Research Assistantship in Oyster Genomics Research

at

Morgan State University PEARL

The Morgan State University Patuxent Environmental and Aquatic Research Laboratory (MSU PEARL) is recruiting one or more graduate students – at either the Master’s and/or PhD level – to provide research support for MSU PEARL Scientist Dr. Ming Liu’s Oyster Genomics and Breeding Program. Dr. Liu’s research program focuses on two key objectives: 1) identifying associations between oyster genomic characteristics and oyster traits beneficial to the growing aquaculture industry, and 2) developing novel genomic tools and approaches to improve the survival and growth of oysters. The candidate will work with Dr. Ming Liu to develop a thesis or dissertation that contributes to one or both of the objectives above.

A stipend will be provided for the successful applicant(s) for this position. PhD-level applicants will also receive a tuition waiver. To be considered for this position, applicants must either be enrolled - or have intention to enroll - in MSU graduate school. Guidelines for applying to MSU for graduate studies are found here. Applicants intending to pursue a PhD at MSU will be expected to enroll in the MSU Bioenvironmental Science PhD program. International applicants also need to meet the additional requirements found here.

The ideal candidate will be enrolled in Morgan State University graduate studies in Fall Semester 2020. Prospective candidates not currently enrolled at MSU are strongly encouraged to submit their graduate school applications by the 2020 Fall Semester due date of April 1, 2020. While candidates with a wide range of interests and experiences will be considered, preference will be given to candidates with previous education/experience in the fields of biology, genomics, or bioinformatics. Candidates should also have interests in genomics research and/or interests in shellfish aquaculture.

Interested candidates are strongly encouraged to contact Dr. Ming Liu ming.liu@morgan.edu to discuss this opportunity and to learn more about the formal application process for graduate school at MSU.