



2026 Faculty Directory



USDETC- Making a difference in dairy education by providing, practical hands-on instructional training for the next generation of dairy professionals

2026 USDETC Faculty

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**Amin Ahmadzadeh**

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Area of Interest

Dr. Ahmadzadeh is interested in applied cattle reproduction research with an emphasis on fertility and management. His research has been focused on developing a systematic breeding program for dairy cattle to increase fertility rates and improving reproductive and economic advantages of artificial insemination on dairy farms. He is also interested in interaction between nutrition and reproduction.

Consortium Instruction

Drs. Amin and Spencer co-teach this module and will discuss the role of reproductive management using data commonly available on a dairy. You will learn how to evaluate records in order to identify potential “short falls” and the potential financial impact of profitability. This module emphasizes the importance of sound decision making that influence herd profitability.



Kayla Alward
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Area of Interest

Dr. Alward teaches undergraduate Reproductive Physiology and Dairy Cattle Management. She is a member of the American Dairy Science Association (ADSA), the North American Colleges and Teachers of Agriculture (NACTA), the Society for the Study of Reproduction (SSR) and the American Society of Animal Science (ASAS)

Her research is focused on reproductive efficiency in dairy cattle as well as pre-weaned calf health. Her current interests include improving in-vitro embryo production and ovum pick-up, reducing pregnancy loss and identifying cows that will experience early embryonic death, and improving calf health and performance through pre-weaned calf management.

Consortium Instruction

Drs. Pineiro and Alward co-teach this module that discusses management of dairy cow during the last part of the dry period and the first two weeks of lactation. This time referred to as the transition period and is considered “make or break” part of a cow’s lactation. They discuss metabolic diseases including milk fever, ketosis, fatty liver, and uterine disease. Students receive hands on experience of clinical evaluations in the freshly calved dairy cows.



Greg Bethard
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Area of Interest

Greg Bethard grew up in New Jersey USA and developed a passion for agriculture at a young age. He received his BS, MS, and Ph.D. degrees from Virginia Tech in dairy nutrition and management and has spent his entire career in the dairy industry. He has served on faculty at New Mexico State University and North Carolina State University, and as a technical services specialist for Monsanto Dairy Business. From 2000 to 2014, Greg and his wife Rachel operated G&R Dairy Consulting, Inc., an international dairy consulting business based in Blacksburg, VA. Greg consulted with dairy producers and allied industry throughout the US and around the globe, working in Europe, Asia, and Australia. Greg spent a few years in Wisconsin, serving as CFO for the Pagel Family Businesses in Kewaunee, WI from 2014 to 2016. In 2017 Greg moved to Kansas and realized his lifelong dream of becoming a dairyman. Since 2017 he has been managing partner at High Plains Ponderosa Dairy in Plains KS and currently serves as CEO.

Consortium Instruction

This module provides an overview of the dairy industry including current industry happenings, milk pricing, practical financial metrics like Income Over Feed Cost and Money Corrected Milk, and a practical look at rotary milking parlors.



Michele Calvo-Lorenzo
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Area of Interest

Dr. Michelle Calvo-Lorenzo is the Chief Animal Welfare Officer for Elanco Animal Health and joined Elanco in 2015 as an expert in livestock welfare. In her current role, Michelle leads discussions and develops strategies related to animal welfare, with a focus on the areas of research, communication, guidance, and innovative services for the livestock industry. Michelle graduated with a Master's degree and Ph.D. from the University of California, Davis in 2008 and 2012, respectively. Prior to joining Elanco, she was an Assistant Professor at Oklahoma State University and developed a research and teaching program centered on livestock behavior and welfare. Working within the industry and academia over the past decade, Michelle is proud to work alongside hard-working producers, packers, industry representatives, academics, and veterinarians every day. She strives to have a positive impact on livestock welfare and enhance its role in sustainable agriculture.

