Moss Landing Marine Laboratories

Organization/Agency: Moss Landing Marine Laboratories  Date: April 2010
Supervisor/Sponsor: Cara Clark  Supervisor/Sponsor title: wetland scientist
Address: 8272 Moss Landing Rd, Moss Landing CA 95039  Email: cclark@mlml.calstate.edu
Phone: (831) 771-4428  Fax: (831) 632-4403  Website: http://ccwg.mlml.calstate.edu/

Describe the internship assignment:
Moss Landing Marine Laboratories’ Habitat Restoration Group is seeking interns to implement wetland restoration in the Moss Landing area. Many of the problems that are now associated with California's waterways stem from the fact that natural watershed functions that served to maintain high water quality and wildlife have been disrupted. Some of the functions that have been lost include filtration of pollutants, recharge of aquifers, flood storage capacity, and habitat maintenance for native flora and fauna. Restoration of the core of the watershed is one of the most technically and scientifically sound, and cost effective means for solving many of these problems. We work to restore, enhance, and create wetland habitat.

Projects might include: monitoring survivorship of restoration out-plantings, assessing wetlands using the California Rapid Assessment Method, analyzing water quality data. The intern would assist with native plant propagation, weed control, installation of native plant landscapes, monitoring data collection (i.e. water quality), and office work associated with managing restoration projects and historical information. The balance of these various duties would depend on the season and the need, as well as the abilities and interest of the intern.

Prerequisites:

Internship Requirements:

• Intern must have the ability to work in the field (lift up to 50 lbs, hike up to 2 miles, etc.)
• Intern must work well with others but also be highly motivated and self-directed.
• Basic computer skills are required (all MS Office programs).
• Internship Preferences:
  • Experience with plant propagation would be beneficial.
  • A science background is preferred, particularly knowledge of watersheds, hydrology, biology of local flora and fauna, geomorphology, etc.