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SANTA BARBARA • SANTA CRUZ

SCHOOL OF VETERINARY MEDICINE  
WILDLIFE HEALTH CENTER  
UNIVERSITY OF CALIFORNIA  
(530) 752-4167  
FAX (530) 752-3318  
<http://www.vetmed.ucdavis.edu/whc>

ONE SHIELDS AVENUE  
DAVIS, CALIFORNIA 95616-8734

October 12, 2007

TO: Federal, State and Provincial Natural Resource Trustee Agencies  
Marine Conservation Organizations  
Members of Marine Industry  
Tribes and First Nations  
University Marine and Wildlife Programs  
Wildlife Research Institutes and Organizations

RE: Annual **Call for Proposals** in the area of **Pacific Marine Wildlife and Ecosystem Health** supported by the SeaDoc Society, Wildlife Health Center, School of Veterinary Medicine, University of California, Davis. Proposals are due **no later than 5:00 pm November 9, 2007** (this is not a postmark deadline).

The mission of the SeaDoc Society is to ensure the health of marine wildlife and their ecosystems through science and education. The program scope encompasses the health of all marine vertebrates and the biotic and abiotic environments upon which they depend for survival. The program focuses on the North American Pacific, with present emphasis given to issues facing the inland marine waters of Washington State and British Columbia (Puget Sound/Northwest Straits/Georgia Basin). All SeaDoc Society-funded projects, regardless of where they are conducted, must have implications for understanding or enhancing the health of this region and its wildlife. The SeaDoc Society provides objective science on issues concerning wildlife and ecosystem health in an effort to inform and guide effective policy and management. The SeaDoc Society does not take policy positions nor does it serve in an advocacy role.

Parties interested in seeking funding from the SeaDoc Society should follow the proposal guidelines and format instructions (posted at [www.seadocsociety.org](http://www.seadocsociety.org)). One original hard copy of the proposal and 10 photocopies (11 copies total) as well as an electronic copy (CD) must be received no later than **5:00 pm (PST) November 9, 2007** (this is not a postmark deadline). Please follow proposal/project guidelines and proposal format. Late proposals, or proposals not adhering to this format, will not be reviewed. Proposals will be reviewed by the SeaDoc Society Science Advisors, which is comprised of scientists from academia, natural resource trustee agencies, and non-governmental marine-focused organizations. The Science Advisors will recommend meritorious proposals to the SeaDoc Society Board of Directors, which will select and announce awards by **January 15, 2008**.

Requests are limited to **\$35,000 / year**, which can be spent over one to two years. The SeaDoc Society anticipates awarding one grant for each of the two specific projects called out.

## Project Topics

Over 63 species of marine wildlife in the Puget Sound Georgia Basin region are declining significantly enough to warrant their listing as threatened or endangered or as candidates for listing by one or more governmental jurisdictions. When multiple species from similar taxa are in decline, there is the possibility that similar underlying mechanisms could be responsible for declines in more than one species. Additionally as multiple species decline, interactions between several species in decline (predator prey, ecosystem engineers, etc.) can play a profound role in the decline or recovery of certain species. This year the SeaDoc Society requests proposals for **two specific projects** that scientifically address the health, recovery, and sustainability of declining marine wildlife populations in the Puget Sound Georgia Basin region. Specifically, we request proposals that address:

1. The efficacy of aggregation as an in-situ restoration technique for the recovery of Northern abalone (*Haliotis kamtschatkana*) in the Puget Sound Georgia Basin
2. The potential relationship between Minke Whale (*Balaenoptera acutorostrata*) population declines in the Puget Sound Georgia Basin the availability of forage fish prey

For a detailed description of grant guidelines, proposal format, and the review process see [www.seadocsociety.org](http://www.seadocsociety.org). If you have questions, call Lavonne Hull at (530) 752-3854.

**\*\*Please pass this RFP on to colleagues\*\***

Sincerely,

Joseph K. Gaydos  
SeaDoc Society Regional Director and Lead Scientist



**UC DAVIS WILDLIFE HEALTH CENTER**  
**SeaDoc Society**

**GUIDELINES for 2007 GRANT PROPOSALS**  
**October 2007**

These guidelines are to be used in preparing a proposal and should not be included as part of the submitted proposal.

