

H2O PROGRAM OVERVIEW



H2O LEADERSHIP INSTITUTE 2021

**MENTORSHIP • NETWORKING
ENVIRONMENTAL STEM FOCUS
CAREER/ACCESS • REGIONAL EXPOSURE
SKILL DEVELOPMENT**



ENVIRONMENTAL STEM

WHO ARE WE



Wendell Scales Jr.
VP 100 Black Men of
Greater LR



Akissi Hill
CEO of Ambitious Girls
Inc.



LT. Col. Will Phillips
Arkansas National
Guard



Jane Hurley
Education Outreach
Specialist
Central Arkansas Water



Vernard Henley
Assistant Dean
University of Arkansas at
Little Rock EIT

Program Outline: Environmental STEM Focus

Program Goal: Career/Access Regional Exposure, Skill Development

According to studies from the Arkansas Economic Development Commission, The STEM workforce is recession-proof. While many face cutbacks and layoffs in down economic cycles, STEM-skilled professionals remain in high demand. STEM professionals drive innovations that lead to new products, new companies, new jobs, and wealth creation.



EDUCATION IMPACT

H₂O PARTICIPANTS RANGE FROM
7TH AND 12TH GRADE FROM
SCHOOLS THROUGHOUT
CENTRAL ARKANSAS.



HORACE MANN ARTS AND SCIENCE
MAGNET MIDDLE SCHOOL



ScholarMade

ENVIRONMENTAL STEM IS..

BIO DIVERSITY MILITARY CAREERS
CITIZEN SCIENCE

WATERSHED MANAGEMENT
SOLAR ENERGY

COMMUNITY POLLINATORS
ECONOMIC DEVELOPMENT
ARKANSAS

15

H₂O

PARTICIPANTS



ARKANSAS EXPOSURE & STEM



HOST SITE PARTNER

ualr.edu

Key Sites:

DSC, EIT, JSC, COLEMAN CREEK, SSC



COMMUNITY PARTNER

carkw.com, lakemaumelle.com,
www.lrwra.com

Key Sites:

Wilson Water Plant

Maumelle River Field Station

LR Water Reclamation

Waste Water Treatment Plant

COMMUNITY PARTNER

arkansas.nationalguard.mil

Key Sites:

Camp Robinson

RMTC

Recycling Center

Solar Field

AASF

Pollination



**LITTLE ROCK
Water Reclamation
Authority**
ONE WATER.
ONE FUTURE.



ARKANSAS EXPOSURE & STEM



COMMUNITY PARTNER

arhub.org

Mary Stafford

Program Manager

The Arkansas Regional Innovation Hub

204 E. 4th Street

North Little Rock, AR 72114

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Peer Leader

Jordan Grice

Sophomore

UA-LR CLC Scholar

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PROGRAM OUTLINE



Covid Guidelines-Mask Inside Buildings

July 12, 2021 [Monday]

Day 1: Exploring STEM and Tools

Drop Off - 8-8:45* AT DCS for Breakfast

Introduction of Tools @ UA Little Rock 9

Introduction of Scenario

Short Distance Excursion: Wilson

UA Little Rock Excursion: Coleman Creek - water testing practice

Lunch and Learn (Interactive Panel) Outdoors w/Back Up place inside

Instructional Focus: Chemistry Class & Lab - Simply Chemistry

Probes for turbidity, pH, salinity, chlorine, etc.

4 PM PICK AT EIT

July 13, 2021 [Tuesday]

Drop Off - 8-8:45* AT DCS for Breakfast

Day 2: Land Management and Water Quality

Field Excursion - Land Management @ Maumelle River Field Station

Scenario Team Work; Chemistry Class & Lab- Review Collected water quality

4 PM PICK UP EIT



UA LITTLE ROCK

PROGRAM OUTLINE CONT.



