

FY19-20 DWRC Undergraduate/Graduate Water Research Students

Undergraduate Intern	Advisor	Major	Research Topic
Sicily Bordick	Anastasia Chirnside	Environmental Engineering	Optimization of HPLC Analysis of Ergosterol to Quantify Fungal Biomass within Solid State Bioreactors utilizing Varying Support Materials
Zach Burcham	Anastasia Chirnside	Environmental Engineering	Optimization of HPLC Analysis of Ergosterol to Quantify Fungal Biomass within Solid State Bioreactors utilizing Varying Support Materials
Ji Zhendong	James Pizzuto	Environmental Science	Discriminating between Mill Dam and Flood Deposits along the White Clay Creek
Justin Leary	Gerald Kauffman	Environmental Engineering	Characterization and Monitoring of Headwater Streams in the White Clay Creek Watershed
Savanah Love	Stephanie Stotts	Wesley College Environ. Science	Interactive art exhibit focused on salinification of wetlands
Aaron Nolan	Gerald Kauffman	Environmental Engineering	Coastal Flood Planning and Response for Transportation Infrastructure
Polly Ni	Andrew Homsey	Environmental Engineering	Brandywine Piedmont Watershed Stream Monitoring and Habitat Assessment
Luke Stirparo	Gerald Kauffman	Environmental Engineering	Effects of Road Salt and Winter Deicing Agents on Delaware Stream Systems
Michaela Dougherty	Martha Narvaez	Energy and Environ. Policy	Energy Water Nexus and Water Supply Withdrawals in Delaware Watersheds
Undergraduate Student	Gerald Kauffman	Public Policy	Economics and Cost Effectiveness of Watershed Restoration in Delaware Coastal Plain Streams
Matt Kirchman	Andrew Homsey	M.S. Energy and Environ. Policy	White Clay Creek Water Quality Modeling
Kelly Jacobs	Martha Narvaez	M.S. Energy and Environ. Policy	Economic Value of the Nanticoke River Watershed in Delaware and Maryland