Consortium Instruction

Drs. Calvo-Lorenzo and Place co-teach this module which will provide an overview of livestock welfare, with an emphasis on dairy-related animal welfare topics that currently impact animal agriculture and consumer perception. Students will be exposed to animal welfare science research, animal welfare legislation, on-farm management of animal welfare, social media and activist influences, and the role animal welfare plays in the sustainability of animal agriculture.



Doug DeGroff
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Area of Interest

Doug DeGroff was born and raised in western NY and is the son of a retired partner of Perry Vet Clinic. Doug attended Morrisville State College for two years, earning his associate's degree, and then transferred to Cornell and graduated in 1996. After graduation, Doug joined Monsanto Dairy, the manufacturers and distributor of Posilac (rbST), and moved to the Central Valley of California. After 4 years, Doug left Monsanto and managed a large dairy for one year in Wisconsin before returning to California. He worked for Cargill Animal Nutrition as a nutritionist and then in 2007 founded Diversified Dairy Solutions, LLC, that he owned and operated for 17yrs. On January 1st of 2024 Doug joined Progressive Dairy Solutions & fellow Morrisville & Cornell alumnus, Matt Budine and company.

Doug actively volunteers with his church, is president of the school board and serves on The Make A Wish Foundation Advisory Board. Doug and his wife, Alison, and their 3 children; Drew, Makenna, and Luke, live on their Almond & Pistachio Farm in Tulare, CA

Consortium Instruction

This module provides students the opportunity to evaluate dairy operations, through the eyes of a dairy consultant.



Jonas De Souza
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Area of Interest

Dr. Jonas De Souza is the Technical Services Manager for Perdue Agribusiness and joined Perdue in 2018. In his current position, he is responsible for developing and maintaining technical specifications for fatty acid blends fed to ruminants. He also supports R&D needs for Perdue AgriBusiness Animal Nutrition, including project proposals, project management, data analysis, presentations and methodology innovations. Additionally, he supports data management needs for dairy farmers; assists with ration balancing for field nutritionists; and provide technical support for ration software.

Consortium Instruction

The modules focuses on feeding the large herd. This includes logistics of inventory and inventory control to insure a consistent nutrient flow to the dairy herd.



Albert De Vries
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Area of Interest

Dr. Albert De Vries grew up on a dairy and swine farm in the central part of the Netherlands. He received his bachelor's and master's in Animal Science with a minor in agricultural economics from Wageningen University in the Netherlands in 1991. In 1995 he came to the United States to pursue a PhD in Animal Sciences at the University of Minnesota with a focus on dairy science, applied economics, operations research and statistics. After graduation in 2001 he accepted a faculty position at the University of Florida. He teaches two undergraduate dairy courses and advises dairy students. His research interests are in optimization of culling and replacement strategies, statistical process control, economics of reproduction, and precision dairy farming. In his extension role, De Vries works with allied industry and dairy producers on farm financial management and to apply the results of his research interests.

Consortium Instruction

Dr. De Vries covers advanced aspects of dairy herd evaluation and the economic impact they have to a dairy operation. Additionally, he discusses tools that could be useful for financial and herd management in dairy farms.



Chad DeChow
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Pennsylvania State University

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Area of Interest

Dr. DeChow grew up on a small dairy farm in New York state and was active in 4-H, FFA and the Junior Holstein Club activities, His primary research is the improvement of dairy cow health and well being as they continue to be bred for higher levels of milk yield and milk production efficiency. His research has demonstrated that genetic selection for stable body weight and body condition can help maintain high levels of cow health in high yielding and efficient dairy cows . His research group have researched the use of dairy farm records as a potential source of health records for direct selection for disease resistance, and evaluated strengths and weaknesses of crossbreeding programs in regard to cow performance . His research group have developed evaluation methods that estimate and demonstrate genetic trends for individual dairy farms.

Consortium Instruction

Dr. DeChow discusses basis inheritance in dairy cattle breeding. Included are data collection methods, data flow, statistical modeling and sire evaluation techniques and ultimately the ability to interpret and use a sire summary for selecting a dairy sire. New concepts in genetic evaluation are also discussed. Students, using a herd simulation program, will be able to see the impact of genetic selection on genetic improvement after several generation of selection.



