

# NATIONAL DAIRY SHRINE

## THE CHRONICLE

*Honor past and present dairy leaders. Inspire future dairy leaders. Record dairy industry history. Promote the dairy industry.*

### President's Message

Greetings everyone, it is exciting to share with you that National Dairy Shrine will celebrate 70 years of growth, fellowship, respect, success and scholarship at our Annual Meeting and Banquet set again at the Dane County Fairgrounds on October 3rd, 2019 during World Dairy Expo. Mark your calendars and plan to attend. Fun and fellowship will abound. Tickets are on sale within the Chronicle.

When I think of 70 years of National Dairy Shrine, I would like to begin with these 5 thoughts:

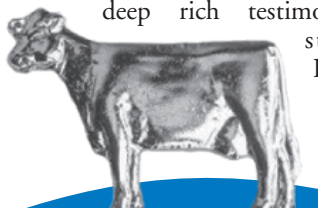
**Growth** – Membership in National Dairy Shrine is rapidly approaching 20,000 members by 2020. Quite an accomplishment for what our founders envisioned.

**Fellowship** – Fellowship is the heart and soul of National Dairy Shrine. National Dairy Shrine has long been a venue for the interaction and crosspollination of members from multiple segments of our dairy industry.

**Respect** – We were all taught to respect those that came before us, what an admirable way to pass on that respect to future generations than by honoring those men and women who have paved the way for the Dairy industry. Once again National Dairy Shrine in our 70th year is honoring industry leaders and innovators that have and are making meaningful contributions to our industry.

**Success** – Celebrating 70 years speaks of success. A visit to the National Dairy Shrine Museum and a review of those honored and remembered by National Dairy Shrine is a deep rich testimony of success.

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DAIRY SHRINE

museum, it is ever evolving and ever in transition.

**Scholarship** – 40 scholarships will once again be presented by your National Dairy Shrine. That means our organization is playing a recognizable role in the support, encouragement and recognition of the future leadership of the dairy industry. National Dairy Shrine also supports such youth events as the National 4-H Dairy Conference, the National 4-H Quiz Bowl, CDPEC and of course the 3 National Dairy Cattle Judging Contests as well as supporting the Klussendorf Association and the Farm First Scholarships.

**Transition** – Transition is a key to survival of any and all organizations. National Dairy Shrine elects a new President each year, that alone is transition. It is also a key to the success of Dairy Shrine. You see, National Dairy Shrine does not belong to one person or one group, National Dairy Shrine belongs to us all. National Dairy Shrine is not an organization with an agenda per say, save providing a platform and an opportunity to say, “thank you” and to say, “a job well done!”

National Dairy Shrine is about honoring, and about fellowship around those acknowledgements. National Dairy Shrine is not a political body, it is not a lobbying group that solicits outside support for our agenda, save asking for sponsorships to honor and respect those that have come before and offer incentives those beginning their time of contribution to our industry.

And today I am asking for your support, for your recruitment and for your donations. New memberships, donations and bequeaths are the lifeblood of the funds of this organization. Corporate sponsorships



*by President, Larry Schirm*

for scholarships have been a valued part of our past, but those sponsorships have suffered their own transitions. We welcome corporate sponsorship, and we ask you to consider if whom you work for or do business with might not value these young scholarship winners' we acknowledge each year much as we with National Dairy Shrine do.

For 70 years National Dairy Shrine has been 'our' organization, it has been a 'member's organization, and as such National Dairy Shrine has relied members to volunteer to serve and support. And for 70 years the membership of National Dairy Shrine has done so. And as we transition into our next 70 years, National Dairy Shrine will continue to rely the care, support and resourcefulness of the wonderful members of National Dairy Shrine.

### **NDS** **VISITORS CENTER!**

National Dairy Shrine has a new gathering space at World Dairy Expo! Head for the 2nd floor of Pavilion 1 (Barn 1) to our meeting area for a chance to learn more about National Dairy Hall of Fame Inductees, NDS scholarship recipients or just to catch up with NDS members.

*National Dairy Shrine is a non-profit organization devoted to maintaining the strength of the dairy industry through recognition, encouragement, promotion, education and preservation of the dairy history of previous generations. Founded in 1949, the National Dairy Shrine has thousands of lifetime members consisting of dairy producers, scientists, students, educators, marketers, sales people, consultants, journalists, cheese makers and other dairy enthusiasts who are passionate about the dairy industry.*

## 2019 AWARD WINNERS

### Guest of Honor

**Dr. Mike Hutjens**, internationally acclaimed dairy cattle nutrition expert and esteemed educational communicator, is being recognized this year with National Dairy Shrine's highest recognition, the Guest of Honor Award. This annual award recognizes a contemporary dairy leader for their outstanding accomplishments and contributions to the dairy industry.



**Dr. Mike Hutjens**

Mike Hutjens, who makes his home at Savoy, Illinois, grew up on a Holstein dairy farm at DePere, Wisconsin, where he was active in 4-H and FFA. He would earn his Bachelor, Master's and Ph.D. degrees in dairy science and nutritional sciences at the University of Wisconsin-Madison. From 1971-79, Hutjens was the Extension Dairy Specialist at the University of Minnesota. While there he coached the National Champion dairy cattle judging team in 1978.

In 1979, Hutjens became the Extension Dairy Specialist for the Department of Animal Sciences at the University of Illinois at Urbana-Champaign. After 32 distinguished years in this role, he was named "Professor Emeritus". While "officially retired", Hutjens continues to keep a very full schedule as a teacher, speaker and writer. As David Fischer, retired Extension Dairy Educator at the University of Illinois, says, "I know of no one in the dairy industry and educational system that is more dedicated to serving the people for the advancement and improvement of the dairy industry than Mike Hutjens. Whether a consultant on the farm, a teacher in the classroom, a presenter at a multi-state or international conference, Mike is always full of enthusiasm and sound information."

