

MICHIGAN DAIRY

MEMORIAL AND SCHOLARSHIP FOUNDATION

Annual Newsletter
ISSUE 18 | SEPTEMBER 2020

The Michigan Dairy Memorial Scholarships Fund: At A Glance

Thanks to the generous support of donors, the Michigan Dairy Memorial and Scholarship Foundation (MDMSF) at Michigan State University (MSU) is proud to highlight an impressive list of scholarships:

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•\$1,500 for fall semester to five freshmen in Ag Tech or 4-year program

•\$2,000 for fall semester to five Ag Tech Students

•\$3,500 over two semesters up to 10 students in a 4-year program

•**Glenn and Anne Lake Scholarship** - \$7,500 over two semesters

•**Russel Erickson Scholarship** - \$5,000 over two semesters

•**John and Barbara Dilland Scholarship** - \$4,000 over two semesters for two students majoring in Agribusiness Management

•**Redmond and Edna Cotter Purina Memorial Scholarship** - \$4,000 over two semesters for a student in veterinary school with preference extended to those with international interest

•**Jack and Betty Barnes International Scholarship** - scholarships for international experiences

•**Archie Studer Scholarship** - \$4,000 over two semesters for a student with interest in dairy breeding or production

•**Donald and Valera Murray Scholarship** - \$4,000 over two semesters

•**Velmar Green Scholarship** - \$4,000 over two semesters for a second-year student in the Ag Tech Dairy Management Program

•**Harold and Lillian Gremel Scholarship** - \$4,000 over two semesters for a student in veterinary school

•**Nick Bellows Scholarship** - \$4,000 over two semesters for a student with interest in dairy promotion

•**George and Shirley Hazle Scholarship** - \$4,000 over two semesters for a student with a strong 4-H background

•**Trimner Endowment** - \$4,000 scholarship for the MMPA Food Systems Fellowship intern or a veterinary student pursuing a career in bovine medicine



PRESIDENT'S MESSAGE

Bridgette Voisinet



It is a pleasure to serve on behalf of the countless families and organizations that have looked beyond themselves to support their industry through the foundation. From endowed awards to recognition of industry champions, a spirit of gratitude and giving back prevails! So, on behalf of the Michigan Dairy Memorial Scholarship Foundation (MDMSF) board, I pause to congratulate recipients of foundation funds that were granted during the 2019/2020 academic year. In addition to 29 students that received \$100,000 in direct awards, we were able to support dairy cattle, dairy records and dairy product evaluation teams, benefiting students through their attendance at industry events. College, and targeted extra-curriculars during these developmental years, are often transformative experiences shaping interests and choices for a lifetime. What better way to show the value of an industry than by helping talented young people get more involved? Thank you also, to the instructors, researchers, counselors, coaches and industry advisors that share their passion, knowledge and experience with these students in many meaningful ways. It is the people that drive the industry, and we have been gifted with many great leaders, thinkers and servants.

Thankfully, we've also been blessed with many givers! In the 60-plus years that the MDMSF has existed, hundreds of students have benefited from the generosity of both those early pioneers with a dream of supporting college educated dairy professionals, and today's dairy producers and advocates who have determined that leaving a legacy for the industry is vital. I encourage all to consider how they might both provide a tribute to individuals who have contributed to the dairy industry and help prepare the next generation of dairy advocates through donations to the foundation. With continued dramatic change in the industry, preparing for our future while honoring our past seems some of the best things we can do! If you have a suggestion for someone to honor, or know of a student with dairy interest who could benefit, don't hesitate to contact a MDMSF board member.



TRIMNER ENDOWMENT

Gary Trimner, retired MMPA Director of Member Services, and his wife, Carolyn, established an endowment to support interns in the MSU Food Systems Fellowship Program through the Michigan Dairy Memorial and Scholarship Foundation. As a long-time leader in the dairy industry, Gary and Carolyn established the endowment to benefit organizations and programs that are committed to developing the next generation of industry professionals.

While working at MMPA, Gary helped establish the Food Systems Fellowship Program and realizes the value it brings to Michigan's dairy industry, a reason the program is at the core of the endowment. "We saw that the number of large animal veterinarians was getting less and less and we knew that we needed more and more."

Further incentivizing participation in the program through the endowment allows Gary to continue his role in bettering the dairy industry's future. "The goal of establishing the endowment was to benefit the Food Systems Fellowship Program in the MSU College of Veterinary Medicine, MMPA and the dairy industry. We thought it was a great way to tie together our support for those three areas."



JOHN KRONEMEYER

2019-2020 Dairy Memorial Honoree

In recognition of John Kronemeyer's impact on Michigan's dairy industry, contributions by Michigan Milk Producers Association and many other individuals who knew John were made in John's name to the Michigan Dairy and Memorial Scholarship Foundation to recognize him as a Foundation Honoree.

John Kronemeyer milked cows for nearly his entire life. What began as a boy convincing his dad to buy a cow to provide milk for his family, ended as lifelong dairy farmer milking hundreds of cows on his own operation in Pickford, Michigan.

He took an active leadership role in Michigan's dairy industry serving on dairy industry and promotion boards locally, regionally and nationally. John shared his voice serving as Chippewa County Farm Bureau Chairman (1974-1984), Michigan Dairy Herd Improvement Association President (1985-1989), Growing Upper Peninsula Ag Advisory Committee (1972-1982), Michigan Ag Commission Chairman (1984), Upper Peninsula State Fair Board and National Dairy Herd Improvement Resolutions Committee Chairman (1987-1989).

John was also a leader at MMPA, serving as District 12 Outstanding Young Dairy Cooperator in 1972, Chippewa Local Secretary from 1995 to 2015 and on the Board of Directors as District 12 Director from 1998 to 2015. In every role he filled, John represented his fellow dairymen fairly and justly, making decisions on their behalf and guiding the future of the cooperative.

John's work and leadership within the dairy industry was recognized through kind words, along with awards, throughout his lifetime. He was awarded Michigan State University (MSU) Dairyman of the Year in 1981 and in 2003 received the MSU Agriculture Distinguished Service Award and was inducted into the Michigan Ag Hall of Fame.



DR. TED FERRIS

2019-2020 Dairy Memorial Honoree

Theodore (Ted) Ferris, Ph.D., has been a recognized faculty member in the Michigan State University (MSU) Department of Animal Science and member of the national dairy science educational and research communities for more than 40 years.

Ted grew up on a dairy farm in Pennsylvania. He earned his Bachelor of Science degree in Animal Industry-Dairy Science in 1971 from Pennsylvania State University. He moved to East Lansing for his graduate degrees, completing a Master of Dairy Science with an emphasis on nutrition and calf health in 1974,

and a Ph.D. in Dairy Cattle Breeding and Genetics in 1981.

Joining the MSU Animal Science faculty in 1981, Ted divided his time between Extension and research. Ted led countless Extension meetings benefiting producer and industry education. He helped spearhead creation of "Breakfast on the Farm" events which seek to share dairy's story and connect the public to food production. Ted was committed to personal development, advised several graduate students and served as adviser to the MSU Dairy Club.

Active in research, Ted's work has had tangible impacts on Michigan's dairy producers through improved awareness of biosecurity practices, enhanced understanding of the economics surrounding cow and sire selection strategies, the use of embryo transfer, and the value of using pedigree information for sire and dam selection.

In addition to his Extension and research appointments, Ted has served as Dairy Extension Program Leader, coach of the Animal Ag Area of Expertise (AoE) Teams, and as faculty coordinator for research at the MSU Dairy Teaching and Research Center since 2007.

Ted's impact on the industry will continue through his legacy of involvement with the Secure Milk Supply Regional Partners, the Breakfast on the Farm Statewide Council, and the Great Lakes Regional Dairy Conference program committee.

CELEBRATE DAIRY LEADERS WITH THE GIFT THAT KEEPS GIVING

Name an MDMSF Honoree

One of the ways the Michigan Dairy Memorial and Scholarship Foundation (MDMSF) grows its endowment fund is by honoring individuals for their distinguished service to Michigan's dairy industry. More than 200 individuals have been named MDMSF Honorees since the foundation's establishment over 50 years ago.

A gift of \$1,000 or more to the MDMSF provides permanent recognition and honors a dairy leader for their service and contributions to the dairy industry. Foundation honorees receive personal recognition from the foundation and their names are inscribed on a plaque in Anthony Hall at MSU. Honoree biographies and photographs are kept in permanent records in the MSU Department of Animal Science. In addition, photographs of MDMSF Honorees are displayed at the MSU Pavilion for Agriculture and Livestock Education.

