

Environmental
Science Center's
2011-2012
Senior Culminating
Project Mentor List



Please contact programs@envsciencecenter.org, call 206-248-4266 for more information, or visit www.EnvScienceCenter.org for a student application.

Student applications are due October 31, mentor/ student meet-up is on November 4, 2011 3:00p – 5:00 location TBD.

1. **Mentor Team:** Darrell Williams, Barb Williams & Joy Neubauer.

Projects, Expertise: Learn about marine mammals, birds, ocean oddities & interpretation at the Seattle Aquarium. (Up to 3 students, teams okay).

2. **Mentor Team:** Jean Spohn & Kent Horton

Projects, Expertise: Fight Invasive Species in your Local Parks Habitat Restoration. Student will work to identify an area of interest in a community park or school property that needs invasive plants removed and native plants planted. (up to 3 students, teams encouraged).

3. **Mentor Team:** Community Salmon Investigation Team – Miller/ Walker Creek Community Stewards

Projects, Expertise: Weekly or every-other week survey in Miller and Walker Creeks to identify and count spawning salmon and determine whether salmon had a chance to spawn before they died. Surveys will take approximately 3 hours each, will be during daylight hours, and will be with at least one adult. (Up to 2 students, teams okay).

4. **Mentor Team:** Lizzie Jackson & Lili Allala

Projects, Expertise: Fight Invasive Species with the Nature Consortium. Students can participate in restoration work parties while learning restoration techniques and best management practices through hands-on experience. Students can develop leadership skills through assisting with volunteer work parties. (Up to 3 students, groups A-OKAY!)

5. **Mentor:** John Feeny

Projects, Expertise: One two students can help implement the installation of a native plant garden at Hazel Valley Elementary School. Help design the initial stages of the garden - draw up plans and map the school grounds. How about those invasive plants?? At your local Salmon Creek Ravine students can work to remove invasive ivy, blackberry and other non-native plants. Like to work indoors, help provide maintenance of a new greenhouse at the New Start High School. Students could experiment with different propagation methods for native plants to increase the nursery's inventory; watering, fertilizing and maintaining shade cover for nursery stock.

6. **Mentor:** Kathleen Andersen

Ever heard of Geographic Information System (GIS) or data gathering and reporting? If you are thinking about a career in science, you need to know GIS. Work with Kathleen and help her use GIS mapping to conduct a wetland study of Seahurst Park, examine wildlife habitat or investigate the ecology present.

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