

PHIL AND KAREN C. DRAYER WILDLIFE HEALTH CENTER FELLOWSHIP AWARD APPLICATION GUIDELINES

Application Deadline: Thursday, December 28, 2023 by 4:30 PM

ELIGIBILITY: Students currently enrolled in a UC Davis graduate or research training program (MS, MPVM, PhD, DVM, or Residency) are eligible for this Fellowship Award. All applicants must have a Faculty Sponsor who is affiliated with the WHC and a collaborator on the project (see Faculty Sponsor below). A student is only eligible for receipt of funds through this program once during the course of their degree; the exception is a graduate student who has received previous funding through this program but who is now engaged in a new graduate degree program and pursuing a line of inquiry unrelated to the previously funded research.

FACULTY SPONSOR: All UC Davis faculty, including those with adjunct or WOS (Without Salary) faculty appointments, that are affiliated with the WHC may serve as Faculty Sponsors for a student. A list of active affiliates may be found at whc.vetmed.ucdavis.edu/affiliates. WHC affiliation is simply obtained by emailing a request for affiliation and either a CV or LinkedIn or similar URL to the Director of the Wildlife Health Center (Kirsten Gilardi, kvgilardi@ucdavis.edu).

SUBMISSION INSTRUCTIONS: Submit an electronic copy of the entire application in **both** Word and PDF formats to lbarbosa@ucdavis.edu **by 4:30 pm PST on Thursday, December 28, 2023**.

DURATION OF FUNDING: Funding will be effective March 1, 2024 – February 28, 2025.

FOCUS OF GRANTS: Funding is available for a single year and will support both basic and applied research.

- **Examples of basic research projects are:** investigations on the effects of disease on free-ranging wild animal populations; establishment of normal health parameters for species and populations; examination of the mechanisms of disease for infectious and non-infectious agents in wild animals; or investigation of the effects of ecosystem changes on wildlife health.
- **Examples of applied research are:** investigations into disease prevention or management; experimental studies using model laboratory species for extrapolation to wildlife populations; development of technology that may improve disease monitoring of wildlife populations.
- The WHC fellowship does not encourage proposals focusing exclusively on captive wildlife health, except when such studies have substantial direct impacts on the health or survival of that species (or closely related species) in the wild.
- Students are encouraged to seek Faculty Sponsor involvement in developing project plans, estimating budgets, and writing proposals. Collaborative projects are encouraged, but they must include letters, in PDF format, from collaborating investigators in the Appendix of the proposal.

PUBLICATIONS: Recipients of any grant from the WHC are strongly encouraged to publish their findings in a peer-reviewed journal. All such publications must acknowledge funding provided by the Phil and Karen C. Drayer Wildlife Health Center. A hard copy and an electronic copy of any publications resulting all or in part from WHC grants must be sent to the Wildlife Health Center within 30 days of publication.

ACKNOWLEDGEMENT WORDING: Publications resulting all or in part from WHC grants must include the following acknowledgement:

- This project was supported (or supported in part) by the Karen C. Drayer Wildlife Health Center, School of Veterinary Medicine, University of California, Davis.

FUNDING REQUIREMENTS:

- A Final Report must be submitted no later than **March 31, 2025**. Reports shall include all findings as well as any publications, and ideally should include photographs, graphs, charts, etc. Final Report forms will be provided to those investigators who receive funding.
- Students receiving awards through this program are required to review and evaluate submitted proposals in the year immediately following receipt of their award. Should a student fail to meet this requirement, the Faculty Sponsor will be excluded from consideration for additional awards in subsequent years.
- Recipients of the award will be required to give a presentation on their research at a One Health Institute Annual Meeting.

BUDGET LIMITATIONS: Up to \$5,000 may be requested.

- Funds **can** be used to pay for laboratory fees, supplies, travel (for data collection only), salaries and benefits for graduate students, research animals, animal care (including experimental animal costs), and publication costs. If support is needed for only one item of the total budget (e.g., graduate student salary), evidence for funding of other budget items must be provided in the Appendix. Funding of major pieces of equipment will be considered only if the equipment requested has multiple uses and will be made available to future WHC funded projects. If the requested budget includes laboratory fees, charges for surgical procedures, or any similar items, the rate being quoted must be justified. Only fees and rates comparable to appropriate commercial scales may be submitted.
- Funds **cannot** be used for office personnel salary, faculty salary and benefits, telephone charges, or mail expenses (except shipping samples). There are no overhead charges for proposals that are submitted by, or administered at, the University of California, Davis.
- The Faculty Sponsor and their academic department or unit will assume full financial responsibility for conduct of this grant. **Expenditures in excess of the amount of the award will not be covered.**

ANIMAL CARE AND USE PROTOCOL: Any proposal involving the use of live animals that are under the jurisdiction of the Animal Welfare Act, or that are routinely covered under an institution's Veterinary Care Plan, must have the approval of an Institutional Animal Care and Use Committee (IACUC). **A PDF of approved IACUC forms should be submitted in the Appendix of the proposal and must include the IACUC reference number. A PDF copy of a pending IACUC submission may be accepted if an approval is anticipated prior to the start of the funding window (March 1, 2024).** Funding, if awarded, will not be allocated, and work on the project cannot commence, until the applicant submits proof of approval from the IACUC.

