

# Henry's Fork Foundation Internship Opportunities

Henry's Fork Foundation is now accepting applications for the **2020 Summer Season**. Help us **Conserve, Protect, and Restore** the unique **Fisheries, Wildlife, and Water Resources** of the Henry's Fork and South Fork Snake River Watersheds!



**Dates:**  
**Jun 15<sup>th</sup> – Aug 21<sup>st</sup>**

**Location:**  
**Ashton, ID**



Application

Deadline:  
2/4/2020

Housing Provided

Paid Internship

## Available Internships

Conservation and Communications Intern

Stream Channel Habitat and Hydrology Intern

South Fork Social Science Intern

Learn about watershed management and conservation from the perspective of a non-profit organization

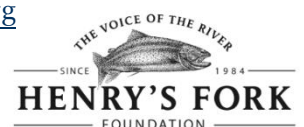
Find info about how to apply at [Henrysfork.org/become-intern](http://Henrysfork.org/become-intern) or scan here! →



Questions? Contact Kamberlee Allison

Email: [kamberlee@henrysfork.org](mailto:kamberlee@henrysfork.org)

Phone: (208) 652-3567



**These internships are only available to students currently attending Stanford University.**

**When completing your application, please indicate your first and second choice of internships. You can apply for this internship by submitting a statement of interest, resume, and academic transcript to Stephanie Burbank [sburbank@stanford.edu](mailto:sburbank@stanford.edu) at the Bill Lane Center for the American West. Application deadline is February 4, 2020.**

**Organization:** Henry's Fork Foundation

### **Organization Overview**

The Henry's Fork Foundation is a nonprofit organization that works to conserve, protect, and restore the unique fisheries, wildlife, and water resources 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.

### **Minimum Qualifications for All Intern Applicants**

- Interest in watershed management and conservation from the perspective of a non-profit organization
- Basic background in environmental science or related fields
- Good written and oral communication skills
- Ability to work independently on some tasks and as a member of team on others
- Good time management skills
- Flexibility in work assignments
- Ability to share living space with four other interns
- Valid driver's license
- Ability to swim and work comfortably outdoors in and around water in a variety of weather

## **1. Conservation and Communications Intern**

### **Mentor**

Jamie Laatsch [jamie@henrysfork.org](mailto:jamie@henrysfork.org)

Jamie holds a M.S. in Human Dimensions of Ecosystem Science and Management from Utah State University and has worked for HFF since July of 2015 in a variety of roles ranging from youth education and restoration to social science research and communications. In 2018, she became HFF's Communications Manager and is responsible for all external communications across multiple platforms including social media, newsletters, press releases, blogs, videos, and face-to-face interactions.

### **Description**

To facilitate informed discussion and decision-making among all watershed stakeholders, HFF is currently expanding its outreach and communications programs. The conservation and communications intern will play an important role in this expansion by producing high-quality

photographs illustrating the scenic features of the watershed, people working and recreating there, and HFF's scientific and stewardship work. Outdoor photography work will include early-morning and late-evening hours to take advantage of natural light and to photograph river users as they begin and end their day at access points. The intern may also assist with the design of content for social media and newsletters, and the creation and facilitation of exhibits for the Henry's Fork Country Interpretive Center. The intern will work closely with Jamie Laatsch, HFF's Communications Manager, but will also need to work independently on a variety of projects.

In addition to creating a catalog of high quality images of the river, fly fishing, field work, community and events for use in HFF's communications and media, the intern will interview staff and conduct a literature review to compile a history of past projects where HFF was the primary project partner and present full history at summer seminar series. If time allows, photograph/catalog/monitor status of past projects and create a report summarizing project status. Work distribution: 40% field, 60% office.

### **Independent Project**

Long-term project monitoring: Officially monitor a sample of projects completed in past years by HFF as the primary project partner. Build a monitoring report template for different types of projects, conduct a literature review and interviews to fill in the template and decide, with HFF staff, which projects are in most need of monitoring in 2020-2021. If time allows, travel to and monitor past projects with a narrative, photos, and other measurements as necessary, and write a report based on initial project write up so staff can determine if additional action needs to be taken based on monitoring.

### **Additional Qualifications**

- Technical proficiency in photography
- Artistic ability in visual and graphic media

### **Preferred but not Required Qualifications**

- Ability to drive manual transmission

### **Additional Work Expectations**

- Intern will be expected to manage their own time and schedule effectively as they will be given a good deal of flexibility and autonomy.

## ***2. Stream Channel Habitat and Hydrology Intern***

### **Mentor**

Christina Morrisett, [christina.morrisett@aggiemail.usu.edu](mailto:christina.morrisett@aggiemail.usu.edu)

Christina first came to HFF as an undergraduate intern in the summer of 2015 and spent the subsequent year as a research assistant in HFF's Science and Technology program. After earning an M.S. in Aquatic and Fishery Sciences at the University of Washington, she returned to the

Henry's Fork in 2018 as a Doctoral Research Associate at HFF and Ph.D. student in Watershed Sciences at Utah State University. She is studying hydrology, water management, and climate adaptation, with geographic emphasis on the lower Henry's Fork.

