



Susheera Pochiraju

susheera.pochiraju@slu.edu

ADVISOR/MENTOR: Dr. Adams
PROGRAM START: Fall 2018

BIOGRAPHY

Susheera is a doctoral student pursuing a Ph.D. in Civil Engineering with a concentration in Environmental Engineering under Dr. Craig Adams and Dr. Christiane Hoppe-Jones. She joined SLU in Fall 2018 and is expecting to graduate in Spring 2021. Her Ph.D. is being supported by American Water, where she works with the water research group at the American Water Central Laboratory, Belleville, IL.

She graduated with a thesis-based Masters from University of Colorado Boulder in Environmental Engineering (2015-2018). She grew up in India where she completed her Bachelors in Biotechnology. Her goal is to pursue a career in research and development in water treatment and reuse to help develop sustainable solutions for safe drinking water. In the long run, she hopes to work on the crisis of water scarcity caused by climate change and population growth.

RESEARCH

Susheera works on detecting taste and odor compounds that are often associated with harmful algal blooms that impact drinking water utilities and public health. Her research includes developing methods for detecting novel T&O compounds followed by treatability studies to understand the removal of these compounds.



SAINT LOUIS UNIVERSITY
—
PARKS COLLEGE OF ENGINEERING,
AVIATION AND TECHNOLOGY

