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104(b) Base Grant/Arkansas Water Resources Center: Six Projects Announced for Funding

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The Arkansas Water Resources Center ("AWRC") announced in its June 28th Research Bulletin that six projects are to receive seed funding from its 104(b) base grant in 2024.

AWRC states that the projects will be conducted at four Arkansas institutions and train at least eight students.

The funding opportunities provided as part of the U.S. Geological Survey 104(b) Program is instituted by the Water Resources Act of 1984.

The selected projects for 2024 are stated to include:

- Evaluating combinations of cyanobacteria remediation solutions and their impact on zooplankton species, by Dr. Sarah Webb, Research Associate, Arkansas State University.
- A comparison of internal and external nutrient loading in Brewer Lake, Arkansas, by Dr. Halvor Halvorson, Assistant Professor, University of Central Arkansas.
- Occurrence, Fate, and Transport of Perfluoroalkyl and Polyfluoroalkyl Substances in the Northwest Arkansas Region, by Dr. Lei Guo, Assistant Professor, University of Arkansas Fayetteville.
- Development of diffusive gradients in thin-films passive sampling methodology for PFAS quantitation at trace concentrations, by Brianna Harris and Dr. Julian Fairey, Associate Professor, University of Arkansas Fayetteville.
- Effects of whole reservoir draining on nitrogen and phosphorus cycling in Lake Conway, Arkansas, by Dr. Shannon Speir, Assistant Professor, University of Arkansas Fayetteville.
- Why and When does Microcystin Exceed Recreational Guidelines at Lake Fayetteville?, by Dr. Brian Haggard, University of Arkansas Division of Agriculture.

AWRC notes its acknowledgement to the University of Arkansas College of Engineering for providing $10,000.00 toward its required one-to-one match.

A copy of the article discussing the selected projects can be downloaded here.