## **Description**

The intern will assist Christina with her Ph.D. project, researching how aquatic habitat in the lower Henry's Fork changes with streamflow. After initial training for use of specialized equipment, the intern will work on a 3-person field crew to collect streamflow and aquatic habitat metrics at multiple sites along 6 miles of river. The intern will spend 15-20 days in the field (6-8 hrs), either floating sections of river via drift boat/raft or hiking in (<1 mi) and wading. Float days are partially dictated by volunteer rower availability and may require occasional weekend work. Work distribution: 70% field, 30% office.

## **Independent Project**

In order to put site measurements for a given stream channel type into context, the intern will lead a field survey (5-7 days) to categorize sections of river by geomorphologic unity (riffles, pools, cut bank, etc.). Expected deliverables include (1) map of river with location and extent of each type and (2) quantification of river surface area by type.

## **Additional Qualifications**

- Coursework or practical experience with Geographic Information Systems (GIS)
- Basic knowledge of statistics and stream geomorphology, or willingness to learn

## **Additional Work Expectations**

- Intern may also assist with irrigation canal measurements, per agreement with the owner of the specialized equipment we use.

## **3. South Fork Social Science Intern**

### **Mentor**

Bryce Oldemeyer, [bryce@henrysfork.org](mailto:bryce@henrysfork.org)

Bryce holds a M.S. in Fisheries from University of Idaho and joined the HFF team in August of 2016 as a Research Associate, assigned to a variety of fisheries and water-quality work. In 2018, he became manager of HFF's South Fork Initiative, a program designed to expand HFF's brand of science-based collaboration to improve management of fisheries and aquatic resources on the South Fork Snake River. In that role, Bryce performs all aspects of non-profit conservation, including fundraising, stakeholder outreach, education, and scientific research and monitoring.

### **Description**

Although HFF has traditionally worked only on the Henry's Fork (also known as the North Fork Snake River), we have recently established a South Fork Initiative because of the close relationship between fishing experience and water management on the two forks. The South Fork Social Science Intern (South Fork Intern) will work primarily on the South Fork Snake River to

explore the demographic and social aspects of South Fork Snake River recreational users. Ultimately, this research will help guide future South Fork Initiative communication, outreach, and education efforts. Work distribution: 60% field, 40% office.

### **Independent project**

For the first part of the summer, the intern will conduct formal surveys of recreational users at access sites along the South Fork. During the survey period, applicants will spend 4-5 days per week interviewing river users at South Fork access sites. Once sufficient data have been collected, the intern will analyze the survey data and develop communication, outreach, and educational strategies to more effectively reach South Fork river user groups. A formal report would be desirable but will not be required. General summary statistics of the survey results (including graphs and figures) and basic quantitative analysis will be expected for the final seminar presentation.

### **Additional Qualifications**

- Ability to approach and interact with recreational users in the river
- Basic knowledge of social science and statistics

### **Preferred but not Required Qualifications**

- Ability to drive manual transmission
- Any experience or knowledge about angling

### **Additional Work Expectations**

- The applicant will need to be able to work efficiently and independently without constant supervision

## ***What to Expect During the Internship***

### **The Watershed**

The 3,200-square mile Henry's Fork watershed lies at the headwaters of the Snake River in eastern Idaho and western Wyoming. The Continental Divide, Yellowstone Plateau, and Teton Range form the watershed's northern and eastern boundaries. Elevations range from 4,300 feet above sea level at the bottom of the watershed to over 10,000 feet along the Teton crest. Irrigated farms of potatoes, grains, and hay dominate land use in the lower half of the watershed. At higher elevations, National Forest and other public lands provide outstanding outdoor recreation, including hiking, climbing, camping, fishing, hunting, cycling, and snow sports. The watershed is very rural, with a total population of around 70,000 people. Agriculture and tourism are the largest economic sectors; HFF's work seeks to maintain a balance between water use for agriculture and streamflow to support world-class fishing and related ecological resources.

### **Living Arrangements**

All interns from out of the Henry's Fork area will live in a shared dorm space at HFF's campus in Ashton, a farming community of 1,000 people. The campus is housed in Ashton's old community hospital, which was completely refurbished in 2017 to house HFF's offices,

laboratory, interpretive center, and intern/graduate student housing. The dorm space consists of two bunk rooms, two large bathroom/shower facilities, a large open kitchen, laundry facilities, and a living room. Housing, including linens and all kitchen implements, is provided by HFF, but interns are responsible for their own meals.

