

**NHEC 2nd Annual
"CA MINORITY YOUTH ENVIRONMENTAL
TRAINING INSTITUTE"**

Thursday, June 25 to Tuesday, June 30, 2009

**6 Day Program
To
VARIOUS SITES IN AND AROUND:**

**CAL STATE UNIVERSITY CHANNEL ISLANDS,
THE SANTA MONICA MOUNTAINS NATIONAL
RECREATION AREA, AND
CHANNEL ISLANDS NATIONAL PARK**

**Sponsored by the Pacific West Region of the National Park
Service**

DAY 1 – THURSDAY, June 25, 2009:

<u>TIME</u>	<u>ACTIVITY</u>
7:00 am	NHEC Staff Preparation/Set-up in "Commons" room (Institute classroom) in Santa Cruz G-1, in the Student Housing complex at CSU Channel Islands (CSUCI), in Camarillo
8:00 am	Other NHEC staff begin meeting Students Upon Their Arrival at LAX airport, or at Union Station (for Amtrak) NOTE: Since students are arriving by difference transportation into Los Angeles, all students will meet in the lobby of the Renaissance Airport Hotel Los Angeles, just outside LAX Airport. As students arrive at hotel, do icebreaker activity – students interview each other, using questionnaire.
9:45 am	Board bus, depart for CSU Channel Islands. Students continue interviewing each other, especially those who arrived later.
11:05 am	Bus arrives at CSUCI, at Anacapa Village Student Housing. Students go into Commons Room, with luggage. Students do not unpack until later.
11:15 am	Brief announcements. Materials for students on tables in Commons.
11:20 am	Give Pre-Test to Students.
11:40 am	NHEC Official Welcome. Then, introduction of NHEC Instructors, staff, funders, and students. Students discuss Student Interviews and what they learned from each other.
12:15 am	Lunch at Islands Café, where students will eat at CSUCI.

1:00 pm	Return to Commons room. Introduction/Orientation to Institute: Review purpose, framework, Program, materials, safety, rules, Code of Conduct, roommate assignments, basic facts about CSUCI, and more.
1:35 pm	Introduction to "Role Model" concept. Introduce Role Models present. Role Models who are present speak briefly.
2:00 pm	Outdoor Team Building Exercises --students do this in teams to continue icebreaking and leadership development. Return to classroom.
2:45 pm	Introduction to the Sponsor, the National Park Service —Welcome by NPS staff present. Watch film on history, mission, duties, and more on NPS. Presentations by NPS to follow. Other role models who have arrived speak briefly.
4:20 pm	Students gather luggage, go to their rooms to unpack, clean-up/bathroom, etc.
5:30 pm	Students gather in Anacapa Village plaza, walk together to Islands Café.
5:40 pm	Dinner at Islands Café.
6:40 pm	Back in Commons room. Begin Orientation to and Walk Around CSUCI. Led by Instructors, students walk key areas of campus. Also begin to identify and discuss significant historical, cultural, and natural resource features while walking. Also do some bird, tree, and animal identification as observed.
7:40 pm	Students return to Commons, bathroom break, etc.
7:50 pm	Video by NPS on the Channel Islands.
8:20 pm	Presentation on "Ecology and Natural Systems", including Channel Islands National Park --Pedro Chavarria, Instructor.
8:45 pm	Introduction to Journals —purpose and use by both students and Instructors.
8:55 pm	Wrap-up. Reminders for next day, including trip to Channel Islands the next day. Students return to their rooms in Anacapa Village, accompanied by Instructors. Students continue to unpack; get settled in their sleeping rooms.
9:00 pm on	Free time for students to socialize. Also, journal writing.
11:00 pm	Room roll call and students in their rooms.

DAY 2—FRIDAY, June 26:

TIME	ACTIVITY
6:45 am	Wake up Knock on Student Doors. Students rise, clean-up.
7:15 am	Students check in with Instructors at Commons room in Santa Cruz G-1. Walk to Islands Café for Breakfast.
7:20 am	Breakfast at Islands Cafe, accompanied by Instructors. NHEC staff continue preparation in classroom for day.

