

Physical Science Internship 2009

The Physical Science and Landscape Ecology Branch of the Resources Management and Science Division is seeking an intern. The fundamental role of this branch is to provide scientific expertise related to the physical sciences in the form of scientific investigations, data collection, data analysis, scientific reports, maps, etc., in support of the protection and management of Yosemite National Park. *Just like California and the rest of the western United States, water is a critical resource at Yosemite National Park, a linchpin resource that affects plants, animals, people, etc.* The intern will assist with hydrology and other water-related projects, primarily conducting field work. Specific projects includes operating stage recorders in Yosemite Valley, developing a hydrograph, operating surface water and groundwater monitoring systems in Poopenaut Valley, operating groundwater monitoring system at Crane Flat, and preparing/analyzing data from these projects. The intern will also assist with general water quality sampling and there may be opportunities to participate in projects involving other disciplines of the branch, namely air quality, smoke management, contaminants, and geology. **If you like doing science in places like Yosemite Valley and old growth forests and enjoy exercising your brain, this internship is for you!**

Visitor Use and Social Sciences Internship 2009

The Visitor Use and Social Sciences Branch will be conducting a variety of studies in which the intern will be participating. The core studies in which the intern will be working include: the Tenaya Lake Visitor Use Assessment and the User Capacity Management Monitoring Program. Educational skills that will be fostered include social science/visitor use site appraisals, study development, protocol refinement and execution, systematic data downloading and transcribing, analysis, and reporting. All studies include being a part of an interdisciplinary work group that will discuss a range of issues that at times have conflicting perspectives.

Invasive Plants Team Internship 2009

Invasive non native plants are a big problem in National Parks like Yosemite. The intern will work as part of a team to map invasive plants in the Wawona area using GPS and palm pilots. The Wawona Weeds project started last year and will continue this summer with additional mapping of priority invasive plants, control of invasive plants, outreach to the Wawona community about invasive plants and working with volunteer groups. The intern will learn field skills in botany, plant identification, invasive plant control techniques, use of GPS, and possible obliteration of illegal off road vehicle routes. The successful candidate should like working outdoors in a variety of weather, be a team player, be organized and be detail oriented as well as have an interest in biology, ecology and outreach. Computer literacy is also important.