One of the most highly sought after speakers in the world for his expertise in dairy

cattle nutrition, Hutjens speaks at an average of 100 meetings a year where he presents cutting-edge research and nutrition information. He has spoken, or provided nutrition instruction or training, in 46 states and 17 foreign countries. "He has the scholarly background and ability to talk with peer groups, as well as to interpret research results and present it in an easy-

to-understand manner to dairy producers, agri-business personnel and youth," says Dr. Jimmy H. Clark, Professor Emeritus at Illinois State University. As Clark says, "Mike is a 'born' teacher and leader in his chosen field of dairy cattle nutrition. He displays a genuine love and enthusiasm for teaching that motivates those around him."

Hutjens is a prolific writer. Over the last four decades, he has authored, or co-authored, countless articles and four books on dairy cattle nutrition (Feed Guide, Feeding Systems, Dry Cow Management, and Forage Guide) for Hoard's Dairyman magazine. He was the catalyst for Hoard's Dairyman's monthly dairy education webinar series that began in 2011. Hutjens continues to serve as the co-producer, co-host, and sometimes presenter, of this award winning agricultural webinar which this year marked its 100th edition. "In bringing the best dairy information to those who need it most, Mike has left a lasting legacy of hands-on, practical dairy education to serve many generations to come," say Corey Geiger and Maggie Seiler of Hoard's Dairyman.

Hutjens has also written feed columns for Wisconsin Agri-View, Dairy Today, Dairy Japan and Progressive Dairy Magazine. In addition to these popular press articles, Hutjens has authored scientific abstracts and papers in the Journal of Dairy Science,

co-authored the textbook "Principles of Dairy Science", and written several computer programs.

Hutjens' groundbreaking work and experience in "online" education put him at the forefront of dairy education when it came to using the Internet and other computer technologies. He was the coordinator and editor of the first National Dairy Database, the first time computer technology was used for dairy extension information and education. The launching of his CD ROM, and now Internet based, "Dairy Certificate" program in the 1990s, was the first university animal science class of its kind offered in the United States. This self-supporting program was the only online Dairy Certificate program in the country for 20 years.

Hutjens provides the leadership and coordination each year for Illinois Dairy Days, an annual program held for Illinois dairy producers. He then prepares the Illinois Dairy Report, a summary of the conference's presentations and information on new dairy research being conducted at the University of Illinois. Since 1975, Hutjens has also been involved in numerous dairy cattle nutrition training programs for veterinarians in the United States and around the world.

Hutjens has served on many industry boards and academic committees throughout his career. He has been president of both the American Dairy Science Association (ADSA) and Midwest ADSA Division, a member of the Journal of Dairy Sciences' Editorial Board, a Federation of Animal Science Societies' Board member, and a director for the Illinois Holstein Association. Hutjens has received some of the industry's highest honors for his leadership and teaching including the ADSA's Award of Honor, Distinguished Service and Fellow awards, and World Dairy Expo's Industry Person of the Year.

### Distinguished Breeders

The brother and sister team of **Ralph W. Shank Jr. and Mary Shank Creek** of Palmyra Farm, Hagerstown, Maryland, have been selected as the 2019 recipient of National Dairy Shrine's Distinguished Dairy

Cattle Breeder award. They are the first brother and sister breeder honorees in the 70-year history of Dairy Shrine. This award is presented annually to an active, progressive dairy producer who excels in the management of a dairy breeding herd based on sound business and genetic principles.

Ralph Shank Jr. and his wife Terrie and Mary Shank Creek and her husband Mike own and operate this respected Maryland farm with their children and grandchildren, who now represent the fourth and fifth generations on this family farm. While Palmyra Farm is best known for its outstanding Ayrshires, it is also home to a few registered Holsteins

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and Jerseys. The family currently milks 81 cows and raises 132 heifers after downsizing their herd late last year. All of the milk cows are housed in a free-stall facility and milked in a double 7-herringbone parlor. The herd is on production testing and has been classified for nearly 60 years. They use all A.I. bulls in their breeding program, 70% of these young sires.



*Ralph W. Shank and Mary Shank Creek*

Ralph and Mary's goal has always been "to breed the complete cow – milk, genetics, type, show and the ability to transmit". Cow families have always been at the heart of this respected and successful breeding program.

As a result of Ralph and Mary's breeding philosophy, and emphasis on solid cow families, they have placed 77 Ayrshire (and 16 Holstein) bulls into A.I. units. Palmyra Tri-Star Burdette, a high production and type bull, has some 6500 daughters in over 1600 herds and has been prominent in moving the Ayrshire breed forward. "Burdette" has been Premier Sire at World Dairy Expo the last four consecutive years. Another bull, Palmyra Tri-Star Reality, is having the same influence on the future of the breed siring four of the top 20 bulls in the December 2018 Active A.I. Bull list.

100 Palmyra bred cows have appeared on the Ayrshire Elite Cow Performance Index (CPI) list, including 42 in one round. Ten cows have ranked number one. The breed's current CPI leader (December 2018) is Palmyra Berkely P Ruth-ET (Ex-94),

who was grand champion at World Dairy Expo in 2017 and 2018. Ruth was also the Total Performance winner at Expo in 2018 and is a three-time unanimous All-American. She is a full sister to Palmyra Berkely Reagan who has been the most heavily sampled Ayrshire young sire in the U.S. with over 20,000 units of semen sold. Already a sire of sons, "Reagan's" first daughters are now milking. Palmyra Farm has bred over

100 cows with lifetime production totals of 100,000 lbs. milk or more, at least 20 with over 150,000 lbs. milk, and five with over 200,000 lbs. milk. Palmyra was the first Ayrshire herd to utilize embryo transfer in the United States. They have exported embryos to ten foreign countries, thus distributing that profitable Palmyra performance to Ayrshire breeders around the world.

Shank and Creek have been Premier Breeder 11 times, Premier Exhibitor nine times, and shown the grand champion cow three times at World Dairy Expo's Ayrshire Show. They have won Premier Breeder and Exhibitor banners numerous times at the All-American Dairy Show and Maryland State Fair. To date, they have earned 146 All-American Ayrshire nominations and achieved 49 All-American designations.