The items needed for naming an MDMSF Honoree include: a \$1,000 contribution to the MDMSF, an 8x10 photo of the honoree and a one-page biography on the honoree. Many times the presentation to an MDMSF Honoree takes place at an industry or MDMSF event. At other times, an individual is honored posthumously for their service to the industry through a presentation to the deceased honoree's family.

By honoring individuals through the MDMSF, donors are not only recognizing individuals for their accomplishments in the industry, but they are also investing and providing support to future dairy leaders. As the foundation endowment grows, additional scholarships can be awarded. With the increasing costs of higher education, scholarships often make the critical difference in the lives of students, enabling them to achieve their dreams for the future.

Naming someone as an MDMSF Honoree is a fitting tribute for recognizing someone who has served this great industry of ours. If you are interested in honoring someone through the MDMSF, contact:

- Any MDMSF board member
- Dr. Miriam Weber Nielsen at 517-432-5443 or [mws@msu.edu](mailto:mw@msu.edu)
- CANR Development office at 517-355-0284

MAKE A CONTRIBUTION TO MDMSF

When the occasion suggests flowers, consider a living, growing tribute.



MICHIGAN DAIRY MEMORIAL AND SCHOLARSHIP FOUNDATION

Where the earnings provide scholarships to worthy students in dairy industry-related fields.

Make checks payable to: Michigan State University
Designate: Michigan Dairy Memorial and Scholarship
Foundation (A10901)

MAIL TO:

Dr. Miriam Weber Nielsen
Department of Animal Science
Michigan State University
2265 Anthony Hall, 474 S. Shaw Lane
East Lansing, MI 48824-1225

SCHOLARSHIP RECIPIENTS 2019-2020

The Michigan Dairy Memorial and Scholarship Foundation (MDMSF) awarded more than \$100,000 in scholarships to 29 Michigan State University students pursuing dairy industry-related programs of study for the 2019-20 academic year.

Six MSU students were awarded \$3,500 scholarships from the Michigan Dairy Memorial and Scholarship Foundation: Kelsie Letts, Aaron Fahrner, Alexander Golin, Hailey Emmons, Miriah Dershem and Kristen Burkhardt.

Students pursuing a two-year certificate in the MSU Institute of Agricultural Technology dairy management program earned \$2,000 scholarships from the Michigan Dairy Memorial Scholarship Foundation: Rose Kuperus, Jessica Nash, Mikayla Bowen, Devin Haywood and Kassidy Thelen.

First-year MSU students were awarded the Michigan Dairy Memorial and Scholarship Foundation Freshman Scholarships worth \$1,500: Katie Wilson, McKenna Broughton and MaKayla Liermann.

The following eleven MSU students were awarded scholarships \$4,000 or more from the Michigan Dairy Memorial and Scholarship Foundation and are highlighted below: Madeline Meyer, Leta Larsen, Dean DeGroff, Cameron Cook, Darren Kulicamp, Austin Haywood, Lauren Heberling, Rebecca Herzog, Monika Dziuba, Kathryn Kesler and Wyatt Lamb.



MADELINE MEYER

Glenn and Anne Lake Scholarship

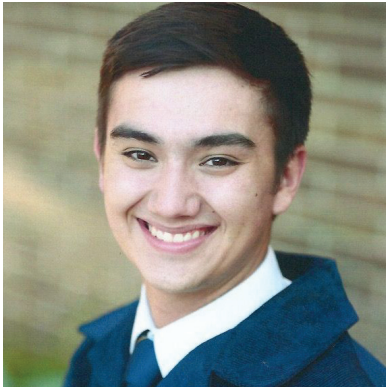
Madeline Meyer, of Ionia, Mich., was selected as the 2019-20 recipient of the Glenn and Anne Lake Scholarship through the MDMSF at Michigan State University (MSU). Meyer was selected for her outstanding academic achievements and her long history in the dairy industry.

“I firmly believe that being raised on the dairy with my five brothers was the best way to grow up, and I wish that everyone could’ve had that experience” Meyer said. “My roots in the dairy industry and the connections I’ve made are what have set me up for success not only in school but in life.”

Along with her experience of working on her family’s farm, Meyer has gained further experience serving as an intern for Purina Dairy Nutrition, as a Dairy Plant Worker at MSU’s dairy plant and as a research assistant at MSU’s dairy farm. Meyer has also served as State Convention Director for the Michigan FFA Association after serving as Region 5 State Vice President her freshman year of college. She’s active in MSU’s Dairy Club, Block and Bridle, MSU Dairy Judging Team, MSU Dairy Challenge Team, MSU Dairy Foods Evaluation Team and much more.

Meyer recognizes what the dairy industry has given her and she looks forward to one day returning the favor. After furthering her education, she plans on returning to a university to teach dairy science and coach the dairy judging team. Meyer is passionate about helping mold the next generation of dairymen and women, just like her advisors had guided her.

The Glenn and Anne Lake Scholarship, named after Michigan dairy farmers Glenn and Anne Lake, provides \$7,500 in scholarship money divided over two semesters. Glenn Lake served as president of Michigan Milk Producers Association and the NMPF. Lake provided leadership in creating the Great Lakes Milk Marketing Federation, which helped dairy farmers secure bargaining rights to market their milk.



AUSTIN HAYWOOD

Archie Studer Scholarship

Austin Haywood, of Hastings, Mich., was selected as the 2019-20 recipient of the Archie Studer Scholarship through the MDMSF at Michigan State University (MSU). Haywood was selected for his numerous experiences in the dairy industry and his impressive leadership qualities.

“The dairy industry has truly shaped me into who I am today, and it prides me to have the opportunity to make a lasting impact and investment in this industry that has provided so much to me,” said Haywood. “As I get towards the end of my studies, I am continually getting more excited to take my next step in the industry.”

Haywood is the sixth generation on his family’s 1,200-cow dairy operation, Sand Creek Dairy LLC. On his family’s farm, he serves as the herd manager and farmhand and is also the owner and primary laborer of Haywood Family Cheese, a family-owned business producing 2,000 pounds of Havarti cheese annually. Haywood is currently a junior majoring in animal science and minoring in agribusiness management at MSU. Haywood plans to return to his family’s dairy farm to continue to improve and implement progressive practices on the operation after graduation.

At MSU, Haywood serves as treasurer of both the FarmHouse Fraternity and the MSU Dairy Club. He served as the 2016-17 Michigan FFA State Secretary where he facilitated an annual statewide convention for 2,100 members, visited industry leaders and legislators and prepared leadership workshops for students across the state. Haywood believes that his experiences competing in Dairy Challenge and serving on the operating committee for the Spartan Production and Spartan Spectacular Sales has thoroughly prepared him for a successful future in the industry.

The Archie Studer Scholarship provides students with \$4,000 in scholarship monies to be used toward education expenses. The scholarship was named after the late Archie Studer who owned and operated Kenowa Acres Dairy Farm for more than 35 years.



REBECCA HERZOG

Hazle Scholarship

Rebecca Herzog of Paris, Michigan, was selected as the 2019-20 recipient of the Hazle Scholarship through the MDMSF at Michigan State University (MSU). Herzog was selected for her outstanding academic achievements, her proven leadership abilities and her passion for cattle.

“After years of participating in every facet within 4-H, I found a great passion for the agriculture industry,” said Herzog. “While my interests cover all species, my heart and true passion lies with cattle.”

Herzog grew up on her family’s show stock farm, Jabecty Showstock, where she works as an owner, managing their herd of 30 beef cattle and Boer goats, assisting in sire selection and artificial insemination, and administering the herd health plan. She has also worked at Waverly Animal Hospital as a veterinary assistant restraining animals, caring for boarded animals and communicating with clients. Herzog also has research experience, working in Dr. James Ireland’s lab superovulating and palpating cattle.

At MSU, Herzog is an animal science major with plans to graduate May 2021. After graduation, she plans on attending veterinary school with an emphasis in bovine embryology and the treatment of production animals. Herzog has plans to run her own embryology business, offering artificial insemination, in vitro and embryo flushing services with hopes to play a part in the advancement of bovine conception rates.

The George and Shirley Hazle Scholarship was established by their family to assist students with a strong background in 4-H.