- 7:55 am **Students finish eating Breakfast.**
- 8:00 am **Students back Commons room.**
- 8:00 am **Final Preparations for trip to East Santa Cruz Island, one of the Channel Islands. Overview of Day.** Bring bag lunches.
- 8:10 am **Board bus for Ventura Harbor**, site of ferry dock for trips to East Santa Cruz Island.
- 8:35 am **Arrive Ventura Harbor.**
- 9:00 am **Board ferry for trip to East Santa Cruz Island**, guided by NHEC instructors and NPS staff. While on boat, interpreters will discuss the unique ecology, marine biology, and natural resources of this marine park.
- 10:15 am **Arrive East Santa Cruz Island**; debark ferry. Use restroom, get set.
- 10:25 am **Introduction to Santa Cruz Island** – by NPS Law Enforcement Ranger Lulis Cuevas
- 11:15 am **Presentation on Marine Protected Areas**, which includes the Channel Islands – by NPS Supervisory Law Enforcement Ranger Mike Morales
- 12:00 noon **Lunch and time to explore Visitor Center**
- 1:00 pm **Students divide into two groups for hike to Cavern Point**
Group 1 – Hike with Ranger Danny Black, leaving through campground.
Group 2 – Hike with Ranger Lulis Cuevas – leaving by Ranch House. Hike to Cavern Point
- 2:30 pm Break
- 2:50 pm Students divide into 2 groups again
Group 1 -- **Presentation/discussion on Restoration and Inventory Monitoring Program** by NPS Botanist Dirk Rodriguez
Group 2 – Field work based on programs see on the island
- 3:30 pm Groups switch activities
- 4:30 pm **Free time at Beach/Ranch Area**
- 5:00 pm Board ferry back to Ventura Harbor
- 6:00 pm **Arrive Ventura Harbor**; debark. Use restrooms, clean up.
- 6:15 pm **Dinner outside** Channel Islands Visitor Center
- 7:00 pm **Tour Channel Islands Visitor Center.** Learn/see the history and ecology of this national park.
- 7:30 pm **Watch film on the Pacific West Region of NPS** – learn about parks such as Yosemite, Olympic, Redwoods, and more.
- 8:00 pm Role Models who are present speak.
- 8:20 pm **Depart for CSUCI**
- 8:45 pm Arrive CSUCI
- 9:00 pm on **Free time for students to socialize.** Journal writing.
- 11:00 pm Room roll call and **students in their rooms.**
- 11:00 pm on **Periodic bed checks by Instructors.**

DAY 3 – SATURDAY, June 27:

TIME	ACTIVITY
7:00 am	Wake up Knock on Student Doors. Students rise, clean-up.
7:50 am	Students check in with Instructors at Commons room in Santa Cruz G-1. Walk to Islands Café for Breakfast.
8:00 am	Breakfast at Islands Cafe, accompanied by Instructors. NHEC staff continue preparation in classroom for day.
8:50 am	Students finish eating Breakfast.
9:00 am	Students back Commons room.
9:00 am	Role Models who are present speak
✓ 9:15 am	Presentation by NPS on “Environmental, Natural Resource, Cultural, and Historical Career/Internship Programs and Opportunities For Students at NPS” NPS staff will review programs such as STEP, SCEP, YCC, Volunteers in Parks, and more that teens and college students can use to enter NPS
10:35 am	Break
10:45 am	Back in Commons room. Presentation on the “Living Dynamics, Interactions, and Natural Habitats of Birds and Other Mammals” in the U.S. – by Roy Rodriguez, Lead Instructor and Internationally Recognized Naturalist and Birder
11:30 am	Introduction to Field Studies and Student Teams, and discussion of topics to be studied -- e.g. plant diversity, human impact, biological assessments, etc, plus overview of purposes of field work, including water testing and more.
12:10 pm	Lunch at Islands Café, accompanied by Instructors.
1:00 pm	Back in Commons room.
1:00 pm	Assignment of students to their Teams
1:15 pm	Depart Commons room. Hike trail at CSUCI. Continue plant, tree, and bird identification.
2:40 pm	Back at Commons Room. Bathroom break, clean-up
3:00 pm	Hike to entrance of CSUCI campus, continue plant, tree and bird identification; at stream and wetlands area, students divide by teams to begin their field work, including water testing and biological assessments.
5:20 pm	Depart riparian area, hike back to Commons Room. Restrooms and clean up
6:15 pm	Dinner at Islands Cafe, accompanied by Instructors.
7:00 pm	Back in Commons room.
✓ 7:05 pm	Presentation on “Minorities and the Environment—Our Roles, Our Responsibilities”. Includes discussion on environmental justice – Roger Rivera, NHEC President.
7:40 pm	Presentation on “Rivers, Water Infrastructure Systems, Hydrology, and the Interactions of Man and Nature” – Sal Ramirez, NHEC CA Director