David Douphrate
Associate Professor
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Area of Interest

Dr. Douphrate works in the areas of occupational safety management. His areas of interest includes prevention of work related injury and illness, occupational ergonomics and safety, safety management and leadership, ergonomic assessment, occupational health and safety leadership and management , employment testing, work disability, worker performance and efficiency, worker physiology, agricultural injury and illness prevention

Consortium Instruction

Dr. Douphrate discusses dairy work place safety issues. Successful completion of this module will result in the student receiving OSHA certification. Students preform safety walk and provide recommendations to the dairy producer regarding workplace safety issues.



Larry Fox
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Area of Interest

Lawrence (Larry) Fox originally hails from New York state where he was a dairy herd-manager following his graduation from Cornell University. His first faculty position was at the University of Hawaii, where his duties were Dairy Extension, research and teaching. After 33 years, he retired from the Faculty of Washington State University. He was very active in teaching dairy production, advising the Dairy Club, co-coaching the Dairy Challenge team, and researching mastitis abatement strategies. For many years Larry has worked with students and youth in various educational projects at Hawaii, WSU and at Clovis, New Mexico.

His research program was designed to examine new methods of control of *contagious and opportunistic* mastitis pathogens. These efforts were principally directed at control of *Staphylococcus sp. and Mycoplasma sp.* mastitis. The focus was directed at the development and validation of strategies to control this disease through applied and basic research. Most recently the program utilized biotechnologies to “Fingerprint” and speciate *Staphylococcus sp. and Mycoplasma sp.* to trace the pathogen from its reservoir to fomite to the host, the cow. The goal was to translate the improved understanding of the epidemiology of the diseases to improved strategies of control. Lastly, Dr. Fox has directed studies to

Consortium Instruction

The focus of the Mammary Gland Health and Milking Management module at the Consortium will be how to maintain quality and quantity of the milk crop that exits the gland. Students will receive instruction in mammary gland anatomy, mammary gland physiology, mammary immunity, mastitis pathogens, milk quality measures, and milking system analysis. The thrust of didactic instruction will be to tie the basic with the applied such that the student will be able to answer the “why” in terms of how things work and the “how” in terms of their application. In continuation, the experiential learning component will be geared to providing the student with a context as to how the basic information can be applied on the farm.



Julio Giordano
Professor
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Area of Interest

Julio Giordano is the director of the Dairy Cattle Biology and Management Laboratory at Cornell University, the director of the Cornell Agricultural Systems Testbed (CAST) and Demonstration Site for the Farm of the Future, and a co-director of the Cornell Institute for Digital Agriculture (CIDA). His research focuses on the development, implementation, and evaluation of technology for dairy production systems. The overarching goal of his research program is to integrate concepts of animal biology, farm management, engineering, and data-analytics for enhancing the reproductive performance, health, and profitability of dairy cattle.

Dr. Giordano is also the director of the Cornell Agricultural Systems Testbed and Demonstration Site (CAST) for the Farm of the Future, which advances data-driven solutions for climate-smart agriculture. Working with farm and industry partners, CAST is developing an ecosystem of networked technologies and techniques to meet the needs of 21st-century farms.

The Giordano Group has pioneered research with dairy cattle reproductive biology and health, precision technologies, automation of management tasks, and development of data-driven solutions for dairy herd management. Specific research projects include:

- Creating, implementing, and evaluating devices for automation of reproductive and health management of cattle
- Developing novel data-driven reproductive and health management programs based on integrated data
- Evaluating the performance of precision technologies for health and reproductive monitoring of cattle in commercial dairy farms

Ultimately, the Giordano Group strives for transforming dairy production systems through a better understanding of cow biology and implementation of technology.