This brother and sister were recognized with the Ayrshire Master Breeder Award in 2011. They have won seven Ayrshire French Production Trophies, seven Ayrshire Constructive Breeder awards, and have also

received Maryland's Progressive Holstein Breeder and Genetics Award.

Shank and Creek have been very active in the community, dairy industry and breed organizations. They have been strong supporters of agriculture youth programs. They have hosted 13 student interns. They welcome many tours and visitors to their farm every year, in addition to hosting classification workshops and judging practices. In 2009, they and their families launched Palmyra Farm Cheese, producing uniquely flavored Cheddar cheeses from their award winning Ayrshire cows. Today their business plan emphasizes diversity through selling genetics, breeding stock, boarding animals and the further development of their Palmyra cheese brand.

Ralph and Mary are a humble team. While Ralph stays closer to the day-to-day aspects of the farm, Mary is a global ambassador for the Ayrshire breed. Mary is currently a member of the U.S. Ayrshire Breeders' Association Board of Directors and is chair of their Breed Improvement and International Marketing Committees. She was World Ayrshire Federation President from 2012-16 and is a past president of National Dairy Shrine. She has judged shows locally and internationally and 2015 judged the Ayrshire Show at World Dairy Expo. In 2012, she was recognized as World Dairy Expo's "Woman of the Year". Ralph is a past president and director of the Maryland Ayrshire Association, past chair of the National Ayrshire Youth Committee, and along with wife Terrie chaired the 1998 National Ayrshire Convention. He has won both the National Ayrshire Young Breeder and Young Leader awards.

### Pioneers

Five outstanding individuals are being honored with National Dairy Shrine's Pioneer Award this year in recognition of their longtime service and contributions to the dairy cattle industry. The five join an elite group of industry leaders whose stories and portraits are part of Dairy Shrine's National Dairy Hall of Fame and Museum in Fort Atkinson, Wisconsin.

**Dr. John S. Clay**, Director of Dairy Records Management Systems (DRMS) at North Carolina State University, Raleigh, North Carolina, and a leader in the Dairy Herd Improvement (DHI) records segment of the dairy industry, is one of this year's Pioneer honorees. A driving force in the dairy technology area, Clay has helped to bring dairy farming into the "computer age" by developing dairy herd management software and record analysis systems that have helped dairy producers to make more informed, cost-effective decisions on their farms.

After earning Bachelor and Master's degrees from Virginia Tech, Clay joined the staff at DRMS in 1984 as an Extension Specialist and Manager of Software Development. He was appointed DRMS Director in 1998, succeeding his mentor, Dr. Kenneth Butcher, who is also being recognized as a Dairy Shrine Pioneer this year. Today DRMS provides DHI records processing services and on-farm records management tools to over 2.3 million cows from 11,000 herds nationwide every month.

When Clay

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*John Clay*

joined DRMS his assignment was to direct the development of a software program that would help dairy producers make better management decisions and save them time. In 1985, Clay led the team that created PCDART, the dairy herd management

software program and record analysis system that helped transform the dairy cattle industry. Initiated during the early years of personal on-farm computers, “it became the benchmark of the industry and changed forever the management of herd data,” says James Huffard III of Huffard Dairy Farms. The program today is used by some 3600 dairy producers with over one million cows, as well as by many dairy consultants and advisors.

In addition to PCDART, Clay directed the development of DairyMetrics, a web-based herd benchmarking tool, and later negotiated DRMS’s acquisition of PocketDairy and Money Corrected Milk, software programs which assist dairy producers in cowside management and optimizing mating and culling decisions, respectively. Clay also led the team that developed the interfaces between producer/technician software and automated milk recording, heat detection and robotic software that is currently being used by 700 dairy producers with 300,000 cows. “These, and other programs, have led to an increase in the number of herds and cows processed at DRMS and using DRMS on-farm software,” says Dr. John Wilk, North Carolina State University Emeritus Professor.

Clay played a key role in the dairy cattle industry acquiring access, and then improving the accuracy of phenotypic evaluations for bull fertility, evaluations known currently as Sire Conception Rates (SCR). In his leadership role at DRMS, Clay has been instrumental in supporting and providing data for dozens of initiatives to help researchers at land grant universities explore dairy science. On a number of occasions, DRMS has provided research data to U.S. Department of Agriculture (USDA) geneticists for traits not previously evaluated

nationally so that research could be completed and new evaluations implemented, such as the six new health trait evaluations introduced in April 2018.

In 2013, Clay was instrumental in the transition when the Council on Dairy Cattle Breeding (CDCB) took over management of the National Cooperators’ Database and the calculation of dairy cattle genetic evaluations from USDA. A member of CDCB’s Board of Directors since its inception, he has served on numerous CDCB committees, as well as being Board secretary, vice-chair and now treasurer.

A modest man whose quiet leadership, dedication and ability have earned him the respect of his peers, Clay received the National DHIA Outstanding Service Award in 2003.



*Dr. Kenneth R. Butcher*

One of this year’s Pioneer honorees is **Dr. Kenneth R. Butcher** of Fuquay Varina, North Carolina, a man who devoted his entire professional career to the advancement and improvement of the Dairy Herd

Improvement (DHI) records segment of the dairy industry.

After earning Bachelor and Master’s degrees in Dairy Science, Butcher partnered with his brother for three years on a dairy farm in Georgia. Ken’s on-farm dairy background and advanced education in dairy genetics would make him “custom-built” for what would become his life’s work.

In 1969, Butcher joined the staff at Dairy Records Management Systems (DRMS), the DHI processing center which had been founded by North Carolina State University (NCSU) in Raleigh to provide management information to dairy producers in that region. For several years, Butcher led the extension and software development roles for DRMS. In 1984, he was appointed DRMS Director, a position he held until his retirement in 1998. Butcher’s forward-looking leadership, tireless

work ethic, and ability to create a “collaborative environment”, helped to take a local DHI processing center and shape it into a national leader in providing dairy herd management services to dairy farmers.

Butcher guided DRMS “through a strong period of growth by fostering an environment of rigorous edits of field data, rapid processing, rich offerings of management information, producer education and broad outreach efforts,” says Dr. John Clay, who succeeded Butcher as DRMS Director in 1998 and is himself also a Dairy Shrine Pioneer honoree in 2019.

