



**Mapping Water Stories  
East Central University  
Ada, Oklahoma  
Grades: 8-12  
Dates: June 5-9, 2023  
Apply: [www.ecok.edu/mws](http://www.ecok.edu/mws)**

East Central University (ECU) in Ada, Oklahoma is excited to offer **Mapping Water Stories**, a five-day 24-hour supervised residential summer academy for 35 Oklahoma students (grades 8-12), June 5-June 9, 2023. This summer academy provides hands-on learning opportunities about water from scientific, environmental, and other cultural perspectives. Students will visit local lakes and streams to collect water data and learn how to create a Geographic Information System (GIS) map in the ECU GIS computer lab. All meals will be provided. Gas cards will be provided for transportation expenses to/from ECU. For more information or to apply, visit the website: <https://www.ecok.edu/mws> or please contact Director Dr. A. Holly Jones at [ajones@ecok.edu](mailto:ajones@ecok.edu), (580) 559-5808, or Dr. Shirley Mixon at [smixon@ecok.edu](mailto:smixon@ecok.edu), (580) 559-5279.



**Director Dr. Holly Jones**

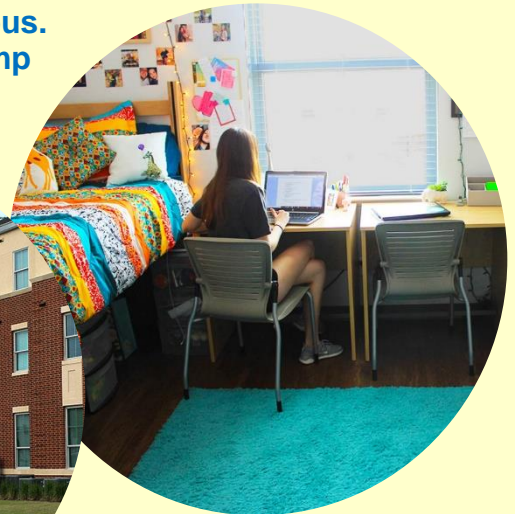


**Dr. Shirley Mixon**



**Students will be provided with t-shirts and water shoes. We hope you are comfortable in the water! We will also be walking quite a bit throughout the week.**

**Where you will stay: Chokka Chaffa Hall, ECU Campus. Double occupancy. Students will be monitored by camp staff and trained Residence Assistants 24/7.**



**Where you will eat: Taff Cafeteria, ECU Campus. This buffet style cafeteria offers options for everyone!**



*This fun and interdisciplinary STEM Academy will keep students busy and entertained all week. We will visit several bodies of water near Ada where students will collect water samples as well as their locations. They will make notes in Field Notebooks. We will collect all the data to assist students in telling their own Water Stories. We will bring water professionals from our partner organizations throughout the week to assist with our lessons and experiments.*

## Daily Schedule:

**Monday, June 5: Getting Started! Our partner to learn about Water Testing is Blue Thumb, a program of the Oklahoma Conservation Commission**



**Tuesday, June 6: Water in Art and Stories: Use water to make art with recycled glass and experience Chickasaw stories about water**



**Wednesday, June 7: Chickasaw Water Day. We go by bus to Sulphur to visit the Chickasaw Nation Cultural Center and the Chickasaw National Recreation Area. We will do a Bug Walk in the creek and practice our water testing skills. Bring your swimming suit and water shoes!**



**Thursday, June 8: EPA Day: We will go by bus to visit the US Environmental Protection Agency lab in Ada as well as Byrds Mill Spring, the source of Ada's water. We will also start using GIS to make our maps in an ECU computer lab.**



Friday, June 9: Oka Institute Day and Wrap Up. Scientists from ECU Oka Institute will lead a lesson on groundwater. We will finish our maps and hold our Award Ceremony!

