



### 2017 Internship Program Description

**Job Title:** 2017 Henry's Fork Foundation Summer Intern

**Job Type:** Internship (Summer 2017)

**Term:** Summer 2017  
**Start Date:** May 15  
**End Date:** July 21  
**Duration:** 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 non-profit organization in the Greater Yellowstone Area. Selected intern will participate in a variety of sectors of non-profit work during the internship period, but will primarily focus on the development of a user-friendly mobile app to display relevant information about the Henry's Fork of the Snake River.

**Organization Overview:** The Henry's Fork Foundation is a non-profit organization that works to conserve, protect, and preserve the unique fisheries, wildlife, and aesthetics of the Henry's Fork Watershed.

**Project Description:** Projects for the 2017 summer season are listed below:

*Primary Projects:*

- 1. Mobile App Development:** Intern will design a smartphone app for Android that will allow users to view information about river conditions (stream flow, water quality parameters, temperature, etc.), HFF reports, blogs, and event notices. Intern will also research the possibility of adding donation and event RSVP capabilities.

2. **Henry's Fork Days:** Intern will work alongside HFF staff and other interns to help prepare for and participate in HFF's largest summer fundraising event, which is scheduled for June 16-17. Intern must be available for this event.

*Potential secondary projects, schedule dependent:*

3. **Water Quality Network and Website:** Intern will have the opportunity to assist the Environmental Modeling Intern with a project to automate real-time transmission, processing, and online archiving of streamflow and water-quality data from HFF's instrument network. This includes developing the web-based interface that will import and display the data.
4. **Economic Value Survey:** The study aims to determine the economic value of angling and boating in the Upper Snake River basin. Intern might assist the Conservation Technician in the implementation of Creel and Economic Values Surveys at various stream reaches throughout the Henry's Fork. Survey sampling dates are random and can occur on weekends or holidays.
5. **Outreach/Education:** HFF has a youth education program that works to connect youth to their local watershed. Intern will periodically assist with youth programs like "Trout in the Classroom" and "Youth on the Fly". In addition, all interns will contribute to the HFF internship blog, where they will provide a weekly update on their work to our membership.

**Qualifications:** Seeking a motivated student with strong computer science and web and app development skills who is interested in learning about watershed conservation from a non-profit organization perspective. Students majoring in mathematics, engineering, and computer science are encouraged to apply. Applicants should also have good communication skills, be able to work well alongside others, be flexible to work on an array of various projects, be able to swim, and have a valid driver's license.

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

Henry's Fork Foundation website: [henrysfork.org](http://henrysfork.org)

Henry's Fork Foundation 2015 Internship Blogs: [henrysfork.org/become-intern](http://henrysfork.org/become-intern)

Henry's Fork Foundation YouTube: [www.youtube.com/user/Hffoundation](http://www.youtube.com/user/Hffoundation)

Henry's Fork Foundation Facebook: [facebook.com/HenrysFork](https://facebook.com/HenrysFork)