DEAN DEGROSS

Donald and Valera Murray Endowed Scholarship

Dean DeGross, of Castile, New York, was selected as the 2019-20 recipient of the Donald and Valera Murray Endowed Scholarship through the MDMSF at Michigan State University (MSU). DeGross was selected for his exceptional academic ability and his future aspirations of giving back to the dairy industry.

DeGross has worked at three different dairy farms throughout college, including Brookscro Dairy in Quitman, Georgia, as an intern; Canyon View Farms in Perry, New York, as a farm manager; and as a farm employee on Gardeau Crest Farms in Perry, New York.

DeGross is active in the MSU Dairy Club, Block and Bridle Club and the Farmhouse Fraternity. DeGross's experience in the dairy industry began at a young age, riding with his grandfather completing bovine veterinary farm calls.

"Dairy is in my blood and I am proud to be involved in an industry that has served my family for generations," said DeGross. "In the end, I am excited to leave opportunities and an imprint for the next generation of dairymen."

After graduation, DeGross plans on pursuing higher education specializing in dairy nutrition with the intention of applying his education in the field later on. DeGross plans on getting experience in nutrition consulting before starting up his own company that does more than just nutrition work. He would also enjoy being a dairy farm manager.

The Donald and Valera Murray Endowed Scholarship is named in honor of Donald Murray, a former MSU Extension dairy specialist, and his wife, Valera. The scholarship provides \$4,000 to recipients to assist with education expenses.



KATHRYN KESLER

Harold and Lillian Gremel Scholarship

Kathryn Kesler, of Hastings, Michigan, was selected as the 2019-20 recipient of the Harold and Lillian Gremel Scholarship through the MDMSF at Michigan State University (MSU). Kesler was selected for her current leadership abilities and her passion for the dairy industry.

Kesler graduated from MSU's Lyman Briggs College in 2016 with a degree in animal science. Today, along with pursuing a veterinarian degree from MSU, she is also studying for a Master of Science in comparative medicine and integrative biology. This pairing will allow her to apply investigative skills to her clinical training. The critical evaluation skills she is developing as a researcher excites her for a future of continuing farm trials with producers to add to the body of scientific knowledge about disease pathogenesis, treatment protocols and innovative techniques for accomplishing production goals.

"I plan to combine my passions for teaching, research and clinical medicine through practicing production animal medicine, where I can impact people's lives via my contributions to the dairy industry," said Kesler. "Veterinarians have a tremendous opportunity to be an on-farm science teacher and provide valuable training to employees and protocol recommendations to producers."

She is a member of the Student Chapter of the American Association of Bovine Practitioners and the Radiology Veterinary Club. Kesler worked as a research and development intern for CentralStar Cooperative during the summer of 2018 where she designed and validated an in-house qPCR assay to detect 23 major mastitis pathogens.

The Harold and Lillian Gremel endowed scholarship was established in 2007 by the Gremel family to award a veterinarian student \$4,000 in scholarship monies. Together, during their 52 years of marriage, the Huron County dairy producers and lifetime industry supporters were past recipients of the West Huron Michigan Milk Producers Association (MMPA) Outstanding Lifetime Achievement Award, honored as the MMPA Outstanding Young Dairy Couple and chosen as the MSU Dairy Farmer of the Year. Harold also served on the Michigan Dairy Memorial and Scholarship Foundation board of directors.



LAUREN HEBERLING

Nick Bellows Scholarship

Lauren Heberling of Carsonville, Michigan, was selected as the 2019-20 recipient of the Nick Bellows Scholarship through the MDMSF at Michigan State University (MSU). Heberling was selected for her outstanding academic achievements, her proven leadership abilities and her passion for the dairy industry.

“Growing up on my family’s dairy farm in Carsonville, Michigan, I have always been submersed in the dairy and agricultural industry,” said Heberling. “In the past twenty-one years of my life, I have been able to see our farm go from a 44-cow dairy milking in a stanchion barn to a 120-cow herd milking in a double six parallel parlor.”

Heberling became hooked on the decision making and herd management process as she witnessed her family’s farm transition over the years. For that reason, she is an agribusiness management major at MSU, also pursuing a food industry management degree with a sustainable food and agricultural systems minor. Heberling believes that the best way to gain marketing knowledge is to combine classroom experiences with extracurriculars such as Dairy Challenge, MSU Dairy Club and the National Agri-marketing Association.

Heberling has applied her marketing skills working at Land O’Lakes in a marketing internship focused on evaluating critical issues facing the dairy industry while developing sustainable solutions that benefit the farmer and lead to increased marketability of end dairy products. Heberling also works as an administrative assistant for the Michigan FFA Association and has worked as a marketing intern at the Michigan Milk Producers Association. Her involvement with these organizations and the network she has built has prepared her for a future career in dairy marketing.

The Nick Bellows Scholarship was established in 2011 by the UDIM board of directors and staff members to recognize Bellows for his two and a half decades of commitment and dedication as the organization’s CEO.



MONICA DZIUBA

Redmond “Red” and Edna Cotter Scholarship

Monika Dziuba of Riverview was selected as the 2019-20 recipient of the Redmond “Red” and Edna Cotter Scholarship through the MDMSF at Michigan State University (MSU). Dziuba was selected for her outstanding academic achievements and her passion for the dairy industry.

“Growing up originally in a suburban area, I did not have access to resources that would help me to expand my interest in the dairy industry,” said Dziuba. “However, attending MSU gave me my first opportunities to make this dream and passion a reality.”

Dziuba continuously pursues every dairy related experience possible. She has co-authored scientific papers, participated in the United States Dairy Education and Training Consortium and lead her team as a National Champion Dairy Challenge member. Dziuba graduated from MSU with an animal science degree and has now begun studying at MSU’s College of Veterinary Medicine. While working on obtaining her veterinary degree, she is also pursuing a Master of Science in food safety. She strongly believes that as a veterinarian, the agriculture information she shares with her clients and consumers has the ability to reach and impact the most people and she wants to ensure she is doing her part to advocate for agriculture in the right way.

The Redmond “Red” and Edna Cotter endowed scholarship honors the Cotter couple and their many contributions to the dairy industry. A 1937 graduate of MSU, Red Cotter was employed for 43 years as a sales manager for Ralston Purina and served as a guest lecturer at MSU during retirement. Edna Cotter also has MSU roots that stem back to when she was born on a farm that is now the MSU Hancock Turfgrass Research Center. She graduated from Michigan State College in the 1930s and was a generous supporter of the Redmond and Edna Cotter Agribusiness Scholarship Fund, the MSU Intercollegiate Athletics Fund, and the Carrigan Chair for Feline Health in the MSU College of Veterinary Medicine.



LETA LARSEN

Russel Erickson Scholarship

Leta Larsen, of Scottville, Mich., was selected as the 2019-20 recipient of the Russel Erickson Scholarship through the MDMSF at Michigan State University (MSU). Larsen was selected for her interest and contributions to the dairy industry, along with her impressive leadership qualities.

Larsen values understanding the whole approach to dairy farming, a reason that she is majoring in agribusiness management and minoring in agronomy at MSU. She's participated in the MSU Dairy Challenge, Midwest Regional Dairy Challenge and the Dairy

Ambassador program. She's served as vice president and membership and promotion's chair for MSU's Dairy Club and was a member of MSU's National Agri-Marketing Association.

To gain experience outside of working as assistant manager on her family's farm, Larsen has worked as a student supervisor for MSU's career services and has most recently worked as a sales/forage intern for WinField United/Land O'Lakes. After graduation, Larsen plans on returning to her family's farm as a fourth-generation farmer, with a long-term goal of eventually taking over the operation.

"Growing up on a dairy farm taught me the value of hard work, the value of the dollar, the value of family and how rewarding it is to supply the world with food," said Larsen. "I am looking forward to carrying on those lessons for years to come."

The \$5,000 Russel Erickson Scholarship is named after Russel Erickson, MSU professor emeritus in the Department of Animal Science. The recipient of the scholarship must be a student whose career aspirations include working on or with dairy farms.



WYATT LAMB

Velmar Green Scholarship

Wyatt Lamb of Jeddo, Michigan, was selected as the 2019-20 recipient of the Velmar Green Scholarship through the MDMSF at Michigan State University (MSU). Lamb received the award on the basis of his experience and interest in the dairy industry.

