Position:
Dr. Will White seeks a postdoctoral scholar to study the population dynamics of oyster populations. This is a full-time 12-month Postdoctoral Scholar position located in the Department of Fisheries and Wildlife and Coastal Oregon Marine Experiment Station in Newport, Oregon. The position is funded by grants from the National Science Foundation (NSF) and the National Estuarine Research Reserve (NERR) Science Collaborative program. The position is renewable annually on a fiscal year basis (so long as the postdoctoral scholar is within five years from receipt of their doctoral degree) and funding is available for at least 2 years. Reappointment is at the discretion of the Principal Investigator and the OSU Office of Postdoctoral Programs.

Stipend and benefits conform with postdoctoral scholar standards at OSU. More information about postdoctoral scholar appointments at OSU can be found at http://gradschool.oregonstate.edu/postdocs.

Information on the White lab: http://blogs.oregonstate.edu/whitelab/

Responsibilities:
The successful applicant will:
- Work on project investigating the population dynamics and sustainability of oyster populations in Florida, USA, including predator-prey interactions. This project is a collaboration with Dr. David Kimbro, Northeastern University (kimbrolab.weebly.com) Work will include but not be limited to designing and implementing population models (specifically integral projection models), data analysis, and model-data comparisons and validation.
- Work with the PI and co-PI to design experiments, plan analyses, and communicate research findings to stakeholders.
- Prepare research manuscripts for peer-reviewed journal publications.
- Present research at scientific conferences and public outreach events.
- Assist in the training of graduate and undergraduate students in thesis or dissertation preparation, research methods, and computational/mathematical methods.

Qualifications
Required:
- Ph.D. in ecology, fisheries biology, applied mathematics, or a combination of these areas or a closely related field with demonstrated experience and expertise in quantitative ecology, particularly population dynamics and modeling
- Proficiency with either R or Matlab
- Excellent written and verbal communication skills.

Preferred:
- Proficiency with both R and Matlab
- Experience with age-, stage-, or size-structured population models, or integral projection models
- Experience using Git and/or GitHub or similar version control and file sharing software
- Peer-reviewed publication record (commensurate with career stage) in the field of population modeling

Position Available: December 17, 2018 (open until filled)

Application: For full consideration, apply by December 10, 2018. Applicants must send: (1) a letter of application to describe academic experience, qualification and interest in the position; (2) curriculum vitae; and (3) email addresses of three professional references Application materials should be sent to: Dr. Will White at will.white@oregonstate.edu. Oregon State University is an Affirmative Action / Equal Opportunity Employer.