- 8:30 pm **Wrap-up and discussion for next day's activities.**
8:45 pm **Students return to their rooms**, accompanied by
Instructors.
8:40 pm **Free time for students** to socialize, etc. Also, journal
writing.
11:00 pm Room roll call and **students in their rooms.**
11:00 pm on **Periodic bed checks by Instructors.**

DAY 4 – SUNDAY, June 28:

TIME	ACTIVITY
------	----------

- | | |
|-----------|---|
| 7:00 am | Wake up Knock on Student Doors. Students rise, clean-up. |
| 7:55 am | Students check in with Instructors in Commons room. |
| 8:00 am | Students go to Breakfast at Islands Cafe, accompanied by
Instructors. NHEC staff continue preparation in classroom
for day. |
| 8:55 am | Students finish eating Breakfast , go back to Commons
room. |
| 8:50 am | Final Preparations for field trips that day. Bring bag lunch. |
| 9:00 am | Board bus to Malibu Creek State Park. NHEC Instructors,
role models, and others accompany students on bus and
into field. |
| 9:40 am | Arrive Malibu Creek State Park. Offload bus and hike trail
at park. Student teams in the field , conduct biological
assessments and observations, water and soil testing. |
| 12:30 pm | Bag Lunch in field, at park. |
| 12:40 pm | Board bus for Solstice Canyon Trail, in the Santa Monica
Mountains Nat. Recreation Area (SAMO). |
| 1:15 pm | Arrive Solstice Canyon Trail. Unload bus, begin hike. |
| 1:30 pm | Continue hike on trail ; continue student team activities,
including biological assessments and water testing. End at
beautiful waterfall at end of trail. |
| 4:00 pm | Hike trail back to bus. |
| 4:30 pm | Load bus, depart for CSUCI |
| 5:15 pm | Arrive CSUCI. Unload bus. Restrooms and clean-up |
| 6:15 pm | Students eat Dinner in Islands Café. |
| 7:00 pm | Students return to Commons room. |
| 7:00 pm | Role Models who are present speak briefly. |
| ✓ 7:20 pm | Role Model "Round Robin" Interview Session: Students
interview role models. Inquire about role models lives,
careers, educational background, challenges and
accomplishments, and their involvement in the environment. |
| 8:15 pm | Academic, College, and Career Goal Discussions With
Students—Led by Students. Instructors, NPS/other role
models, talk with students to explore their academic/career |

- goals, with a particular emphasis on environmental, natural resource, cultural, and historical careers, plus opportunities such as internships, scholarships, and graduate school. Students who are already in college especially participate.
- 8:55 pm Wrap-up and discussion of next day's activities.
- 9:00 pm **Free time for students** to socialize, etc. Also, journal writing.
- 11:00 pm **Room roll call and students in their rooms.**
- 11:00 pm on **Periodic bed checks by Instructors.**

DAY 5 - MONDAY, June 29:

TIME	ACTIVITY
7:00 am	Wake up Knock on Student Doors. Students rise, clean-up.
7:55 am	Students check in with Instructors in Commons room.
8:00 am	Students leave for Breakfast at Islands Cafe, accompanied by Instructors.
8:50 am	Students finish eating Breakfast , return to Commons room.
8:50 am	Final Preparations for field trips that day. Bring bag lunch.
8:55 am	Summary Presentation on GPS - its uses as an environmental tool - by Instructors Pedro Chavarria and Adam Deras
9:20 am	Board bus for Board bus for Zuma Lagoon/Zuma Beach.
9:50 am	Arrive Zuma Lagoon/Zuma Beach. Unload bus. Student team activities continue. Presentation by Antonio Solorio, NPS Education Specialist, SAMO on wetlands restoration issues. Hands on activities for students. Continue water testing and biological assessment.
11:40 am	Board bus to Tapia Water Reclamation/Rancho Las Virgenes Composting Facility; both operated by Las Virgenes Municipal Water District. NHEC Instructors, role models, others accompany students on bus and into field. Lunch on the bus.
12:10 pm	Arrive Tapia Water/Wastewater Reclamation Facility. Guided Tour to view issues in the "brown" side of the environment. Unload bus, students go into Visitor Center. Bathroom break.
12:20 pm	Presentation by Tapia staff on issues in pollution, wastewater, recycling, and more.
12:50 pm	Begin tour of Tapia facility , accompanied by instructors and Tapia staff
2:20 pm	Tour ends, board bus. Depart for Satwiwa site and Visitors Center , in Santa Monica Mountains Nat. Recreation Area