PERMITS: All permits, licenses, and University protocols that are needed for the project must be in place in order for funding to be awarded. Examples of such permits are U.S. Fish and Wildlife Service, National Marine Fisheries Service, and California Department of Fish and Wildlife permits, approved protocols for the use of radioisotopes, certain chemicals or recombinant DNA technology, and permits required to ship samples internationally. Failure

to obtain or maintain such permits will be grounds for denial or revocation of the grant, at the discretion of the WHC Director. **Copies of the approved permits or permit applications must be included in the Appendix of the proposal.**

OTHER REQUIREMENTS: It is expected that the research project will be completed by **February 28, 2025**. To assist project planning and evaluation, a brief time line description of the project *must* be provided in the Appendix. A concise description of the contribution that the grant will make towards a graduate student’s advanced degree *must* also be included in the Appendix.

FUNDING EXTENSION REQUEST: It is expected that work outlined in this proposal will be accomplished within the time frame indicated. Should a project need to be extended beyond **February 28, 2025**, a written request for extension of funding must be submitted to Katie Leasure and Lorraine Barbosa (via e-mail) by **January 31, 2025**. **A progress report will be required at the time of the extension request**, and the final report will be required upon completion of the project.

GRANT EVALUATION PROCESS: Do not alter the application format. **Fellowship Award applications that are incomplete or that do not conform to the recommended format will be returned without evaluation.** Applications are reviewed by a scientific review committee, which will be composed of student recipients of awards from the previous year(s) and overseen by the grant administrator. Proposals will be judged on scientific merit and quality, significance to wildlife health, ability of investigators to perform work, and the contribution that the grant will make towards the student’s advanced degree.

PHIL AND KAREN C. DRAYER WHC FELLOWSHIP AWARD DEADLINES

DECEMBER 28, 2023	APPLICATION SUBMISSION DEADLINE
FEBRUARY 19, 2024	AWARD NOTIFICATION
MARCH 1, 2024	BEGINNING OF FUNDING WINDOW
FEBRUARY 28, 2025	WORK COMPLETED & CLOSE OF FUNDING WINDOW
MARCH 31, 2025	FINAL REPORT DUE

Questions may be directed to Katie Leasure (kaleasure@ucdavis.edu) at the Karen C. Drayer Wildlife Health Center, (530) 752-7526, or Lorraine Barbosa (lbarbosa@ucdavis.edu).

APPLICATION FORMAT: Applications must be submitted using the format listed here. For the body of the proposal, use 12-point type and one inch margins on all sides. For clarity, avoid abbreviations and acronyms whenever possible. If abbreviations are necessary, please use standard abbreviations used in scientific journals. All pages after the cover (signature) page must be numbered, with the number in the lower right corner. The cover page (un-numbered) is page 1 and the abstract will start page 2. The student’s last name must be placed in the upper right corner (header) of all pages after the cover page.

1) SIGNATURE PAGE: Use the provided Signature page (below). A copy of this form must be submitted electronically with the remainder of the application.

2) ABSTRACT: *Do not exceed ½ page.* State the objectives and specific aims, and describe the methodology used to achieve these goals. Avoid the use of the first person and avoid summarizing past accomplishments.

3) BACKGROUND INFORMATION: *Do not exceed 1 page.* A list of references must be included in the Appendix section.

4) HYPOTHESES AND SPECIFIC AIMS: *Do not exceed ½ page.*

5) EXPERIMENTAL PLAN FOR EACH SPECIFIC AIM: *Do not exceed 2 pages in total.*

6) SIGNIFICANCE TO WILDLIFE HEALTH: *Do not exceed ½ page.*

7) BUDGET: Use the provided Budget form (below). Also provide a detailed but succinct justification of equipment needs and identify any other sources of student and project support in the Appendix section.

8) APPENDICES:

- a) Literature cited
- b) Project time line (in table or figure format)
- c) Brief description of the grant's contribution towards the student's degree. *Do not exceed ½ page.*
- d) Budgetary justification/description of equipment
- e) Description of additional funds/sources of support relevant to the specific aims, if applicable
- f) Letters from all collaborating investigators
- g) Approved or submitted IACUC, if applicable
- h) Approved or submitted permits, if applicable

The Appendices can also be used to provide references to other sources of information that can be accessed by reviewers to support the application.

**PHIL AND KAREN C. DRAYER WILDLIFE HEALTH CENTER FELLOWSHIP AWARD
BUDGET**

Karen C. Drayer Wildlife Health Center From: 1 March 2024

Through: 28 February 2025

PERSONNEL		TYPE APPT (mths)	EXPECTED HOURS SPENT ON PROJECT	BASE SALARY	DOLLAR AMOUNT REQUESTED (Omit cents)		
NAME	ROLE ON PROJECT				SALARY REQUESTED	FRINGE BENEFITS	TOTALS
SUB TOTALS							
EQUIPMENT: Provide justification in Appendix.							
SUPPLIES (Itemize by category)							
TRAVEL (Itemize by trip)							
OTHER EXPENSES (Itemize by category)							
TOTAL REQUESTED							