Field Study Placement Catalog Information

Environment

CAPOC/ Community Action Partnership of Orange County (CAPOC)
Energy & Environmental Services Department

201

Best to contact by:

email

Interns

2

Last Update

08/10

Quarters

1

Minimum Hours

10-20

☑ Weekdays

☐ Week nights

☐ Weekend days

☐ Weekend nights

About the Organization:
The Community Action Partnership of Orange County (CAPOC) is one of the largest and oldest non-profit organizations in Orange County. CAPOC was founded by a coalition of elected officials, businesses, community leaders, and representatives of the poor, as Orange County’s Community Action Agency and incorporated as a non-profit in 1965. For the past 40 years, CAPOC has been instrumental in developing programs and activities aimed at impacting the causes and the effects of poverty and providing services that help low-income persons overcome the barriers to becoming self-sufficient. The mission of CAPOC is “Helping people, changing lives.” etc.

Energy & Environmental Services provides the following services: (a) Information & Referral (2-1-1 partner); (b)

About the Field Study Placement

SEVERAL INTERNSHIPS ARE AVAILABLE: Students can work in any of the CAPOC Departments. Admin duties include: fund reporting, outcome tracking, program development. Program duties include: phone screening, client interviews, other special assignments. Interns have the opportunity to learn more about the many facets of poverty in Orange County, including childhood hunger, transportation, the utility crisis, environmental health issues for children living in poverty, school and after school issues, housing, and the concerns of seniors living in poverty.

Interns may conduct a community needs assessments, evaluations, directed surveys, demographic profiles of poverty, compile and analyze data, research, review and evaluate program data and statistic; write reports and develop charts and presentations; develop public relations materials; work directly with staff and clients

Requirements

Willingness to learn. An interest in public administration, program development, and the non-profit sector is recommended but not required. Recommendation of the Field Instructor is required.

How to apply for a placement

Send resume and cover letter.
UCI Parking and Transportation

200 Public Services Building
Irvine, CA 92697-4525

Mr. Mike Davis
Interim Manager, TDM
msdavis@uci.edu
949 824-5060 949 824-2387

www.parking.uci.edu

Alternate Contact Ken Ezell, krezell@uci.edu or x47433

About the Organization:
UCI’s Sustainable Transportation division promotes and develops rideshare options (carpool, vanpool, shuttle, bus, train, bike, walk, carshare, bikeshare) for members of the UCI community. Following the mandates of the South Coast Air Quality Management District (AQMD) and goals set forth in the University and College President’s Climate Commitment, we work to relieve traffic congestion, reduce greenhouse gas emissions, save money for users, and put off the construction of costly parking structures.

About the Field Study Placement
Students will be involved in various aspects of our work - planning, operations, and analysis. Supervision will be provided by one of several Employee Transportation Coordinators. Depending on experience and interest, the assignments will be related to CHG emissions tracking, grant research/writing, marketing/communication to UCI, travel demand forecasting, and daily operations. Students will be oriented to AQMD regulations (Rule 22 and Employee Commute Reduction Program) and take part in appropriate staff meetings.

Requirements
Use of MS Office Suite. Recommended depending on area of interest - knowledge of: air quality regulations, statistics; strong writing and/or verbal skills; Adobe Illustrator or Photoshop.

How to apply for a placement
Send application (see P&TS website) and resume to Mike Davis.
GreenAnswers.com LLC

65 Enterprise, Suite 430
Aliso Viejo, CA 92656

Mr. Carl Dewese
Content Manager
Carl@GreenAnswers.com
949 330-6607 888 425-4978
http://GreenAnswers.com

Alternate Contact Jacob Lipman 310 878-2840 or Jacob.Lipman@Green

About the Organization:
GreenAnswers is a social question and answer website where people can ask, answer and learn about environmental issues. Everything on the site is driven by the community. With our environmentally-minded community, we aim to build the authoritative resources on the web for environmental issues.

About the Field Study Placement
Intern responsibilities include discussion moderation, research and fact checking for the site. In addition they will have the opportunity to work on social media promotion and search engine optimization. Interns will have creative writing opportunities which may include creating environmentally focused blogs, news article or press releases. By the end of the internship, students will have received the training necessary to successful market and environmental website and have a strong understanding of environmental issues. Interns interested in women's health issues may have the opportunity to do similar work for ThirdAge.com.

