

# CAS Associates and Fellows Noonhour Presentations

Bring your lunch for a noonhour exploration of some of the best scholarship produced at the University of Illinois.

**12:00 Noon**

Music Room

Levis Faculty Center, Suite 200  
919 West Illinois Street, Urbana  
University of Illinois at Urbana-Champaign

**Free and open to the public.**  
[cas.illinois.edu](http://cas.illinois.edu)

**WEDNESDAY, MARCH 13, 2019**

## **Jeremy Guest**

Department of Civil & Environmental Engineering,  
Beckman Fellow 2017-18

## **Leveraging Bodily Waste for Sustainable Development**



Roughly 2.3 billion people lack access to basic sanitation, and more than half the world's bodily waste is not safely managed.

To overcome this challenge, we can look to the resources in bodily waste as a means to generate revenue while also providing sanitation. In particular, nutrients for agriculture (nitrogen, phosphorus, potassium) can be recovered, making end users a source of individually derived renewable resources and part of local/regional nutrient cycles critical to development.