

U.S. Army Corps of Engineers/ SCA Partnership Locations 2003–PRESENT



Internships have included:

GIS/GPS, Interpretation, Wildlife Habitat Improvement, Visitor Services, Volunteer Coordination, Trail Work, Natural Resource Management, Invasive Plant Management

High School Crews have included:

Trail Reconstruction / Maintenance, Campsite Construction, Revegetation, Invasive Plant Removal

For more information,
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SCA CONSERVATION INTERNSHIP PROGRAM: Sample Intern Position Descriptions Placed with U.S. Army Corps of Engineers

CORALVILLE LAKE

SCA Public Safety Intern; 16 weeks

Intern will provide educational outreach and interpretive programming for all aspects of recreation safety including swimming, boating, bicycling, hiking, camping, and hunting. Intern's primary responsibility will be educating public visitors regarding public safety through face-to-face contact at beaches, boat ramps, boat patrol, campgrounds, and other venues where Intern has direct contact with visitors. Additionally, intern will be responsible to summarize contacts and submit a monthly report. Intern will perform a variety of other tasks including developing outreach materials, updating bulletin boards, maintaining life jacket loaner stations, organizing events, conducting interpretive programs and roving interpretation, writing news releases, possibly conducting media interviews (radio), promoting USACE safety campaigns, developing public service announcements and interacting with park visitors. Intern may be used for search and rescue and as a second (safety) person for boat patrols made by park rangers.

LEWISVILLE LAKE

SCA Trail Crew Intern; 12 weeks

Intern will serve as a member of a trail work crew and will be supervised on-site and work under the guidance of staff assigned by the manager. Intern will be expected to participate in all aspects of park maintenance including operation of chainsaw/weed eater/lawn mower, clearing trail corridors of brush and logs, constructing trail tread, steps, rock walls and water diversion structures, installing trail and road signage, painting, and carpentry. Intern will use hand and mechanical tools to accomplish these tasks and utilize GPS units and digital cameras to document work completed. Intern will also work with USACE volunteers and external volunteer organizations to accomplish some of these tasks. All tools, equipment and materials will be provided by USACE. Safety requirements will be provided through training at an on-site project orientation before the project starts.

WILLAMETTE VALLEY PROJECT

SCA Outreach and Trail Intern; 52 weeks

Intern outreach duties include updating brochures, presentations and the recreation website, writing text for articles and designing interpretive panels focused on wildlife and natural resources. Planning and developing materials for youth environmental education, and assisting with dam tours, Junior Ranger programs in the campground, and outreach events in the local community. Trail duties include collecting GPS data on trail system and associated recreational assets, creating trail maps and list of trail repairs, performing routine trail clearing, organizing and directing volunteer crews for trail maintenance. Additional duties include field support of other natural resource programs: recreation, botany, and wildlife biology and park operations.

DEER CREEK LAKE

SCA Park Ranger/Natural Resource Intern; 16 weeks

Intern will be responsible for implementing the Corps Water Safety Program, presenting Water Safety Programs at schools, parks, and special events, providing guided tours of the Deer Creek Dam, and assisting the Corps Ranger with patrols by boat and vehicle. Intern will assist in setting up and staffing of water safety booths at county/state fairs as well as assisting with updating bulletin boards, interpretive displays, stocking informative material in the information center, staffing the information center in times of high visitation, updating/informing the public of lake and weather conditions via recorded voice messages daily. Intern may also assist the Deer Creek Lake Maintenance Staff with minor park maintenance including painting, fixing picnic tables and benches and installing/maintaining park signs. Intern may also be asked to assist the Corps staff in completing minor boundary maintenance, water quality profiles, minor tree maintenance, tree planting, and recruitment of and oversight of volunteers.

ST. PAUL DISTRICT

SCA Forestry Technician Intern; 14 weeks

The SCA intern will assist a forester and other natural resource specialists in a wide variety of projects that will include conducting forest resource inventories, stand prescription development, forest regeneration surveys, timber stand improvement projects, timber cruising, analysis of hazardous trees, and public relations. Intern will develop and present interpretive programs, survey aquatic plants, conduct water quality and prairie restoration work. In addition, intern will provide safety related programs and perform minor site maintenance and basic administrative duties. Intern may also participate in recreational and water safety programs (as needed).

CHARLES RIVER NVS/WEST HILL DAM

SCA GIS Intern; 52 weeks

Intern will locate Corps boundary and easement lines and property markers using GPS Trimble Geo XH; gather data and enter into database for export into ArcGIS version 10.0; scan and geo-reference survey related documents; create maps using raster data sets and shape files, provide contractors with complete data package for boundary maintenance work; assist with additional GIS and mapping assignments as needed. Intern will also assist in reporting encroachments and marking property lines with signs, flagging, and paint where needed.

MISSISSIPPI RIVER PROJECT OFFICE

SCA Land Management Intern; 36 weeks

Intern will focus on land management activities with an emphasis on boundary monitoring. Intern will work with Project staff and District Surveyors to relocate boundary monuments and document encroachments and assist the shoreline management ranger with routine real estate inspections and boundary walking. The intern will also assist with forest inventory and forest management activities such as timber stand improvement, tree planting, minor site maintenance, invasive species management, and avian monitoring. On occasion, intern will have an opportunity to assist park rangers with the development and presentation of interpretive programs to the general public at one of our recreation facilities.