During Butcher’s tenure as DRMS Director the number of producers using DRMS services grew by 80% and the number of cows doubled, as more organizations across the United States requested DRMS services. Butcher was at the forefront of recognizing the importance of using the then emerging proliferation of on-farm personal computers for dairy cattle record keeping and analysis. He would lead the transition to using hand-held devices to do data entry, and to generate daily management reports for use on farms.

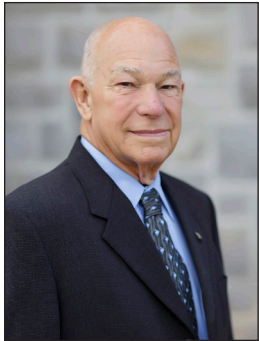
In the late 1970s, Butcher, along with Dr. Dan Webb from the University of Florida, designed an online service called DART (Direct Access to Records by Telephone), which was embraced by many producers in the southern United States. DART was one of the first on-farm software innovations by any U.S. Dairy Records Processing Center. It provided a direct upload of individual cow data to the mainframe computer at NCSU, and the subsequent download of various reports directly to the dairy producer’s printer. DART later evolved in 1985 into PCDART, the popular comprehensive on-farm herd management system used widely today.

Providing cost-effective, easily understood and valuable management programs and information to dairy herd owners was always paramount to Butcher. As Glen Easter, a Jersey breeder and president of United DHIA, says, “Ken’s unique career path gave him a special perspective of seeing issues from the dual vantage points of the dairy producer and the technical staff that directed the development and management of DHIA programs and services.”

Butcher served on numerous National DHI committees during his career. A humble, visionary man who never

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sought the spotlight, Butcher's endeavors always focused on the "good of the industry". He received the National DHIA Outstanding Service Award in 1994 and the American Dairy Science Association's National Dairy Herd Improvement Award in 1987.



*Dr. Michael A. Barnes*

Dr. Michael A. Barnes of Blacksburg, Virginia, a longtime Dairy Science Department professor and dairy cattle judging team coach at Virginia Polytechnic Institute and State University, is among this year's Pioneer honorees.

Mike Barnes's interest in dairy cattle was sparked when this small-town boy went to work on a nearby Connecticut dairy farm as a teenager. After graduating with a degree in dairy science from the University of Connecticut in 1965, he enlisted in the Marine Corps and served his country in Vietnam. Upon returning home, he completed both Master's and Ph.D. degrees in reproductive physiology at UConn. After running a dairy farm with a friend for a few years, he was recruited in 1978 by Clemson University as an Assistant Professor for their Dairy Science Department. In 1981, he moved to Virginia Tech where he was a highly regarded Dairy Science Department professor, advisor and judging team coach and later Professor Emeritus. Barnes retired in 2016 after 35 distinguished years at Virginia Tech.

One of Virginia Tech's most effective and well-respected instructors, Barnes taught classes in dairy cattle selection, reproductive and lactation physiology, and reproductive management. He conducted research and wrote many scientific papers on the physiology of reproduction and lactation. His ability to teach both the "practical" and the "theory" earned him many outstanding teaching awards. In 1989, he received the prestigious William E. Wine Teaching Award, the highest teaching accolade given at Virginia Tech, regardless of discipline. He has also received the Purina Mills National Teaching Award, Virginia Tech's Alumni

Award for Excellence in Academic Advising, the University of Connecticut's College of Agriculture Outstanding Alumni Award, and the American Dairy Science Association's Student Affiliate Advisor Award.

Barnes, however, was more than a gifted teacher say his former students. "He was a highly effective academic advisor, judging coach and mentor that impacted decades of students who branched out into all corners of the dairy industry," says Tom Harkenrider of ABS Global. Barnes served as an academic advisor to over 500 Virginia Tech Dairy Science students during his career. His "everyman" quality enabled him to "connect and motivate students from all backgrounds and ability levels and bring out the best in them as students and industry leaders," says Douglas McCullough of Johnson & Johnson. "Dr. Barnes was universally revered by his students because he spent the time to understand each individual and develop their own strengths and interests, while making it clear he wanted to graduate well-rounded adults" says Jacob Pieper of Phibro Animal Health. As Angie Coburn of AgSource Dairy says of her former teacher, "Dr. Barnes didn't consider his job done until a student graduated WITH a job."

Barnes spent over 40 years as a dairy cattle judging team coach, coaching teams at UConn, Clemson and Virginia Tech. He instilled in his teams not only the ability to evaluate animals, but to develop strong decision-making and communication skills. During Barnes's years at Virginia Tech, he coached five National Champion judging teams (1984, 2006, 2008, 2009 and 2013) and three High Individuals (1991, 2005 and 2013).

Barnes's unparalleled commitment to excellence, his unflinching honesty, humility, and great sense of humor made him popular among his students. He never hesitated, however, to have hard conversations with his students if he felt they weren't delivering their best. In addition to coaching, he was also an advisor to Virginia Tech's Dairy Science Club for over 20 years.

During his years at Virginia Tech, and now in retirement, Barnes has also done international dairy management consulting in South America, the Middle East, Europe and Japan.



*Dr. Shiela McGuirk*

Among this year's Pioneer honorees is Dr. Sheila M. McGuirk of Dodgeville, WI, the respected large animal veterinarian and retired University of Wisconsin-Madison School of Veterinary Medicine (UW SVM) instructor. A world-renowned expert in dairy calf care

and replacement management, her vast knowledge and talent for conveying practical information has earned her the respect of dairy producers, fellow veterinarians and the industry.

After graduating from Cornell University, McGuirk went on to obtain her Doctor of Veterinary Medicine (DVM) from the University of Georgia in 1977, and then Master's and Ph.D. degrees from Ohio State University's College of Veterinary Medicine. In 1983, McGuirk became one of the founding faculty members of the University of Wisconsin's School of Veterinary Medicine. She would help to shape the curriculum and culture of what is one of the country's outstanding veterinary schools. As a professor, McGuirk provided teaching and clinical training over the course of her career to some 2400 veterinary students. Her research focused on the development of clinical tools for the prevention, early detection, and effective treatment and control of common health conditions of dairy calves and cows. She was twice honored with the Norden Distinguished Teaching Award (1990 and 1994) and in 2010 was awarded Kansas State University's "Legend in Academic Medicine" award. In February 2016, McGuirk retired from the UW faculty after 33 distinguished years.

