

Summer 2021

Professional internships in wildlife conservation with the NY State Department of Environmental Conservation

Paid Undergraduate and Graduate Student Positions Available

Work alongside DEC biologists and staff to monitor fish and wildlife species and their habitats, manage and summarize data on animal populations, and engage the public in fish and wildlife conservation across NY State. Positions are generally full-time, up to 600 total hours total over a 15-week period (May-August). Importantly, internships are available only to continuing ESF students (see eligibility below), and can fulfill the Directed Field Elective for Wildlife Science and other majors given registration for internship credit (consult with your advisor). Unless otherwise specified, interns are responsible for their own travel to and accommodations at the indicated duty location.



Karner Blue Butterfly Monitoring Interns (3 positions)

Interns will conduct surveys to monitor the endangered Karner Blue Butterfly (<https://www.dec.ny.gov/animals/7118.html>). Duty location: Saratoga Sand Plains Wildlife Management Area, Gansevoort, NY. Desired skills: Must be able to walk long distances in hot sun over uneven ground and through vines, have good color vision, and hold a valid driver's license with a clean driving record. Interns also must provide their own vehicle. Also require data entry skills (Microsoft Excel or Access). Work period: 5/17/2021 – 8/13/2021. OPEN TO UNDERGRADUATE STUDENTS, JUNIOR-LEVEL STANDING DESIRED.



Wildlife Management Area-GIS Intern (1 position)

Intern will assist with asset inventory and collection/management of spatial data, including management activities (e.g., mowing). Will also assist with reports and designing educational signs. Duty location: Region 5, Warrensburg, NY. Desired skills: GIS, database management, writing. Must have valid drivers license, a clean driving record, and your own transportation to work. Work period: 5/15/2021 – 8/27/2021 (flexible start and end dates to accommodate coursework). OPEN TO UNDERGRADUATE STUDENTS, JUNIOR-LEVEL STANDING DESIRED.



Mammal Survey Project Intern (1 position)

Intern will conduct field surveys to document all NY State mammals at various locations in the state. Duty location: ESF Campus (Syracuse) with extended camping in remote locations. Desired skills: Live-trapping, pit-fall trapping, and small mammal identification. Must have a valid drivers license with clean driving record. Helpful but not necessary to have your own vehicle. Must be willing to spend long hours in arduous field conditions, and live in a tent for weeks at a time. Work period: 5/1/2021 – 8/20/2021. GRADUATE STUDENT PREFERRED, BUT POSITION OPEN TO ADVANCED UNDERGRADUATE STUDENTS.



Game Bird Habitat Modeling Intern (1 position)

Intern will develop a GAP model to compare current versus optimal habitat conditions for bobwhite quail on Long Island. Will also develop a statewide habitat suitability model for ruffed grouse to help identify priority management areas. Duty location: Albany, telecommuting acceptable. Desired skills: GIS, R, and basic statistics (regression, AIC model selection, spatial analyses). Work period: 5/1/2021 – 8/13/2021. GRADUATE STUDENT PREFERRED, BUT POSITION OPEN TO ADVANCED UNDERGRADUATE STUDENTS.

ELIGIBILITY: To be eligible, you must be a continuing full-time student. To be eligible for a summer internship, you must be registered full-time during both the spring 2021 *and* fall 2021 semesters. These internships are not available to students graduating May 2021.

To apply: Compile in a single pdf document a cover letter and a current resume. Your cover letter should indicate to which position(s) you are applying, your current standing and major, your relevant experience (and that you meet the desired skills for the position), and contact information for at least 2 references (one should be your academic advisor). Send your application to Dr. Jacqueline Frair at jfrair@esf.edu. For more information, contact Dr. Frair by email or in 257 Illick Hall

Applications are due by 16 April 2021



**Department of
Environmental
Conservation**