**ELIGIBILITY:** Senior scientists from college/university biology, marine, wildlife and toxicology programs; federal, state and provincial natural resource trustee agencies; Tribes and First Nations, wildlife research institutes; marine conservation organizations; and commercial fisheries and maritime groups. Individuals not formally affiliated with an organization, agency, institute, First Nation, or industry group are not eligible. Individuals who have without-salary appointments at an institution or organization must submit proof of the appointment with their proposal.

**PRINCIPAL INVESTIGATOR:** All university and college faculty; officers or principal scientists at natural resource trustee agencies, Tribes or First Nations; directors, investigators and senior staff persons at wildlife research institutes, marine conservation organizations, and commercial fisheries or maritime groups.

**SUBMISSION DEADLINE:** Submit 11 hard copies of your proposal (1 original and 10 copies) and one electronic copy (on CD in MS Word format) of your proposal to

Ms. Lavonne Hull  
The SeaDoc Society  
UC Davis Wildlife Health Center  
1 Shields Ave.  
Davis, CA 95616  
(530) 752-4167

Do not alter the proposal format. Proposals which do not follow these guidelines will be returned without review. Proposals must be received **no later than 5:00 pm November 9, 2007** (this is not a postmark deadline; they must arrive by 5 PM).

**FOCUS OF GRANTS:** The mission of the SeaDoc Society is to ensure the health of marine wildlife and their ecosystems through science and education. The program scope encompasses the health of all marine vertebrates and the biotic and abiotic environments upon which they depend for survival. The program focuses on the North American Pacific, with emphasis at present given to issues facing the inland marine waters of Washington State and British Columbia (Puget Sound/Northwest Straits/Georgia Basin). All SeaDoc Society-funded projects, regardless of where they are conducted, must have implications for understanding or enhancing the health of this region and its wildlife. The SeaDoc Society provides objective science on issues concerning wildlife and ecosystem health in an effort to inform and guide effective policy and management. The SeaDoc Society does not take policy positions nor does it serve in an advocacy role. The SeaDoc Society requests proposals for projects that scientifically address the health, recovery, and sustainability of declining marine wildlife populations (vertebrates and invertebrates) in the Puget Sound Georgia Basin region. We are **specifically interested in proposals that address one of two specific priorities:**

1. The efficacy of aggregation as an in-situ restoration technique for the recovery of Northern abalone (*Haliotis kamtschatkana*) in the Puget Sound Georgia Basin.
2. The potential relationship between Minke Whale (*Balaenoptera acutorostrata*) population declines in the Puget Sound Georgia Basin the availability of forage fish prey.

**DURATION OF FUNDING:** Funding is available for work performed from January 15, 2008 to December 31, 2009.

**FUNDING MECHANISM:** **Funds will be reimbursed in arrears upon receipt of invoice.** Spending authority on the grant starts as soon as a Research Agreement between UC Davis and the grant recipients' home institution is signed by all parties. Drafting the Research Agreement is done by UC Davis and is forwarded to a grant recipients' home institution. The Principal Investigator and his/her academic department or institution assumes full financial responsibility for conduct of the grant. Expenditures in excess of the amount of the award will not be covered by the SeaDoc Society. Final payment will be delayed until receipt of an accepted final report.

**EVALUATION PROCESS:** Proposals adhering to these guidelines are reviewed by the SeaDoc Society Science Advisors, which is comprised of scientists from diverse disciplines representing academia, governmental agencies and the non-governmental sector (see <http://www.seadocsociety.org>). Each proposal is evaluated in detail by Science Advisors and by one external reviewer (usually selected from those suggested by the Principal Investigator). Each proposal is ranked according to

the following criteria: scientific merit; achievability (staff expertise and project feasibility); potential of project to inform management and conservation efforts aimed at insuring marine wildlife and ecosystem health; and grantsmanship (how well the proposal is written). Numerical scores are tabulated. A meeting of the Science Advisors is then convened, and the numerical scores are used as a point of reference for discussion of each proposal by the entire committee. **In the event that a SeaDoc Science Advisor is a principal investigator, co-investigator, or collaborator, he/she is excused from the room during discussion and review of his/her proposal.** The external reviewers' comments on each proposal are shared with the Science Advisors at this time. Each non-collaborating SAC member then votes as to whether the proposal is of high, medium or low priority for funding. The Science Advisor's prioritization of proposals is conveyed to the SeaDoc Society Board of Directors, which is comprised of twelve members representing marine wildlife and ecosystem stakeholder groups (natural resource agencies, non-governmental organizations, Tribes, and concerned citizens). The Board of Directors makes the final decision on proposals to fund, based on thoughtful consideration of the prioritization of proposals by the Science Advisors.