Requirements
Strong on-line research skills. Competency with MS Office and Google Docs.

How to apply for a placement
Send a cover letter and resume via email.
## About the Organization:

The California Coastal Commission’s Restoration and Education Program strives to combine environmental awareness with hands-on activities so that participants deepen their “sense of place” as citizens of Orange County and stewards of the Newport Bay Watershed. A high school curriculum has been developed to fulfill State Science Standards while connecting students to their local environmental resource, Upper Newport Bay (UNB). On Wednesday mornings, the public is invited to propagate native plants for a program designed to build a supply of plants with local genotype for use in restoration projects. Monthly Saturday events provide opportunities for large volunteer groups to restore critical species habitat throughout Upper Newport Bay.

## About the Field Study Placement

Students may help with both the educational efforts of the Program as well as with restoration efforts. Opportunities may include:
- Lead and train volunteers on Wednesdays and monthly Saturdays; Lead on-site high school field trips; Monitor restoration projects for wildlife-use and plant cover; Create fliers and aid outreach through media advisories.
- Occasional Saturday hours available from 7:00 a.m. - 1:00 p.m.

## Requirements

Interns need to be dependable, flexible, self-starting and motivated. Knowledge of ecology, horticulture, ecological restoration, environmental studies, and/or education also desired. Training will be provided as needed.

## How to apply for a placement

Email resume and cover letter.
California State Parks
Orange Coast District

3030 Avenida del Presidente
San Clemente, CA 92672
Ms. Blythe Liles
Regional Interpretive Specialist
bliles@parks.ca.gov
949 366-8503
949 492-9437
www.parks.ca.gov/OCDistrict

Alternate Contact David Pryor, Sr. Env. Spec. dpryor@parks.ca.gov, 949

About the Organization:
The mission of California State Parks is to provide for the health, inspiration and education of the people of California by helping to preserve the state's extraordinary biological diversity, protecting its most valued natural and cultural resources, and creating opportunities for high-quality outdoor recreation. Local state parks serve more than 12 million visitors per year and enjoy support from three non-profit park cooperating associations and over 300 active park volunteers and docents. Local parks include San Onofre State Beach, San Clemente State Beach, Doheny State Beach, Crystal Cove State Park, Huntington State Beach, and Bolsa Chica State Beach. As a volunteer, students will be issued a parking permit for access to Orange Coast District parks.

About the Field Study Placement
The Orange Coast District of California State Parks is seeking students to be involved in in interpretive and education programs and natural resource management. Students will shadow and work with the Regional Interpretive Specialist and the Senior Environmental Scientist in developing exhibits and programs, managing natural resources, and learning about environmental planning. Students will receive an orientation to California State Parks, training in interpretive and educational techniques, and/or natural resources management. They will have the opportunity to observe the multiple forces that shape the protection of California's natural and cultural resources. Through this they will be introduced to some of the tools that are used to shape environmental psychology and stewardship actions.

Requirements
Interest in California State Parks and environmental education. Strong research, writing and communication skills. Background check required for students working with children or handling money. Cost is $15.00.

How to apply for a placement
Send cover letter and resume. Complete a volunteer application. Information about the volunteer application is available from Ms. Liles.
Orange County CoastKeepers

3151 Airway Ave., Suite F-110
Costa Mesa, CA 92626

Ms. Briana Madden
Education Director
briana@coastkeeper.org
714-850-1965 x 305 714-850-1592
www.coastkeeper.org

About the Organization:

Orange County Coastkeeper’s mission is to protect and preserve the region’s marine habitats and watersheds through education, advocacy, restoration, research and enforcement. We focus on educating the public on marine and water quality issues, and working together with government and private organizations to improve coastal environments.

About the Field Study Placement

Students will work on scientific research projects, learning how to take accurate water samples, plant/species observations, and to analyze results. Interns will assist with Education Program activities, including field trips, in-class lessons, curriculum development and grading. Field work may also include help with beach cleanups, advocacy, event planning, marketing, technical writing, website editing and our water conservation garden.