"My love for the dairy industry came from my dad," said Lamb. "He always helped get me involved with every aspect of the dairy, no matter how much I slowed him down or wore on his patience. He taught me a lot, but I learned a ton between school and my internships that I can take back to the farm."

Lamb grew up on his family's farm and recently returned to the farm after graduating from MSU with a dairy management certificate in December 2019. While at MSU, Lamb completed two internships at Palms Boys, LLC and Ritter Farm, LLC. At Ritter Farm, Lamb made breeding and mating decisions along with milking and feeding cows at the 200-head operation. There, he enjoyed learning how to use SCR collars and different aspects of managing a dairy. At Palms Boys, he familiarized himself with the presynch and ovsynch programs and worked with their herdsman on treating fresh and sick cows.

The \$4,000 scholarship, named in honor of dairy leader C. Velmar Green of Elsie, Mich., is awarded annually to a second-year student in the MSU Institute of Agricultural Technology dairy management certificate program. The Velmar Green Scholarship was established in 2009 by the Michigan Milk Producers Association (MMPA) to recognize Green for his 40 years of service to the MMPA board of directors. Green is the owner of Green Meadow Dairy Farms Inc., one of the largest herds of registered Holsteins in North America and home to an on-site teaching laboratory for MSU College of Veterinary Medicine students. He has held various dairy industry and leadership positions, served as the 2012-13 chairperson of the Michigan Commission of Agriculture and was recognized by the World Dairy Expo as the Dairyman of the Year in 2013.

CAMERON COOK & DARREN KULICAMP

John and Barbara Dilland Scholarship

Cameron Cook, of Pewamo, Mich., and Darren Kulicamp, of Coopersville, Mich., were selected as the 2019-20 recipients of the John and Barbara Dilland Scholarship through the MDMSF at Michigan State University (MSU). They were selected for their involvement in the dairy industry, their academic achievements and their excellent leadership skills.

Cook is an agribusiness management junior at MSU with plans to become a sales representative after graduation. She enjoys learning about dairy cattle genetics and helping farmers implement a solution and see results. She grew up on her family's dairy farm, Cook Dairy Farm, and was active in 4-H and the Michigan Dairy Ambassador program. Cook has experience as a Credit Assistant at GreenStone Farm Credit Services, as a Sales Intern at ABS Global and as a Herdsman Intern at Maddox Dairy, a 3,500 cow dairy.



"Growing up on a dairy farm has instilled in me a passion for the dairy industry," Cook said. "I have ventured outside of my comfort zone with my internship experiences to get a better understanding of how the dairy and agricultural industry work and gauge where my fit could potentially be after graduation."

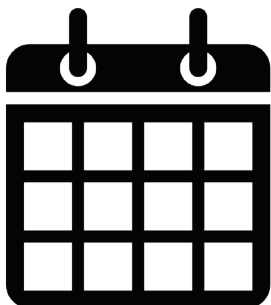
Kulicamp is an active member of the MSU Block and Bridle Club and MSU Dairy Club, serving as Webmaster and Spring Production Cow Sale Cow Manager and Facilities Lead respectively. He's a sophomore majoring in agribusiness management at MSU with a background of being active in 4-H and FFA. Kulicamp, who grew up on his family's cash grain and cattle farm, was introduced to the dairy industry when he began working on his neighbor's dairy farm in 2016. Since then, Kulicamp has taken a position at MSU's Pavilion to help maintain the facilities.



"Ultimately, I know that the dairy industry is going to help me build what I want to have one day," said Kulicamp. "I feel that my studies in agribusiness management will give me the proper managerial tools to be able to handle the farm of my dreams, in due time."

The \$4,000 John and Barbara Dilland Scholarship is named in honor of John Dilland, former controller, director of finance and general manager for the Michigan Milk Producers Association (MMPA), and his wife, Barbara. Over the course of John's 35 years of service and leadership, he represented the Michigan dairy industry on several national organizations: National Council of Farmer Cooperatives, the National Milk Producers Federation and the Innovation Center for U.S. Dairy. In Michigan, he served on the board of directors for the Michigan FFA Foundation and the Michigan Dairy Memorial and Scholarship Foundation.

MARK YOUR CALENDARS



February 28, 2021

Deadline for scholarship applications
(first-time and renewal applications for 4-year students)

For application or more information about MDMSF Scholarships, visit www.ans.msu.edu and click on the "students" link.

DAIRY MEMORIAL RECIPIENTS 2019-2020

2019-2020 Dairy Memorial Scholarships (\$3,500)

KELSIE LETTS is a sophomore pursuing an animal science degree at MSU. Hailing from Marshall, Michigan, Letts didn't grow up on a dairy farm, but showed dairy cattle at her county fair with help from a neighboring dairy operation. She aspires to attend veterinary school at MSU and has prepared for her studies by shadowing a veterinarian to learn animal restraint, proper surgery protocol and more about the profession. Letts has also shadowed a herdsman at Hooloo Dairy Farm in Marshall where she cared for sick cattle, gained large animal handling skills and artificially inseminated cattle. Most recently, she has participated in a dairy study abroad to the Netherlands to gain a different perspective on dairy management opportunities. Letts is passionate about becoming cultured in the industry and has plans to gain further industry experience outside of Michigan before returning to her family farm and opening her own veterinary clinic in the future.

AARON FAHRNER, of Sebewaing, Michigan, is a sophomore at MSU pursuing a degree in agribusiness management. Fahrner became acquainted with the agriculture industry growing up on his family's crop farm, Fahrner Family Farms, and working on his neighbor's dairy farm. Fahrner has worked at MSU's Telfarm Center where he is responsible for depreciation schedules. He has also interned at Michigan Agricultural Commodities where he scouted IP soybeans and wheat fields, helped scale trucks in during wheat harvest and worked with grain merchandisers. After graduation, Fahrner plans on working for a company in the agriculture field that allows him to regularly interact with farmers, either in a sales position or a customer representative. His main interest is in managing rations on dairy farms and harvesting and storing quality feed stuffs.

ALEXANDER GOLIN grew up in Dexter, Michigan, and became involved with cattle working on Steve Trinkle's beef cattle operation during high school. Since his passion for the industry was fueled, helping the hardworking farmers in his area, Golin knew he wanted to become a large animal veterinarian to continue helping them as his future career. Since attending MSU as an animal science major, he has shadowed numerous vets to gain a broader understanding and appreciation for the dairy industry. These experiences have given him the opportunity to treat cases of mastitis and milk fever. Golin is an entrepreneur at heart, owning two separate companies, A3 Firewood and Alex's Farm Help. After graduating from veterinarian school he plans on becoming a successful large animal veterinarian with a focus on cattle to assist Michigan dairy farms in whatever way possible.

HAILEY EMMONS, of Paw Paw, Michigan, is a freshman in animal science at MSU. She's active in the Van Buren County 4-H program where she showed dairy cattle at the county fair and volunteered at Breakfast on the Farm events. Emmons is a member of MSU's Block and Bridle Club and the Animal Science Undergraduate Research Student Association (ASURSA). With ASURSA, Emmons had the opportunity to record calves' vital signs in a research project focused on the health of dairy calves. With plans to graduate from MSU in May 2022, Emmons is taking advantage of exploring many facets of the nation's agriculture industry and is interested in traveling to California and Texas to gain a different perspective of dairy operations. Emmons is always willing to grow and continue to learn and is interested in some day owning a small dairy operation and serving as a 4-H leader in her community.

MIRIAH DERSHEM's passion for the dairy industry began after joining her local county's 4-H dairy club. Dershem is an agribusiness management major at MSU with plans to graduate December 2021. Her involvement in the dairy industry includes participating in MSU's Dairy Club, serving as vice president of the Michigan Junior Holstein Association and being a member of MSU's dairy judging team. Dershem has also learned more about the dairy industry through interning at Fernjo Farms, a 2,200-cow dairy. In the future, she would like to become a herdsman to continue learning about the best ways to care for dairy cattle while producing a nutritious product for consumers. She also has plans to give back to the dairy community through becoming a 4-H dairy leader and coach and staying involved with MSU's dairy judging teams.