**BUDGET LIMITATIONS:** Proposals should not exceed **\$35,000/year** and funds must be spent over one to two years. Funds **can** be used to pay for the following: laboratory fees; equipment; supplies; travel (for data collection/project implementation only); salary for postdoctoral fellows/graduate students and student and laboratory assistants; animals and animal care.

**Disposition of all nonexpendable equipment (non-disposable supplies that cost over \$5,000) shall rest with the University of California at Davis at the termination of this agreement.** Funds **cannot** be used for office personnel, on-going maintenance and operations, telephone charges, mail expenses and presentation of findings at scientific meetings. Principal Investigators (PI) or technical staff that routinely receive their regular salaries from federal, state (including universities), or endowed sources, may not generally charge their services against SeaDoc Society funds. Exceptions may be allowed for principal investigators or technical staff to charge portions of their salaries when they are not being paid by their institutions (e.g., on a leave of absence or in cases where their position is less than full time or less than 12 months per year). Clear documentation must be provided with the estimated budget for any request for PI or pre-existing technical staff salaries that indicates their eligible status with their employer (on leave, reductions in time base) and the specific tasks that they will perform on the project. Because Provincial, State, and Federal Agencies as well as Tribes have a research and management mandate, the SeaDoc Society will consider demonstration of matching funds advantageous when reviewing these proposals. The SeaDoc Society acquires funding from multiple sources to support its competitive grants program. Some sources may have stated policies regarding payment of indirect costs, which may require the SeaDoc Society to renegotiate indirect costs on recipients' grants after awards are made. **At the maximum, the SeaDoc Society does NOT pay indirect costs in excess of the University of California off-campus overhead rate of 26%.**

**PROGRESS & FINAL REPORTS:** Progress reports will be due September 1, 2008 and should apprise the SeaDoc Society Executive Director of funds expended and work performed to date towards achieving the specific aims of the project. A final report will be due no later than April 1, 2009 or 2010 depending on grant duration. Final reports should include all data and findings. Final payment will be delayed until receipt of an accepted final report

**FUNDING EXTENSION REQUEST:** It is expected that work as outlined in this proposal will be accomplished within the time frame indicated. However, should funding for a project need to be extended, a request for extension of funding may be submitted to the Wildlife Health Center Assistant Director, Marine Programs. This request should present a compelling reason for extension of funding and must be accompanied by a progress report.

**ANIMAL CARE AND USE PROTOCOL:** Any proposal involving the use of live animals under the jurisdiction of the Animal Welfare Act or routinely covered under an institution's Veterinary Care Plan must have the approval of an Institutional Animal Care and Use Committee (IACUC). The SeaDoc Society Science Advisors will attempt to identify an academic cooperator and appropriate IACUC for proposals from groups without an IACUC. Proposals for projects involving the use of animals (clinical or experimental) must submit a copy of an approved animal care and use protocol. In lieu of an approved protocol, one copy of an Animal Care and Use Protocol application should be submitted with the proposal. Funding will not be allocated, and work on the project cannot commence, until the application has been submitted and approved by an Animal Care and Use Committee. Copies of all permits and documentation must be received by the SeaDoc Society before funding will be awarded.

**MISCELLANEOUS PERMITS AND PROTOCOL APPROVALS:** Any permits, licenses or approved protocols must be in place by February 2, 2008 in order for funding to be awarded. This includes all necessary permits from state, federal and provincial natural resource trustee agencies, and approved protocols for the use of radioisotopes, certain chemicals or recombinant DNA technology (required at some universities). The SeaDoc Society will assume that such permits will be obtained and/or maintained by the investigators for use at their facilities. Failure to obtain or maintain such permits will be grounds for denial or revocation of a SeaDoc grant, at the discretion of the Wildlife Health Center Assistant Director, Marine Programs.