Requirements

Genuine interest in coast ecology and water quality issues. Reliable transportation and proof of insurance required for water monitoring projects.

How to apply for a placement

Contact via email with a resume attached and plan to schedule an appointment for an interview/orientation. The number of placements we have available each quarter varies with our needs.
## About the Organization:

Discovery Science Center is dedicated to educating young minds, assisting teachers, and increasing public understanding and appreciation of science, math, and technology through interactive exhibits and programs. Guests explore exhibits that instruct about earthquakes, dinosaurs, physical perception, earth science, weather, fossils, physics, ice hockey, and much more, including seasonal events and exhibits. Discovery Science Center is open to the public and field trips.

## About the Field Study Placement

Field Study students will interact with children and adults by teaching simple table-top demonstrations and about exhibits. Interns will also have the opportunity to become an assistant to a specific department at Discovery Science Center.

## Requirements

Must be willing to learn about science and work with children.

## How to apply for a placement

An interview, orientation, and training are required prior to start of internship. A background check/Live Scan is required. Discovery Science Center covers the cost of the Live Scan. Last interview date will be 1.5 weeks before each quarter’s deadline.
About the Organization:

The Earth Resource Foundation (ERF) teaches environmental responsibility that can be applied where you live, work, and play. The ERF mission is to preserve, conserve, and restore to a healthy and sustainable state by redirecting available human, technological, monetary, and academic resources. Programs target three primary audiences: youth, communities, and businesses. The goal is to help each of these groups determine their environmental issues and provide the resources to assist them in accomplishing their goals.

About the Field Study Placement

Students’ responsibilities will focus on the development of informational resources in one of a number of different areas, such as the following:
- Development and assistance with ERF high school clubs
- Analysis of watersheds through the ERF “Working at the Watershed Level” – an in-classroom science program
- Presentations to elementary school students with the “Kids for a Healthy Earth” program
- Analysis of the public perception of environmental issues and the development of marketing tools
- Research of local environmental issues and networking with local business, government entities, and community organizations (for example, with regard to the Clean Water Act)
- Development and implementation of ERF campaigns: electric cars, renewable energies, plastic reduction, smoke-free beaches, natural products

Requirements

Students should have a general awareness of current environmental issues, along with basic computer office skills. Good research skills are also helpful. Physical Address: 1706 B Newport Blvd., 2nd Floor, Costa Mesa, CA 92627

How to apply for a placement

Email introductory information and attach resume. Use the following format for the filename for your resume: FS_Lname_Fname.doc
Ecomotion is a growing company dedicated to motivating people and businesses worldwide to take responsible energy and environmental actions. From its Irvine office, Ecomotion develops a global membership through an electronic newsletter, researches and publishes reports on best practices in the industry through 'The Results Center'. They design and market multimedia productions, provide strategic energy consulting to cities and utilities and implement energy efficiency programs (planning and managing events, construction crews and demonstration projects). Ecomotion also organizes high-level international study tours.

‘EcoMotion provided me the opportunity to acclimate to a professional setting in a comfortable, fun, and progressive environment. The highlight...working on projects...specifically related to the business of environmental

About the Field Study Placement

Every member of the staff is called upon to perform a variety of tasks as the need arises. Field study students will research and write reports to support "The Results Center," the EcoMotion Network News, and client projects. Topics will include industry best practices, tracking legislation, and generally supporting staff with information on items such as solar advances, wind energy, geothermal, air quality and health, etc. Occasionally students will present their findings via a PowerPoint presentation.

Other responsibilities may include planning and staffing outreach activities, assisting with marketing and with development of marketing media including websites and newsletters. Interns will participate in an orientation, attend regular staff meetings and occasional out of the office training. They will receive on-going training in writing skills, marketing and environmental topics.

Requirements

Sound grasp of written English; ability to organize and present information; familiarity with internet research techniques; professional appearance; sincere interest in environmental issues.

