

## **April 19, 2023 | Wisconsin State Capitol Poster information**

*Listed according to priority area and first author*

### **Ensuring animal health and welfare**

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

*“Heifer feed efficiency and methane emissions”*

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**Shawna Sigl, Department of Agricultural Education, UW–River Falls**

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

shawna.sigl@my.uwrf.edu

### **Stewarding land and water resources**

**Jason Cavadini, Division of Extension, 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”*

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**Joseph Sanford, School of Agriculture, UW–Platteville**

*“Incorporating biochar into dairy manure anaerobic digestion systems”*

*and*

*“Biochar as a manure storage cover for ammonia and greenhouse gas emissions”*

sanfordj@uwplatt.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

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

*“Automatic milking systems: An exploratory study of Wisconsin dairy farms”*

[luis.penalevano@uwrf.edu](mailto:luis.penalevano@uwrf.edu)

**Karland Kilian, Department of Computer Science and Software Engineering, UW–Platteville**

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

*“Cybersecurity on dairy farms”*

[kiliank@uwplatt.edu](mailto:kiliank@uwplatt.edu)

[yues@uwplatt.edu](mailto:yues@uwplatt.edu)

## Enriching human health and nutrition

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

*“Dairy residue fermentation into designer (D)-lactic acid”*

[enzien@wisc.edu](mailto:enzien@wisc.edu)

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

*“Optimization of casein micelle nanoparticle formation using high-pressure homogenization”*

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