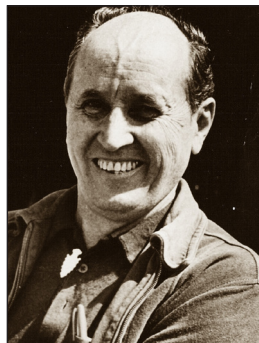
A highly regarded authority on raising healthy dairy calves and troubleshooting herd health problems, McGuirk has influenced how calf health is investigated, measured and classified on dairy farms and in research. Her numerous publications, and extensive extension work on calf health, have served as a reference for

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dairy producers and veterinarians around the world. She has shared her knowledge at hundreds of veterinary meetings. Since 1999, she has written and answered countless questions in a monthly Veterinary Column in Hoard's Dairyman magazine. As Steve Larson of Hoard's Dairyman states, "For decades, she has been the world's 'go to' person on all matters related to raising healthy dairy replacements and veal calves."

McGuirk has inspired, mentored and opened doors for other women in the dairy cattle industry with her warmth, humanity and grace. She has been the recipient of many awards. In 2018, she was named the American Association of Bovine Practitioners' (AABP) "Mentor of the Year". She is one of only three women to have ever earned AABP's "Award of Excellence" (1998). She is a two-time winner of the Wisconsin Veterinary Medical Association's "Veterinarian of the Year" Award (2000 and 2016). In 2013, she was one of only two women named in Bovine Veterinarian magazine's "Top 20 Most Influential Dairy and Beef Cattle Veterinarians".

McGuirk has been a volunteer at World Dairy Expo (WDE) for the past 35 years. "Sheila has been a tireless advocate for the health and well-being of the 2300-head of elite show cattle housed annually at World Dairy Expo," says Scott Bentley of WDE. McGuirk was instrumental in implementing the formal cattle check-in process at WDE where she also recruits and trains UW veterinary students in the procedure. She plays a key role in upholding WDE's show ethics standards and in serving as a general cow health consultant during the show. She is the first, and only woman, to have ever been honored as WDE's "Industry Person of the Year" (2012).



*Larry Moore  
(1907-1985)*

Sell of the Red & White Dairy Cattle Association, Moore's lifetime interest in animal genetics and the interaction of recessive genes made him truly a "pioneer" in the Red & White Holstein movement.

Larry Moore was born and raised on a small farm in Iowa. He became interested in hair coat color changes at a young age when one of his pet rabbits was born with a different hair color than its siblings. Wanting to know why, he sent a letter to Dr. William Castle, a geneticist at Harvard University. Castle replied with a letter explaining how hair color mutations occur in animals, sparking Moore's interest even further in recessive genes. In 1934, Moore purchased a farm in Wisconsin and started a mink ranch where he pursued his growing interest in raising mink that had unusual hair coat colors. From his experiments, he developed the Silverblu and Pink Mink lines and other exotic shades of color. His mink pelts were soon in high demand and commanding very high prices.

In the early 1940s, Moore established a herd of Black & White Holsteins. Within a few years, he had the opportunity to take what he had learned with the mink and apply those lessons to dairy cattle breeding. A visit, and subsequent gift of a Red & White bull calf from Winterthur Farm in Delaware to Moore in 1947, introduced Larry to the Red & White gene. That bull calf, who was a double grandson of Posch Ormsby Fobes 14th, moved to Wisconsin and was named Larry-Moore King. Moore used the bull extensively in his herd and mated him with Red & White females

Among the Pioneer honorees is Larry F. Moore (1907-1985), the noted Red & White Holstein breeder, entrepreneur, and visionary who lived at Suamico, Wisconsin. "A man decades ahead of his time," says Amanda Sell

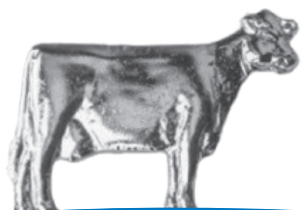
that he had acquired. From this nucleus, Moore developed the first all Red & White Holstein herd in North America and created a breeding stud. He kept accurate identification records, and promoted and marketed his herd's genetics aggressively.

The Red & White Dairy Cattle Association (RWDCA) was formed in 1964 and Moore served as a director from 1966-71 and as president from 1967-69. His home also served as the organization's headquarters during his years as president. Today the RWDCA Master Breeder award is named after Larry Moore. In 1970, the U.S. Holstein Association voted to accept Red & White cattle registrations into their herd book. The Holstein Association's acceptance of Moore's animals was a big step in establishing his credibility as a breeder and gave Red & White Holsteins much needed respect. Almost a third of the first males and 15% of the first Red & White females registered in the Holstein herd book were sired by Moore bred bulls.

Most A.I. units made semen available from Moore's homebred bulls. Among the most popular were "Transmitter Jack", "Pioneer" and "Sir Roeland R", whose dams were all sired by Larry-Moore King. One of "King's" best daughters, Larry-Moore Betsy K, set a Wisconsin butterfat record in 1968 and her image was used as the first True Type model for the Red & White breed.

In the mid-1970s, Moore became interested in the polled trait. One of his homozygous polled bulls, Larry-Moore Crosby B Poll-Red, is the great-grand sire of Aggravation Lawn Boy P-Red, a bull who has firmly entrenched the polled gene in both Red & White and Black & White Holsteins.

Larry Moore died in 1985. But as Ronald Eustice, a fellow Red & White enthusiast and 2018 Dairy Shrine Pioneer winner, says, "No other individual had the impact that Moore did on the Red & White Holstein. Without his resources, business acumen and ability to develop a breeding herd and battery of A.I. sires, it would have been even more difficult for the pioneers of the breed to establish a market for the Red & White Holstein."