KRISTEN BURKHARDT of Fowlerville, Mich., is pursuing her agribusiness management degree after receiving her dairy management certificate in 2019. She values the hands-on practical education that the ag tech program gave her and is now pairing her four-year program's class studies with extracurricular activities to gain a broader understanding of the agriculture industry. At MSU, Burkhardt is a member of the Dairy Club, the Dairy Judging Team and has participated in the MSU Dairy Challenge. She recently completed her term serving as president of the Michigan Junior Holstein Association. To gain a holistic understanding of the dairy industry, Burkhardt has interned at Maddox Dairy in Riverdale, California, and also worked as a communications student assistant at Michigan Department of Agriculture and Rural Development. In the future, Burkhardt plans to work in agricultural sales and consulting, helping farmers reach higher goals on their farms.

2019-2020 Ag Tech Scholarships (\$2,000)

ROSE KUPERUS hails from Freeport, Michigan, where she lives on her family's dairy farm, Twin River Dairy. On her family's dairy, Kuperus manages all aspects of the farm's calving program, cleaning the automatic feeding machine and managing the calves. She also works at Moo-ville Farm and Creamery in Nashville, Michigan, observing and treating sick calves and assisting in ice cream production. Kuperus received her livestock industry certificate from MSU's Institute of Agricultural Technology in December 2019. After completing her time at MSU, Kuperus continues to challenge herself to assess animal health and develop treatment plans.

JESSICA NASH completed her dairy management certificate at MSU December 2019. She grew up on her family's 370-cow dairy operation in Elsie, Michigan, where she continues to assist with calving and monitor calf health. Nash was selected as board member of the Michigan Junior Holstein Association, participated in the North American International Livestock Expo's dairy quiz bowl contest and most recently served as Michigan FFA Association Vice President 2018-19. While at MSU, Nash was a member of the MSU Dairy Club and participated in the Northern Ireland CAFRE Study Abroad, a six-week agriculture study abroad focused on dairy and beef cattle.

MIKAYLA BOWEN is following in her family's footsteps through involvement with the dairy industry. During her junior year of high school, she began working part-time on a local dairy farm and has continued to her education through completing her dairy management certificate at MSU. Bowen

Freshman Scholarships (\$1,500)

KATIE WILSON of Blanchard, Michigan, is pursuing a dairy management certificate at MSU with plans to transfer to MSU's four-year animal science program. Wilson knows she will remain in the dairy industry after graduating and she is using her time in college to determine exactly which aspect of the industry she wants to contribute to. Growing up, Wilson was an active Isabella County 4-H member where she served as youth leader for the Michigan 4-H Dairy Conference and participated in the All-American Dairy Judging Contest where she placed 9th as 4-H individual overall. Wilson has a bright future ahead of her and is sure to make a difference in the industry.

MCKENNA BROUGHTON grew up on her family's beef farm in Attica, New York, but dairy has piqued her interest. She is currently pursuing a degree in agriculture business management at MSU and is figuring out what career she would like in the agriculture industry. During high school, Broughton was active in her FFA chapter, volunteering at

works at Bleich Dairy Farm, managing herd health, artificially inseminating cows and heifers, entering data and ultrasounding cattle. This experience has allowed her to realize that her interests lie in ruminant nutrition, dairy reproduction and milk quality. She plans on using her education to improve the quality of life and efficiency of production dairy cows across the United States.

DEVIN HAYWOOD, of Hastings, Mich., has been involved in the dairy industry his entire life. Haywood is the sixth generation on his family's 1,200-cow dairy operation, Sand Creek Dairy LLC. On his family's farm, he serves as the herd manager and farmhand and is also the owner and primary laborer of Haywood Family Cheese, a family-owned business producing 2,000 pounds of Havarti cheese annually. Haywood is currently a freshman in the dairy management certificate program at MSU and plans to return to his family's dairy farm to continue to improve and implement progressive practices on the operation after graduation.

KASSIDY THELEN grew up on her family's 220-cow dairy in Westphalia, Michigan. She loves the dairy industry and challenges herself to meet others and continue to learn through participation in dairy management, judging and quiz bowl contests. Kassidy appreciates the life skills these contests have given her making her a better, more confident leader. She is active in her county's 4-H program and is currently enrolled as a freshman in MSU's dairy management certificate program. After graduation, Kassidy is looking forward to one day taking over her family's operation or traveling across the state as an artificial insemination tech.

agriculture education events, giving back to her community and hosting fundraisers. Along with FFA, she also actively volunteered her time at church and performed in a band for the community in support for difference causes and benefits. Broughton is hopeful to join the dairy industry after graduating in May 2023.

MAKAYLA LIERMANN, of Saginaw, Michigan, is a sixth-generation dairy farmer. She has a passion for the dairy industry and is using her time at MSU pursuing an animal science degree to give her a deeper understanding of caring for dairy cows and related science. She is determined to learn everything she can about cows and is hoping to pursue a veterinarian degree after she graduates from her undergraduate studies in May 2022. Liermann is fascinated by dairy reproduction and wants to educate others about the dairy cow. She is determined and driven to make a difference for the dairy industry in the future.

2019-2020 Veterinarian Scholarships

KATHRYN OSBORNE was born and raised on a 100-cow dairy farm in central Pennsylvania where she took notice of the detrimental economic impacts of chronic mastitis on her family's herd and herds in the surrounding area. As a daughter of a veterinarian, it was in her blood to care for the animals around her and investigate potential mastitis prevention programs that could be implemented on farms. She completed research in high school through FFA and continued it during her undergraduate years at Wake Forest University. At MSU, Osborne is the Food Animal Club vice president and the palpation team coordinator. Her involvement within the dairy industry will make her a valuable bovine veterinarian in the future.

HAILEY SHARRARD aspired to be a dairy veterinarian her entire life after growing up on her family's dairy in Peck, Michigan. Sharrard's dreams are coming true as she has plans to graduate with a veterinarian degree from MSU in 2022. Sharrard has completed multiple internships throughout the industry giving her experience in research, nutrition and employee training. She plans on using her variety of experiences to bridge the gap between farm employees and farm owners, to advise on management decisions and act as mediators on the farm. Sharrard is excited to become a part of the dairy industry and give back to the community that has given her so much.

KYLE LONGCORE, of Cedar Springs, Michigan, is in his third year of veterinarian school at MSU with plans to graduate next year. He grew up with a beef background but has taken interest in dairy after shadowing a veterinarian at Sparta Animal Clinic during his undergraduate years. As a future bovine veterinarian, Longcore is passionate about bovine reproduction, particularly embryo transfers, and milk parlor consultation, including working with employees to build consistency in milking protocols. Longcore believes that a thorough understanding of all farm operations can allow a veterinarian to make the most impact on the farm.

JARED SANDERSON, of Sandusky, Michigan, graduated with honors from MSU in May 2019. Equipped with a degree in animal science, he is now pursuing a veterinarian degree at MSU. Sanderson has continuously immersed himself in the dairy industry working as an assistant herdsman at Lew-Max LLC, as a feed sales and regional dairy intern for Purina and as a research assistant in the VandeHaar Nutrition Lab. Sanderson's experiences enable to him to help dairy producers maximize their herds' potential. As his career develops, he wants to take his place among those who helped him as a leader in the industry, helping pave the way for future leaders by establishing scholarships and giving back to the industry.

THANK YOU LETTERS

My name is Monika Dziuba and I am a current first year veterinary student at Michigan State University's College of Veterinary Medicine. I am very honored to have been selected as the Red and Edna Cotter Purina Michigan Dairy Memorial Scholarship recipient. I am so grateful for the amazing work that this foundation does to sustain, honor, and promote the dairy industry. This scholarship will help me to focus on obtain my doctorate degree in veterinary medicine, where I plan to focus on dairy production medicine. Organizations throughout the dairy industry, such as this foundation, that aid new leaders entering the industry is just one reason why I am so passionate about spreading knowledge about the dairy industry.

I am originally from a suburban area that is south of Detroit. My first experience with the dairy industry was when I went to visit my grandparents' small dairy herd in Poland when I was around 12 years old. Ever since that experience, I knew that I wanted to make the dairy industry a part of my life. With the need to educate consumers, I am very passionate about using my background to relate to them. I believe that I will be able to share my passion with consumers and show them that everyone can grow a knowledge, understanding, and love for the dairy industry.

Today, I have gained numerous experiences and opportunities in the dairy industry from working on commercial dairy farms, to research focusing on Bovine Leukemia Virus in dairy herds, to participating in the US Dairy Training and Education Consortium in the third largest dairy shed in the nation in NM and TX. Along with obtaining my DVM, I am also planning on obtain a Masters in Food Safety to better assist and educate the growing consumer and producer market. With these degrees and through my experiences, I will be able to serve the food producers in the state of Michigan by assisting them with herd health and production as well as consumers by ensuring a safe and healthy product.

