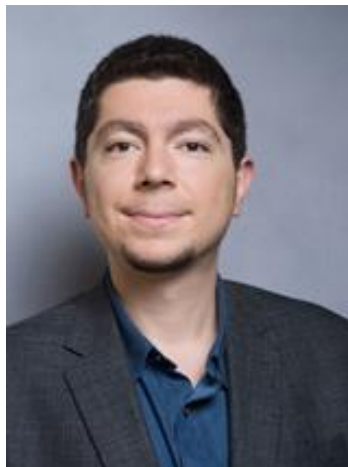




**UAA College of Engineering**  
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

## **Carbon-Based Nanomaterials for Innovations in Drinking Water Treatment**

Presented by Dr. Onur G. Apul

Although nanomaterials are minute in size, they offer enormous benefits in technology development owing to their sorptive, catalytic, thermal, and electromagnetic properties. Exploring nano-scale technologies creates a platform for development of innovative engineering solutions to persistent environmental problems. Discovering molecular level interactions between nanomaterials and pollutants, and empowering technology development for drinking water treatment are the overarching goals of Dr. Apul's research.

Onur Apul is an Assistant Professor in Civil and Environmental Engineering at the University of Massachusetts Lowell. Prior to his current appointment, he was a post-doctoral researcher in the School of Sustainable Engineering and the Built Environment at Arizona State University. He earned his Ph.D. in 2014 in Environmental Engineering at Clemson University, South Carolina. His BS (2006 Honor Roll) and MS degrees are in Environmental Engineering from Middle East Technical University, Ankara, Turkey. Dr. Apul has published 28 peer-reviewed journal articles and submitted four patent applications to date. He has given 50 presentations, including invited keynote lectures and invited talks at national and international meetings.

**Friday, March 1, 2019**

**11:45 am-12:45 pm**

**UAA College of Engineering, EIB 211**