



POSITION ANNOUNCEMENT

Position Title: Quantitative Fisheries Center Academic Specialist - Research

The Department of Fisheries and Wildlife at Michigan State University invites applications for a full-time, 12-month fixed-term Research Academic Specialist position with a 100% research assignment. The position start date is anticipated to be spring or summer 2022. Initial appointment is for one year with annual extensions planned with no end date, dependent on satisfactory performance and sustaining support of the Quantitative Fisheries Center by its funding partners.

We seek an academic specialist with a strong background in statistics/biometry to serve as lead/co-lead/cooperator on a variety statistical and modeling projects focused on the management and assessment of Great Lakes fisheries, including native, invasive, and recreationally/commercially exploited species. The specialist is anticipated to participate in a variety of research projects involving stock assessment methodology, harvest policy analysis, management strategy evaluation, and structured decision making. The specialist will also provide modeling/analytic support to biologists/researchers with fishery management agencies in the Great Lakes. The specialist will also lead/assist in preparing/editing reports to funding organizations and articles for peer-review publication, give presentations at professional meetings and to funding partners.

The Department of Fisheries and Wildlife: The Department of Fisheries and Wildlife is a vibrant community of scholars comprising >40 core faculty (tenure stream and fixed-term faculty, and academic specialists), 100 graduate and 240 undergraduate students, >30 research associates, and 6 core staff. Our Mission is to build local, national, and international capacities to conserve ecosystems that support fish, wildlife, and society through integrated programs in research, education and engagement. We are committed to the integrative nature of natural resources conservation and management, with our expertise ranging from disciplinary areas with a long-standing history in the domain of fisheries and wildlife to those emerging more recently. The QFC was established in 2005 to provide a research, outreach/service, and teaching program to build greater capacity within fishery management agencies in quantitative methods; improve quantitative methods for assessing fish stocks; assist agencies to use model-based approaches in decision making; and develop a better understanding of fish community and population dynamics. The QFC is supported by the MSU, the Great Lakes Fishery Commission (GLFC), Michigan Department of Natural Resources, and several state, provincial, and tribal agencies with fishery management jurisdiction over the Great Lakes. In 2018, the QFC received the Besadny award from the GLFC for outstanding work to enhance the understanding of Great Lakes fisheries by emphasizing the use of quantitative tools in teaching, outreach, and research and for serving as a trusted partner and a recognized leader both within and outside the Great Lakes basin.

Location: The position will be based at Michigan State University in East Lansing, MI, USA. Michigan State University (MSU) is one of the top research universities in the world and home to nationally ranked and recognized academic, residential college, and service-learning programs. MSU is a diverse community of dedicated students and scholars, athletes and artists, and scientists that provide regional, national, and international leadership in basic and applied research and excellence in teaching. In addition, consistent with its Land Grant origins, the MSU community pursues international engagement and provides strong extension programs that partner with diverse stakeholders to provide much needed research in the areas of food, energy, water and the environment. MSU enjoys a park-like campus with outlying research facilities and natural areas. The campus is located in the city of East Lansing, adjacent

to the capital city of Lansing. The Lansing metropolitan area has a diverse population of >500,000. Local communities have excellent school systems and place a high value on education. The University is proactive about its obligations under the ADA, and provides individual accessibility plans to students and employees with disabilities. Michigan State University is also proactive in exploring opportunities for employment for dual career families, both inside and outside the University, and respects all family forms. Information about MSU's dual career support can be found at <http://miwin.msu.edu/>. Information about WorkLife at MSU can be found at <http://worklife.msu.edu/>

Commitment to Diversity, Equity and Inclusion: The College of Agriculture and Natural Resources at Michigan State University is committed to achieving excellence by creating and sustaining an accessible and inclusive culture that values cultural and academic diversity. We are an equal opportunity / affirmative action employer. The CANR is particularly interested in candidates of all backgrounds who are committed to the principle that academic excellence is achieved through open access and proactive inclusion. Candidates are invited to view Department of Fisheries and Wildlife norms at <https://www.canr.msu.edu/fw/about/diversity-equity-and-inclusion/>

Salary and Benefits: Salary will be commensurate with qualifications. MSU offers a generous benefits package (details at <https://hr.msu.edu/benefits/index.html>).

Equal Employment Opportunity Statement

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.

Required Degree

Doctorate -Quantitative fisheries or an allied field

Minimum Requirements

Qualified candidates will have a PhD in fisheries science, statistics, or related discipline. Familiarity with contemporary statistical methodologies, including generalized linear modeling, hierarchical modeling, Bayesian inference, and sampling/experimental design is required. Previous experience with stock assessment and/or fish population modeling, management strategy evaluation, and/or structured decision making projects is highly desirable as is familiarity with analyzing or designing creel surveys, and mark-recapture/tag-recovery studies. Preference will be given to candidates with demonstrated interest in engaging agency personnel and stakeholders at the interface of technical analysis and resource management.

Required Application Materials

All applicants must apply via careers.msu.edu, search posting # 755307. Upload the following required documents: a) letter of interest that includes qualifications for the position and statement regarding quantitative fisheries interests highlighting how your experiences align with the position; b) current curriculum vitae; c) copies of college transcripts; and d) contact information for three professional references. Incomplete applications will not be considered.

Together-we-will Statement

The university is requiring all MSU students, faculty and staff to be vaccinated against COVID-19 with limited exceptions. Learn more at: <https://msu.edu/together-we-will/>

Special Instructions

Questions regarding this position can be addressed to the Search Committee Chair: Dr. Travis Brenden, Department of Fisheries and Wildlife, Michigan State University, East Lansing, MI 48824, USA, brenden@msu.edu; 517-355-0003.

Website

fw.msu.edu

Department Statement

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MSU Statement

Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.