

NRC POSTDOCTORAL ASSOCIATE IN QUANTITATIVE FISHERIES

NOAA Southeast Fisheries Science Center Beaufort Laboratory

Recruitment of marine fish stocks in the southeastern United States: Connectivity between the Gulf of Mexico and Atlantic Ocean

Description: Two years of support is available for a postdoctoral scientist to collaborate on a project addressing connectivity of marine fish recruitment in the southeastern United States. This project will utilize a combination of recently developed hydrodynamic ocean and biophysical models to simulate recruitment for a suite of federally managed marine fish stocks in the Gulf of Mexico (GoM) and U.S. South Atlantic (SA) regions. For each species considered, our goals are to map sources and sinks of recruitment across the regions, and to develop indices of recruitment strength for use in GoM and SA stock assessments. Synthesis of the species-specific results will shed light on general patterns of connectivity within and between the two regions. The postdoc will collaborate with an interdisciplinary group, including stock assessment scientists, marine ecologists, and oceanographers, from federal and academic institutions.

Qualifications: Minimum qualifications include a PhD in quantitative fisheries, statistics, applied mathematics, marine fisheries ecology, theoretical ecology, or a related field. Strong quantitative skills are required. Experience in quantitative modeling, stock assessment, population dynamics, spatial analysis, computer programming, statistics, and/or high performance computing are desired. The successful candidate should be motivated and capable of working independently as well as collaboratively within a group of interdisciplinary scientists.

Location: The postdoc will be hosted by the NOAA Southeast Fisheries Science Center and stationed at the NOAA Beaufort lab in Beaufort, NC. The option also exists to be stationed at the NOAA Miami lab in Miami, FL, if the candidate would prefer that location.

Salary: Annual salary is \$56,000 plus benefits, administered through the National Research Council (NRC) postdoctoral program.

How to apply: To apply, e-mail a **cover letter** describing your interest in the position, a **CV**, and the names and contact information of **two references** to Kyle Shertzer (Kyle.Shertzer@noaa.gov). Inquiries regarding the position are welcome; please contact Kyle Shertzer (Kyle.Shertzer@noaa.gov) or Mandy Karnauskas (Mandy.Karnauskas@noaa.gov) for more information. Review of candidates will continue until the position is filled. Short-listed candidates will be invited to submit a full application through the NRC system. Start date is flexible, ideally in the fall of 2018.