

Lorraine Sordillo-Gandy, PhD

Lorraine Sordillo-Gandy spent her early years in Massachusetts, where she developed her love of animals. She obtained her B.S. and M.S. degrees from the University of Amherst at Amherst Mass and a Ph.D. in lactation physiology from the Louisiana State University. Her career first took her to Knoxville, Tennessee, where she completed her post-doctoral research. After that, she began work in the immunology group of the Veterinary Infectious Disease Organization (VIDO) in Saskatoon, Saskatchewan, Canada. A 12-year stay at Penn State University followed where she rose from assistant to full professor. From there, she moved to Michigan State University to become the inaugural Meadow Brook Chair in Farm Animal Health and Well-being in the college of veterinary medicine.



Her research focused on developing solutions to reduce health disorders in dairy cattle by investigating the interaction between nutrient metabolism, oxidative stress, and immunology. Lorraine's research resulted in 5 U.S. patents aimed at mastitis therapy and control. She authored or co-authored more than 180 peer-reviewed articles in addition to numerous chapters in books, proceedings articles, research abstracts, and lay articles. She garnered more than \$18 million in funds as either principal investigator or co-investigator from industry and various federal funding agencies such as the USDA or the NIH. Lorraine was a sought-after speaker, having delivered more than 100 invited or keynote presentations relating to dairy cattle health in 18 different countries. Lorraine dedicated herself to training the next generations of scientists, advising more than 30 graduate students that have become leaders in their fields in industry or academia, and being a fearless mentor and advocate for numerous junior faculty. Lorraine also contributed to professional societies, serving on national scientific committees, editorial boards, and grant review panels.

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