I would like to sincerely thank you for your generous gift that will help myself as well as many other students. I am very honored to have been chosen to receive this award. It means a great deal to me that my passion and dedication to the dairy industry has been recognized.

- Monika Dziuba

THANK YOU LETTERS CONT.

Thank you for your continued support of students pursuing a future in the Michigan Dairy Industry. Your hard work and commitment to the Michigan Dairy Memorial and Scholarship Foundation is sincerely appreciated by all. Scholarships such as this one provide generous support for the ever increasing costs of veterinary education. I am extremely grateful that this scholarship will help cover the cost of my tuition this spring and will allow me to continue learning and fueling my passion for dairy and bovine medicine. I hope that one day I will be able to give back to the Michigan dairy industry as well. Thank you again for your generous support.

- Katy Kesler

Thank you for naming me as one of the recipients for the Michigan Dairy Memorial Scholarship. As tuition continues to climb, the impeccable generosity of scholarship donors like you becomes increasingly important. As a student whose life has revolved around the dairy industry, I see first-hand the struggles dairy farmers are facing in these trying times. It means a lot to me that foundations like yours are here to help out the industry by encouraging and supporting the future leaders of the dairy industry. Thank you again for the honor and your continued support.

- Katie Osborne

I would like to take the time to sincerely thank you for choosing me to receive a scholarship through you. The scholarship is greatly appreciated and will be a big help in paying my tuition while in the Ag. Tech Dairy Management Program here at MSU. I grew up on a small family dairy farm wanting to be involved in the Dairy Industry so being able to be in the Ag. Tech Program and expand my knowledge on the Dairy Industry over these 3 semesters is something I really look forward to. I cannot wait to see how much I learn during the program!

- Kassidy Thelen

I want to extend my deepest thanks for being chosen as a recipient of one of the Michigan Dairy Memorial scholarships. I love the sense of community that surrounds the dairy industry and this foundation exemplifies that connection. This scholarship will help with expenses as I continue my education in Veterinary School. I just started my second year this fall, and every day I'm one step closer to fulfilling my dream. Once I complete my degree, my goal is to enter private practice as a large animal veterinarian with a focus in dairy herd health, management, and employee education. My heart lies in the dairy industry, and I'm grateful for scholarships like this one that allow me to pursue that passion. I'm honored to be a recipient and plan to represent the foundation well. Thanks again!

- Hailey Sharrard

I want to take a second to thank you for the opportunity to further my studies with this scholarship. I truly appreciate everything that all of you do for not only the industry, but for the youth that are tomorrow's leaders. Because of your generosity, I can finish my studies in the Dairy Management Ag-Tech course. I will graduate after my spring internship and then I plan on entering the next fall semester in the Agri-Business Management Course at Michigan State. I hope to continue to be involved in the dairy industry and help the dairy farmer in any way possible.

- Jessie Nash

I am honored that I was the recipient of the Michigan Dairy Memorial Scholarship this year. I am very grateful to have been able to come from New York to Michigan State for college to study something I am truly passionate about, agriculture. This has been a great experience for me so far. Thank you for helping me to get one step closer to my future success!

- McKenna Broughton

I appreciate your support in my dreams in working in the dairy industry one day. Dairy has been my life, and a passion I pursue daily. Anytime I work with dairy cattle, I always think about how I can improve their care. Now, knowing that there are people who support those same desires means a million and one things to me. Thank you so much!

- MaKayla Liermann

I would like to express my sincere gratitude to both yourselves and to the scholarship donors for your continued support of MSU veterinary students. I am honored to be a recipient of this generous award, and these funds will go directly towards my ongoing education. I am very excited for my future as a dairy veterinarian right here in Michigan, and I hope that my contributions to the dairy industry will one day repay this investment that's been made into my future.

- Kyle Longcore

Thank you for selecting me as one of your recipients for the Michigan Dairy Memorial Endowed Scholarship. Your support has afforded me the opportunity to attend an embryo transfer/palpation course in Oklahoma this summer and continue into my junior year less stressed and excited to learn more about cattle reproduction! I am appreciative of your encouragement and belief in today's future leaders.

- Rebecca Herzog

Thank you for awarding me the Michigan Dairy Memorial Scholarship for the 2019-2020 academic year. It is a great honor to be chosen as a recipient. This award will help substantially in financing my education and allow me to pursue my passion for agriculture and help the dairy industry to thrive for years to come. Thank you again for this great honor.

- Aaron Fahrner

THANK YOU LETTERS CONT.

Thank you for awarding me the 2019-2020 John and Barbara Dilland Michigan Dairy Memorial Endowed Scholarship in Agribusiness Management. I appreciate you all taking time out of your busy schedule to read through all the applications that you received, coming in to interview the students, and then picking the recipients. I am honored to be this year's recipient and look forward to using it to continue my education as I enter my senior year of college. The dairy industry is where my passion lies, and I am beyond excited to start my career in the industry. The dairy world is very large and only growing. As I continue to get more involved I see all the possible opportunities that I have in the industry. I have not quite locked in what I want to do after college, whether it be a sales representative for a company, working with dairy finances, or going back and taking over my parents' dairy I am very excited to work in the industry I love! Thank you again for awarding me as well as others these scholarships. It is because of people like you and all your support that helps lift the financial burden.

- Cameron Cook

Thank you very much for selecting me as the 2019-2020 Russel Erickson Michigan Dairy Memorial Endowed Scholarship recipient. I am very honored to receive this generous scholarship, and appreciate you recognizing me for this award. Thank you for your confidence in me, your generosity, and your willingness to help me achieve my goals. I am greatly looking forward to a career in the dairy industry, and I am thankful that I am able to work with such passionate and driven individuals. Scholarships like this one help my peers and myself reach our goals in the industry, and set us up for great success in the future. I am very thankful for all Michigan's dairy industry has given to me, and I can't wait to work in this industry in the future. Thank you again!

- Leta Larsen

Please accept my sincere appreciation for this prestigious scholarship. Words can't begin to describe how grateful I am for all the scholarships that I have received through the Michigan Dairy Memorial Foundation over the past three years. I truly love being a student here at MSU, and I am very excited to begin my senior year this Fall. It gives me so much peace of mind to know that a large portion of my tuition has been taken care of thanks to your generosity, and it is an honor to know that leaders in the dairy industry believe in me enough to help finance my education. Thank you once again for all that you do for us students, and for the Michigan dairy industry. It is appreciated more than you know!

- Madeline Meyer

Thank you for selecting me as a recipient of the Ag Tech Michigan Dairy Memorial scholarship. I am extremely honored to have been chosen and appreciate the support to further my education of the dairy industry here at Michigan State University. I will use the new knowledge I've obtained here to help improve the dairy industry.

- Mikayla Bowen

Thank you so much for awarding me a 2019-2020 Michigan Dairy Memorial Academic Scholarship! I really appreciate your support and generosity. I am looking forward to continuing my education in animal science at Michigan State University and learning further about the dairy industry. Thank you so much again for your support!

- Hailey Emmons

I am beyond grateful to be chosen as the recipient of the 2019-2020 John and Barbara Dilland Michigan Dairy Memorial Endowed Scholarship in Agribusiness Management. Words cannot describe how your philanthropic spirit has truly blessed me. This award will allow for relief of some of the financial burden associated with a college education, allowing me to focus more intently on my studies in Agribusiness. In my studies at Michigan State I am preparing for my desired career as a salesman in the field of agriculture input sales. In this field I would like to work as a representative for a large crop inputs firm. I want to work in this facet of the ag industry to continue to serve my neighbors and friends, doing my part to help them be successful in their farming endeavors. Additionally, I have serious ambitions to continue farming part-time with my Dad and brothers on our family farm, with the hope of one day farming full-time. Again, I thank you for your contribution to the future agriculture, and the success of many young adults at Michigan State University. On behalf of all recipients, both past and present, I assure you that your gracious gift has not fallen on idle hands and will be used to the greatest extent. Without such generous donors such as yourselves, this University would not be what it has become. Your contribution to the betterment of many young people, and the agriculture industry, is both encouraging and not without effect. I thank you for helping to sow the seeds of the future!

- Darren Kulicamp

Thank you for choosing me to receive this scholarship. Your generosity allows me to study and learn about the dairy cattle I love. I sincerely appreciate your support.

