

NSF Research Experience for Undergraduates position available in the Rosvall laboratory

The National Science Foundation Research Experience for Undergraduates (REU) program aims to involve undergraduates in meaningful ways in ongoing research programs. The Rosvall lab seeks one currently enrolled undergraduate to conduct independent research in May – July 2020. The REU fellow will join PhD student Mary Woodruff in field and laboratory research on behavior and physiology in tree swallows. We are broadly interested in the behavioral and physiological mechanisms by which animals respond to diverse environmental challenges. The REU fellow will actively participate in collecting key project data in the field, including behavioral observations, handling birds, taking blood samples, and analyzing data back in the lab. More information can be found at rosvall.lab.indiana.edu or by contacting Mary Woodruff (woodruffm@iu.edu).



Timeline: Internship to begin in mid-May and last for 10 weeks. Exact dates TBD, but participants should plan on starting as soon as possible in May to be able to capture the very synchronous breeding period of tree swallows. Some portion of the internship will be spent at a field station in rural northwestern Pennsylvania, and the remainder will occur at Indiana University in Bloomington, Indiana.

Participant Support: The REU Fellow will receive a \$4500 stipend for the 10-week project term. Room, board, and travel will be covered.

Expectations and Eligibility: Current freshmen, sophomores, juniors and non-graduating seniors majoring in biological sciences, who are U.S. citizens or permanent residents, are eligible to apply. The applicant must have a vehicle and be willing to use it for fieldwork. Applicants must be willing and able to be employed full-time for the complete 10-week fellowship (please note: no simultaneous enrollment in classes is permitted). For this project, you must also be willing & able to work outside in hot and humid conditions and must be able to tolerate close shared living quarters and long field hours. Underrepresented minority students, disabled students, and students from small colleges without graduate biology programs are encouraged to apply.

The ideal candidates will also have: (a) completed relevant coursework, such as ecology, animal behavior, evolution, biostatistics, or field biology; (b) reliability, attention to detail, people-skills, and self-motivation. Research experience is not required but is preferred – experience handling birds would be ideal. Please include any prior field experience or research work if relevant.

To apply: Submit the following information via this google form, by **Feb 28, 2020**.

<https://forms.gle/tTimk31sKWqPGGPM6>. This form includes places to upload the following documents:

1. One page, single-spaced personal statement that explains (a) your long-term career goals, (b) why you wish to participate in this REU experience, (c) your research interests and experiences, (d) strengths you can bring to the fellowship, and (e) explanation of your previous field or research experience.
2. CV or resume
3. An unofficial transcript

Two academic/professional letters of recommendation should be emailed to woodruffm@iu.edu

Review of applications will start Feb 28, 2020 and will continue until the position is filled. Inquiries can be directed to Mary Woodruff (woodruffm@iu.edu). Additional information about research in the Rosvall lab can be found at rosvall.lab.indiana.edu