

**FY 2009 SUMMARY
USACE / SCA CONSERVATION INTERN & CREW PARTNERSHIPS**

FLORIDA

Lake Okeechobee

12 Week intern: 6/29/09 – 9/18/09

Interpretation: Create and implement new ideas for interpretation and outreach; utilize new technology such as podcasts, websites, web cams, virtual tours, etc. Topics for these ideas include water safety, natural resources and the environment, recreational opportunities and the project, and navigation and boating.

IOWA

Coralville Lake

52 week intern: 9/17/08 – 9/18/09

Ecological Restoration Intern: Identify and GPS invasive species for entry into the Midwest Invasive Plant Network; assist the Hawkeye Cooperative Weed Management (CWMA) with public outreach and education and grant writing; work to eradicate invasive species from undeveloped areas around the lake; work with adjacent homeowner associations in identifying and eradicating invasive species on private land adjacent to public land; organize and manage volunteer groups in invasive species management; create and present interpretive programs regarding invasive species; assist with prescribed burns (both prairie and woodland); other conservation related duties (as needed).

52 week intern: 9/15/09 – 9/11/10

Ecological Restoration Intern: Assist the Hawkeye Cooperative Weed Management (CWMA) with public outreach and education and grant writing; identify and GPS invasive species for entry into the Midwest Invasive Plant Network; work to eradicate invasive species from undeveloped areas around the lake; work with adjacent homeowner associations in identifying and eradicating invasive species on private land adjacent to public land; organize and manage volunteer groups in invasive species management; create and present interpretive programs regarding invasive species; assist with prescribed burns (both prairie and woodland); assist in writing prescribed burn plans; assist with the wildlife management program; complete a timber stand improvement project; and other conservation related duties (as needed).

KENTUCKY

Buckhorn Lake

12 week interns (2): 5/18/09 – 8/10/09

Park Ranger Intern: Collect data for a visitor monitoring survey; provide visitor assistance while monitoring campgrounds and recreation areas; administer a gypsy moth trapping program in cooperation with the U.S. Forest Service; participate in volunteer project events; assist Ranger staff in providing boat patrols of lake resources; maintain project signage and bulletin board displays; develop and maintain a wildlife food plot area; provide multiple interpretive program opportunities to visitors; collect and enter GPS data into the projects' GIS inventory system.

Nolin River Lake

12 week intern: 5/14/09 – 8/17/09

Interpretive Intern: Prepare and conduct water safety programs in campgrounds and on beaches; prepare and conduct interpretive programs on a variety of topics; assist with routine boat patrols of the lake to inform visitors of unsafe boating practices; assist with collection of visitor data through the Corps comment card program; work with volunteers and local organizations to complete various work projects at the lake, including trail maintenance, wildlife habitat enhancement, and recreation area improvements; conduct the gypsy moth trapping program; distribute information to visitors; assist Rangers with collecting information related to violations of rules and regulations; assist with Nolin's shoreline management program.

MASSACHUSETTS

West Hill Dam / Charles River Natural Valley Storage Area

52 week interns (2): 1/14/09 – 1/13/10 & 5/18/09 – 5/17/10

GIS INTERN: Locate Corps boundary and easement lines and property markers (using GPS Trimble Geo XT); gather data and enter into database for export into ArcGIS version 9.3; scan and georeference survey related documents; create maps using raster data sets, shape files, and ortho photos; provide contractor with complete data package for boundary maintenance work. Additional GIS assignments do become available as needed.

MINNESOTA

St. Paul District

15 week intern: 5/18/09 – 8/31/09

Forestry Technican Intern: Assist a forester and natural resource specialists in preparing forest resource inventories, stand prescription development, forest regeneration surveys, timber stand improvement projects, timber cruising, timber sales and public relations; develop and present interpretive programs; survey aquatic plants; conduct prairie restoration work; analyze hazardous trees; provide emergency response; conduct water quality work; provide safety related programs, minor site maintenance, and basic administrative duties; performs tasks relevant to recreation activities at an assigned park site, including patrol of reservoir areas, conducting individual or group tours of recreation areas, or participating in recreational and water safety programs (as needed). Natural resource staff and rangers will mentor you through all aspects of your duties. Work-sites are primarily accessed via flat bottom motorboat.

OHIO

Paint Creek Lake

14 week intern: 5/14/09 – 8/23/09

Park Ranger Assistant: Assist the Corps park ranger/natural resource specialist; provide natural resource management work around Little Pond (construction of small fishing dock, bird and bat boxes, observation blind); rehabilitate a 1.5 mile trail; assist in recruitment of and oversight of volunteers; implement the water safety program.

OREGON

Bonneville Lock & Dam

20 week interns (6): 1/12/09 – 5/31/09

Sea Lion Observer Intern: Observe sea lion predation on salmon and other species below Bonneville Dam; watch with binoculars to enumerate predation events; identify species of fish taken; identify species of pinnipeds present and number of pinnipeds present; identify individual pinnipeds and note other behaviors; study the impacts of harassment methods; data input and analysis. Observations occur from dawn to dusk at three locations at the dam, seven days a week.

