



**2019 Internship Program Description**

## **Watershed Conservation Intern**

**Organization:** Henry's Fork Foundation

**Location:** Ashton, Idaho

**Job Type:** Paid internship, funded by the family of the late Don C. Byers

**Duration:** July 25, 2019 through October 16, 2019. Work days and times will be flexible to accommodate students who will be attending classes during the internship period.

**NOTE:** This internship is open **only to students who currently attend or have graduate from one of the high schools in the Henry's Fork watershed** (Madison, Sugar-Salem, South Fremont, North Fremont, Teton). Please see details on qualifications below.

**Job Summary:** Don Byers was Chairman of the Henry's Fork Foundation (HFF) in 1994-1995, before passing away from cancer in early 1996. In his memory, his family established the Don C. Byers internship to fund a high school or college student from the Henry's Fork Watershed to work with HFF. The selected intern will participate in all sectors of HFF's work but will primarily work in the field in HFF's science and technology program.

**Organization Overview:** The Henry's Fork Foundation is a non-profit organization that works to conserve, protect, and preserve 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.

**Project Description:** To support HFF's science-based approach to conservation, the organization's science and technology program conducts a wide variety of research and monitoring projects. For 2019, these projects include aquatic ecology and limnology of the upper Henry's Fork/Island Park Reservoir

system, groundwater-surface water interactions on the lower Henry's Fork, recreational use of the upper Henry's Fork (Mack's Inn reach), effectiveness of irrigation efficiency improvements, and monitoring of water quality throughout the watershed. In addition, HFF conducts routine maintenance and monitoring of livestock fencing along the river and fish passage facilities. The Byers intern will contribute to each of these projects, with emphasis on recreational use, water quality monitoring, and livestock fencing.

This internship will provide a unique opportunity for the student to work closely with HFF's science and technology team, led by Dr. Rob Van Kirk. Dr. Van Kirk has over 20 years of experience in research and management of fisheries and water resources on the Henry's Fork and throughout the Intermountain West. In addition to his position as HFF's Senior Scientist, Dr. Van Kirk is Professor Emeritus of Mathematics and Statistics at Humboldt State University. The intern will receive direct supervision and training in field work from other HFF staff including Kamberlee Allison, the 2018 Byers intern, who now works full time for HFF. Close interaction with HFF science staff will allow the intern to learn about the role of nonprofit organizations in conducting high-level science and monitoring that is used to inform management and conservation of aquatic resources.

Specific activities and projects include, but are not limited to:

- 1. Livestock fencing:** Monitor and maintain fences designed to keep cattle away from the river bank at Last Chance and downstream of Harriman State Park. Move cattle away from river if necessary, and communicate with relevant agencies and grazing permittees.
- 2. Water Quality Sampling:** Collect and process water samples from the Henry's Fork River.
- 3. Recreational use survey:** Count and interview river users on the upper Henry's Fork (Mack's Inn area).
- 4. Aquatic Ecology:** Assist with collection, processing, and analysis of water-quality and ecological data in the upper Henry's Fork, other comparison stream reaches, and Island Park Reservoir.
- 5. Lower Henry's Fork Project:** Assist with monitoring of stream and groundwater levels, stream channel surveys, and wetland plant inventories.
- 6. Summer Seminar Series:** Participate in HFF's weekly summer seminar series, at which HFF staff, invited guests, and the interns themselves present a variety of information relevant to HFF's conservation work. All interns are required to attend seminar, ask questions of speakers, and give a 20-minute presentation on their own work with HFF.
- 7. Outreach/ Education:** Assist in preparation of outreach products, including presentations, blogs, and social-media posts. Assist, as needed, with our youth fly-fishing program "Youth on the Fly."
- 8. Additional Field Work:** This work could include monitoring agricultural fields enrolled in HFF's irrigation reduction program, assisting with an experiment of effectiveness of irrigation efficiency improvements, measuring streamflow, and maintaining the fish ladder at Chester Dam.

**Qualifications:** We are seeking a motivated high school or college student or recent graduate with interest and coursework/experience in at least one of the following areas: agriculture (including livestock management), irrigation, ecology, and biology. Applicants must be able to work safely

outdoors in and near water, be able to swim, and have a valid driver's license. The successful applicant will also need to have good communication skills, be comfortable working independently and with others, have good time management skills, be physically able to work outside and on the river, and be flexible with assignments.

The Byers family has specified that this internship is open only to students who currently attend or have graduated from one of the high schools in the watershed (Madison, Sugar-Salem, South Fremont, North Fremont, Teton).

**Logistics:** The selected intern will receive a 12-week stipend of \$4,300, funded by the Byers family endowment and paid by HFF on its regular twice-monthly payroll schedule. The intern is responsible for commuting to and from HFF's campus in Ashton. HFF will provide company vehicles for work-related travel and all necessary work equipment, including waders. Specific work days and times will be flexible to accommodate students who will be attending classes during the internship period.

**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 under-represented 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.

***To apply for this internship, send a cover letter, resume, and a copy of your academic transcript to Kamberlee Allison at [kamberleeallison@gmail.com](mailto:kamberleeallison@gmail.com). Application deadline is March 9, 2019.***

***You can also contact Ms. Allison for more information about the internship.***

***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>

