We seek a talented and enthusiastic postdoctoral associate to join our team of consumer researchers at FCE LTER. The postdoctoral associate will develop a study to improve our understanding of spatially-explicit food webs in estuarine, mangrove reaches of the Everglades. The project will be collaborative involving multiple consumer research labs (Boswell, Crowl, Heithaus, Papastamatiou, Rehage, and Trexler), but based and under the supervision of the Crowl Lab. The goal for the position is to stimulate synergistic collaborations among our labs and fuel new ideas into our understanding of spatially explicit predator-prey dynamics. The primary role of the postdoc will be to design and lead an independent field research that tracks prey and consumer dynamics along the Shark River estuary (see http://fce.lternet.edu/research/working_groups/?wg=19&p=FCEIII for previous research by our group). The postdoctoral associate will be expected to develop a research program focusing on the development and application of advanced sampling platforms consisting of acoustic techniques (acoustic telemetry and acoustic imaging sonars) and autonomous vehicles to quantify the spatiotemporal dynamics of prey production (fishes and invertebrate prey) and link it to the movement and trophic ecology of key consumers in the ecosystem (e.g., snook, bullsharks, alligators). Opportunities for synthesis of previously-collected datasets, for collaborations in the participant labs on related research questions, and with the LTER research group, and for mentoring younger scientists are available. Position is contingent upon funding and will be renewable annually.

Qualifications:
Experience and background in the use and application of acoustic methods to examine predator-prey, behavioral, foraging, spatial and/or movement ecology in aquatic systems is needed, and on fishes is preferred.
Excellent field, theoretical and statistical skills, and evidence of these in previous work and publications. Applicants must have a demonstrated record of publication in peer-reviewed journals, ability to interface well with multiple collaborators, and preferably experience working on collaborative research projects and using acoustic tools.
Applicants are expected to have earned a PhD in a relevant discipline prior to the start date.

Qualified candidates are encouraged to apply to Job Opening ID 514277 at http://bit.ly/2HkUemO and attach (a cover letter and curriculum vitae) as a single pdf file. Candidates will be requested to provide names and contact information for at least three references who will be contacted upon review of viable applications as determined by the search committee. To receive full consideration, applications and required materials should be received by April 1, 2018. Review will continue until position is filled. FIU is a member of the State University System of Florida and an Equal Opportunity, Equal Access Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.