

Marquette University  
Department of Civil, Construction and Environmental Engineering

## **Environmental and Water Resources Engineering Seminar Series Spring 2019**

Wednesdays, 12 – 12:50 PM  
Engineering Hall (new engineering building), 1637 W. Wisconsin Ave., Milwaukee, WI, Room 323

**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.

### **Feb 13<sup>th</sup>**

Katie Richardson, Greeley and Hanson  
*Waukesha's Challenge: Getting it Right the First Time  
Designing and Constructing a New Drinking Water Supply System*

### **Feb 27<sup>st</sup>**

Nick Benn, M.S. Student, Marquette University  
*Closing the loop on biodegradable plastics with anaerobic biotechnology*

### **Mar 6<sup>th</sup>**

Sazzad Sharior, M.S. Student, Marquette University  
*Improved reliability of stormwater detention basin performance through water quality data-informed real-time control*

### **Mar 27<sup>th</sup>**

Will Lynn, M.S. Student, Marquette University  
*Impact of Electrocoagulation Pretreatment on E. Coli Mitigation Using Electrooxidation*

### **Apr 3<sup>rd</sup>**

Joe Naughton, M.S. Student, Marquette University  
*Development of an Urban Land Cover Temperature Model using Drone Imagery*

### **Apr 10<sup>th</sup>**

Emily Maher, Ph.D. Student, Marquette University  
*Electrochemical treatment technologies for the removal of estrogenic compounds from drinking water*

### **Apr 24<sup>th</sup>**

Lut Raskin, Michigan, AEESP Distinguished Lecturer  
*Can engineering controls shape the drinking water microbiome and reduce the risk of opportunistic infections?*