

Papahānaumokuākea Marine National Monument
EDUCATION Permit Application

NOTE: *This Permit Application (and associated Instructions) are to propose activities to be conducted in the Papahānaumokuākea Marine National Monument. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Papahānaumokuākea Marine National Monument (Monument).*

ADDITIONAL IMPORTANT INFORMATION:

- Any or all of the information within this application may be posted to the Monument website informing the public on projects proposed to occur in the Monument.
- In addition to the permit application, the Applicant must either download the Monument Compliance Information Sheet from the Monument website OR request a hard copy from the Monument Permit Coordinator (contact information below). The Monument Compliance Information Sheet must be submitted to the Monument Permit Coordinator after initial application consultation.
- Issuance of a Monument permit is dependent upon the completion and review of the application and Compliance Information Sheet.

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Send Permit Applications to:

Papahānaumokuākea Marine National Monument Permit Coordinator

6600 Kalaniana'ole Hwy. # 300

Honolulu, HI 96825

nwhipermit@noaa.gov

PHONE: (808) 397-2660 FAX: (808) 397-2662

SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, SEE THE LAST PAGE.

Papahānaumokuākea Marine National Monument Permit Application Cover Sheet

This Permit Application Cover Sheet is intended to provide summary information and status to the public on permit applications for activities proposed to be conducted in the Papahānaumokuākea Marine National Monument. While a permit application has been received, it has not been fully reviewed nor approved by the Monument Management Board to date. The Monument permit process also ensures that all environmental reviews are conducted prior to the issuance of a Monument permit.

Summary Information

Applicant Name: Linda Schubert

Affiliation: Papahānaumokuākea Marine National Monument, NOAA

Permit Category: Education

Proposed Activity Dates: June 15, 2009 - June 22, 2009

Proposed Method of Entry (Vessel/Plane): Plane, Gulfstream G-1

Proposed Locations: Midway Atoll and surrounding reserve limits

Estimated number of individuals (including Applicant) to be covered under this permit: 15

Estimated number of days in the Monument: 8

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

The purpose of the Papahānaumokuākea Ahahui Alakai (PAA) program is to foster the next generation of stewards of the Monument and for people to actively protect the environment in their own back yards.

b.) To accomplish this activity we would

To accomplish this, we would take 12 educators and community leaders who have committed to doing stewardship projects in their own communities to Midway Atoll. Our goal is to not only be create life-long ambassadors for the Monument, but also, by selecting people who are situated to make a significant impact through hands-on stewardship in their communities, we will carry that message and action far further than the twelve individuals in this program. Participants have committed to fulfilling several program requirements during and upon completion of the trip to Midway:

- Submitting 3 journal entries with digital photographs during your experience on Midway.
- Submitting all photos and video collected during your trip to the Monument, edited, with key words, and titles.
- Providing copies of any derived materials – PowerPoints, movies, slideshows, PodCasts, etc to the Monument to use at their discretion.

- Either be willing to be interviewed by media coordinated by the Monument or seek out media opportunities regarding your expedition in your home communities.
- Give three community or professional presentations on your experience (within your community or elsewhere). And provide number of attendees and any feedback to the coordinators.
- Submit a stewardship/action plan relevant to your experiences in the Papahānaumokuākea MNM.
- Implement your stewardship action plan and submit one copy of the evaluation and its overall results.
- Participate in online collaboration with previous participants to share what you have done with your experience, and possibly participate in annual re-unions.
- If asked, be willing to assist with selection of the following year's group of participants.

c.) This activity would help the Monument by ...

The PAA program will help the Monument by creating ambassadors that will carry the Monument messages into their communities and fostering stewardship. The people being selected to participate are in positions where they can effect a community, have committed to a stewardship project in their communities, and have their support. Therefor, we will reach communities throughout Hawaii and the rest of the United States to better understand not only what the Monument is about but also how they are connected to it, as well as how they can help protect both it and the environment in their own backyards.

Other information or background:

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Linda Schubert

Title: Discovery Center Manager, Papahanaumokuakea Marine National Monument, NOAA

1a. Intended field Principal Investigator (See instructions for more information):

Linda Schubert

2. Mailing address (street/P.O. box, city, state, country, zip):

[REDACTED]

Phone: [REDACTED]

Fax: [REDACTED]

Email: [REDACTED]

For students, major professor's name, telephone and email address:

3. Affiliation (institution/agency/organization directly related to the proposed project):

Papahanaumokuakea Marine National Monument Staff from both NOAA and USFWS

4. Additional persons to be covered by permit. List all personnel roles and names (if known at time of application) here (e.g. John Doe, Teacher; Jane Doe, Videographer):

Ann Bell, USFWS

13 other individuals, to be decided in March 2009

Section B: Project Information

5a. Project location(s):