Consortium Instruction

Dr. Giordano will be discussing the development, implementation, and evaluation of technology for dairy production systems. The overarching goal of his lectures will be to integrate concepts of animal biology, farm management, engineering, and data-analytics for enhancing the reproductive performance, health, and profitability of dairy cattle. His discussions will include creating, implementing, and evaluating devices for automation of reproductive and health management of cattle. Additionally he will discuss developing novel data-driven reproductive and health management programs based on integrated data as well as evaluating the performance of precision technologies for health and reproductive monitoring of cattle in commercial dairy farms.

**Robert Hagevoort**

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Area of Interest

Dr. Robert Hagevoort, a native of The Netherlands, is a Professor and Extension Dairy Specialist in the Extension Animal Sciences and Natural Resources Department of College of Agricultural in the College of Consumer and Environmental Sciences at New Mexico State University. He is also the holder of the [Topliff Dairy Chair](#), which is charged with promoting the visibility of the dairy industry through research, extension and education and which serves as a policy center for regulatory matter.

He earned his bachelor's degree in Tropical Animal Production from the College for Tropical Agriculture (1987) in Deventer, The Netherlands. He received a M.S. degree in Range Nutrition (1989), and a Ph.D. in Animal Nutrition (1993) both from Texas A&M University.

Prior to joining New Mexico State University as an Extension Dairy Specialist in November of 2005, Dr. Hagevoort served for over 10 years as an independent dairy management consultant primarily in California's southern and central Valley. As an Extension Specialist, he has been working closely with the dairy industry in New Mexico and across the Western US regarding many regulatory and environmental issues and initiated an effort to rebuild a dairy program at NMSU through the formation of the U.S. Dairy Education & Training Consortium (USDETC).

A key component of his current research & extension program is the development and implementation of a comprehensive dairy workforce training & safety program.

Consortium Instruction

Dr. Hagevoort will discuss the many issues associated with finding, training and developing an efficient work force for a modern dairy facilities.



Adam Krull
Senior Veterinarian/Nutritionist
Pioneer

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Area of Interest

Dr. Adam Krull is a Dairy Veterinarian and Nutritionist for Pioneer where he provides technical support to dairy producers regarding forage production, harvest, storage and preservation in a manner that improves animal productivity and health.

Dr. Krull received his training from Iowa State University which encompasses many important aspects of the dairy industry. This training includes a bachelor's degree in dairy science, a doctorate in veterinary medicine, and a Ph.D. in veterinary microbiology.

Dr. Krull spent time as a general dairy practitioner in northeast Wisconsin. While serving as an associate veterinarian in a progressive dairy practice, Dr. Krull worked with every aspect of the dairy industry, from treating individual sick cows on small family farms to developing treatment protocols and training employees of larger dairy operations.

Prior to working for Pioneer, Dr. Krull was most recently a Clinical Assistant Professor at the Iowa State University Veterinary School where his role involved teaching, research, and clinical work in various areas of production animal medicine.

Outside of his job at Pioneer, Dr. Krull and his wife Amanda have a small hobby farm that includes a herd of registered Black Angus cattle.

Consortium Instruction

This module will be taught by Dr. Krull. This Pioneer Silage Zone Manual, will be the foundation of the forage topics covered in the lectures at the US Dairy Education and Training Consortium and include aspects of selecting, growing, harvesting, storing and feeding quality forage and high-moisture grain crops



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Area of Interest

Dr. Lucy is known for his work on the reproductive physiology of high-producing dairy cows. His current research program examines the physiological processes regulating fertility in dairy cows and explores practical methods that evolve from this research. Early embryonic loss is one of the most-pressing reproductive problems facing the dairy industry today. His current work, therefore, focuses on early embryonic development and how uterine disease early postpartum leads to early embryonic loss. Studies range from basic (transcriptomics) to applied (whole animal field trials).

Consortium Instruction

Dr. Lucy, along with Dr. Poock bring a practical approach to teaching physiology of reproduction in dairy cows. Students will learn about basic endocrine control of the reproductive cycle. Additionally, students will have the opportunity to examine reproductive tracts in different stages of develop. Additionally, students will have the opportunity to rectal palpate. Students will conduct a basic male reproductive soundness exam and have the opportunity to conduct semen evaluation. This is a hands-on week of reproductive management.