# 2019 SCHOLARSHIP WINNERS

## Kildee Scholarships



**Laura Jensen** of Petaluma, California, has been selected as this year's recipient of the H.H. Kildee Undergraduate Studies \$1000 Scholarship. She attended California Polytechnic State University and majored in Dairy Science and Agricultural Business.

Receiving a H.H. Kildee Graduate Studies \$3,000 Scholarship is **Laura Jensen of Comstock, Wisconsin**. Laura attended the University of Minnesota and will be entering graduate school at the University of Florida in dairy cattle reproduction and genetics.



**Alexandra Gambonini** of Petaluma, California, has been selected as this year's recipient of the H.H. Kildee Undergraduate Studies \$1000 Scholarship. She attended California Polytechnic State University and majored in Dairy Science and Agricultural Business.

**Alexandra Gambonini**

## NDS / DMI Milk Marketing & Dairy Products Scholarships



**Emily Annexstad** of St Peter, Minnesota has been awarded the NDS / DMI Milk & Dairy Products top scholarship of \$1500. Emily is an Animal Science and Agricultural Communications & Marketing double major at the University of Minnesota.

These generous scholarships are made possible by Dairy Management Inc. and NDS to encourage students to pursue careers in dairy product or milk marketing, dairy product development and/or quality control or similar roles in the dairy & food industries.

**Emily Annexstad of St Peter, Minnesota** has been awarded the NDS / DMI Milk & Dairy Products top scholarship of \$1500. Emily is an Animal Science and Agricultural Communications & Marketing double major at the University of Minnesota.



Additionally, three other undergraduate students have been awarded \$1000 scholarships. These scholarship recipients are **Kathryn Gardner of Fayetteville, Arkansas** who is majoring in Agricultural Communications and Agribusiness Marketing at the University of Arkansas.

**Kathryn Gardner**



**Samatha Schuessler**

**Ashtley Warren of Watkins, Minnesota** who is attending the University of Minnesota majoring in Agricultural Communications & Marketing. Next is **Samantha Schuessler of Antigo, Wisconsin** who is attending Cal Poly and majoring in Dairy Science with an agricultural communications minor.



**Ashtley Warren**

Minnesota majoring in Agricultural Communications & Marketing. Next is **Samantha Schuessler of Antigo, Wisconsin** who is attending Cal Poly and majoring in Dairy Science with an agricultural communications minor.

## Senior Student Recognition Scholarships

The NDSSeniorStudentRecognition program recognizes graduating seniors planning a career related to the dairy industry who have demonstrated outstanding leadership,



**Abigail Jantzi**

academic ability, and a sincere interest in dairy cattle. Each university is allowed to nominate up to two candidates for this recognition in any given year. The highest honoree receives a \$2000 award, the second a \$1500 award and the other honorees receive \$1000 awards.



**Alexandra Gambonini**

The top scholarship recipient of \$2000 is **Alexandra Gambonini of Petaluma, California** who majored in Dairy Science and Agricultural Business at California Polytechnic State University. The second award of \$1500 goes to **Brooke Roberts of Whitelaw, Wisconsin**. She is graduating from the University of Minnesota



**Elizabeth Regusci**

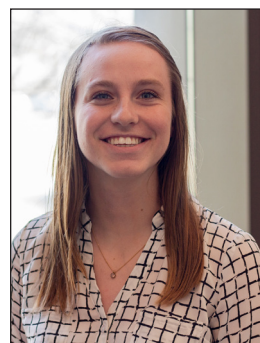
with a degree in Agricultural Communication and Marketing. The next \$1000 recipient is **Erica Helmer from Plymouth, Wisconsin**, who received a Dairy Science degree from the University of Wisconsin-River Falls. Then **Abigail Jantzi from Clymer, New York**, who majored in Animal Science at Penn State University. Following is **Elisabeth Regusci from Modesto, California**, who majored in Dairy Science at Cal Poly. The final senior recognition honoree is **Katelyn Allen from Jefferson, Maryland** who was a major in Dairy Science at Virginia Tech.



**Brooke Roberts**



**Erica Helmer**



**Katelyn Allen**

## 2019 SCHOLARSHIP WINNERS

### NDS/DMI Education & Communication Scholarships

These generous scholarships are made possible by Dairy Management Inc. and NDS to encourage students to pursue education or communication careers in the dairy product industry or related food industries. Major areas include Marketing, Education, Food Science, Nutrition (Human), Public Relations, Promotion, Social Media and Communications.



*Erika Franzen-Acherman*



*Meikah Dado*



*Rachel Coyne*



*Katherine Gathje*

**Erika Franzen-Ackerman of Frederika, Iowa** has been awarded the NDS / DMI Education & Communication top scholarship of \$1500. Erika is a Dairy Manufacturing major at South Dakota State University. Additionally, three other undergraduate students have been awarded \$1000 scholarships.

These \$1000 recipients are: **Meikah Dado of Amery, Wisconsin** a Dairy Science and Life Sciences Communication double major at University of Wisconsin- Madison, **Rachel Coyne of Spring Valley, Wisconsin**, who attends the University of Minnesota and is double majoring in Agricultural Communication & Marketing and Animal Science, and **Katherine Gathje from Richmond, Minnesota**, who attends the University of Minnesota and is majoring in Agricultural Communication & Marketing. Students and already very active in campus activities.

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### Merton Sowerby Junior Merit Scholarships



*Emily Annexstad*

The Merton Sowerby Junior Merit Scholarships are designed to encourage qualified undergraduate students to pursue careers in the dairy industry or related occupations. This scholarship is named in honor of National Dairy Hall of Fame Pioneer and Klussendorf recipient Merton Sowerby.

**Emily Annexstad of St Peter, Minnesota** has been awarded the top scholarship of \$1500. Emily is an Animal Science and Agricultural Communications & Marketing double major at the University of Minnesota.

Additionally, five other undergraduate students have been awarded \$1000 scholarships.

