

# NABat and Endangered Species Survey Technician Temporary Hourly Fort McCoy, Wisconsin



Center for  
Environmental  
Management

MILITARY LANDS

Colorado State University

## POSITION

The Center for Environmental Management of Military Lands (CEMML) at Colorado State University (CSU) is hiring one seasonal technician to conduct threatened and endangered species surveys on Fort McCoy Military Installation, Wisconsin from approximately May 23 to August 31, 2023. Position may be extended up to nine months depending upon management needs, funding, and availability. Primary duties will be NABat acoustic monitoring by mobile and stationary data collection methods. Additional surveys for State and Federally listed species will take place as part of this position.

## ORGANIZATION

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 within CSU 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, and a complete listing of CEMML positions, visit <http://www.cemml.colostate.edu/>.

## LOCATION

Fort McCoy is a United States Military Installation on 60,000 acres between Sparta and Tomah, Wisconsin in Monroe County. Located about 30 miles east of La Crosse, Wisconsin, this region contains a mix of rolling hardwood ridges, oak/jack pine savannas, and prairies. This ecological region, known as the Driftless Area, contains numerous rare species of both plants and animals and is truly a unique habitat.

## RESPONSIBILITIES

- Conduct passive NABat acoustic surveys using Song Meter Mini Bat Ultrasonic Recorders®.
- Independently conduct mobile nighttime NABat active acoustic surveys using Echo Meter Touch 2®.
- Conduct surveys for endangered turtle and snake species using radio telemetry devices.
- Conduct Lepidoptera surveys for rare butterflies and larvae.
- Utilize ArcGIS software such as Survey123® and Field Maps® to collect data using a tablet.
- Download, sort and analyze data for rare species surveys.

## PHYSICAL REQUIREMENTS

Applicant must be able to work alone and conduct evening night surveys for bats. Successful candidates must be able to walk over uneven terrain on a regular basis and work in inclement weather.

## MINIMUM QUALIFICATIONS

Candidates must have or be currently pursuing a degree in a wildlife-related field. Successful candidates must demonstrate U.S. employment eligibility; CEMML will not provide visa sponsorship for this position. Valid driver's license. Knowledge of central Wisconsin fauna. Aerial photo interpretation skills and the ability to navigate using topographical map/GIS map navigation. Experience with Microsoft Office (Word, Excel). Ability to work well alone and within a crew setting is extremely important.

## **WORK HOURS**

Applicants should expect to work up to 40 hrs/week Monday-Friday. Expect evening mobile monitoring surveys by vehicle. The possibility exists for weekend work.

## **DESIRABLE QUALIFICATIONS/EXPERIENCE**

- Experience conducting NABat acoustic monitoring surveys.
- Familiar with Wildlife acoustic products which include setting and checking Song Meter Mini Bat Ultrasonic Recorders<sup>®</sup>; and use of Echo Meter Touch 2<sup>®</sup> and Kaleidoscope<sup>®</sup> software and analysis.
- Ability to work alone during night hours and comfortable working in the dark.
- Threatened and endangered species survey experience to include Lepidoptera ID skills.
- Data recording and entry experience.
- Familiarity with using ArcGIS software such as Survey123<sup>®</sup> and Field Maps<sup>®</sup> to collect data.
- Ability to capture and handle wildlife species including turtles and non-venomous snakes.

## **HOUSING AND DURATION**

Housing is not provided but may be available on Fort McCoy. Rentals are also available in the nearby Sparta, Tomah, Bangor, West Salem, or La Crosse area. For more information, contact Nathan Tucker at (608) 386-8198.

## **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 being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

## **PAY RATE**

Pay rate starting at \$17.00 per hour depending on qualifications.

## **APPLICATION DEADLINE**

You are encouraged to apply by March 17, 2023 for full consideration but applications will be accepted until position is filled. Submit a resume, copy of college transcripts if applicable, list of three references and a brief cover letter to:

**Email:** [nathan.tucker@colostate.edu](mailto:nathan.tucker@colostate.edu)

**Or by Mail to:**

**CEMML  
Wisconsin Field Office  
Attn: Nathan Tucker  
22988 State Hwy 21  
Tomah, WI 54660**

Colorado State University does not discriminate on the basis of race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, or gender identity or expression. Colorado State University is an equal opportunity/equal access/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 at the Fort Collins campus.

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

CSU 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 site here.](#)