

# Herpetology Technician Edwards Air Force Base, California



## POSITION

A Herpetology Technician position is available with CEMML. This is a temporary, 40-hours/week (9-month) appointment located at Edwards Air Force Base (EAFB), California. A herpetology technician (hereafter technician) with experience handling and trapping wildlife, is needed to conduct surveys for amphibian and reptile species present on EAFB lands.

Military affiliation is **not** required to apply for this position.

## ORGANIZATION

### CEMML

CEMML is a research, education, and service unit within the Warner College of Natural Resources at CSU. CEMML applies the latest and most appropriate science to promote the sustainable management of natural and cultural resources on Department of Defense (DoD) and other public lands. We provide technical support, conduct applied research, and offer career development and learning opportunities to support resource stewardship. We collaborate with our sponsors and other CSU departments to resolve complex environmental issues, leaving a legacy of science-based decisions that sustain our resources for future generations.

To learn more about CEMML's contributions to land management, our mission, vision, and values, please visit <http://www.cemml.colostate.edu/>.

### Position Duty Station: Edwards Air Force Base, California

EAFB is a 308,000-acre United States military installation found in Antelope Valley, California. The primary mission at EAFB is to research, develop, and test advanced manned and unmanned aircraft. This mission is supported by the NASA/Armstrong Flight Research Center, the Air Force Laboratory, and the Air Force Test Center, which are all stationed at the installation. The EAFB Environmental Office is tasked with supporting the testing mission by maintaining access to the air, land, and water that is found on the installation, while also ensuring compliance with all applicable laws and regulations. They are also responsible for protecting and preserving the unique Mojave ecosystem found throughout EAFB, with key areas of focus including wildlife monitoring and management, hazardous materials management, and water conservation.

To learn more about EAFB and its mission, visit <https://www.edwards.af.mil/>

## RESPONSIBILITIES

The technician will assist with surveying terrestrial wildlife including: (1) visual encounter surveys; (2) mark-recapture surveys using pitfall traps and drift fencing; (3) opportunistic sampling on roads, particularly at night; and (4) acoustic surveys at wetland and pond complexes. The technician will identify all species of reptiles and amphibians observed or captured and collect information on life stage, size, weight, sex, reproductive status, and habitat characteristics. Animals will be captured using appropriate safety measures and tools to minimize distress for the animals and risk for researchers (i.e., lizard lassos, snake tongs and hooks); all animals will be released at the capture site. For wetland and pond complexes, search methods

will also include seining and dip-netting during the day to sample larval life stages and acoustic surveys after sunset to monitor breeding activity. Acoustic survey data will follow formats established by the North American Amphibian Monitoring Program Protocol (U.S. Geological Survey). A representative subset of individuals (amphibians and reptiles only) will be euthanized and prepared as voucher specimens with a genomic-quality tissue sample. These specimens and associated data will be maintained in perpetuity in the Herpetology Collection of the California Academy of Sciences.

The technician will perform data entry tasks as needed and proof data for completeness. All methods of capture, non-lethal tissue sampling, and euthanasia will (1) meet the guidelines outlined by the American Society of Ichthyologists and Herpetologists, and (2) be approved by the CSU Institutional Animal Care and Use Committee.

## **MINIMUM QUALIFICATIONS**

- A Bachelor's degree in wildlife biology, natural resources management, ecology, or similar field of study
- Previous experience handling and trapping wildlife
- Previous experience conducting wildlife monitoring and/or research activities
- Strong attention to detail as it pertains to data collection and entry
- Proficiency in Microsoft Office Word, Excel, and PowerPoint, and ability to communicate effectively in English, both orally and in writing
- Must be able to walk for long periods of time in inclement weather and under strenuous and uncomfortable environmental conditions while carrying heavy equipment
- Must be able to comply with all applicable regulations and pass a federal background check to obtain a Common Access Card (CAC)
- Must have a valid driver's license
- Must demonstrate U.S. employment eligibility; CEMML will not provide visa sponsorship for this position

## **DESIRABLE QUALIFICATIONS**

- At least one year of experience identifying California amphibians and reptiles in a field setting
- Experience working with venomous snakes
- Previous experience preparing voucher specimens of amphibians and reptiles
- Previous experience working on military installations

## **PAY RATE**

The pay rate is \$22/hour. The position duration is for 9 months with the potential to compete for future permanent positions stationed at Edwards AFB.

## **EMPLOYEE BENEFITS**

Employee Benefit information for hourly employees can be found on HR's website, <https://hr.colostate.edu/wp-content/uploads/sites/25/2021/02/benefits-summary-hourly.pdf> and <https://hr.colostate.edu/current-employees/benefits/>

## **APPLICATION**

Email each of the items listed below individually as a Word Document (.doc) or PDF (.pdf) to [jennie.anderson@colostate.edu](mailto:jennie.anderson@colostate.edu) and be sure to put "Herpetology Technician-Edwards AFB" in the subject line. Applications will be accepted until 5 February 2023. Please note that incomplete applications cannot be

considered. Please remove social security numbers and birthdates from application materials. A complete application consists of the following items.

- 1) Statement of Qualifications (a letter addressing each qualification described in the announcement) AND a cover letter.
- 2) Resume
- 3) Three references (contact information for professional references, including at least one supervisor; references will not be contacted without prior notification of candidates)

## **BACKGROUND CHECK**

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search, and motor vehicle history.

Beginning Monday, August 16, 2021, CSU has mandated vaccinations against COVID-19. Faculty and staff are required to submit their vaccine status or declare an exemption. More information about the vaccination mandate can be found on the CSU COVID-19 Information & Resources website, <https://covid.colostate.edu/>.

Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, creed, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity/expression, or pregnancy in its employment, programs, services and activities, and admissions, and, in certain circumstances, marriage to a co-worker. The University will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. Colorado State University is an equal opportunity and equal access institution and affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.

The Title IX Coordinator is the Director of the Office of Title IX Programs and Gender Equity, 123 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-1715, [titleix@colostate.edu](mailto:titleix@colostate.edu).

The Section 504 and ADA Coordinator is the Director of the Office of Equal Opportunity, 101 Student Services Building, Fort Collins, CO 80523-0160, (970) 491-5836, [oeo@colostate.edu](mailto:oeo@colostate.edu).

The Coordinator for any other forms of misconduct prohibited by the University's Policy on Discrimination and Harassment is the Vice President for Equity, Equal Opportunity and Title IX, 101 Student Services Building, Fort Collins, CO. 80523-0160, (970) 491-5836, [oeo@colostate.edu](mailto:oeo@colostate.edu).

Any person may report sex discrimination under Title IX to the Office of Civil Rights, Department of Education.