



Pacific Coast Science & Learning Center Research Support 2008

San Francisco Bay Area National Parks

Application deadline May 5, 2008

The **Pacific Coast Science & Learning Center** at Point Reyes National Seashore supports a broad array of ecological, physical, and cultural research in Bay Area National Parks and the dissemination of the results. In 2008, we anticipate awarding **six grants of up to \$2,500** each for studies in ecology, geology, or cultural sciences. We will also award **one \$5,000 grant** to researchers addressing questions of marine ecosystem ecology concerning upper level predators (marine mammals, sharks, seabirds, etc.) in the waters adjacent to Point Reyes National Seashore. Applicants may also request an additional \$500 to fund an intern working as a field assistant on your study.



Examples of 2008 Research priorities:

- Impacts of climate change on Bay Area National Parks
- Coastal processes (Stinson Beach)
- Paleontological resources
- Sea cave research
- Analysis of elk-visitor interaction data.
- Does the use of covered dairy feeding troughs result in fewer Ravens near Snowy Plover breeding grounds?
- Barred Owls - impacts on spotted owls
- Northern Spotted Owls - habitat quality study
- Mission blue butterfly monitoring and habitat enhancement
- Habitat improvements for western snowy plovers
- Coyote management
- Effect of algal biotoxins on native lagoon fish (Rodeo Lagoon)
- Evaluate major decline in coho returns in winter 2007-08.
- Coastal Water Quality and circulation patterns.
- Coho and Steelhead fisheries analysis.

Clockwise from top left: Point Reyes National Seashore, Golden Gate National Recreation Area, Muir Woods National Monument, and Pinnacles National Monument.

In addition to financial support, PCSLC also provides **desk space, web access, lab space, GIS data, short-term housing, and boat support** to researchers for projects that are particularly relevant to national park service science needs.

Please visit www.nps.gov/pore/parkmgmt/pcslc.htm to learn more about initiating a project and to download additional copies of this RFP and the application form.

For further information on research priorities, general questions, or to submit a proposal (**must use four-page application form**) please contact:

Ben Becker, Ph.D.
Director and Marine Ecologist
Pacific Coast Science & Learning Center
Point Reyes National Seashore
Point Reyes Station, CA 94956

415-464-5247
ben_becker@nps.gov

We also encourage researchers to develop projects not identified above.



Examples of Recently Supported Projects:

Calming the controversy: Pigeon Guillemot habitat enhancement and public outreach on Alcatraz Island – UC Davis and PRBO Conservation Science

Peregrine Falcon Population Survey – UC Santa Cruz

West Nile Virus antibody prevalence among raptors – UC Davis

Practical restoration tools to increase native grass establishment – UC Berkeley

Evolutionary significant populations of banana slugs – UC Santa Cruz

Parasites as high-quality indicators of wetland biodiversity – UC Santa Barbara

Algal inventory of Tomales Bay - UC Berkeley, Sonoma State University

Intertidal invertebrate inventory of Tomales Bay - Bodega Marine Lab, Dominican University, LA Co. Museum of Nat. Hist.

Consequences of functional diversity for invasion resistance of fouling communities – UC Davis

Disturbance and mud snails in Tomales Bay – UC Davis

Subtidal Habitat Mapping of Point Reyes National Seashore and Golden Gate NRA - Moss Landing Marine Labs

PCSLC 2008 Grant Application Guidelines

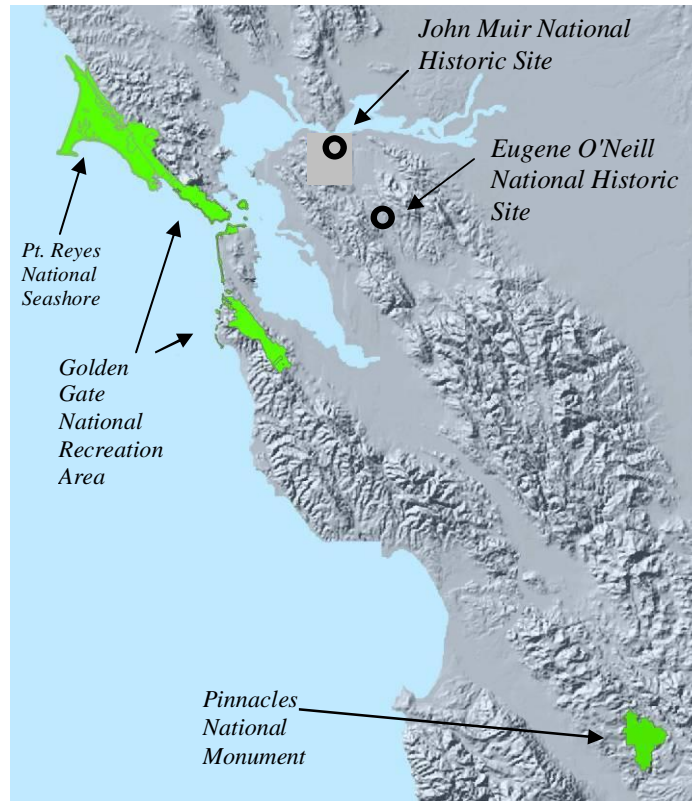
Eligibility: Priority will be given to projects of high research quality that support the Center’s mission to understand ecological, physical, and cultural resources in Bay Area National Parks. We encourage applications from graduate students or established researchers, and prefer projects that are likely to result in peer-reviewed publications.

Conditions and Requirements: Successful applicants will be encouraged to utilize park facilities available through the Pacific Coast Science & Learning Center. We require that grantees obtain an NPS research permit, give a presentation on their findings to park staff, and provide

NPS with a final written summary of their findings (graduate thesis or journal article are also acceptable). Researchers working on monitoring or inventory projects may also be requested to provide a copy of their data to the host park for long-term archiving.

Applicants must use the four-page application form associated with this RFP (Website URL on previous page). Please type answers directly on the form and submit via e-mail.

Applications must be submitted to Ben Becker via email by 5 pm on May 5, 2008.



San Francisco Bay Area National Parks

Ranking Criteria (30 points total)

- A. Research will inform Park Service management and conservation (10 pts)
- B. Sound methods (10 pts)
- C. Incorporates educational component (5 pts)
- D. Leverages other funds or in-kind costs (5 pts)



The **San Francisco Bay Area Network of Parks** includes: Golden Gate National Recreation Area (GGNRA), Pinnacles National Monument, Point Reyes National Seashore, Muir Woods National Monument (within GGNRA), Eugene O'Neill National Historic Site, The Presidio (within GGNRA), Fort Point National Historic Site (within GGNRA) and John Muir National Historic Sites.