

Harmful Algal Blooms/Toxins: Arkansas Water Resource Center Funds Four Research Projects



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The Arkansas Water Resource Center (“AWRC”) announced on October 22nd in its publication *Water Currents* it will be funding four water research projects in 2020.

The projects to be funded will address harmful algal blooms (“HABs”) and toxins.

Water Currents describes the research projects as involving three faculty and one student. They are listed as:

- Allyn Dodd, Lyon College, Nonpoint Source Pollution and Water Quality under Increasing Pressure from Poultry Agriculture in the Eleven Point and Lower Black River Watersheds
- Mary Savin, University of Arkansas, Is Rice as Effective as Barley Straw or Hydrogen Peroxide in Inhibiting Cyanobacterial Blooms and Reducing Microcystin Concentrations?
- Audie Thompson, University of Arkansas, Mechanisms, Kinetics and Toxicity of Microcystin-LR Biodegradation by Free and Immobilized Enzymes
- Mahmood Jebur and Dr. Ranil Wickramasinghe, University of Arkansas, Integrated Electrocoagulation-Membrane Distillation-Crystallization for Treating Hydraulic Fracturing Produced Water

The research projects were chosen by the AWRC and its Technical Advisory Committee. The Committee is stated to include academia, government agencies, water utilities, and other water organizations.

Funding is generated through the 104B grant program. The grant program is stated to provide “initial seeds grants” for researchers to “begin accumulating data and developing larger research proposals.

The *Water Currents* article can be found [here](#).