

# U.S. Army Corps of Engineers / SCA Partnerships

FY 2003–2010



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US Army Corps of Engineers.

## USACE / SCA Partnership FY 2003 – FY 2010

Through the first eight years of the partnership, SCA has placed 21 high school Conservation Crews (126 students) and 217 Conservation Interns (12-52 week positions) with 46 USACE partners in 21 states.

### A few partnership highlights from FY 2010:

#### **IOWA - Coralville Lake; 52 week intern** USACE POC Mary Sue Bowers

**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).

#### **MASSACHUSETTS - West Hill Dam/Charles River Natural Valley Storage Area; 52 week interns (2)** USACE POC Merlon Bassett

**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 Arcview GIS version 9.1; scan and geo reference survey related documents; create maps using raster data sets and shape files, provide contractor with complete data package for boundary maintenance work. Additional GIS assignments do become available as needed.

#### **OREGON - Bonneville Lock & Dam; 22 week interns (6)** USACE POC Robert Stansell

**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.

#### **TEXAS – Trinity Regional Lakes; 12-week interns (4)** USACE POC Dorie Murphy

**Water Safety Outreach Interns:** 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)** USACE POC Gary Felton

**Wildlife Management Interns:** 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%.

#### **WASHINGTON-Chief Joseph Dam; 21 Day High School Crew** USACE POC Robert Fischer

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.