

Marquette University (MU)
Department of Civil, Construction and Environmental Engineering
Environmental Engineering Seminar Series
Fall 2024

Wednesdays, 12 – 12:50 PM
Engineering Hall, Room 236
1637 W Wisconsin Ave, Milwaukee WI 53233

September 4

The Bee Branch (flood mitigation & resiliency, stormwater treatment, habitat creation, neighborhood revitalization, community engagement, transportation enhancement, tourist attraction, so citizens can sleep at night) Project
Deron Muehring, Water & Resource Recovery Center Director, City of Dubuque

September 18

Data-Efficient Stream Nutrient Modeling: An Application of Data-driven Sparse Sensing
Wasif Bin Mamoon, PhD Student, Dept of Civil, Construction & Environmental Engineering, MU

September 25

The Impact of Metals from Drinking Water Pipes on Antibiotic Resistance
Veronika Folvarska, PhD Student, Dept of Civil, Construction & Environmental Engineering, MU

October 2

Nutrient removal in an advanced water reuse treatment system
Payton Loftis, MS Student, Dept of Civil, Construction & Environmental Engineering, MU

October 23

Alternative electrocoagulation techniques for PFOS Degradation from Water
Dr. Govindan Kadarkarai, Postdoctoral Scholar, Dept of Civil, Construction & Environmental Engineering, MU

October 30

At Home, At Work, At Rest: a Realist Evaluation of Design and Delivery of Exposure Interventions for Indoor Environments
Dr. Ellison Carter, Associate Professor, Civil, Construction & Environmental Engineering, Colorado State University

November 6

Ammonia Recovery from Livestock Manure Using Membrane and Electrochemical Systems
Dr. Mohan Qin, Assistant Professor, Civil & Environmental Engineering, UW-Madison

November 13

Investigating the effects of disinfection on the persistence of surface-associated pathogens
Jennifer Lavin, PhD Student, Dept of Civil, Construction & Environmental Engineering, MU

Professional development hours (PDHs). PDHs will be recorded and an email documenting attendance will be sent to attendees to use towards their Wisconsin Professional Engineer's license. Each seminar presentation is equivalent to one PDH. It is the responsibility of the PE to retain all records.