- Katie Wilson

THANK YOU LETTERS CONT.

I would first like to thank you for awarding me with the Nick Bellows UDIM Michigan Dairy Memorial Scholarship for \$4,000 for my senior year as I continue my studies as an Agribusiness Management major. As a student who is always striving to make the most out of their education, I often find myself balancing classroom responsibilities, extracurriculars and working to pay for the cost of college. The financial support this scholarship provides allows the burden of the cost of college to lighten in order that I can focus more on classroom responsibilities and extracurriculars. I am grateful beyond words for your belief and support in my education and experience at Michigan State University. Growing up on my family's dairy farm in the Thumb of Michigan was where a passion for both dairying and agriculture began. As I joined FFA my junior year of high school, that passion developed from feeding calves and milking cows to competing in the FFA Marketing Plan Contest. This contest applied what I learned from the farm and helped me develop analytical, product marketing and sales skills. While the technical marketing knowledge I gained was extremely valuable, this contest also inspired me to be where I am today – studying Agribusiness Management – a major that combines both business and agriculture, two things that I love. Last summer I moved to Minnesota to work as a SUSTAIN intern for Land O' Lakes, a marketing internship that will work alongside the Innovation and Business Development team (INBD) to evaluate critical issues facing the dairy industry and develop sustainable solutions that benefit the farmer and also lead to increased marketability of end dairy products. This knowledge is something I hope to utilize after graduation, as my goal career involves working with both marketing and the dairy industry. I wish to extend another huge thank you to all involved in providing me with this amazing gift; one that I will utilize to the best of my

ability both during and after my time at Michigan State University. Your support speaks volumes to your belief in students' ability to be the next generation of agriculturalists- and for that, I thank you again.

- Lauren Heberling

My name is Alexander Golin, and I am honored and thankful that you have chosen me to be a recipient of the Michigan Dairy Memorial Scholarship. I transferred to Michigan State University last fall as a pre-vet student from Washtenaw Community College, and I decided to get my bachelors degree in animal science. I worked on farms while growing up and decided I wanted to become a large animal / food animal vet so that I could continue being a part of Michigan Agriculture. This past year, as an animal science major, has further convinced me that becoming a farm veterinarian is what I want to do with my life. I have had the opportunity to visit and learn about the MSU Beef, Poultry, Swine, Equine, and Sheep Teaching and Research Farms. I also toured and learn about the MSU Dairy Farm and the MSU Dairy Plant where I was able to see cheese and ice cream being made. As a member of MSU Pre-Veterinary Medical Association Club, I was able to travel to Penn State for the National Pre-Vet meeting and represent Michigan Agriculture. I toured the Penn State Dairy Teaching and Research Center and learned how grooming robots have lowered stress levels and increased milk production in their herd. I was also able to observe some of the research they are doing on which feed stuffs influence early rumen development. This summer I will be heading to McKenzie North Dakota where I will intern at Black Leg Cattle Ranch. I am very excited to do some hands on learning involving birthing calves, processing stocker cattle, fixing fences, driving equipment, and overall learning about what it takes to run a cattle ranch. I will also have the opportunity to work with

bison and sheep while interning at the ranch. This summer I will also have completed enough of my pre-requisites to apply to Michigan State University's DVM program which is my first choice for vet school. After graduation ,as an animal science major and a large animal veterinarian, I will continue to protect, regulate, and promote animal health and welfare along with the food animal industry and the MSU College of Agriculture and Natural Resources. I can't think of a more rewarding career than being outside helping the hard working men and women raise the food and milk my community will one day eat and drink. Thank you Michigan Dairy Memorial and Scholarship Foundation for helping me along this journey that will lead me to completing my goals.

- Alexander Golin

Thank you for selecting me for the Velmar Green Scholarship. It was great to hear that I was receiving this scholarship as it will be a huge help in finishing paying for my dairy management certificate tuition. I am excited to help impact the dairy industry after graduation with all of the knowledge I have gained through the program. I'm excited to continue as the 5th generation on my family's dairy farm. It is greatly appreciated that you have helped many kids be able to pursue their education and careers in the dairy industry.

- Wyatt Lamb

I would like to give a huge thank you to the Michigan Dairy Memorial Scholarship Fund for awarding me with a scholarship this year. Receiving this scholarship allows me to continue to pursue my education in Agribusiness Management where I know I will one day serve the dairy industry in some capacity. Thank you very much for this opportunity.

-Kristen Burkhardt

DEPARTMENT SUMMARY

The past year in the Department of Animal Science can be remembered with several positive stories amidst the challenges of a world-wide pandemic in 2020.

Barry Bradford joined the faculty in early 2020 as the C. E. Meadows Endowed Chair in Dairy Management and Nutrition, and Jongkyoo Kim, assistant professor, followed a few months later with a specialty in muscle and adipose tissue biology and meat science. Professors Steve Bursian and Ted Ferris retired at the end of 2019. Effective July 1, 2020, Almudena Veiga-Lopez was promoted to associate professor with tenure, and Adam Lock was promoted to full professor. In May 2020, the Dairy Cattle Teaching and Research Center named Jim Good as manager, and Faith Cullens was hired by the College of Agriculture and Natural Resources as south campus animal farms director.

Animal Science is pleased to share several faculty accomplishments in the last year. Janice Siegford, professor, received the 2020 American Veterinary Medical Association (AVMA) Humane Award. Miriam Weber Nielsen, associate professor, has been chosen by the North American Intercollegiate Dairy Challenge Board of Directors for the Dairy Challenge Founder Award for 2020 (award presentation is postponed due to the coronavirus pandemic). Zara Clark, a visiting scientist in Jim Ireland's and Keith Latham's laboratories, received a prestigious three-year Pacific Health Research Postdoctoral Fellowship from the Health Research Council of New Zealand. Janice Swanson, professor, received a conference grant from USDA NIFA to help support the Sixth International Symposium on Beef Cattle Welfare to be hosted at Michigan State University in 2021.

Janice Siegford was featured in AgBioResearch's Futures Magazine (Spring/Summer 2019, Volume 38, Nos. 1&2) for her work on how data and technology can be used to improve animal welfare practices, and she was a panelist at the October CANR Our Table event, "Let's Talk Food Friday: Drones, Big Data and DNA," with respect to her work with precision livestock farming.

Students also stood out the past year. Kaitlin Karl, a PhD student, received a fellowship from the National Institutes of Health (NIH) to continue her work on improving superovulation in cattle. Madeline Meyer, Cameron Cook, and Allison Schaffer made up the first-place reasons team and won overall team at the Accelerated Genetics Dairy Cattle Judging Contest Hosted by CentralStar in

Viroqua, Wis. MSU's livestock judging team was first in the collegiate division of the 2019 Collegiate and Junior Livestock Judging Competition at the 2019 Keystone International Livestock Exposition. The 2019 MSU animal welfare assessment Team 1 placed first and Team 2 placed fourth overall out of 25 universities at the International AVMA Animal Welfare Assessment Competition; Ashley Dunn was the high scoring undergraduate out of 95 undergraduate participants.

To help keep up with judging news, the Spartan Judging Review newsletter was started in 2019 to highlight the successes of the Michigan State University collegiate judging teams.

In further undergraduate student news, two animal science student athletes were honored. Julia Crowe (women's soccer) was one of four President's Award recipients from the MSU athletic department for the 2019/2020 academic year for highest cumulative grade point average (4.0). Mary Martha Kennedy was selected as an invitee to the US Rowing Selection Camp.

The department also notes some recent honors outside of the department. Animal Science alum Siobhan McVay of Delran, NJ, received the Presidential Award for Excellence in Mathematics and Science Teaching. Ken Nobis, co-owner of Nobis Dairy Farms and long-time supporter of MSU Animal Science, received the 2019 Honorary Alumni Award during MSU's Grand Awards Gala in October. Tim Hood, who along with his wife Debbie own and operate Hood Farms Family Dairy, received the 2020 Dairy Farmer of the Year Award given by the Department of Animal Science and presented during the Great Lakes Regional Dairy Conference in February.

In department news, two notable physical changes occurred on campus. The department oversaw installation of a stepped aviary system in 2019 at the Poultry Teaching and Research Center, making MSU's center one of a handful of poultry facilities in the U.S. capable of supporting research with a new aviary system. In early 2020, several Animal Science Reproductive and Developmental Sciences Program (RDSP) faculty moved offices and labs to the newly constructed Interdisciplinary Science and Technology Building (ISTB) on Service Road.