How to apply for a placement

Email cover letter and attach resume. All candidates will be interviewed at the EcoMotion office before interns are selected. Format for resume file name FS_Resume_Lname_Fname.doc
Inside the Outdoors

200 Kalmus Drive
P.O. Box 9050
Costa Mesa, CA 92628-9050

Ms. Stephanie Smith

insidetheoutdoors@ocde.us
714 708-3885 714 649-0162

www.insidetheoutdoors.org.us

About the Organization:

Inside the Outdoors Field Program has three major goals:
- Encourage students’ awareness and appreciation of the environment
- Broaden the students’ knowledge of science and social science concepts
- Foster students’ commitment to the protection of the natural environment

The Inside the Outdoors program provides science field trips for kindergarten through seventh grade students. The students spend the day at one of fifteen sites in Orange County (Dana Point, Upper Newport Bay, Caspers Park, Crystal Cove State Park, Modjeska Canyon Wilderness Preserve, San Joaquin Marsh, Limestone Canyon, George Key

About the Field Study Placement

- Assist in the outreach and general administration of the Inside the Outdoors Program
- Assist with promoting Inside the Outdoors offered by the Orange County Department of Education; Assist in recruiting participating schools
- Assist in providing information and presentations to school administrators, parents, teachers, and others interested in the Orange County Department of Education’s Inside the Outdoors programs
- Maintain a variety of records and prepare reports related to intern activities and operations
- Assist in conducting natural science activities in a variety of ecosystems for a group of 15-20 students and participating classroom teachers.
- Conduct other related activities as assigned by the Manager of the School and Field Program.
- Assist in preparing instructional materials relative to the interpretive activities as needed.

Requirements

Successful Job Performance Requires Knowledge of:
- Proper English usage, grammar, punctuation, vocabulary, and spelling
- Natural sciences, which may include invertebrate and vertebrate zoology, botany, plant taxonomy, ecology,

How to apply for a placement

Email introductory information and attach resume. Use the following format for the filename for your resume: FS_Lname_Fname.doc
About the Organization:

The Irvine Ranch Conservancy performs wild land management with a combination of science and public activities. We strive for a higher standard of stewardship and an adaptive management strategy of the Irvine Ranch wild lands.

About the Field Study Placement

Field study students may be involved in one or more areas depending on the needs of Irvine Ranch Conservancy and the skills and interests of the student including volunteer management, public programs, program administration, scientific research, office administration, site maintenance, procurement, event planning, marketing and more. Current projects at the conservancy include a citizen science program which will include data collection and research; and management of legal and illegal access to the wild lands.

Training will depend on assigned projects. Field study students are an integral part of the conservancy staff and may attend staff meetings if they are available.

Requirements

We are looking for motivated, self-driven and independent students with computer knowledge and experience using Microsoft Office products, public communication skills, strong organizational skills, strong writing skills, environmental knowledge is a plus.

How to apply for a placement

Send resume.
City of Irvine
Turtle Rock Nature Center
1 Sunnyhill Drive
Irvine, CA 92612

Ms. Jessica Fouty
Senior Leader, Kids and Nature Director
jfouty@cityofirvine.org
949 724-6738  949 856-2557
www.irvineopenspace.org

About the Organization:
The mission of Open Space Services is to promote awareness about our natural community while encouraging behavior that will result in the preservation of our open space, wilderness areas, and to engage members of the community in as positive outdoor recreational and educational experience. The Kids and Nature program at the Nature Center facility is offered five days a week from 11:00-1:30p.m. This program provides kindergarteners with an opportunity to learn about nature and conservation on a personal and global level. They learn through a variety of mediums including lessons from an established curriculum, art, games, and computer programs geared specifically toward environmental awareness. During the summer months a day camp is offered in our Southern Open Space Preserve at Bommer Canyon Cattle Camp. This ½ day morning program provides campers, ages 5-12, with a real outdoor camp experience. Actives include: daily hikes, themed crafts, games and a featured creature.

About the Field Study Placement
Students will assist in two areas of our programs: Kids and Nature summer camps depending on the time of year. General responsibilities include:
- Assisting with the development and implementation of a variety of environmental education programs.
- Supervise and engage participants in environmental programs: including hikes, crafts, games and outdoor recreational activities.
- Promote environmental awareness through theme-based lessons and trail tours.
- Assisting with program development.
- Light computer work.

Interns interested in working in the Kids and Nature program must be available during the school year weekdays.

Requirements
Applicants should have some experience working with school age children, an interest in teaching and in environmental education.

