

# UWRL Faculty Members Recognized at College of Engineering Awards | Utah Water Research Laboratory

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Congratulations to several of our UWRL faculty members for their excellent work and dedication! The following were awarded at the 2016 College of Engineering Faculty Awards:



## 2016 Eldon J. Gardner Teacher of the Year Award: Dr. Blake Tullis.

Dr. Tullis is a professor in the Department of Civil and Environmental Engineering and the Utah Water Research Laboratory. His expertise includes all types of hydraulic/physical modeling, hydromachinery, valve testing, flow meter calibration, pump engineering and pump intakes, culvert design for environmentally sensitive installations, hydraulic resistance in channels/pipes with composite roughness, and erosion control. He has also become a recognized leader in the field of labyrinth weir spillway design.

## 2016 Graduate Student Mentor of the Year: Dr. Bethany Neilson.

Dr. Neilson is an associate professor in the Department of Civil and Environmental Engineering and the Utah Water

Research Laboratory. Her research expertise includes developing data collection strategies for quantifying solute and heat transport in streams and rivers; developing and testing surface water quality models based on detailed process data; determining the role of groundwater/surface water interactions in mass and heat transport in rivers and streams; data analysis and surface water quality modeling approaches for total maximum daily load (TMDL), wasteload allocation (WLA), and nutrient criteria development; and optimization procedures for parameter estimation in surface water quality models.

## 2016 Undergraduate Research Mentor of the Year: Dr. Ryan Dupont.

Dr. Dupont is a professor in the Department of Civil and Environmental Engineering and the Utah Water Research Laboratory. His research interests include bioremediation of petroleum and chlorinated solvent contaminated soil and groundwater. He has recently been heavily involved in the use of natural attenuation and bioaugmentation for site remediation and in the use of DNA probes for describing microbial community response to engineering management controls applied for site remediation. He also has interests and expertise in soil vapor extraction and soil gas monitoring, pollution prevention and life-cycle analysis, and municipal solid waste management issues.

[See more here.](#)