UNIVERSITY OF CALIFORNIA, DAVIS

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

March 28, 2018

UCD Graduate Students

Re: Application for Teaching Assistant/Reader Positions
Academic Year 2018-2019
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 2018-2019 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 June 30, 2018, 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.

In order to be eligible for a teaching assistant/reader position, you must attend the UC Davis Fall 2018 TA Orientation on either Monday, September 24th or Tuesday, September 25th, 2018. This is the only TA orientation offered during the 2018-19 academic year.

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

Nann A. Fangue

Wildlife, Fish, & Conservation Biology
Department Chair

Wildlife, Fish, & Conservation Biology
TA Supported Courses
2018-2019

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 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 103- Wildlifer's Quantitative Toolkit. (W) Fish and wildlife science relies on our ability to enumerate things (animals, habitat, etc.) and explain patterns in those numbers. These patterns help us understand how organisms react to their environment. This course introduces principles of developing research projects, basic probability theory, and statistical estimation and mathematical modeling, in the context of fish and wildlife research. It fosters an understanding of the quantitative nature of this area of research.

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 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 134/134L- Herpetology Laboratory. (W) Evolution and Ecology 101 or Environmental Science and Policy 100 or equivalent upper division course recommended; course 134 concurrently; consent of instructor. Diagnostic characteristics and functional attributes of

amphibians and reptiles, emphasizing ecological, bio-geographic and phylogenetic patterns. Field experience with common species of reptiles and amphibians in the Davis area.

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 152 - Ecology of Human-Wildlife Conflicts. (W) Ecological approaches to managing wild vertebrates that come into conflict with agriculture, public health, or the conservation of biodiversity.

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

WFC 168- Climate Change Ecology. (W) Ecological responses of individuals, populations, and communities to environmental variation, with emphasis on climate change.

WFC TBD- Sampling Animal Populations. (S) Understanding species distribution, habitat use, population size and dynamics is key to wildlife ecology, management and conservation. Learn about state-of-the-art statistical methods to estimate these and other important parameters from typical field survey data, while getting hands-on experience in R.

Wildlife, Fish, & Conservation Biology
Teaching Assistant and Reader Application

Academic Year 2018-2019

Name: _____ ___ Current Full-Time Registered Grad Student
___ Entering Fall 2018

Home Address: _____

Telephone:_____ Home Department: _____

Email: _____ Graduate Program: _____

Student ID#: _____ Major Professor: _____

____ I plan to attend TA orientation on either September 24th or September 25th, 2018.
____ I have previously completed TA orientation.

List course numbers for which you are qualified and seek appointment, in order of personal priority. Justify each of your choices on the next page.

COURSE and AVAILABILITY

Fall 2018:

Winter 2019:

Spring 2019:

SUMMARY OF ALL TEACHING EXPERIENCE, INCLUDING UCD. Indicate TA or Reader.

Institution	Course	Quarter/Year	Instructor

GPA (minimum 3.00 required; specify institution if other than UCD): UG _____ G _____

List of attachments recommended: (IT IS THE STUDENT'S RESPONSIBILITY TO COMPLETE THIS FILE.)

___ Graduate and undergraduate transcripts, if available.
___ Summaries of evaluations from previous teaching experience, as available.
___ Current letters of recommendation, optional.

NOTE: New students need not submit letters of recommendation or transcripts separately from those originally submitted with their application materials. Submit your file to Danielle Huddlestun, Department of Wildlife, Fish, & Conservation Biology, University of California, Davis, CA 95616 or dchuddlestun@ucdavis.edu.

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).