PENNSYLVANIA

Tioga-Hammond & Cowanesque Lakes

12 week interns (2): 5/31/09 – 8/23/09

Forest Management Intern: Inventory, monitor, and manipulate terrestrial and aquatic species including invasive species; inspect and maintain boundaries; inspect and maintain trails; provide environmental education for park visitors; inventory and map previously disturbed areas; collect and summarize field data; transfer data to GIS systems; prepare required reports; arrange biological data; analyze information into tabular or graphic format for inclusion into documents; perform studies of vegetation or other natural resources; collect field data across a variety of landscapes tasks in all types of weather.

TENNESSEE

Cheatham Lake

16 week intern: 5/12/09 – 9/15/09

Summer Park Ranger Intern: Implement the water safety program to reduce public accidents and fatalities; provide one-on-one communication and speak to groups to present interpretive and educational programs and beach programs for all age groups; write news releases; distribute and post information to recreation areas, marinas, business and media; develop and implement a National Safe Boating Week Campaign, Safety Days, and other safety programs; staff exhibits at fairs or festivals; implement creative ways to provide for public safety; patrol by vehicle and by boat are key parts; check the condition of public use areas, commercial docks, group camps, and other recreation areas; assist park rangers by performing routine duties; ensure compliance with rules, regulations, and policies; investigate and report incidents, accidents, trespasses and damage to Government property; report violations or incidents; staff the Visitor Center to greet visitors and answer the phone; write reports including the fishing report; take and record water temperatures; install, read and make field repairs to traffic counters; perform other duties as assigned; represent the Corps in this public contact role by wearing and maintaining a prescribed uniform and present a neat, clean, and well-groomed appearance.

TEXAS

Sommerville Lake

14 week intern: 5/15/09 – 8/21/09

Invasive Species Management Intern: Install a variety of ant bait stations, 12%; maintain ant bait stations and applying broadcast baits, 50%; monitor and GPS ant colony extents and identify new colony locations around the lake, 10%; provide documentation of fieldwork, 5%; review data, 5%; transcribe information, 5%; handle details regarding vehicle care, 2%; assist with additional resource management projects, 6%; present Argentine Ant information to the public via individual park contacts and amphitheater presentations, 5%. Note: percentage of time spent may vary depending on colony extents, control methods used, weather, etc.

Trinity Regional Lakes

12 week interns (3): 5/13/09 – 8/5/09

Water Safety Outreach Intern: Provide outreach and interpretive programming, as part of a team, specifically on water and boating safety for all but targeting 17-35 year olds (mainly swimmers); develop programs for this target audience; update bulletin boards; establish life jacket loaner stations; interact with park visitors.

VERMONT

Upper Connecticut River Basin

12 - 26 week interns (7): 5/15/09 – 11/27/09

Wildlife Management Intern: Assist with various wildlife inventories (small mammals, bats, birds, herptiles) in a variety of habitats and locations, 75%; assist with a variety of resource management activities, 15%; computer data entry, 10%.

Wildlife Management/Small Mammals Intern: Conduct various small mammal inventories (mainly livetrapping) and assist with a variety of other wildlife inventories (birds, herptiles, bats) in a variety of habitats and locations, 70%; assist with a variety of resource management activities including invasive plant control and eradication, 20%; computer data entry, 10%.

Wildlife Management/Bats Intern: Conduct various small mammal inventories (mainly bat mistnetting) and assist with a variety of other wildlife inventories (small mammals, birds, herptiles) in a variety of habitats and locations, 70%; assist with a variety of resource management activities including invasive plant control and eradication, 20%; computer data entry, 10%.

WASHINGTON

Chief Joseph Dam

21 Day High School Crew: 6/11/09 – 7/1/08

SCA High School Crew: Six members / two leaders. Two to three days will be spent on fence maintenance, fire line maintenance, and trail maintenance at a primitive boat-in only campsite. The remainder of the time will be spent planting trees critical for wildlife and removing larger trees that have already been cut to the ground. Multiple opportunities for environmental education will occur during the visit.

Clarkston Natural Resources Office

26 week intern: 10/7/08 – 4/6/09

52 week intern: 3/30/09 – 3/29/10

GIS Specialist Intern: Develop a GIS project for this office to include mapping, infrastructure locations, and vegetation mapping; assist a multi-functioning office in the development and maintenance of recreational, fish and wildlife and operational programs of the GIS/GPS data management program.

Lower Granite Project

52 week intern: 6/15/09 – 6/14/10

Engineering Technician: Assist with engineering technician type duties including AS-Building prints, CADD, Micro-Station; verify prints to actual specs of equipment/structural. We have a existing Engineering Technician who will provide guidance on organization standards for updating AS-Building drawing into CADD. This is entry level Engineering Technician work.