2:30 pm	Depart for Satwiwa
3:00 pm	Arrive Satwiwa , unload bus. Tour Visitor Center, bathroom break., view Native American teepee under construction
3:30 pm	Hike trail at Satwiwa ; continue plant, tree and bird identification.
5:20 pm	Return to Visitor Center. Bathroom break. Board bus to return to CSUCI
5:50 pm	Arrive CSUCI. Unload bus. Students go to rooms, clean-up, etc.
6:30 pm	Dinner in Islands Café.
7:15 pm	Return to Commons Room. Role models who are present speak
7:30 pm	Presentation from and Wonderful Stories Told by Native American Storyteller Julie Tumamait-Stensile , of the Chumash Tribe. The Chumash were/are the original Native Americans in S. CA before the arrival of Europeans.
8:30 pm	Remarks by Russell Galipeau, Superintendent , Channel Islands National Park
8:45 pm	Wrap-up and discussion of next day's activities.
8:50 pm	Free time for students to socialize, etc. Also, journal writing.
11:00 pm	Room roll call and students in their rooms.
11:00 pm on	Periodic bed checks by instructors.

DAY 6—TUESDAY, June 30:

TIME	ACTIVITY
7:00 am	Wake up Knock on Student Doors. Students rise, clean-up.
7:55 am	Students check in with Instructors in Commons room.
8:00 am	Students go to Breakfast at Islands Cafe, accompanied by Instructors. NHEC staff continue preparation in classroom for day.
8:50 am	Students finish eating Breakfast , go back to their rooms to continue packing for home.
9:15 am	Students return to Commons room.
9:15 am	Presentation on Endangered Specied by staff from the U.S. Fish and Wildlife Service, in particular the CA Condor and the Condor Re-introduction Program in CA; also opportunities for students in natural resources.
10:15 am	Continue Presentation from previous day on "GPS" and radio telemetry equipment – its purposes and use. Instructors and role models demonstrate GPS devices in field to students. Students go outside to use equipment

- 11:15 am **Begin preparation by Student Teams for their first part of Final Presentations**, based on all their field tests results, biological assessments, measurements, and observations.
- 12:15 pm **Lunch in Islands Café.**
- 1:00 pm Students return to Commons room.
- 1:40 pm **Students continue their preparation by Student Teams for their first part of Final Presentations**, based on all their field tests results, biological assessments, measurements, and observations.
- 1:50 pm **Students finish their preparations** for final presentations.
- 1:55 pm **Students teams start giving their final presentations.**
- 2:45 pm Students teams finish. Break.
- 2:50 pm **Students begin second part of Final Presentations.** Utilizing their field test results and knowledge gained during the Institute, **student teams must give an Environmental Impact Statement presentation** to and answer questions from the "City Council" (composed of Instructors and NPS staff).
- 3:50 pm Students finish their City Council EIS presentations. Break.
- 4:00 pm **Students write their final essays**, on what the Institute has meant to them and their experiences.
- 4:20 pm **Students read their final essays.**
- 5:55 pm Students go to rooms, finish packing.
- 6:15 pm **Dinner in Islands Café.**
- 6:45 pm Students return to Commons room. **Graduation certificates given out**, photos taken.
- 7:30 pm Board Bus. Depart for Los Angeles Renaissance LAX Airport Hotel and home.
- 8:40 pm **Arrive Los Angeles.** Students either greeted by parents or depart for home.
- 8:45pm CA Institute ends.

NHEC CALIFORNIA INSTITUTE ENDS

"6 DAYS OF LEARNING, A LIFETIME OF EXPERIENCE!"