



**PennState**

# AGRICULTURAL AND BIOLOGICAL ENGINEERING

## “Activated Carbons for Drinking Water Treatment”

Activated carbons are engineered biochars, made from coal, wood, coconut shells, and other materials. We have studied how to tailor these for removing organic carbon from water. We have also tailored these to remove anions and fluorocarbons from water. We have extended the bed life for removing these compounds by 3-10 times by some of our tailoring tricks.

### **Presented By Fred Cannon, Ph.D.**

Dr. Cannon is a Professor of Civil and Environmental Engineering at Penn State.  
He has published 105 journal papers and 7 patents.  
He has been funded by NSF for 24 consecutive years.



Monday, October 1, 2018  
3:45 – 4:45 PM  
312 Agricultural Engineering Building