



DEPARTMENT OF WILDLIFE, FISH, & CONSERVATION BIOLOGY
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ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8571

April 15, 2016

UCD Graduate Students

Re: Application for Teaching Assistant/Reader Positions
Academic Year 2016-2017
Department of Wildlife, Fish, & Conservation Biology

Dear Applicant,

Attached you'll find an application for teaching assistant and reader positions in the Department of Wildlife, Fish, & Conservation Biology. A list of proposed courses for academic year 2016-2017 is included; however, actual positions may vary. Courses receive TA or reader support based on enrollment and availability of funding.

We recommend that you provide copies of transcripts. Optional items you may submit are: (1) summaries of student evaluations from at least one previous teaching assistantship; (2) optional letters of recommendation. Please review your application for completeness and accuracy.

Although applications are accepted throughout the year, for first consideration, applications should be submitted by May 15, 2016, to TA Application, Wildlife, Fish, & Conservation Biology, University of California, Davis, California 95616 or via fax 530-752-4154; or email to dchuddlestun@ucdavis.edu.

For further information, please call 530-754-9796. Thank you for your interest in our teaching assistant/reader program.

John M. Eadie

Wildlife, Fish, & Conservation Biology
Department Chair

Wildlife, Fish, & Conservation Biology
TA Supported Courses
2016-2017

WFC 10 – Wildlife Ecology and Conservation. (F&S) Introduction to the ecology and conservation of vertebrates. Complexity and severity of world problems in conserving biological diversity.

WFC 50 – Natural History of California's Wild Vertebrates. (F&S) Examination of the natural history of CA's wild vertebrates, including their biogeography, systematics, ecology, and conservation status.

WFC 51 – Introduction to Conservation Biology. (S) Introduction to conservation biology and background to the biological issues and controversies surrounding loss of species and habitats for students with no background in biological sciences. Offered in alternate years.

WFC 100 – Field Methods in Wildlife, Fish, and Conservation Biology. (S) Introduction to field methods for monitoring and studying wild vertebrates and their habitats, with an emphasis on ecology and conservation. Required weekend field trips.

WFC 101/101L – Field Research in Wildlife Ecology. (F) Field research in ecology of wild vertebrates in terrestrial environments; testing ecological hypotheses through field research, application of research methodology, supervised independent research projects. Lab portion held between Labor Day and fall quarter. Offered in alternate years.

WFC 110L – Laboratory in Biology and Conservation of Wild Mammals. (S) Laboratory exercises in the morphology, systematics, species identification, anatomy, and adaptations of wild mammals to different habitats.

WFC 111L – Laboratory in Biology and Conservation of Wild Birds. (F) Laboratory exercises in bird species identification, anatomy, molts, age and sex, specialized adaptations, behavior, research, with emphasis on conservation of wild birds

WFC 120/120L – Biology and Conservation of Fishes. (F) Evolution, ecology, and conservation of marine and freshwater fishes. Lab portion teaches morphology, taxonomy, conservation, and identification of marine and freshwater fishes with emphasis on California species.

WFC 122 – Population Dynamics and Estimation. (S) Description of bird, mammal and fish population dynamics, modeling philosophy, techniques for estimation of animal abundance (e.g., mark-recapture, change-in-ratio, etc.), mathematical models of populations (e.g., Leslie matrix, logistic, dynamic pool, stock recruitment); case histories.

WFC 130 – Physiological Ecology of Wildlife (W) Principles of physiological ecology, emphasizing vertebrates. Ecological, evolutionary, and behavioral perspectives on physiological mechanisms used by animals to adapt to their environment, in the context of climate-change and other threats to biodiversity. Tropical, temperate, and polar ecosystems are highlighted.

WFC 151 – Wildlife Ecology. (F) Ecology of wild vertebrates, including habitat selection, spatial organization, demography, population growth and regulation, competition, predation,

and community dynamics, set in the context of human-caused degradation of environments in North America.

WFC 154 – Conservation Biology. (F) Introduction to conservation biology and the biological issues and controversies surrounding the loss of species and habitats.

WFC 155 – Habitat Conservation and Restoration. (W) Analysis of the characteristics of wildlife and fish habitats, the conservation of habitats, and restoration.

Updated 04-15-2016

Describe why you are particularly well qualified to teach or read for each of the courses you've identified in this application; you may combine courses with similar requirements. **BE SPECIFIC**. Please include relevant course preparation, field experience, or prior teaching qualifications. Attach additional pages, as needed.

Signature of Applicant _____

Date _____

The University of California, Davis, and the Wildlife, Fish, & Conservation Biology Department are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

Inquiries regarding the University's equal employment opportunity policies may be directed to: Provost and Executive Vice Chancellor and Affirmative Action Officer, Office of the Chancellor, 5th Floor Mrak Hall, (530) 752-2065 or FAX (530) 752-2400. Speech or hearing impaired persons may dial (530) 752-7320 (TDD).