<input type="checkbox"/> Nihoa Island	<input type="checkbox"/> Land-based	<u>Ocean Based</u>	
<input type="checkbox"/> Necker Island (Mokumanamana)	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> French Frigate Shoals	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Gardner Pinnacles	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Maro Reef			
<input type="checkbox"/> Laysan Island	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Lisianski Island, Neva Shoal	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Pearl and Hermes Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input checked="" type="checkbox"/> Midway Atoll	<input checked="" type="checkbox"/> Land-based	<input checked="" type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Kure Atoll	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input type="checkbox"/> Other			

NOTE: There is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

All of Midway Atoll National Wildlife Refuge
 Lat/Long Degree: 28 deg 13'N - 177 deg 22'W
 Depth: Out to 12 nautical mile limit (Refuge boundary)
 Habitat: All islands, waters and reefs within this limit

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving Monument resource
- Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- Anchoring a vessel
- Deserting a vessel aground, at anchor, or adrift
- Discharging or depositing any material or matter into the Monument
- Touching coral, living or dead
- Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument
- Attracting any living Monument resource
- Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- Subsistence fishing (State waters only)
- Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6 Purpose/Need/Scope *State purpose of proposed activities:*

Papahānaumokuākea Alaka'i 'Ahahu'i (PA'A) is a 10-day experiential leadership program (PA'A) that bridges together teachers, business people, policy-makers as well as potential community leaders interested in learning and being inspired by science and traditional knowledge management practices. It is being sponsored by staff of Papahānaumokuākea Marine National Monument (Monument). This workshop will bring together a broad range of interests and knowledge to ultimately inspire active stewardship of natural and cultural resources by participants within their home communities. Alaka'i is Hawaiian for ambassador or leader. 'Ahahu'i refers to society, club or association. The Hawaiian word /acronym PA'A means steadfast, learned, determined, strong, to hold, keep, retain.

The Monument co-trustee agencies (U. S. Fish and Wildlife Service, National Oceanic and Atmospheric Administration and the State of Hawai'i) will select a group of up to 12 people to participate. The first three days will be spent on O'ahu in Hawai'i preparing, learning natural and cultural history, practicing with available technology and getting to know the other participants. The remaining seven days will be spent on remote Midway Atoll located 1,250 miles northwest of Honolulu within the Monument. On the atoll participants will be surrounded by millions of nesting seabirds on small islets surrounded by an incredible assemblage of marine wildlife. In this living laboratory participants will be immersed in a variety of activities using traditional knowledge, science methodology, island conservation and resource management practices while building upon their plans to navigate change back home.

The work participants will be involved in on Midway is pending upon what management activities are currently taking place at the time and will more than likely include invasive species eradication, out-planting native plants, and setting up marine transects to assess the underwater world. Participants will also have the opportunity to analyze and then strategize what day to day living practices would lighten your human imprint on such a remote and fragile place. Implementing this program as green friendly as possible will help us assess our own impacts back home.

This once in a lifetime experience will inspire and help participants carry out their stewardship/action plans. It will also help them articulate how their own community is connected to the Monument and demonstrate ways to help ensure the protection of the Monument in perpetuity.

7. Answer the Findings below by providing information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Monument:

The Findings are as follows:

a. How can the activity be conducted with adequate safeguards for the cultural, natural and historic resources and ecological integrity of the Monument?

The PAA program was created with the guidance of Mahina Duarte of NOAA, and Herb Lee of the Pacific American Foundation, who instilled Hawaiian cultural values throughout the program. Those values are now embedded in the program, and with their assistance to continue to guide the program, the inclusion of participants who also have a strong sense of Hawaiian cultural values, as well as having an Hawaiian cultural practitioner as one of the leaders of the program on Midway, we strive to be respectful of all of the resources of the Monument and the Hawaiian culture.

Participants in the PAA program will have a three day orientation on Oahu about the Monument before they set foot on the island. They will be introduced to the natural and human history in the Monument, conduct water safety evaluations and learn Hawaiian protocols and cultural practices. Emphasis will be placed on leaving as small of an impact as possible on the area and appropriate conduct including not touching corals or intentionally attracting any Monument living resources, etc. In addition, all activities will be conducted with adequate safeguards and educators will be with either FWS or NOAA staff.

b. How will the activity be conducted in a manner compatible with the management direction of this proclamation, considering the extent to which the conduct of the activity may diminish or enhance Monument cultural, natural and historic resources, qualities, and ecological integrity, any indirect, secondary, or cumulative effects of the activity, and the duration of such effects? This activity is compatible with the management direction as it will produce tools for educating the public about the Monument through talks, lessons, and stewardship efforts that will be used throughout the state of Hawaii as well as to a much broader audience across the United States. These products and programs will also be used by the Monument to help further understanding of the delicate ecosystems of the NWHI and the need to protect them.

c. Is there a practicable alternative to conducting the activity within the Monument? If not, explain why your activities must be conducted in the Monument. There is no other practical alternative for this program. To truly become ambassadors for the Monument, participants need to be immersed in a truly wild and abundant ecosystem that cannot be simulated. By gaining this experience and having an intimate understanding of the Monument, they will be able to share the essence of the place in a more passionate and personal way than they could otherwise, and so greatly benefit the communities that they will then be working with to better understand the Monument's resources and how to protect it into the future.

d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity? By allowing this small group of people positioned to influence and inform communities access to experience the Monument first hand, we will, in turn, be influencing hundreds of others. Their first hand experiences will help them be ambassadors for the Monument, carrying our messages to a far wider audience and in deeper ways than we could ourselves.

e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose.

