**Salmonid Conservation Hatchery Project**

**Monterey Bay Salmon & Trout Project**

**Supervisor/Sponsor:** Monterey Bay Salmon & Trout Project: Seth Bowman / Mat Rowley

**Supervisor/Sponsor title:** Fish Culturist - Intern Coordinator / Chair of Board

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- 12-15hrs per week required per intern (minimum)
- # of interns needed per quarter:  1 Fall  1-2 Winter  1-2 Spring  1 Summer

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**Describe the internship assignment:** The Monterey Bay Salmon and Trout Project is a donor-supported, non-profit organization that operates a salmonid recovery hatchery located just north of Davenport in the Scott Creek watershed. The project goals are to help preserve and rebuild local populations of endangered coho salmon and winter steelhead in Santa Cruz/San Mateo coastal watersheds. MBSTP aids in salmonid recovery efforts with CDFW and NOAA/NMFS Fisheries Ecology Division’s Salmon Ecology research team. General duties include assisting hatchery staff with completing daily and seasonal activities at the hatchery, including but not limited to: feeding fish, cleaning fish rearing units, facility maintenance, monitoring water conveyance systems, and occasionally performing above activities in hatchery manager/fish culturist absence. Tasks also include working with NOAA Fisheries personnel conducting research at hatchery, marking hatchery fish for post-release identification, using ultrasound to assess adult fish for reproductive readiness. In addition, intern may attend meetings related to hatchery operations and procedures and learn about administrative processes associated with managing local salmon populations. Special projects involving data management & analysis, other research projects, public relations, and non-profit management may be available upon request. Intern responsibilities vary depending on quarter. **Fall quarter internship would involve transportation and disc tagging of adult coho broodstock.**  
**Winter quarter internships are focused on spawning adult salmonids, egg incubation, management of pre-smolting yearlings for later release, and assistance with cleaning and maintenance of water conveyance systems.**  
**Spring quarter focuses on tagging and release of smolts into local watersheds, and care of emergent fry.**  
**Summer quarter duties include fingerling care and growth monitoring along with facility maintenance.**

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**Prerequisites:** Outline the skills and background information necessary to participate in this internship.

- Interns would need a car to reach the hatchery (~16 miles from campus) and be willing to go to the hatchery 2-3 times per week in 2-6 hour (sometimes longer) blocks, preferably during weekdays, but occasionally on weekends or holidays
- In addition, after orientation and training is satisfactorily completed, interns may be required to perform tasks unsupervised in a remote setting.
- Field work will involve manual labor and lifting up to 50 pounds. Most of the work is outdoors and requires frequent exposure to cold water, and adverse weather conditions (work must be done rain or shine)