Other than businesses oriented primarily toward tourism and agriculture (auto parts and repair, hardware, etc.), services in Ashton are limited to a small health clinic and pharmacy, one grocery store, a dollar store, and five small eating establishments (Mexican, three traditional American diners/drive-ins, and a pizza/sandwich shop). The grocery store is well stocked for a small town but does not carry much in the way of organic and natural foods and is difficult to access from HFF's campus because of a busy highway crossing with no stoplight or pedestrian facilities. The nearest large supermarkets, Walmart, drug stores, and other business are located in Rexburg, about 25 miles southwest of Ashton. There are a few restaurants with broader menu options located in the tourist area of Island Park, 20-30 miles north of Ashton. The closest natural-food stores and restaurants, "finer" dining establishments, and "night life" (e.g., weekly outdoor concerts) are located in Teton Valley, 40-50 miles southeast of Ashton. The closest regional airport is located in Idaho Falls 53 miles southwest of Ashton. The closest international airport is located in Salt Lake City (SLC) 220 miles south of Ashton. The Salt Lake Express shuttle runs from the airport Salt Lake City International Airport to Rexburg several times a day, but should be booked in advance.

The west entrance to Yellowstone National Park is a one-hour drive from Ashton, and Jackson, Wyoming is about a 90-minute drive. The best climbing and hiking opportunities are 45-60 minutes from Ashton, although outstanding fly fishing can be found 5 minutes away from the campus. An out-of-state fishing license costs \$98. Some of HFF's boats and rafts are available for intern recreational use after hours and on weekends, when not being used for HFF's field work. HFF provides company vehicles for work but does not provide vehicles for interns to use on their personal time. Although not required, a personal vehicle is strongly recommended to allow full enjoyment of the area's recreational opportunities. Interns without vehicles must rely on those with vehicles for transportation to and from shopping and activities.

## **The Work Schedule**

**HFF is committed to supporting a diverse and inclusive workplace and to promoting careers in the environmental and natural-resource sciences among groups underrepresented in these professions.** Thus, we will make every effort to adjust assignments to accommodate strong applicants who may initially be uncomfortable with the work requirements described below. However, these adjustments are much easier to make during the recruiting process rather than after interns arrive for the summer, which is why we request that applicants contact us with questions before applying.

Interns are expected to work 40 hours per week, on average. Work weeks start with mandatory staff meeting at 9:00 a.m. on Monday. The other mandatory weekly event for interns is seminar, held from 4:00-5:00 p.m. on Tuesday afternoons. For the first two-three weeks of the internship, expect to work more than 40 hours, including some evenings and weekends. These weeks will be filled with orientation and training events—including CPR and first aid for those not currently certified—and with Henry's Fork Days, a week of HFF's most important outreach and

fundraising events. During that week, June 15-20, all interns will be expected to assist the fundraising and event team with no fewer than three events, including a donor reception, HFF's annual fisherman's breakfast and membership meeting, and a fundraising dinner and auction on Saturday the 20<sup>th</sup> attended by 600 of HFF's most dedicated supporters. Work days during these first few weeks of the internship can begin as early as 6:30 a.m. and end as late as 10:30 p.m. Interns will be given extra time off around July 4 to compensate for the additional work time. Other than June 20<sup>th</sup>, weekend work will be rare, but it may be necessary to staff the interpretive center and accommodate availability of volunteers and shared equipment, vehicles, or lab space.

After the business of the first few weeks (and it is equally busy for staff), interns will settle into a weekly routine of field, laboratory, and office work, with individual schedules dependent on the particular internship position. All internships will require field work, which can vary between 25% and 80% of the intern's work hours. All field work will require driving to/from field sites, usually 20-45 miles one way. Some field work will be done in teams with the intern's mentor and possibly other interns, staff or volunteers, while other tasks will require the intern to work alone in remote, rural settings. **If you think you will not be comfortable working alone, please request more information about the particular internship(s) of interest to you before you apply.**

Depending on the internship position, field work could include conducting experiments in farm fields, measuring various ecological and physical parameters in the river, and maintaining fences to keep livestock away from streambanks. Field and laboratory work will include use of expensive high-technology equipment as well as boats, rafts, and other standard outdoor equipment and clothing. Field work will be done in all types of weather, aside from lightning and severe thunderstorms. In June, temperatures can be below freezing, and snow is possible at high elevations. During the rest of the summer, temperatures range from 40 degrees to 90 degrees, sometimes spanning that range in a single day. Expect wind, low humidity, and bright sun, all of which add to the physical stress of working at high elevations, especially for those not accustomed to the climate and altitude of the arid western U.S. At the same time, afternoon thunderstorms are possible on any given day, usually producing some combination of strong winds, heavy rain, hail, dangerous lightning, and sudden temperature drops of up to 40 degrees. Orientation and training will cover procedures for conduct under these conditions. **If you have questions about field work and physical requirements of a particular internship, please request more information before you apply.**

### ***Tasks Common to All Internships***

Assist with fundraising and member events, education, outreach and other projects as needed, including water quality monitoring, field work in hydrology and stream ecology, maintaining fish passage facilities, installing/maintaining livestock fences, and staffing HFF's interpretive center. Occasional evening and weekend work will be required on these tasks. All interns are required to attend HFF's weekly summer seminar series and are required to give a 15-minute seminar presentation on their independent project at the end of the summer. All interns will contribute to the HFF intern blog where they will provide a weekly update on their work to our membership.