The activity within the Monument will only be long enough for educators and community leaders to fully understand how they are connected to the Monument, and have a better grasp of how to help their communities understand and care for its resources. Most of the fine tuning of their stewardship plans will take place outside the Monument.

f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.

Linda Schubert is the Mokupapapa Discovery Center Manager about the Monument and has worked in numerous museums and aquariums creating programs for both schools and the general public since 1989. Her experiences include coordinating a trip for twenty teachers to the Peruvian Amazon and the creation of over a dozen science based curriculums. She was also one of the leaders who created and coordinated this program in 2008.

g. Provide information demonstrating that you have adequate financial resources available to conduct and complete the activity and mitigate any potential impacts resulting from its conduct. As this a Monument supported activity, resources are available to complete this activity contingent on budget approval.

h. Explain how your methods and procedures are appropriate to achieve the proposed activity's goals in relation to their impacts to Monument cultural, natural and historic resources, qualities, and ecological integrity.

The methods and procedures have been closely coordinated with Monument staff in order to produce a program that will share the cultural, natural and historic resources, qualities and ecological integrity with participants of this program. Monument staff will continue to work with participants to ensure that these qualities are also shared with the communities of participants.

i. Has your vessel has been outfitted with a mobile transceiver unit approved by OLE and complies with the requirements of Presidential Proclamation 8031?

This activity will not take place on a vessel.

j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate.

There are no factors making this activity inappropriate.

8. Procedures/Methods:

We will follow established rules, adhere to closed area signs and try to have as little of an impact as possible on the island. While on Sand island we will either walk or bike to most of the areas on the island. If boat and staff are available and conditions permit, we will go to Eastern Island and snorkeling sites within the Atoll. We will not be collecting samples.

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a

customized application will be needed. For more information, contact the Monument office on the first page of this application.

9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

N/A

Common name:

Scientific name:

& size of specimens:

Collection location:

Whole Organism Partial Organism

9b. What will be done with the specimens after the project has ended?

N/A

9c. Will the organisms be kept alive after collection? Yes No

N/A

• Specific site/location:

• Is it an open or closed system? Open Closed

• Is there an outfall? Yes No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

10. If applicable, how will the collected samples be transported out of the Monument?

N/A

11. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, describe:

N/A

12. If applicable, describe how you are collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

This activity is being conducted and coordinated by the co-trustees of the Monument, and it is by this joint effort that we hope to not only have the largest impact, but also avoid duplicative activities.

13. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

October/November 2009 - Meeting of participants – Final stewardship/action plans & evaluation plan submitted

January 2010 - Assist with nominations of next years' participants

June 2010 - Stewardship/action plans & evaluation component completed and presented to next years' participants

In addition, each participant is asked to do the following within one year of participating:

- Submit 3 journal entries with digital photographs during your experience on Midway.
- Submit all photos and video collected during your trip to the Monument, edited, with key words, and titles.
- Provide copies of any derived materials – PowerPoints, movies, slideshows, PodCasts, etc to the Monument to use at their discretion.
- Either be willing to be interviewed by media coordinated by the Monument or seek out media opportunities regarding your expedition in your home communities.
- Give three community or professional presentations on your experience (within your community or elsewhere). And provide number of attendees and any feedback to the coordinators.
- Participate in online collaboration with previous participants to share what you have done with your experience, and possibly participate in annual re-unions.

14. List all specialized gear and materials to be used in this activity:

If possible, we will use:

Teleconferencing equipment
High quality audio and digital recording devices,
Noise cancellation headphones
Radios or walkie talkies
GPS units
External hard drive, multi-card reader

Binoculars, spotting scopes
DVD burner
Green laser pointer (star gazing)
Dissecting scope
High powered telescope

15. List all Hazardous Materials you propose to take to and use within the Monument:

N/A

16. Describe any fixed installations and instrumentation proposed to be set in the Monument:

N/A

17. List all Applicants' publications/references directly related to the proposed project:

None

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct. I agree that the Co-Trustees may post this application in its entirety on the Internet. I understand that the Co-Trustees will consider deleting all information that I have identified as “confidential” prior to posting the application.

Signature

Date

**SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE
BELOW:**

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- Applicant CV/Resume/Biography
- Intended field Principal Investigator CV/Resume/Biography
- Electronic and Hard Copy of Application with Signature
- Statement of information you wish to be kept confidential
- Material Safety Data Sheets for Hazardous Materials