Of general interest, the State News featured the Dairy Cattle Teaching and Research Center in a photo gallery in its May 13, 2020, issue.

STOCK MARKET FLUCTUATIONS, IS IT TIME TO CASH OUT?

by Jeffrey Bushey, Managing Partner, Nietzsche & Faupel, P.C.

With everything happening in the economy right now, the stock market has had large swings. Is now the time to divest holdings in stocks or mutual funds? If so, you may want to consider donating appreciated stock. Most investors have seen large gains in stock values over the last 10 plus years. The sale of these stocks could create substantial income and therefore a large income tax bill.

There is a way to avoid this. The IRS allows owners of appreciated stock to make qualified charitable donations of stock and take a charitable deduction for the stock's fair market value on the day it is given away. There are several potential tax advantages for individuals who make these donations:

1. Donating appreciated stock that was held for more than one year provides benefits for qualified individuals in many ways. If an individual is looking to make a cash donation to a designated charity but also owns stock that has appreciated in value over the years, they may want to consider donating the stock. When stock appreciates in value the individual realizes a gain on the amount over the cost they paid for the stock. This gain can be taxed if sold at either long term capital gain rates (if held for more than a year) at a maximum of 20% or short term capital gain rates (if held for less than a year) at the individual's effective tax rate which could be up to 39.6%. By donating the appreciated stock, the individual will be able to avoid paying capital gains tax on the appreciated stock.

2. Donating appreciated stock also gives individuals extra time to pick a qualified charity to donate to. In most circumstances, individuals must make qualified cash donations by the end of the calendar year to take the deduction for that tax year. However, if the individual is interested in donating stock but is not sure what charity they want to donate to, they can transfer shares to a

donor advised fund before the end of the calendar year. Individuals can seek the help of CPAs, banks, or private wealth investors to help them pick the donor advised fund that best meets their needs. In doing so, the individual can take the charitable donation once the shares are given to the fund but has unlimited time to decide which charity to donate to. This gives the individual more time to pick a charity of their liking and allows the donation to potentially grow tax free based on investment preferences.

3. The donation of the appreciated stock will also help individuals reduce their adjusted gross income by the gain not reported and taxable income by the fair market value of the stock. The fair market value of appreciated stock if held for more than one year is deductible on Schedule A of Form 1040 and depending on the amount of itemized deductions along with the stock the taxpayer would be able to reduce their taxable income by more than the standard deduction. The standard deduction for a married couple filing a joint return for 2017 is \$12,700 and \$6,350 for filing separate. Ultimately, an individual could donate an amount greater than the standard deduction reducing their taxable income by the FMV of the stock along with avoiding the capital gains tax.

4. To make a stock donation individual will need to draft a letter of instruction or letter of authorization to transfer the shares to charity and send it to their bank or brokerage firm. If making the donation from a mutual fund, it is good to note that most mutual funds have their own form to fill out. It is always best practice to complete these forms early to allow the transfer to take place before year end.

The tax rules regarding the donation of qualified appreciated stock have some very specific requirements so be sure to consult with your tax advisor before making a stock donation for the first time.

MDMSF CONNECTS THE PAST WITH THE FUTURE

by Melissa Hart

Dairy farms are often a generational picture of a family dedicated to the business through hard work and sacrifice. Much like marital vows, for better or worse, and richer or poorer, the dairy industry stands on decades of passionate people passing the torch of determination that never burns out.

The Michigan Dairy Memorial Scholarship Foundation (MDMSF) parallels the dairy industry in the history of funding young people to educate themselves to carry on the family business or support the industry in an allied career. Founded

by a group of visionaries who wanted to provide scholarship funds to students interested in dairy science, the MDMSF is now in its 63rd year of awarding deserving students whose career path traverses the dairy industry.

Dr. Miriam Weber-Nielsen, MSU Department of Animal Science and Secretary of MDMSF Board of Directors, explained that the Foundation has awarded more than \$1.4 million in scholarships to young people aspiring to careers in the dairy industry.

MDMSF CONNECTS THE PAST WITH THE FUTURE CONT.

“Gifts to the MDMSF are used to grow the endowment fund with interest from the principal used to create scholarships and support learning experiences for our students in dairy,” Nielsen said. “The Foundation recognizes individuals, couples or organizations as Foundation Honorees with a \$1,000 contribution, over 220 to date and the official number will increase once we can gather again to recognize our newest Honorees,” Nielsen continued.

Eleven individuals or couples have been recognized at a higher level with named scholarships. A named scholarship involves a minimum contribution, currently \$50,000, and a conversation with the donors to plan the criteria for awarding of the scholarship.

According to Nielsen, the twofold purpose of the Foundation is one that people can feel good about: honoring leaders in our industry and supporting the education of young people interested in careers in dairy. The Foundation’s endowment has grown about 25 percent in recent years through generous gifts from individuals and organizations in Michigan and elsewhere. Many of these gifts were given to honor the accomplishments of individuals in Michigan’s dairy industry.

Two of the newly named endowments are the Trimner Endowment and the Hazle Endowment. Dana Sue Kirk is the daughter of the late George and Shirley Hazle who not only bred a renowned herd of Registered Holsteins, but as retired dairy farmers, they continued to enthusiastically support the industry.

“[George and Shirley] always had contributed to the scholarship and before dad died, he knew we were going to set up a named endowment for him. So, our whole family chipped in and got the endowment,” Kirk said. “Actually we were way over the \$50,000 because we wanted not only to have a scholarship, but we wanted to also contribute to the dairy judging and the dairy challenge teams.”

Kirk said the endowment means allowing another individual to get an education at MSU. “Between Kevin and I and our three kids and their spouses we have ten degrees from Michigan State. And we just want to help others,” she said.

The Kirk’s son had his entire tuition paid through the Glenn Lake Scholarship. “It’s one of the longest running scholarships and it got funding early on,” she said. “With interest rates the way they’ve been in the last twenty years, they have really generated a lot of additional funding.”

Nielsen said MDMSF is kept alive through the generosity of the industry. “The dairy industry is filled with generous people, both those currently

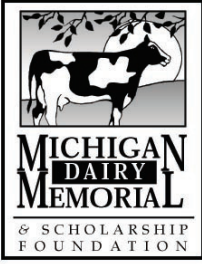
working in the industry and those who were associated with it in their past,” she said.

“They are used to contributing to their industry and to their community when they see a need. When our board members recognize a new Foundation Honoree for their industry leadership – whether that’s in an official leadership position, serving others, setting a positive example for others, or contributing to their industry or community in other ways, we find that people are quick to support the recognition with contributions to meet the \$1,000 requirement,” Nielsen said. “The Foundation’s purpose of using the funds to support the college education of young people in dairy is attractive to many people.”

Nielsen pointed to a growing need for funding in recent years, “With many of our recipients coming from farm backgrounds, the importance of these scholarships has grown in the last few years with changes in the dairy and agricultural economy,” she said. “Many of our students are working while attending college. The scholarship support relieves their financial burden and allows them to focus more on their education,” Nielsen said. “It is more than just money, however. The fact that the Foundation believes in them enough to invest in them is a tremendous encouragement to our scholarship recipients, whether they come from farm or non-farm backgrounds.”

“I don’t think there is another program in the country like the Michigan Dairy Memorial Scholarship and the way it recognizes not only the student winners but also the dairy industry leaders,” said past scholarship winner, Renee McCauley. “When you look at some of the names of the forefathers, it’s a great collection of history, and the program has a unique way of paying honor to those foundational people who had a great vision for educating farm kids.”

McCauley said it’s a picture of the dairy industry taking care of their own, “A child of the industry is supported by dairy farmers who share the same values, and the way it’s structured, the scholarship winners have a chance to meet the board members and donors, uniquely connecting the industry,” McCauley said. “It’s humbling to look at those names and see those who participated and gave back to the dairy industry through this scholarship. I’m a big fan of the Dairy Memorial scholarship.”



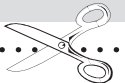
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Anthony Hall, Room 2265
474 S Shaw Ln
East Lansing MI 48824



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Enclosed is my total contribution of \$_____ OR

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Please send me pledge reminders:

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Name: _____

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Please Send Me More Information on:

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- MDMSF Honoree Recognition
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