They are: **Shoshana Brody from Baltimore, Maryland** a major in Animal Science at Penn State University, **Sarah Thomas of Pittsboro, North Carolina** who is attending Virginia Tech majoring in Dairy Science, **Sanne de Bruijn of Vicksburg, Michigan** who is attending South Dakota State University double majoring in Dairy Production and Dairy Manufacturing, **Madeline Meyer of Ionia, Michigan** who is attending Michigan State University and majoring in Animal Science, **Lauren Heberling of Carsonville, Michigan** who is attending Michigan State University majoring in Agribusiness and Food Industry Management.



*Shoshana Brody*



*Sarah Thomas*



*Sanne de Bruijn*



*Lauren Heberling*



*Madeline Meyer*



## 2019 SCHOLARSHIP WINNERS

### Mike Lancaster Sophomore Merit Scholarships

The Mike Lancaster Sophomore Merit Scholarships are designed to encourage qualified undergraduate students to pursue careers in the dairy industry or related occupations. This scholarship is named in honor of Distinguished Dairy Cattle Breeder and Klussendorf recipient Mike Lancaster.



*Summer Henschel*

**Summer Henschel of Plymouth, Wisconsin** has been awarded the top scholarship of \$1500. Summer is a student at the University of Wisconsin-Madison majoring in Dairy Science with a Pre-Vet Emphasis. Additionally, six other sophomore students have been awarded \$1000 scholarships. They are: **Kathryn Bosley of Malone, New**

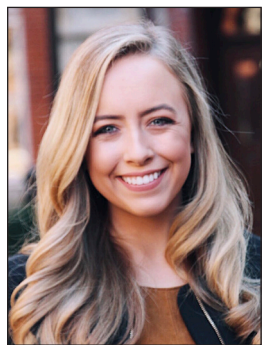
**York, who is majoring in Animal Science at SUNY Cobleskill, Kathryn Gardner of Fayetteville, Arkansas, who is attending the University of Arkansas double majoring in Agricultural Communications and Agribusiness Marketing, Lora Wright of Verona, Missouri, who is an Agribusiness Pre-Law major at Oklahoma State University, Madeline Zutz of Valders, Wisconsin who is a student at the University of Minnesota majoring in Animal Science Pre-Veterinary emphasis, Jessica Mehre of Glenbeulah, Wisconsin, majoring in Dairy Science and Agronomy at the University of Wisconsin-Madison, and Lindsey Sarbacker of Edgerton, Wisconsin who is attending the University of Wisconsin-Madison double majoring in Dairy Science and Life Sciences Communication.**



*Jessica Mehre*



*Kathryn Bosley*



*Kathryn Gardner*



*Lora Wright*



*Madeline Zutz*



*Lindsey Sarbacker*

### Maurice Core Scholarships

These \$1000 scholarships are given in honor of Maurice Core, the long-time Executive Secretary of the American Jersey Cattle Association, and former Executive Director of the National Dairy Shrine. The funds for this award were donated by the friends of Maurice Core. The Core Scholarships are given to freshman status students working toward a degree in dairy/animal science or related majors.



*Jessica Schmitt*

Receiving Maurice Core \$1000 Scholarships are **Jessica Schmitt of Fort Atkinson, Iowa, who is a student at Iowa State University majoring in Dairy Science & Agricultural Communications. Next is Hayley Fernandes from Tulare, California who is majoring in Dairy Science at Cal Poly, then Lantz**

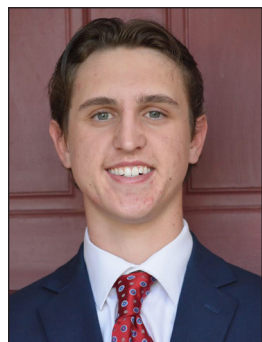
**Adams of Laton, California who is attending Cal Poly majoring in Dairy Science, next is Marie Haase of Somerset, Wisconsin who is a student at the University of Wisconsin-River Falls majoring in Dairy Science. Then Brianna McBride of Severance, Colorado who is attending Iowa State University majoring in Dairy Science and Food Science Industry, next is Sarah Lehner of Delaware, Ohio who is a student at the Ohio State University majoring in Animal Science and Agribusiness Economics. The final recipient is Matthias Annexstad of St Peter, Minnesota, who is majoring in Animal Science at the University of Minnesota. All these college freshmen have been excellent students and already very active in campus activities.**



*Sarah Lehner*



*Hayley Fernandes*



*Lantz Adams*



*Marie Haase*



*Brianna McBride*



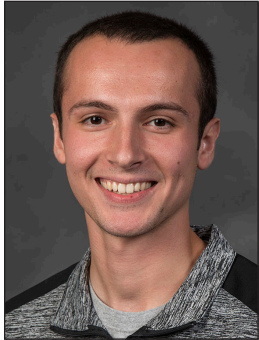
*Matthias Annexstad*

## 2019 AWARD WINNERS

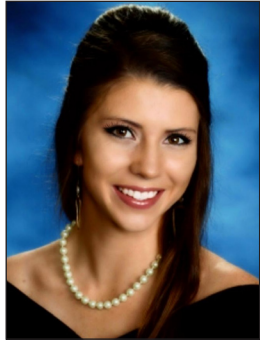
### Iager Scholarship

The Iager Scholarship for \$1000 is awarded annually to students in a two-year agricultural school pursuing a career in the dairy industry. It is based on academic standing, leadership ability, interest in the dairy industry and plans for the future. This scholarship was started with a generous donation from the Charles and Judy Iager family of Fulton, Maryland.

The recipients this year are; **Brock Irwin of Belvidere, Illinois**, who is attending Kaskaskia College majoring in Dairy Science and **Mary McGehee from Okeechobee, Florida** who is attending Kaskaskia



*Brock Irwin*



*Mary McGehee*

College and majoring in Dairy Science.

### Marshall McCullough Communication Scholarships

The Marshall E. McCullough Scholarships are given in memory of Marshall McCullough, the well-respected nutrition researcher and educator from Georgia. This scholarship is presented to two high school seniors planning to attend a four-year college or university to major in an agricultural communications field.



