

**DELAWARE WATER RESOURCES CENTER (DWRC) UNDERGRADUATE INTERNSHIP PROGRAM 2014-2015
PRESENTATIONS AT THE APRIL 17, 2015 UNDERGRADUATE RESEARCH SUMMER SCHOLARS POSTER SESSION**

Environmental Engineering major **Katelyn Csatari**

Advisor: Dr. Rodrigo Vargas, UD Department of Plant and Soil Sciences

Greenhouse Gas Emissions from Sediments in Floodplains of the Delaware Piedmont, Christina River Basin

Environmental Science major **Sandra Demberger**

Advisor: Dr. Luc Claessens, UD Department of Geography

Mushroom Farming and Its Effect on Nitrogen Loading in the Brandywine-Christina Watershed

Environmental Science major **Amanda Doremus**

Advisor: Dr. Carmine Balascio, UD Department of Plant and Soil Sciences

Water Quality Performance for Paired Bioretention Basins

Environmental Engineering major **Jessica Fedetz**

Advisor: Ms. Jennifer Volk, UD Department of Plant and Soil Sciences

Advisor: Ms. Marcia Fox, Delaware Dept. of Natural Resources and Environmental Control, Watershed Assessment Section

Quantifying Conservation Practices in the Chesapeake Bay Basin

Ecology and Marine Science double major **Amelia Harrison**

Advisor: Dr. K. Eric Wommack, UD Department of Plant and Soil Sciences

Fine-scale Temporal Dynamics of Estuarine Virioplankton and Bacterioplankton Populations

Mechanical Engineering major **Sarah Hartman**

Advisor: Dr. Steven Dentel, UD Department of Civil and Environmental Engineering

Enhanced Pollutant Biodegradation by Electrode Use

Environmental Science and Environmental Engineering double major **Erica Loudermilk**

Advisor: Dr. Angelia Seyfferth, UD Department of Plant and Soil Sciences

Understanding Greenhouse Gas Fluxes in Estuaries

Environmental Engineering major **Danielle Notvest**

Economics, and Environmental and Resource Economics double major **Radhika Samant**

Advisor: Dr. Gerald Kauffman, UD Water Resources Agency

Wetland Restoration and Mitigation Banking Along the Cool Run Watershed at the UD Farm

Environmental Engineering and Economics double major **Christophet Youngquist**

Advisor: Dr. Paul Imhoff, UD Department of Civil and Environmental Engineering

Integrating Biochar Amendments in Green Stormwater Management Systems for Enhanced Nutrient Treatment of Stormwater Runoff

Environmental Engineering major **Katja Burke**

Environmental Science major **Marc Latham**

Environmental Science major **Chloe Ng**

Advised by various members of the UD WATER project (Watershed Action Team for Ecological Restoration) with Dr. Gerald Kauffman taking the lead

Stormwater Modeling in the Fairfield Run Watershed in Newark, Delaware.