How to apply for a placement
Background check required.
La Mirada High School
Wave of the Future Energy Club

13520 Adelfa Drive
La Mirada, CA 90638

Mrs. Norma Williamson
Teacher/Solar Energy Academy Coordinator
nwilliamson@nlmusd.k12.ca.us

562 472-7433 562 943-7872

About the Organization:
La Mirada High School, in the City of La Mirada, has received a three year grant from California Department of Education to establish a Solar Energy Academy. This is the first time that CDE is funding "Green Academies" on high school campuses. The goal of this academy is to train students to enter the green workforce. 10th grade students will be learning about solar energy through hands on projects and specific learning modules in the following classes: ROP Welding, Language Arts, Biology, World History and Algebra I. The academy will be assisted by industry and educational partners.

About the Field Study Placement
Interns can help the above classroom teachers and/or the academy coordinator with: conventional academic tutoring, ordering of instructional materials, planning/implementing program activities; contacting and recruiting community partners, and as needed. Interns will report to either the classroom teacher or the academy coordinator.

Requirements
Effective verbal and written communication skills, experience with power point, internet search skills, and word processing.

How to apply for a placement
Interns need to take and pass a medical exam (TB testing) with your own doctor and be fingerprinted for $47 through our school district (with appointment only).
# Shark Mobile and Marine Life Educator

**Back Bay Science Center - Upper Newport Bay**

**Best to contact by:**
- any

**Interns:** 5

**Last Update:** 07/11 A

**Quarters:**
- [ ] 1-2

**Minimum Hours:**
- [ ] Weekdays
- [ ] Week nights
- [ ] Weekend days
- [ ] Weekend nights

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**About the Organization:**

The Department of Fish and Game maintains and operates an ecological reserve in the Upper Newport Bay area. The Back Bay Science Center (BBSC) is an educational facility located at the Upper Newport Bay Ecological Reserve and managed by the Department of Fish and Game. Exterior construction of the BBSC facility is complete, and we are now planning and moving into the interior. The goal of the BBSC is to educate the community about the marine environment and the importance of estuarine habitats. To facilitate this endeavor, the Center conducts a variety of science-based, hands-on activities as well as guided tours (via hiking and kayak) to teach students and the general public about the diversity of life and ecological importance of coastal wetlands. In addition, students participate in and contribute to the educational projects that are in development.

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**About the Field Study Placement**

**Shark Mobile:** The Shark Mobile is a mobile outreach aquarium which travels to school campuses and public venues to introduce students to marine life by bringing the ocean and estuary to them. In doing so, we educate students that may not have access to the coastal and marine environments. Interns will assist the BBSC staff with preparation, set-up and maintenance of aquariums and provide educational interaction and curricula with the students. For students working with the Shark Mobile, set-up and maintenance of the Shark Mobile requires some physical labor and a valid driver’s license. Availability on T, W, Th, F and / or Sat mornings from 8:00am until 12:00noon is preferred. Hours are flexible.

**Marine Life Educator / Assistant:** The Marine Life Educator (MLE) is a site-based marine education internship at the BBSC located at Upper Newport Bay Ecological Reserve. DFG conducts a monthly Marine Life Inventory to survey the

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**Requirements**

Interns should have an interest in working with children (grades 4 – 12) and a willingness to work with and handle marine animals. A general knowledge of California marine life is preferred but not required.

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**How to apply for a placement**

Complete an internship application at: [http://www.backbaysciencecenter.org/interns.html](http://www.backbaysciencecenter.org/interns.html) and submit, along with cover letter. Scroll to the bottom of the page to find the link to the application and e-mail attachment (MS Word) to bmessier@dfg.ca.gov
The UCI Arboretum is a botanical garden at UCI whose mission is teaching, research, and public outreach to the surrounding communities. The Arboretum also maintains a large conservation plant collection.

About the Field Study Placement

Interns will assist with horticultural tasks including propagation, watering, weeding, and fertilizing of plants both in the nursery and the gardens. They will also work in our herbarium, including mounting of new specimens and data entry and research. Student interns will also be involved in other aspects of the Arboretum's operations, including office work, general maintenance, public relations and special events and basic garden functions such as timely opening and closing of the grounds. This includes working Saturdays in rotation, 2-4 Saturdays during the quarter are required.

