Food Web Postdoc Position

LTER Postdoc position at FIU, Miami: Coastal food web ecology

Desired start date: Early 2019 (Start Date Flexible)
Duration: 2 years
Salary: $50,000 - $55,000/year plus full benefits
Location: Florida Coastal Everglades LTER (FCE LTER)

Institute of Water and the Environment
Southeast Environmental Research Center
Florida International University, Miami, FL

http://fce.lternet.edu/
https://inwe.fiu.edu/
http://sercweb.fiu.edu/

Position Description: We seek a talented and enthusiastic postdoctoral researcher to join our team of coastal consumer ecologists at FCE LTER. The postdoc will focus on the analysis of bulk tissue stable isotopes to help us understand trophic structure and energy flow through coastal Everglades food webs across salinity and productivity gradients. The project involves a collaboration across multiple research labs in the FCE LTER program (Rehage, Trexler, Fourquarean, Kominoski, Crowl, & Heithaus at FIU & the Nelson lab at the University of Louisiana-Lafayette). The position will be based at FIU in Miami with travel to UL-Lafayette and will involve both field and laboratory-based work. Opportunities for synthesis of previously-collected datasets, for collaboration in the participant labs and with the FCE LTER research community, and for mentoring younger scientists are available.

Qualifications: The ideal candidate will have expertise in stable isotope ecology and in coastal/marine ecology. Experience with Bayesian mixing models as well as the use of fatty acid tracers is beneficial, but not required. Strong theoretical, statistical and communication skills, and evidence of these in previous work and publications are desired. The applicant must be able to organize & conduct field work in coastal systems operating small boats, supervise research assistants in lab/field activities, code and perform advanced statistical analyses (food web modeling and spatial statistics), work collaboratively among research labs, engage with the FCE LTER research community and management partners, and produce publications. Applicants are expected to have earned a PhD in a relevant discipline prior to the start date.
To apply: Please send a single PDF containing (1) a cover letter describing your fit for this position (detailing past accomplishments & career goals), (2) a CV with a list of 3 references, and (3) representative publications to Dr. Jennifer Rehage, rehagej@fiu.edu and Dr. James Nelson, nelson@louisiana.edu. Please use the subject matter: FCE food web postdoc + your last name in your email.

FIU is a public research university in Miami with a diverse and vibrant faculty and student body. FIU is classified by Carnegie as a R1 Doctoral Universities (Highest Research Activity), is recognized as a Carnegie Community-Engaged university, and is ranked as one of the top 100 public universities in the country by U.S. News & World Report. FIU contributes almost $9 billion each year to the local economy and is ranked second in Florida in Forbes Magazine’s “America’s Best Employers”. The university enrolls more than 54,000 students in two campuses and multiple centers, making it among the 5 largest universities in the US. FIU leads the nation in granting bachelor’s degrees in the STEM fields to minority students, and is first in awarding STEM master’s degrees to Hispanics. For more information, please visit http://www.fiu.edu/. FIU is a member of the State University System of Florida and is an Equal Opportunity, Equal Access Affirmative Action Employer.