

Wednesday, July 29, 10-11:45 a.m.

WiSys SPARK Symposium Virtual Series: Innovation in Dairy

Speakers



Denise Ney joined the faculty in the Department of Nutrition Sciences, CALS, UW-Madison in 1986 after receiving her PhD in Nutrition from the University of California-Davis. She served as department chair (1997-2003), director of the campus NIH Graduate Training Program in Nutrition (1998-2008), and is director of the Didactic Program in Dietetics. Dr. Ney's research program addresses gastrointestinal physiology with a special interest in the dairy protein produced during cheesemaking, glycomacropeptide (GMP). Dr. Ney has pioneered the use of medical foods made with glycomacropeptide (GMP) for the dietary management of phenylketonuria (PKU), a rare genetic disease. Surprising findings from the PKU research revealed that mice fed GMP had bigger, stronger bones, and reduced body fat and inflammation compared to a casein diet. This led Dr. Ney to investigate how a dietary supplement made with glycomacropeptide may help women lose weight and maintain bone health.



Sylvia Kehoe is a professor in the Department of Animal and Food Science at the University of Wisconsin-River Falls teaching a variety of courses related to dairy and nutrition.



Steven Deller is a professor in the department of agricultural and applied economics at the University of Wisconsin-Madison. His research interest includes modeling community and small

regional economies in order to better understand the changing dynamics of the economy, assess the impact of those changes, and identify local economic strengths, weaknesses, opportunities and threats. He is also interested in the implications of the changing public finance system in Wisconsin.



Claudine Pied is an associate professor of sociology and anthropology at the University of Wisconsin-Platteville. Her research interests include rural politics and economic change and land ownership and access in the U.S.



Joseph Wu is an associate professor of chemistry at the University of Wisconsin-Platteville with a background in analytical chemistry and chemical engineering. He has been active in material development, characterization and applications.



John Obielodan is an associate professor of mechanical engineering the University of Wisconsin-Platteville with design and manufacturing experience in the automotive sector. His research interests include development of novel materials using additive manufacturing also known as 3D printing processes.



Jill Coleman Wasik is an associate professor in the Department of Plant and Earth Science at the University of Wisconsin-River Falls. Her research interests include how human activity impacts the transport of nutrients and other contaminants through natural systems. The ultimate goal of her work is to understand how human activities benefit from natural processes while also lessening their impacts on natural systems.