**PUBLICATIONS AND PRESENTATIONS:** It is important to the SeaDoc Society that research findings are used to help guide and improve management of living marine resources. Recipients of SeaDoc grants are strongly encouraged to publish their findings in appropriate peer-reviewed journals. Copies of publications resulting all or in part from SeaDoc grants must be sent to the Wildlife Health Center. Submitted manuscripts, manuscripts that are approved for publication and galley proofs may be sent in lieu of a progress or final report, but not in lieu of a copy of the final publication. Publications resulting, all or in part, from SeaDoc Society grants must include the following acknowledgment: *“This project was supported (or supported in part) by the SeaDoc Society through the Wildlife Health Center, School of Veterinary Medicine, University of California, Davis.”* In addition to publishing findings, recipients of grants are strongly encouraged to present their findings to managers, stakeholders, and other scientists who can use the information to improve resource management. As part of the progress and final reports, recipients of SeaDoc Society grants are expected to submit a list of publications and presentations resulting from or expected from the funded research.

***Future funding is contingent upon compliance with these guidelines and timely receipt of progress and final reports.***

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**SUMMARY OF DEADLINES FOR 2007 SEADOC SOCIETYGRANTS**

<b>OCTOBER 12, 2007</b>	REQUEST FOR PROPOSALS DISTRIBUTED
<b>NOVEMBER 9, 2007</b>	FULL PROPOSALS DUE
<b>JANUARY 15, 2008</b>	FUNDS AWARDED
<b>SEPTEMBER 1, 2008</b>	PROGRESS REPORT DUE
<b>DECEMBER 31, 2008/9</b>	AWARD PERIOD ENDS
<b>APRIL 1, 2009/10</b>	FINAL REPORT DUE

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Questions may be directed to:

Dr. Joe Gaydos, SeaDoc Society Scientist and Regional Director, 360-376-3910, [jkgaydos@ucdavis.edu](mailto:jkgaydos@ucdavis.edu)

- or -

Lavonne Hull, SeaDoc Society Administrative Assistant, 530-752-3854, [lwhull@ucdavis.edu](mailto:lwhull@ucdavis.edu)

Proposal guidelines and forms are available for downloading from the SeaDoc Society website:  
<http://www.seadocsociety.org>

**SUBMIT PROPOSALS TO:**

Ms. Lavonne Hull  
The SeaDoc Society  
UC Davis Wildlife Health Center  
1 Shields Ave.  
Davis, CA 95616  
(530) 752-4167

# The SeaDoc Society

## PROPOSAL FORMAT

Use 3/4" margins, and 12-point, single-spaced type. Avoid non-standard abbreviations whenever possible. The principal investigator's last name and page number should be placed in the upper right corner starting from the second page forward. Please organize your proposal as follows:

- 1) TITLE OF PROPOSED PROJECT:** Less than 200 characters, and should clearly describe the project. Please do not use abbreviations.
- 2) NAME(S), AFFILIATION(S) AND CONTACT INFORMATION OF PRINCIPLE INVESTIGATOR, AND CO-INVESTIGATOR(S), AND GRADUATE STUDENT(S)** (if applicable; a co-investigator is an individual who will have substantial involvement in data gathering and data analysis).
- 3) ABSTRACT:** The abstract should serve as a succinct and accurate description of the proposed work when separated from other portions of the proposal. Write in lay terms. Do not exceed 500 words. Clearly state the purpose, aims, and significance of the project. Briefly describe your experimental design or implementation plan.
- 4) BACKGROUND INFORMATION** – Do not exceed 2 pages. In addition to providing essential information that will enable reviewers to understand your project purpose, goals and methodologies, please include data supporting that the species being studied is / are native to the Puget Sound Georgia Basin marine ecosystem and that the population(s) is/are in decline.
- 5) HYPOTHESIS AND SPECIFIC AIMS** – Include explicit hypotheses and specific aims if the project is a scientific investigation, or intended outcomes if project has a conservation or management emphasis. Do not exceed 1 page.
- 6) EXPERIMENTAL or IMPLEMENTATION PLAN FOR EACH SPECIFIC AIM** – Do not exceed 3 pages in total. Be sure to indicate the resources already in place and ready to be used for this project, including facilities and major equipment. Include an explanation of arrangements with other organizations. If wild or captive animals are to be manipulated or handled in an experimental setting, be specific as to the species, housing and care, and include the cover page of an approved or submitted Animal Care and Use protocol for your institution.
- 7) SIGNIFICANCE TO SEADOC SOCIETY PROGRAM PRIORITIES:** Describe how the project pertains to priorities identified in the Call for Proposals. The SeaDoc Society funds projects that will inform and guide management and species recovery. Specifically describe how the proposed project will produce new information needed to better understand factors for species declines or to enact recovery strategies and how results have the potential to produce information that improves management or benefits species recovery in a 3-4 year time frame. If the project is not taking place in the inland waters of Washington State and British Columbia, describe how the project has implications for understanding or improving wildlife and/or ecosystem health in this region. Do not exceed 1 page.
- 8) LITERATURE CITED**
- 9) DETAILED BUDGET AND JUSTIFICATION:** Provide a detailed project budget organized into the following budget categories. Please keep this section to less than 2 pages total
  - i. Personnel:** For the principle investigator, co-investigator, graduate student(s) and/or technicians, list each individual's name, his/her role on project (e.g. PI, Co-I, student), % of his/her 12-month appointment to be spent on the proposed project, his/her annual base salary + benefits, and the total requested \$ amount. For example: if you are requesting 6 months of salary + benefits for a graduate student, you would give his/her name, describe his/her role as "student"; note that he/she will spend 50% of his/her time on the project, and request the equivalent of 6 months salary + benefits for the individual. Be sure to provide clear documentation for requests for PI or pre-existing technical staff salaries that indicates their eligible status with their employer (on leave, reductions in time base) and the specific tasks that they will perform on the project.
  - ii. Travel:** Itemize by trip
  - iii. Equipment:** For purchases of non-disposable supplies that cost  $\geq$  \$5,000 per unit.
  - iv. Supplies:** Itemize by category
  - v. Indirect Costs:** State as both a % rate and a total \$ amount. The SeaDoc Society acquires funding from multiple sources to support its competitive grants program. Some sources may have stated policies regarding payment of indirect costs, which may require the SeaDoc Society to renegotiate indirect costs on recipients' grants after awards are made. The SeaDoc Society

does NOT pay indirect costs in excess of the University of California off-campus overhead rate of 26%. UC Davis submitters should not request indirect costs.

**vi. Matching Funds**

Because Provincial, State, and Federal Agencies as well as Tribes have a research and management mandate, the SeaDoc Society will consider demonstration of matching funds advantageous when reviewing these proposals.

**vii. Total Requested \$ Amount**

For each budget category, provide a succinct justification for expenditures within budget categories that exceed \$1500 (with the exception of personnel), and for other budget items requiring justification, as specified in the Budget Limitations section of the grant guidelines.

If the proposed project will be supplemented by other forms of support, i.e. if the Principle or Co- Investigator(s) has or is applying for other grants that support or will support work relevant to the success of the proposed project, list the titles of these grants, the source of funds, the \$ amount of the grant, and briefly how these funds will support your SeaDoc Society-proposed project.

**10) ABBREVIATED CURRICULUM VITAE OF PRINCIPAL AND CO-INVESTIGATOR(S)** Do not exceed 2 pages each. In reverse chronological order, list post high school education and specialized training, present and past pertinent employment, and publications or related achievements. Limit publication/achievement list to the last 5 years.

**11) EXTERNAL REVIEWERS:** Please list the names, affiliations, current phone numbers, mailing addresses and e-mail addresses for three external reviewers. Reviewers should have expertise in your proposed research area, and should be capable of objectively reviewing your proposal. Please do not submit the names of personal friends, or names of colleagues with whom you are actively collaborating. Proposals not listing external reviewers will not be considered. The Wildlife Health Center reserves the right to assign an external reviewer not named by the PI if none of the listed reviewers are available or appropriate.

**Note: Letters of support and collaboration will be accepted, but must be included with the application and received no later than 5:00 pm. on November 9, 2007.**

**Proposal submission deadline: 5:00 pm (PST) November 9, 2007**