



UACE Arizona Project WET Water Resources Research Center

Tucson Program - Education Specialist

675 Hours Reduced Half-Time Position: 21 Contractual Pay Periods/42 Weeks

\$4,928 Annual Living Allowance / \$234.67 per Contractual Pay Period (Before Taxes)

Term of Service: 09/09/2019 to 06/28/2020

OR

Minimum Time/300 Hour Position (19 Pay Periods/38 Weeks): \$2,652 Annual Living Allowance /

\$139.58 per Contractual Pay Period (Before Taxes)

Term of Service: 09/01/2019-05/22/2019

Overview of Position:

The AmeriCorps member will teach engaging lessons about water to 4th graders, middle and high school students in public schools throughout the Tucson area and facilitate field trips for students to Sweetwater Wetlands. This member will also collaborate with teachers around Tucson interested in installing rainwater harvesting systems to coordinate educational components, student efforts, and technical experts.

Under the direction of the Arizona Project WET (APW) Tucson Water Education Coordinator and Assistant Coordinator, qualified applicants will be trained to become part of a team of **Water Educators**. The primary purpose of the Water Educator is to deliver locally relevant water education programs in Tucson-area school schools. These programs include:

- Groundwater Flow Model presentations to 4th and 6th grade classrooms
- Sweetwater Wetlands Outdoor Water Festivals for 4th grade classrooms
- STEM education activities at public outreach and school STEM events

All necessary training is provided through Arizona Project WET. Candidates should have a strong interest in inquiry-based water education. Basic knowledge of educational principles and methods should be enhanced with creativity and flexibility. Strong communication skills are a must, along with the ability to translate technical information into age-appropriate presentations.

Program Location: Members meet at the Water Resources Research Center (350 N Campbell Ave) to carpool to schools around the city, or report to Sweetwater Wetlands for field trip days.

Member Duties & Responsibilities:

- Facilitate groundwater flow model presentations in fourth and middle school classrooms
- Present scripted, water-related lessons at Sweetwater Wetlands Water Festivals in an engaging, inquiry-based manner
- Facilitate middle-high school student learning in field trips to Sweetwater Wetlands using Discovery Program, USA Phenology Network, and guided tours
- Visit school sites and work with teachers interested in installing rainwater harvesting systems.
- Participate in Rainwater Harvesting installations alongside students and parents.
- Manage the logistics of Sweetwater Wetlands trips including timely set up and take down
- Set up, clean up, and help transport equipment for water presentations and events
- Communicate appropriately with classroom teachers, other adults and students
- Promote student discovery and engagement with STEM disciplines through hands-on, minds-on lessons

- Provide interactive engaging activities and information at public events
- Share a love of the outdoors and passion for conserving water with Tucson students.

Service Areas: Education, Children/Youth, Community Outreach; Environment, Water Conservation

Minimum Qualifications & Skill requirements

- Availability during school hours (7:30 AM – 1:00 PM) AT LEAST 3 MORNINGS (M-F).
- Excellent time manager
- Strong organization and communication skills
- Ability to work with a team
- Valid driver’s license and clean driving record
- Ability to commit to working through June 28, 2019
- Applicants must meet AmeriCorps eligibility requirements for age, citizenship, etc.

Preferred Qualifications

- Knowledge of rainwater harvesting practices.
- Experience in both formal and non-formal education programs for a variety of audiences
- Broad-based knowledge of water resources and water management in the state and/or a willingness to learn
- Strong personal commitment to the success of the program

Program Benefits:

- Member Living Allowance
- Segal Education Award upon successful completion
- Professional development training

Terms:

- The member will average between 16-18 hours per week (675 hrs. position) or 8-10 hour per week (300 hrs. position)
- Car required for travel to Sweetwater Wetlands and Tucson area schools. (mileage reimbursement provided)
- Must be available to work at minimum 3 mornings a week from 7:30 am – 1 pm.

For additional information regarding this AmeriCorps position, please contact:

Holly Thomas-Hilburn
 Arizona Project WET, Water Resources Research Center
 350 N Campbell Ave., Tucson, AZ
 (520)621-7477
 hhilburn@cals.arizona.edu

I have read the above AmeriCorps Position Description and understand my responsibilities.

Signature: _____ Date: _____

Print name: _____

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Jeffrey C. Silvertooth, Director, Economic Development and Cooperative Extension, Associate Dean, College of Agriculture & Life Sciences, The University of Arizona.

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