



## THE HUTTON JUNIOR FISHERIES BIOLOGY PROGRAM 2018 MENTOR APPLICATION Application Deadline: February 28, 2018

The principal goal of the Hutton Program is to stimulate interest in pursuing fisheries science and aquatic resources management careers among high school students from groups underrepresented in the fisheries professions, including minorities and women. Application to the program is open to **all** current 11<sup>th</sup> and 12<sup>th</sup> grade high school students regardless of race, creed, or gender. Because the principal goal of the program is to increase diversity within the fisheries professions, preference will be given to qualified women and minority applicants.

- Mentor applicants are strongly encouraged to apply as soon as possible and to recruit students during the fall of 2017 and winter of 2017, by visiting classes and communicating with science teachers and guidance counselors in local high schools. Recruitment materials are available on the Hutton Program website. Completed applications can be emailed to [hutton@fisheries.org](mailto:hutton@fisheries.org) or faxed to (301) 897-8096.
- Guidance on creating an appropriate project for a high school student and sample project descriptions from previous mentors can be provided upon request. Please contact Mohammed Hossain, Educational Program Coordinator at [mhossain@fisheries.org](mailto:mhossain@fisheries.org) with any questions.
- Student and mentor application deadlines are the same – postmarked by **February 28th, 2018**– and both applications are available at the Hutton Program website, <http://hutton.fisheries.org/>
- Please contact Mohammed Hossain, Educational Program Coordinator at (301) 897-8616 ext. 204 or [mhossain@fisheries.org](mailto:mhossain@fisheries.org) with any questions. All applicants will be notified by April, 2017 regarding their acceptance status.

### I. Contact and General Information

Name: \_\_\_\_\_  
(Last) (First) (MI) (Nickname)

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ T-shirt Size: \_\_\_\_\_

Is this where you will work with your student? If not, please specify: \_\_\_\_\_  
(Please note that mentors should recruit students locally from the summer project location.)

AFS Member: ☐ Yes ☐ No

Do you wish to mentor: ☐ One student ☐ Two students ☐ Either ☐ More \_\_\_\_\_  
(if part of a mentor team, select total number of students for the team.)

If you plan to co-mentor, please write the name of planned co-mentor(s) here: \_\_\_\_\_  
(Please Note: Each co-mentor must submit a separate resume or CV and first page of this application.)

Promotional resources can be downloaded on the program's website. It can also be provided to aid in recruiting. Please indicate if you would like to receive recruitment materials. Yes: \_\_\_\_\_ No: \_\_\_\_\_

If you have already recruited, or plan to recruit a particular student(s), please print the name(s) here: \_\_\_\_\_  
(Please Note: Recruiting a student does not guarantee the acceptance of the mentor or the student into the program. It also does not guarantee that a mentor will be matched with that particular student.)

## II. Mentor Project Description

Please include or attach here your project description for the summer. A project summary or grant proposal may be used as a project description. However, the following must be included with all project descriptions:

- The student's work assignment within the project
- Amount and difficulty of fieldwork involved
- Any special equipment that the student will need to obtain, such as hiking boots, day pack, rain gear, etc.

**Please do not include a specific student's name within your project description, as there is no guarantee you will be matched with a student you recruit.**

The Hutton Scholar would assist local aquatics staff to develop stream restoration projects in addition to survey streams for fish distribution and abundance throughout the Rogue River and Umpqua River Basins. Specifically, the Hutton Scholar would assist an assortment of fisheries biologists and hydrologists as they develop stream, riparian, and watershed restoration project proposals and site designs. Primarily, but not exclusively, the Scholar would be working in stream systems which are in degraded conditions due to historic and poor land management, but are still home to two federally threatened Evolutionarily Significant Units of Coho Salmon and other anadromous and resident fishes. The restoration work would be done in cooperation between the Bureau of Land Management and its partners consisting of several watershed councils and other state and federal management agencies. The fish distribution and abundance surveys would be to better document fish presence throughout the region so as to better inform management decisions. Finally, the Scholar would assist a hydrologist or perform independent water quality monitoring throughout the region. Potential monitoring could include stream temperature, pH, conductivity, turbidity, and/or riparian canopy cover.

Please indicate the setting in which your project will take place:

Freshwater

☐ Marine

☐ Combination of freshwater and marine

### **III. Mentor Résumé/CV**

Please include or attach here an up-to-date résumé or CV.