

Summer 2024 and Winter 2024-25

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

Paid Positions for Undergraduate Students

Work alongside professional biologists to study NY wildlife. Positions are typically full-time over the summer (some part-time, some during winter), with start and end dates that vary by position and provide flexibility with respect to your academic schedule. Internships pay \$15.75/hour and can simultaneously fill the Directed Field Elective for the Wildlife Science major with internship credit (see details below).



Eastern Whip-Poor-Will Research Intern

Intern will assist on a study of the effects of forest management on Eastern Whip-Poor-Will populations. Duties include radio-tracking adult birds, searching for nests, monitoring brood production, assisting with trapping and transmitter deployment on new birds, collecting fecal and insect samples, and conducting vegetation surveys. The work is full-time (~40 hours/week) but requires an irregular schedule, working late afternoon and through the night. Days off also will be irregular. Desired skills: Enthusiasm for learning field techniques related to birds and their habitat; interest in conservation, wildlife management, forest management, ornithology or related area; willingness and ability to maintain a flexible work schedule including working long hours through the night (must be able to remain alert through the night and sleep late into the day); ability to maintain a positive attitude while working long hours in difficult field conditions; experience working, camping, or navigating in wilderness conditions (including recreational experience). Must have a valid driver's license and provide your own vehicle to access areas around the duty location. Duty location: Chaumont, NY. Potential for housing support. Work period: 5/5/2024 – late July/early August (600 hours total; flexible start and end dates to accommodate coursework). Preference will be given to students with at least sophomore status in a wildlife-oriented major.



Bat Intern

Intern will assist with monitoring the state's hibernating bat populations. Duties will include identifying and counting bats in photographs taken from hibernacula surveys using ArcGIS. The internship is part-time (~20 hours per week). Desired skills: Familiarity with ArcGIS and New York bat species is preferred but not required. Must manage your own commute to the duty location, housing not provided. Duty location: Albany, NY. Work period: 5/20/2024 – 8/16/2024 (260 hours total; flexible start and end dates to

accommodate coursework). Preference will be given to students with at least sophomore status in a wildlife-oriented major.



Saint Lawrence River Muskellunge Culture Intern

Intern will assist muskellunge restoration, applying fish husbandry skills and protocols in support of an ongoing restoration experiment in northern NY. Desired skills: Interest in learning fish husbandry and professional fish culture, experience in these area a plus but not required. Must manage your own commute to the duty location, housing not provided. Duty location: Oneida Hatchery and South Otselic Hatchery. Work period: 5/1/2024 – 11/15/2024 (600 hours total; flexible start and end dates to accommodate coursework). Preference will be given to students with at least sophomore status in a fisheries-oriented major.



Fish and Wildlife Promotion, Outreach, and Relevancy Intern

Intern will assist with Division of Fish and Wildlife staff, including the Division's promotion and outreach working group, to implement actions identified in the promotion and outreach strategic plan. Desired skills: Strong written and communication skills are required. Must manage your own commute to the duty location, housing not provided. Duty location: Albany, NY. Work period: 6/1/2024 – 8/31/2024 (600 hours total; flexible start and end dates to accommodate coursework). Preference will be given to students with at least junior status in a conservation-oriented degree program.



Harvest Data Visualization Intern

Intern will work with Bureau of Wildlife staff within the game management section to convert game harvest and related biological data into web-based visualizations and story maps. Will also assist in optimizing game management web content. Desired skills: Strong GIS skills, experience with data visualization, writing for public audiences. Must manage your own commute to the duty location, housing not provided. Duty location: Albany, NY. Work period: 6/1/2024 – 8/31/2024 (600 hours total; flexible start and end dates to accommodate coursework). Preference will be given to students with at least junior status in a wildlife-oriented program, and is also open to graduate students (grad salary is \$21.25/hour).



New England Cottontail / Winter Raptor Monitoring Intern

Intern will work with DEC staff to conduct winter wildlife surveys of New England cottontail and grassland birds. Work will involve applying standard survey protocols, collecting data (pellets and vegetation measurements), and mapping observations. Will use Microsoft Excel and Access, ArcGIS, and Garmin Basecamp in support of surveys. Position requires travel from the duty

station to study sites, and long workdays involving early morning and late evening survey work. Desired skills: Must be comfortable working in all winter weather conditions and operating a 4WD vehicle. Experience with plant identification, use of GPS, GIS, and MS Excel/Access preferred but not required. Must have a valid driver's license and manage your own commute to the duty location, housing not provided. Duty location: Schenectady, NY. Work period: 12/15/2024 – 3/31/2025 (600 hours total). Given the timing of this internship, students should have the ability to work remotely, full-time, during the spring semester. Full-time status may be maintained with academic credit (consult with your academic advisor). Preference will be given to students with at least junior status in a wildlife-oriented program.

Eligibility: To be eligible for summer internships, you must be a continuing full-time student. That means, you must be registered full-time during both the spring 2024 *and* fall 2024 semesters. These internships are not available to students graduating May 2024.

Field Experience and Internship Credit: These internships meet the requirements for the Directed Field Elective for the Wildlife Science major and are likely applicable towards other majors as well. Talk with your advisor about receiving academic credit for an internship and having that count towards your Directed Elective requirements.

To apply: Compile in a single pdf document a cover letter and current resume. Your cover letter should indicate to which position(s) you are applying, your current standing (sophomore, junior, etc.) and academic major, your relevant experience, 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 (office hours Thursdays noon-2 pm).

**Applications due by midnight on 1 April 2024
but applications will be reviewed as they are received,
so get yours in as soon as possible!**



**Department of
Environmental
Conservation**

