

From: Aaron N. Rice
Subject: Postdoc Position: Fish Bioacoustics at Cornell University

Postdoctoral Research Associate – Fish Bioacoustics Cornell University

The Bioacoustics Research Program (BRP) within Cornell University's Lab of Ornithology is seeking a Postdoctoral Research Associate to take a leadership role in a collaborative research project between BRP and the National Park Service (NPS). Scientists from BRP and NPS have been collecting passive acoustic data within Florida Bay and Everglades National Park to understand the influence of managed freshwater flow on the Bay's fish populations, as well as the underwater diversity of biological sounds within the Bay (fish, crustaceans, marine mammals) (see <http://bit.ly/2DmUrZ5>). Florida Bay is an important habitat for marine and estuarine fishes, and is also an important area for ecotourism and fishing.

This individual will be involved in configuring, deploying and recovering recording devices; organizing, analyzing and interpreting data; writing peer-reviewed manuscripts; and presenting data at scientific and stakeholder meetings. The position will be based at the Cornell Lab of Ornithology in Ithaca, NY, but will require regular travel to South Florida (3-4 short trips per year). The position is currently funded for an 18-month period, but there is the potential to extend the appointment with additional funding. Opportunities also for occasionally mentoring undergraduate students, and participating in teaching in BRP's Sound Analysis Workshop, which trains researchers from around the world in sound analysis.

Required qualifications:

- Ph.D. from an accredited institution in a relevant field (e.g., biology, ecology, oceanography)
- Demonstrated track record of authorship on peer-reviewed publications
- Experience in bioacoustic analysis
- Ability to deploy and recover recording instruments in the field
- Ability to work as part of a team
- Strong quantitative/statistical experience
- Ability to conduct original research, from conception to completion
- Extensive marine field research experience
- Strong communication skills and be proficient in spoken and written English
- Must have a valid driver's license

Preferred qualifications:

- Experience with fish bioacoustics
- Experience in working with large datasets
- Experience operating small boats

The Cornell Lab of Ornithology is located at the Imogene Powers Johnson Center for Birds and Biodiversity in the 220-acre Sapsucker Woods sanctuary, the Cornell Lab of Ornithology is a vibrant unit within Cornell's University's College of Agriculture & Life Sciences. More than 200 faculty and staff work at the Lab within our 10 mission-

driven programs. Our management and staff are committed to the highest standards of ethics and excellence in all areas of our work.

For questions about the position or the project, email Dr. Aaron Rice (arice@cornell.edu). To apply, please submit a cover letter, CV, and names and contact information for three references. Applicants must have received their PhD before beginning their postdoctoral appointment at Cornell. Application materials should be sent as a single pdf file to the attention of Sue Taggart (SET2@cornell.edu).

Cornell University is an innovative Ivy League university and a great place to work. Our inclusive community of scholars, students and staff impart an uncommon sense of larger purpose and contribute creative ideas to further the university's mission of teaching, discovery and engagement. Located in Ithaca, NY, Cornell's far-flung global presence includes the medical college's campuses on the Upper East Side of Manhattan and in Doha, Qatar, as well as the new Cornell Tech campus on Roosevelt Island in the heart of New York City.

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Aaron N. Rice, Ph.D.
Bioacoustics Research Program
Cornell Laboratory of Ornithology
Cornell University
159 Sapsucker Woods Rd.
Ithaca, NY 14850-1999

Email: arice@cornell.edu

Web: <http://www.nbb.cornell.edu/neurobio/aaronrice>