Requirements

Students should have good communications skills, attention to detail in their work. Good attendance is a must. Full training provided on all other aspects of working at the Arboretum. Students may be required to do physical work such as bending, stooping.

How to apply for a placement

Send resume in .pdf or .doc format to ldlyons@uci.edu.
UCI Dining
Best to contact by: any

A311 Student Center
Irvine, CA 92697-5575

Ms. Kathryn Hueber
Marketing Manager
khueber@uci.edu
949 824-4182 n/a
www.ucidining.com

Alternate Contact Alice Chang - chang-alice@aramark.com

About the Organization:
UCI Dining's Sustainability Program focuses on environmental and social responsibility. UCI Dining is constantly looking for ways to engage in sustainability practices, as well as educate the campus community on sustainability. Some sustainability practices the program incorporates are: recycling, biodegradable products and a locally grown purchasing program.

About the Field Study Placement
Student interns will have the chance to contribute to the creation and advertising of sustainability activities relating to food service. Activities include, but are not limited to the following: developing and implementing action plans, creating marketing collateral, updating UCI Dining's sustainability web site, and researching new trends and products. Student intern will work under the supervision of the UCI Dining Marketing Manager. On-the-job training, directly from the marketing manager, will include: computer skills, on-site restaurant visits and reviews, operational procedures, event promotion and set-up, professional coaching, occasional meetings with other university departments (if student's schedule permits). Projects include, but are not limited to the Locally Grown Purchasing Program, Advertisements & Communication Materials, Earth Week & Earth Day Activities, Weigh the Waste event and other programs, as they are created.

Requirements
Demonstrated working knowledge of MS Word & Excel, must be able to work independently and with a team, interest in sustainable practices, and strong writing skills. Graphic design skills are a plus.

How to apply for a placement
Send resume and cover letter.
UCI Facilities Management
Recycling Program

Facilities Mgmt 201 Interim Office Bldg

Irvine, CA 92697

Ms. Anne Krieghoff

UCI Recycling & Refuse Coordinator

akriegho@uci.edu

949 824-9097 949 824-9381

n/a

Alternate Contact

Best to contact by: any

Quarters 1

Minimum Hours 10

Weekdays

Check here for availability:

☐ Week nights

☐ Weekend days

☐ Weekend nights

Interns 5

Last Update 06/09 A

About the Organization:

UCI Facilities Management Recycling Program is responsible for all waste and recycling on campus. We actively work to educate the campus population on the importance of and procedures for recycling.

About the Field Study Placement

Students choose a project that promotes the improvement of recycling on campus. These projects typically provide the student with a better understanding of waste/recycling related fields. Current projects include: Ink/Toner Cartridge Recycling; "Buy Recycled"; Waste diversion research; Recycling related cost-benefit studies; Mapping; Grant research and writing

Our goal is to have each student work on a resume worthy project that relates to sustainability.

Requirements

Creativity and leadership ability.

How to apply for a placement

Send resume and cover letter to Anne Krieghoff.
**About the Organization:**

The Orange County Zoo is a recreational and educational resource for both children and adults. The Zoo offers educational tours to school children, scouting programs, toddler programs, story times for children, and hands-on experience at discovery carts. The Orange County Zoo is located inside Irvine Regional Park in the City of Orange.

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### About the Field Study Placement

Intern training will cover information on animals and wildlife, native plants, teaching styles, and methods for working with children. Students will be trained to give educational tours throughout the zoo and to use hands-on materials at the Discovery carts to teach environmental concepts to children and adults. Students may also lead "Story Time" -- a program aimed at the younger zoo visitors. Students may also help with the zoo’s seasonal special events and various special projects as needed and toddler programs. Students may also assist animal keepers with simple projects if interested. Students will assist in preparation for classes for children including set-up, craft and supply preparation and other needs for the program.

### Requirements

Interns should be genuinely interested in animals, environmental adaptation and preservation. An ability to teach both young children and adults is also recommended.

### How to apply for a placement

Send resume and cover letter. Students will be required to attend a volunteer orientation which includes fingerprinting/background check (at no cost).