

## Interest Form

<b>Name:</b>
<b>School:</b>
<b>Grade level:</b>
<b>Contact Email:</b>
<b>Phone:</b>
<b>Address:</b>
<b>State/Zip:</b>
<b>Potential study question(s):</b>
<b>Subjects of interest:</b>
<b>Field area of interest:</b>
If known, please identify a teacher or science mentor who can help you:

Please return to:  
Martha P.L. Whitaker  
POB 210011, Tucson, AZ 85721-0011  
or fax 520-621-1422

*Arizona Rivers* is looking for students, teachers, citizen scientists, and student organizations that are interested in partnering with volunteer river monitors and local watershed experts to: **collect water quality data, investigate riparian ecology and habitats, monitor stream restoration**

## Contact Information

Martha P.L. Whitaker  
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University of Arizona  
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[www.azrivers.org](http://www.azrivers.org)

Funded by:



# AZ Rivers Needs Students



## ***Our Mission:***

to facilitate collaborations between teachers/students and scientists/watershed managers to promote long-term research and monitoring of riparian environments in Arizona.

**Students** – have you ever wanted to study the plants, animals, food webs or water chemistry of a local water body or riparian area? Have you developed a science fair project or class project focused on water quality or desert ecology? Are you interested in experiencing the life of a scientific researcher working on critical environmental issues? If so, this program is for you – please read more and send us your questions.

### **Opportunities for:**

#### **Students**

AZ Rivers wants to help students develop research projects that relate to riparian hydrologic or ecologic questions. We want to work with you year-around to develop these projects – large or small – by connecting you with local experts and sources of equipment or expertise.

#### **Teachers**

AZ Rivers wants to help teachers learn more about riparian hydro-ecology and support student-based research in the classroom. We host a series of summer teacher workshops and make small implementation grants (up to \$250) available for you and your students.

#### **Mentors**

AZ Rivers wants to connect mentors with teachers and students to promote local and authentic scientific inquiry. Contact us to learn how you can help.

### **What are riparian zones?**

Arizona's riparian corridors – the zone of enhanced biologic activity and productivity surrounding our desert streams – are a vanishing yet precious resource. If we are to preserve these for future generations to appreciate, we need to better understand the interactions between their plants and animals and encourage all of us to become better stewards of the land.

### **Summer Riparian Research Experience**

**for High School students  
June 15 – July 2, 2008**

**Dive into Arizona Rivers this Summer –**  
Interested in studying some of Arizona's last remaining wild rivers?

This 18-day field camp this summer, will give ten high school students the opportunity to apply riparian monitoring and restoration techniques to four river sites in Arizona. Students will receive seven days of field training and mentoring at Biosphere2, followed by eight days studying four different Arizona river sites and then returning to Biosphere 2 for two days to summarize the experience.

The goal of this summer's program is to develop field research skills and a greater appreciation for Arizona's precious water resources among students and their teachers.

RRE students will:

- Learn hydrologic and ecologic sampling skills
- Work shadow Biosphere 2 researchers
- Learn how to make rapid environmental assessments of riparian areas
- Travel around the state to help conduct riparian zone environmental assessments
- Visit unique desert, mountain and cultural sites along the way
- Work in small groups with like-minded peers and graduate student mentors

Students will be encouraged to develop a year-long, monitoring project after they have attended the RRE, tapping their new-found skills as field researchers and working with an extensive group of Arizona Rivers partners. Projects can be based on laboratory or field observations related to the ecology and/or hydrology of Arizona.

### **Application Procedure**

Download and fill out the application from our web site: [www.azrivers.org](http://www.azrivers.org)

Applications are due by May 30  
Registration Cost: \$400  
A few scholarships are available

Talk to your teacher or a local scientist about becoming your research mentor.

When you contact us, please be sure to tell us:

- Your school name,
- Your grade level,
- Research/study ideas or questions,
- Possible study area,
- Do you have a research mentor?