**Juan Pineiro**

Assistant Professor and Extension Dairy Specialist
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Area of Interest

Juan Pineiro was born in northeast Patagonia region of Argentina and helped his family on their cow calf-operation. His area of interest has been in the area of transition cow management, farm personnel training and dairy cattle reproduction. During graduate school he taught veterinary and graduate students about transition cow management with emphasis on reproductive performance of lactating cows. He also taught best calving management practices, including hands-on demonstration on dystocia management

Consortium Instruction

Dr. Pineiro discusses management of dairy cow during the last part of the dry period and the first two weeks of lactation. This time referred to as the transition period and is considered “make or break” part of a cow’s lactation. He discusses metabolic diseases including milk fever, ketosis, fatty liver, and uterine disease. Students receive hands on experience of clinical evaluations in the freshly calved dairy cows.

**Sara Place**

Associate Professor: Feedlot Systems
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Area of Interest

Dr. Sara Place is an expert in livestock systems sustainability with over a decade of experience in academia, industry associations, and private industry. Most recently, Sara has been the Chief Sustainability Officer at Elanco Animal Health where she provided technical expertise on sustainability issues to customers and supported Elanco's Healthy Purpose. Prior to Elanco, she was the senior director for sustainable beef production research at the National Cattlemen's Beef Association and an assistant professor in sustainable beef cattle systems at Oklahoma State University. She received her PhD in Animal Biology from the University of California, Davis, and a BS in Animal Science from Cornell University. Sara is a native of upstate NY where she grew up on a dairy farm.

Consortium Instruction

Drs. Calvo-Lorenzo and Place co-teach this module which will provide an overview of livestock welfare, with an emphasis on dairy-related animal welfare topics that currently impact animal agriculture and consumer perception. Students will be exposed to animal welfare science research, animal welfare legislation, on-farm management of animal welfare, social media and activist influences, and the role animal welfare plays in the sustainability of animal agriculture.



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Area of Interest

Dr. Scott Poock is an extension dairy veterinarian for the College of Veterinary Medicine at the University of Missouri-Columbia. He is also a member of the Commercial Agriculture Dairy Focus team where he provides expertise in the area of reproductive management. Dr. Poock was born and has lived in Wisconsin for the majority of his life. He was in the first class to graduate from the University of Wisconsin School of Veterinary Medicine in 1987. He practiced at the Birnamwood Veterinary Clinic (in Birnamwood, Wisconsin) for almost 19 years. His primary work was with dairy farms. He is board certified by the American Board of Veterinary Practitioners in both beef and dairy cattle practice.

Consortium Instruction

Drs. Poock and Lucy co-teach this module which focuses on basic and applied aspects of reproduction management in dairy herds. Students learn concepts of reproduction in dairy cattle and get familiar with estrus synchronization programs in dairy herds. Students get hands on experience to perform, artificial insemination, pregnancy diagnosis, ultrasound of reproductive tracts and dissection, and bull evaluation.



Dave Shelton
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Area of Interest

David Shelton has served as President and Chief Executive Officer of Western Dairy Transport, LLC (WDT), the nation's leading milk and dairy related transportation company, since 2007. His steadfast dedication to the continued mission and vision of WDT began when he joined the firm in 2002 as its General Manager and Chief Operating Officer. Having completed both a Bachelor's of Science in Dairy Science and a Master's in Business Administration from Texas A&M University, David is devoted to making successful impacts across the nation's dairy supply chain.

Consortium Instruction

Mr. Shelton will discuss the importance of transportation in today's dairy enterprise.



Jennifer Spencer

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Area of Interest

Dr. Jennifer Spencer grew up in Boise, Idaho and is currently an Assistant Professor & Extension Dairy Specialist for Texas A&M AgriLife Extension Services. Her primary research interests include reproduction, nutrition, disease, and manure management. Dr. Spencer has an extensive background in reproductive management, breeding protocols, and factors effecting dairy cattle fertility. Through her position she organizes employee trainings, producer educational programs, and youth development programs to promote the dairy industry and agriculture.