**July 14, 2021 [Wednesday] -
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Day 3: Camp Robinson - Arkansas National Guard

Drop Off - 8-8:45* AT DCS for Breakfast

Themes: You Don't Have to Know What You Want to be at 15
What They See Is What They'll Be

Goals:

STEM Careers, Managing the Environment at a Military Base

Environmental Management: Protecting the Environment, Restoring the
Habitats and Balancing the Military Mission

Scenario Team Work

Nature Trails, Pollinator Areas, Arkansas Species/Native

Vegetation/Importance of Diversity in Plants and Forests & Everywhere

CxN – Networking with scholars, instructors, campus leaders,
community leaders and professions in the industry

Career Day & Discussions

Discussion topics for Breakfast/Networking

Discussion topics on the way to Camp Robinson

Discussion topics on the way back to UA Little Rock

4 PM PICK UP AT EIT



PROGRAM OUTLINE CONT.



July 15, 2021 [Thursday]

Drop Off - 8-8:45* AT DCS for Breakfast

Day 4: Little Rock Water Reclamation Authority

Chemistry Class & Lab

Academics - Skills to Launch with Innovation Hub and Admissions
barriers to entry

Understanding HS Student Success

Pick up at 4 PM at EIT



PROGRAM OUTLINE CONT.



July 16, 2021 [Friday]

Day 5: H2O Speed Mentoring Luncheon with
LGLR Class XXXV

UA-LR Jack Stephens Arena

Legends Room

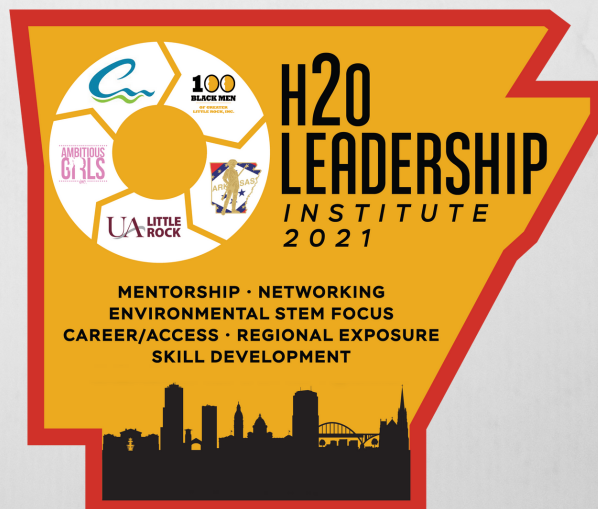
11:30 am - 1:00 pm

*Parents are invited

LEADERSHIP
GREATER LITTLE ROCK



LITTLE ROCK
Water Reclamation
Authority ONE WATER.
ONE FUTURE.



H2O CAMPUS ROAD MAP

CAMPUS MAP

LEGEND

- V Visitor Parking
- P Permit Parking
- R Gated Reserved Parking
- G Gated Permit Parking
- X Campus Dining / Market

CAMPUS BUILDINGS

- ADN Administration North
- ATH Athletic Field House
- BAFC Bailey Alumni & Friends Center
- BSU Metro Baptist Collegiate Ministry (BCM)
- CPA Center for Performing Arts & University Theatre
- DNST Dance Studio
- DKSN H. Tyndall Dickinson Hall
- DSC Donaghey Student Center
- ED Education Building
- EIT Donaghey College of Engineering & Information Technology
- ERSC Earth Science Building
- eSTEM eStem Charter High School
- ETAS Engineering Technology & Applied Science
- FA Fine Arts Building
- FH Fribourgh Hall
- JSC Jack Stephens Center
- KZ Kappa Sigma
- LIBR Ottenheimer Library
- LRNRC Children International
- NANO Center for Integrative Nanotechnology Sciences
- NURS Nursing Building
- PHYS Physics Building
- PP Facilities Management
- RBUS Reynolds Business Building
- RH Ross Hall
- SCLB Science Lab
- SH Stabler Hall
- SPCH Speech Communication
- SSC Student Services Center
- SUA Old Donaghey Student Union A
- SUB Old Donaghey Student Union B
- UC University Commons
- UP University Plaza
- US University Services
- WCAD Windgate Center of Art + Design
- WCTR University District
- WFSC Wesley Foundation
- WRES Greg L. Hatcher Wrestling Center

RESIDENCE HALLS

- NRH North Residence Hall
- SRH South Residence Hall
- RH1 East Residence Hall
- WRH West Residence Hall
- UV University Village