*Ashley Hagenow*

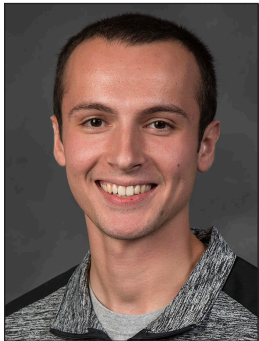


*Kendra Waldenberger*

Receiving the \$2,000 McCullough

scholarship is **Ashley Hagenow of Poynette, Wisconsin**. She plans to use this scholarship as she continues her education at the University of Minnesota, where she will major in Agricultural Communications and Marketing and in Animal Science. Receiving the \$1500 McCullough scholarship is **Kendra Waldenberger of Spring Grove, Minnesota**. She will be majoring in Animal Science and Agricultural Communication & Marketing at the University of Minnesota.

### Klussendorf Scholarships



*Brock Irwin*

The Arthur B. Klussendorf Memorial Association honors those who most nearly exemplify the character and ethics of the late, legendary showman and dairy cattle fitter. The Klussendorf scholarships are made available as a result of gifts from Association members especially the late Klussendorf member Chris Kampf, who won the Klussendorf Award in 1956.

The Klussendorf recipients this year are **Brock Irwin of Belvidere, Illinois**, who is attending Kaskaskia College majoring in Dairy Science, **Lukas Pierson of Butterfield, Minnesota**, who is attending South Dakota State University majoring in Dairy Production and **Samantha Schuessler of Antigo, Wisconsin** who is attending Cal Poly and majoring in Dairy



*Lukas Pierson*

Science with an agricultural communications minor.



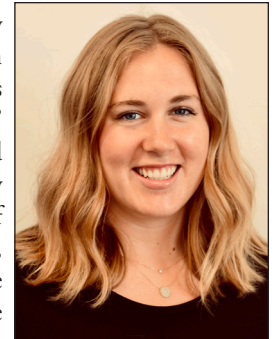
*Samantha Schuessler*

### McKown Scholarships



*Todd Allen*

Money raised by the McKown family and friends of the late "Whitey" McKown, named an honorary Klussendorf member in 1997, make up the funds available for the McKown scholarships.



*Ellie Ainslie*

The McKown scholarship recipients this year are **Todd Allen, Jefferson, Maryland**, who is attending Virginia Tech and majoring in Dairy Science, **Ellie Ainslie, Little Falls, New York** who is attending Cornell University and majoring in Animal Science, **Cassie Menendez, Edmeston, New York** who is attending SUNY-Cobleskill majoring in Dairy Science, and **Katelyn Nolt, Hartley, Texas** who is attending Oklahoma State University and majoring in Animal Science with a business option.



*Cassie Menendez*



*Katelyn Nolt*

### National Dairy Shrine Donation Pledge Form

I would like to contribute to enhance the National Dairy Shrine mission of encouraging future dairy leaders with scholarships, recognizing National Dairy Hall of Fame individuals and recording dairy events, people and history in a museum.

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

City / State \_\_\_\_\_

E-MAIL \_\_\_\_\_

Telephone \_\_\_\_\_

\$25 - \$50 Memorial Donation

\$51 - \$100 Supporter Donation

\$101 - \$500 Blue Ribbon Donation

\$501 - \$1000 Champion Donation

\$1001 and above All Star Donation

If you are not able to contribute today, please remember NDS in the future or as part of your estate planning.

**MAIL to: National Dairy Shrine, PO Box 725, Denmark, WI 54208 or go to [www.dairyshrine.org](http://www.dairyshrine.org)**

### Members Who Have Affirmed National Dairy Shrine with a Gift in Memory or as to Honor

*Donations for 2019 NDS Scholarship Funds*

Chris & Mary Woelfel  
Charles & Judy Iager

*In Memory of Verne Adams*

DuWayne Kutz  
Earl & Betty Kehrmeyer

*In Memory of Jim & Verna Baird*

DuWayne Kutz

*In Memory of Chris Woelfel*

Bob Hagenow  
Don Solberg

*In Memory of Maurice Core*

DuWayne Kutz

*In Memory of Ray Schoeneberg*

Don Solberg  
Fred Hendricks

*In Memory of Riley Emory Brubaker*

Mrs. Zelda Brubaker

*In Memory of Dr Bill Wunder*

Fred & Sharon Hall

*In Memory of Connie Gritton Winter*

Bob Hagenow

*In Memory of Harriet Brown*

Don Solberg  
David Selner

*In Memory of Bernard Monson*

Bob Hagenow

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# NATIONAL DAIRY SHRINE

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info@dairyshrine.org  
www.dairyshrine.org

## Plan To Attend the NDS Annual Meeting and Awards Banquet

The 2019 National Dairy Shrine Annual Meeting Awards Banquet to be held:

**Thursday October 3, Madison, WI**

**Time:**

- 4:30 p.m. NDS Annual Mtg.
- 5:30 p.m. Reception
- 6:30 p.m. Awards Banquet
- 7:15 p.m. Awards Program

**Place:**

Alliant Energy Center Exhibition Hall, Madison, WI.

**Mail orders to:**

National Dairy Shrine  
David Selner, Executive Director  
PO Box 725  
Denmark, WI 54208  
Email: info@dairyshrine.org

Tickets can be purchased by mail using the form below. Persons whose ticket payments are received by **September 15** will receive an acknowledgement of payment but will need to pick up their tickets at the NDS registration table prior to the banquet. If sending a check via US Mail the check must arrive at the office **before September 25** to be credited as pre-paid.

Additional banquet tickets at \$40.00 each can be purchased at the National Dairy Shrine booth in Pavilion 1 or at the NDS banquet reception area. **IT IS STRONGLY ADVISED THAT YOU RESERVE YOUR TICKET NEEDS EARLY** as the banquet has been sold out the last few years.

I would like \_\_\_\_\_ NDS banquet ticket(s) @ \$40.00 each.

My check for \$\_\_\_\_\_ is enclosed, payable to:

**Reserve Tickets For:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

**If you know of someone not receiving the newsletter please have them send a current postal or e-mail address to the NDS office.**