Consortium Instruction

. Drs. Amin and Spencer co-teach this module and will discuss the role reproductive management using data commonly available on a dairy. You will learn how to evaluate records in order to identify potential “short falls” and the potential financial impact of profitability. This modules emphasizes the importance of sound decision making that influence herd profitability.



of



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Area of Interest

Dr. Taylor's primary research interests are in the utilization and mechanisms of food antimicrobials to inhibit bacterial foodborne pathogens. Natural food antimicrobials are diverse in their chemistry, spectrum of activity, sources, and applications within foods. Specifically, research is conducted to investigate and determine the manner by which food antimicrobials inhibit microbial pathogens. Additionally, research is conducted that seeks to overcome obstacles to the use of food antimicrobials in some product by the encapsulation of food antimicrobials. Dr. Taylor is currently participating and leading collaborative research projects with faculty in the Departments of Horticultural Sciences, Nutrition and Food Science, Poultry Science, and even Chemical Engineering, in addition to multi-institutional research projects with scientists from around the U.S.

Consortium Instruction

Dr. Taylor covers milk chemistry and quality and the impact it has on producing the final milk product. During this module, students visit an artesian cheese plant.



Tami Tollenaar
Milk Quality Specialist
Lely

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Area of Interest

Tami Tollenaar, based in Paris, TX, US, is currently a Milk Quality Specialist at Lely. Tami Tollenaar brings experience from previous roles at Lely and Daisy Farms - Texas. She has been very active in Dairy Challenge, having served on the both the national and regional board.

Consortium Instruction

Ms. Tollenaar will lead a tour of T&K Dairy in Synder, TX. Students will move through different locations at which a technology will be demonstrated. This dairy has robotic milkers plus many other new technologies.



Jeanne Tomaszewski
Deputy Director and Research Coordinator
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Area of Interest

The World Food System Center at ETH Zurich (Swiss Federal Institute of Technology) acts as a coordination and management platform to establish research, education, and outreach initiatives supporting the transition to sustainable food systems. It brings its members together to collaborate in interdisciplinary ways and with a variety of external partners.

Jeanne joined the World Food System Center in December 2016 and is currently the Deputy Director and Research Coordinator. She leads the coordination and development of Center research programs as well as fosters dialogue across science, policy, and practice. In this role, she organizes and moderates exchanges that engage audiences from the public to global experts and that bridge sectors and disciplines. These activities ensure research insights from ETH Zurich are translated into actionable knowledge for diverse stakeholders.

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Consortium Instruction

Dr. Tomaszewski will lead a discussion on essential elements of sustainable food systems and why dairy have an important part to play in creating sustainable food systems. She will be joined by Dr. Robert Huber from the Agricultural Economics and Policy Group, ETH Zurich and also a representative from the Swiss dairy industry.

Dr. Huber's research focuses on the integration of interdisciplinary knowledge to analyse and evaluate management and policy options that promote and improve sustainable development in the agricultural sector. His input will focus on current agricultural policies in Switzerland supporting sustainability in dairy. He will also highlight current research on agricultural policy to help achieve sustainability in dairy.

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Benjamin Wenner

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Area of Interest

Benjamin grew up on a small family farm in Africa, Ohio, before leaving to attend Michigan State University for his undergraduate degree where he worked for Drs. Buskirk and Beede on beef weaning and dairy feeding studies, respectively. Afterwards, he completed an M.S. in Animal Sciences at The Ohio State University in swine management/animal welfare with Dr. Moeller before returning to dairy cattle nutrition during his Ph.D. Under Dr. Jeff Firkins, Benjamin used continuous culture fermenters to demonstrate the effect of rumen physiological conditions on microbial growth and diet fermentation. Benjamin is a world expert in the use and operation of dual-flow continuous culture for animal feed and rumen microbiology research.

