



**2018 Internship Program Description**



## Water Quality Intern

**Organization:** Henry's Fork Foundation

**Location:** Ashton, Idaho

**Job Type:** Internship (Summer 2018)

**Duration:** June 4 through August 10 (10 weeks)

**Job Summary:** The Henry's Fork Foundation (HFF) is currently accepting applications from undergraduate students interested in working in active grass-roots conservation with a nonprofit organization in the Greater Yellowstone Area. Selected intern will participate in all sectors of nonprofit work during the internship period but will primarily be assigned to assist a Ph.D. student with water-quality research.

**Organization Overview:** The Henry's Fork Foundation is a nonprofit organization that works to conserve, protect, and preserve the unique fisheries, wildlife, and aesthetics of the Henry's Fork Watershed. HFF uses a collaborative, science-based approach to achieve its mission and works closely with water users, hydroelectric power companies, government agencies, and other nonprofit groups.

**Project Description:**

*Primary project—Water Quality in the Henry's Fork and Island Park Reservoir*

The intern will work primarily under the supervision of Jack McLaren, a Ph.D. student who recently completed his master's thesis on water temperatures in the Henry's Fork and Island Park Reservoir and will be conducting his doctoral research on nutrient cycles and other aspects of water chemistry and physics in the reservoir and river. Tasks associated with this project include collection of water samples in the river and reservoir, conducting depth profiles of water-quality parameters in the reservoir, and preparing applications for funding to support water-quality research.

*Other tasks, performed with other interns and staff from HFF or FTR, could include:*

- 1. Fish Ladder Monitoring:** Interns will work to monitor fish moving upstream through the Buffalo fish ladder during the month of June. Interns will work alongside HFF in trapping fish, identifying all fish to species, checking for PIT tags, and recording fish length. Interns will also monitor and maintain the Chester fish ladder from June through August.
- 2. Water Quality and Streamflow Monitoring:** Throughout the summer interns will collect water samples and assist with installation and maintenance of automated water-quality monitoring instruments. Interns may also assist HFF and FTR staff with streamflow measurement.
- 3. Outreach/Education:** All interns will contribute to the HFF internship blog where they will provide a weekly update on their work to our membership. Interns are also highly encouraged to participate in various outreach events with HFF members, fly-fishing outfitters and guides, and other river stakeholders throughout the summer.
- 4. Henry's Fork Days:** Interns will work alongside HFF staff to help prepare for and participate in HFF's largest summer fundraising event, which is scheduled for June 15-16. **This event is mandatory.**

**Qualifications:** We are seeking motivated students who are interested in learning about watershed conservation from the perspective of nonprofit organizations. Students should have an interest/focus in the natural or environmental sciences and the outdoors, have good communication skills, be able to work both independently and with others, be physically able to work outside and on the river, and be flexible to work on an array of various projects. Students must also be able to swim and have a valid driver's license.

**Logistics:** The selected intern will receive a 10-week stipend directly from Washington and Lee University, through the A. Paul Knight Scholarship. The intern is responsible for travel to and from eastern Idaho. The Knight Scholarship program will provide housing that is shared with Knight Scholars working for other nonprofit organizations in the Henry's Fork watershed. The housing is located 33 miles from HFF's office in Ashton. HFF will also provide company vehicles for work-related travel, but the intern is responsible for local transportation during off-work hours and for commuting between the provided housing and the HFF office.

**Our Commitment to Diversity and Inclusion:** The Henry's Fork Foundation values a diverse workforce of people from all backgrounds and is committed to increasing the number of traditionally underrepresented groups in the environmental and natural-resources professions. Our internship program provides a unique opportunity for students from around the country to bring a diversity of ideas and experiences to our small community and to each other, thereby enriching the experience and effectiveness of the entire HFF team. We are committed to respecting this diversity of ideas and backgrounds. We strongly encourage applications from members of underrepresented groups in the natural-resource professions, including women and minorities.

*For more information on this internship, contact Dr. Rob Van Kirk at [rob@henrysfork.org](mailto:rob@henrysfork.org)*

*To learn more about the HFF and the work we do, please explore the following links.*

Henry's Fork Foundation website: [henrysfork.org](http://henrysfork.org) and HFF Blog: <http://henrysfork.org/blog>

