

Position:  
Post-Doctoral Research Associate

Agency:  
Quantitative Fisheries Center, Michigan State University

Description:

We seek a research associate to join projects related to adaptive management (control) efforts of invasive grass carp in Lake Erie. The projects involve updating the existing population matrix model for predicting effects of control actions on grass carp populations and planning/participating in acoustic telemetry research into grass carp space use to inform control efforts. The associate will have opportunities to work with QFC staff and agency biologists and managers to expand the scope of research for these projects, particularly related to implementation of the adaptive management framework. Experience with matrix population models, value of information analysis, and analysis/simulation modeling of acoustic telemetry data is preferred. Interest/experience with engaging agency personnel and stakeholders at the interface of technical analysis and resource management is also desired. The associate may also have the opportunity to participate in other QFC activities, including preparing for and delivering on-line and short-courses on quantitative fisheries methods and assisting with consulting projects with QFC supporting partners. The postdoc will work directly with Drs. Kelly Robinson and Travis Brenden at the QFC. The Quantitative Fisheries Center has a strong reputation for developing relationships with relevant stakeholders for the research and the management of fisheries resources. This position is an excellent opportunity to gain experience highly relevant to professional positions in acoustic telemetry and adaptive management, as well as engagement with agencies in the US and Canada. Please see our website ([www.canr.msu.edu/qfc/](http://www.canr.msu.edu/qfc/)) for more information about us!

Qualifications:

PhD in fisheries science or related discipline with a strong record of research productivity in quantitative methods.

Salary:

\$49,000 per year plus benefits. Initial appointment is for 1 year with extension for another year, depending on performance during first year.

Closing date:

Until filled

Contact:

All applicants must apply via [careers.msu.edu](http://careers.msu.edu), search posting #667324. Please submit your CV, letter of interest, and transcripts (unofficial). Questions about the posting can be directed to Dr. Kelly Robinson ([kfrobins@msu.edu](mailto:kfrobins@msu.edu)) or Dr. Travis Brenden ([brenden@msu.edu](mailto:brenden@msu.edu)) at the Quantitative Fisheries Center. Review of applications will begin 9/8 and continue until filled, with the associate hopefully beginning in September – October, 2020. Postdoc will be able to begin the position remotely if necessary, because of the current pandemic.