After a couple of years in industry with dairy technical services and research, Benjamin returned to OSU as an Assistant/Associate Professor in Animal Sciences where his primary courses included principles of nutrition, small ruminant management, interdisciplinary vitamin and mineral metabolism, and hands-on laboratory learning courses. A vocal proponent of digital technologies, Benjamin focused on helping faculty develop skills and tools to educate students in non-traditional formats, especially during the COVID-19 pandemic. With Ohio 4-H, Benjamin pioneered virtual youth Skillathons and devoted his time to growing statewide livestock educational contest participation. In 2025, he left OSU and joined Feedworks USA as a national product manager.

Benjamin's role at Feedworks USA is to drive national sales by providing technical, training, marketing, and troubleshooting support for dairy producers, nutritionists, and feed mills by liaison between Celtic Sea Minerals in Ireland and DCL and Feedworks USA in Canada and the U.S., respectively. He remains actively involved in university research, serving on several graduate student committees, and a current board member for the Tri-State Dairy Nutrition Conference and on the FASS Advisory Committee for ADSA. In his spare time, his family raises registered Hampshire sheep (@SheepThrillsOH) where he volunteers for 4-H and is an elected director of the Delaware County Fair.

Consortium Instruction

The module focuses on dairy cattle nutrition. Dr Wenner's extensive background in dairy cattle nutrition provide the student a unique opportunity to look at all aspects associated with feeding the dairy herd. Students will have the opportunity to view various nutrients and the impact nutrient change has on milk production.



Alex White
Instructor
Department of Dairy Science
Virginia Tech University

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BS Virginia Tech University, Blacksburg

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Area of Interest

Alex grew up on a small beef farm in northeastern Maryland. He was very active in 4-H throughout his youth. His primary projects were beef, field crops, tractor operation, wood-working, and marksmanship. He was always interested in the business side of agriculture as well as the production aspects.

Alex has taught a wide variety of college courses at Ohio State, NC State, Ferrum College, and Virginia Tech for the past 25 years. Always an academic generalist, he has worked in several academic departments over his career. A majority of his career has been in the field of Agricultural Economics, but he taught personal financial management in the Department of Apparel, Housing & Resource Management for 5 years. Alex taught part-time in the Dairy Science department for 4 years before joining the faculty full-time in August 2016.

The courses he has taught are mainly related to the business and financial side of agriculture. He jokes that, “if it involves a dollar sign, he teaches it.” In the Dairy Science department he teaches Dairy Enterprise Management, Entrepreneurship in Animal Agriculture, and Advanced Dairy Management Evaluation (co-taught with Dr. Gonzalo Ferreira). He also teaches Personal Financial Planning for the university.

Consortium Instruction

Dr. White will cover basic economic costs, as well as enterprise and partial budgets. Additionally, loan structure which includes operating debt versus term debt, loan term and timing of payments and loan amortization will be addressed. He will also include balance sheets and income statements, as well as cash flow budgeting. To determine financial well being, he will look at financial ratio analysis and investment analysis. This module is intended to provide the students with the basics of determining dairy profitability.

**Jason White**

Teaching Instructor
Department of Animal Science
Oklahoma State University, Stillwater

MS Oklahoma State University
BS Oklahoma State University

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Area of Interest

Jason grew up being activity involved in FFA. As an undergraduate at OSU, he worked on the univariate's dairy farm. He completed his MS in dairy sustainability while Drs. Place and Calvo-Lorenzo were faculty members at OSU. Upon graduation, he was employed by Purina Animal nutrition and became a specialist in dairy calf management. Upon leaving Purina, he Returned to OSU and teaches dairy management courses. H wis also involved with dairy judging and the dairy challenge program

Consortium Instruction

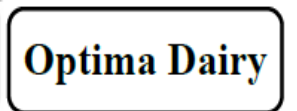
Discusses modern aspect of calf and heifer management. Instruction covers all aspects of heifer calf management.



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