal feeding problems. This scholarship is awarded an outstanding senior majoring in Dairy Science who is considered a future leader in his/her field.*

Elizabeth Binversie, Kiel, WI

Frank Lessiter Ag Media Scholarship: *Awarded to a Life Sciences Communication student who is actively pursuing a career in agricultural news media.*

Cassandra Endres, Waunakee, WI

Fred Pabst Memorial Scholarship: *This CALS scholarship is provided in honor of Fred Pabst by his family and friends, in order to memorialize his worldwide leadership in dairy cattle breeding and his deep affection for the University of Wisconsin-Madison. This scholarship is awarded to students with majors relating to the breeding, selection, feeding and/or management of dairy cattle who demonstrate character, leadership ability and scholarship.*

Collin Wimmeler, Waldo, WI;

Georgia M. Hellberg Scholarship: *Awarded to male undergraduate students in CALS studying agriculture. Preference is given to students with a farming background. This CALS scholarship is provided in honor of Georgia M. Hellberg.*

Ryan Selz Pralle, Humbird, WI; Bradley Warmka, Fox Lake, WI

Gus Bohstedt (Kiwanis Club of Downtown Madison) Scholarship: *This CALS scholarship is provided in honor of Gus Bohstedt and awarded to undergraduate or graduate students in CALS majoring in Animal Science or Dairy Science and studying animal nutrition.*

Elizabeth Binversie, Kiel, WI

Hendricks Family Dairy Science Legacy Scholarship: *This CALS scholarship is provided by Carol Hendricks in honor of her father, Henry A. Johnson, a dairy farmer in Waukesha, WI. It is awarded to undergraduate students in CALS who are majoring in Dairy Science, with the objective of furthering the education of young people who will help solve domestic and international problems in agriculture.*

William Walleser, De Soto, WI; Emil Walleser, De Soto, WI

Helgren Family Wisconsin Rural Youth Scholarship: *Awarded to students who have attended a rural Wisconsin high school provided in honor of the Helgren Family. Preference given to incoming freshmen.*

Janelle Remington, Juneau, WI

John Klossner Memorial Scholarship: *Established in cooperation with Horizon Organic LLC, this scholarship is given to an undergraduate student majoring in dairy science in remembrance of John R. Klossner, a student from New Glarus WI who passed away in summer 2013.*

Carrie Warmka, Fox Lake, WI