

## 2022 Dairy Summit

### Poster information

*Listed according to priority area and first author*

### Ensuring animal health and welfare

**William Brown, Department of Animal and Dairy Sciences, UW–Madison**

“Effects of in utero choline exposure on growth, feed efficiency, and carcass quality in Angus x Holstein cattle”

wbrown27@wisc.edu

**Kate Creutzinger, Department of Animal and Food Science, UW–River Falls**

“Characterizing the behavior and management of dairy cows and neonate calves shortly after birth”

katherine.creutzinger@uwrf.edu

**Jimena Laporta, Department of Animal and Dairy Sciences, UW–Madison**

“Innovative methods to detect and protect against heat stress in Wisconsin dairy calves in a hutch environment”

jlaporta@wisc.edu

**Matheus Pupo, Department of Animal and Dairy Sciences, UW–Madison**

“Feeding behavior effects on lactation performance”

pupo@wisc.edu

**Kaylee Riesgraf, Department of Animal and Dairy Sciences, UW–Madison**

“Heifer feed efficiency and methane emissions”

kawarner2@wisc.edu

## Stewarding land and water resources

### **Jason Cavadini, Marshfield Agricultural Research Station, UW–Madison**

“The environmental impact of Italian ryegrass managed in high production dairy forage systems”

jason.cavadini@wisc.edu

### **Walker Crane, Department of Soil Science, UW–Madison**

“Increasing environmental stewardship of dairy forage production systems with cover crops”

wcrane2@wisc.edu

### **Jingyi Huang, Department of Soil Science, UW–Madison**

“Inkjet printed, low-cost soil moisture-nitrate sensors: Geometrical optimization of soil moisture sensors to improve sensitivity”

jhuang426@wisc.edu

### **Joel Peterson, Department of Agricultural Engineering Technology, UW–River Falls**

“Updating manure values in SNAPplus for better nutrient management planning”

joel.peterson@uwrf.edu

### **Natasha Rayne, Department of Plant and Earth Science, UW–River Falls**

“UWRF Mann Valley Farm bovine compost research”

natasha.rayne@uwrf.edu

### **Damon Smith, Department of Plant Pathology, UW–Madison**

“The digital nutrient management farmer education (NMFE) training curriculum: A new approach to nutrient management planning for Wisconsin”

damon.smith@wisc.edu

## Growing farm business and communities

**Christopher Holtkamp, Department of Plant and Earth Science, UW–River Falls**

“Measuring differences in social capital and economic condition in Wisconsin dairy counties”  
christopher.holtkamp@uwrf.edu

**Youngmi Kim, Department of Agricultural Engineering Technology, UW–River Falls**

“Development of whey protein–lignin based film materials for dairy food packaging applications”  
youngmi.kim@uwrf.edu

**Luis Peña–Lévano, Department of Agricultural Economics, UW–River Falls**

“Automatic milking systems: An exploratory study of Wisconsin dairy farms”  
luis.penalevano@uwrf.edu

**Ligia Moreira, Department of Animal and Dairy Sciences, UW–Madison**

“Dairytrader®: An instantaneous cull dairy cow price estimation to help farmer decision”  
lmoreira@wisc.edu

**Arquimides Reyes, Department of Animal and Dairy Sciences, UW–River Falls**

“Understanding beef genetic impacts on feedlot performance and carcass characteristics in dairy x beef animals”  
arquimides.reyes@uwrf.edu

**Joshua Yue, Department of Computer Science and Software Engineering, UW–Platteville**

“Cybersecurity on dairy farms”  
yues@uwplatt.edu

## Enriching human health and nutrition

**Grace Enzien, Department of Bacteriology, UW–Madison**

“Dairy residue fermentation into designer (D)-lactic acid”  
enziens@wisc.edu

**Grace Lewis, Department of Animal and Food Science, UW–River Falls**

“Optimization of casein micelle nanoparticle formation using high–pressure homogenization”  
grace.lewis@uwrf.edu