GMGI Science Director Job Description

04/12/2015

**Science Director, Marine Biotechnology**

**Gloucester Massachusetts**

A recent addition to Gloucester’s harbor of ocean-centered enterprises, the Gloucester Marine Genomics Institute (GMGI) was launched in late 2013 to become a world-class marine biotech research facility. Building on the rich history of Gloucester’s fishing industry, GMGI will leverage this heritage to create a unique fisheries/marine biotechnology ecosystem that will spur an economic rejuvenation while establishing a center for scientists on beautiful Cape Ann.

We are seeking the first GMGI Science Director who will be instrumental in building the science foundation and research portfolio for the new Institute. With our location in the Gloucester harbor and its 400 years of commercial fishing, our first research projects have been focused on topics relevant to the commercial fisheries. We will continue to build core expertise in this field but will also expand into other marine topics, such as aquaculture, ocean-derived biomaterials and natural products, as well as biomarkers for monitoring fish populations and water quality.

The first Science Director will play an important role in the development of GMGI’s permanent facility, located on the harbor, to house state of the art laboratories for genomic and proteomic research. In addition, the Director will be responsible for building a scientific team that can compete for external funding. The Science Director will also have some involvement in the affiliated life science’s training Academy and participate in community outreach via interactions with local science and maritime institutes.

OVERALL RESPONSIBILITY

Gloucester Marine Genomics Institute is committed to bringing the modern sciences of genomics and proteomics to marine science as well as solving important problems needed for the sustainability of North Atlantic Ocean species and their ecosystems. The Science Director will work on a wide variety of projects, collaborating with scientists from the worldwide network of marine institutions as well as regulatory agencies such as NOAA.

The Science Director will work with the GMGI Science Advisory Board to ensure implementation and completion of all science goals, will be the primary contact with the external funding agencies and collaborative entities, and will represent GMGI in the community of worldwide marine science institutes. The Director will prepare and submit grant proposals, essential for building research revenue as well as prepare manuscripts for publication, and be responsible for the budget and management of resources relevant to science programs.

PRINCIPAL DUTIES AND RESPONSIBILITIES

* Develop and execute science strategy relevant to GMGI’s mission under the direction of the Executive Director and the Science Advisory Board.
* Build a science staff, from PhD level to entry level technicians, and provide direction and mentoring to form a professional, inspired and successful research team.
* Oversee selection, purchase and maintenance of equipment and participate in the design of GMGI’s permanent research facilities.
* Participate in proposal preparation, progress reports, and strategic planning
* Secure and manage resources for complex projects and execute according to funding and project schedules. Oversee budgets, schedules and performance requirements for contracts.
* Identify research collaborations to expand and achieve the GMGI science mission.
* Establish the GMGI science foundation and expertise in topics relevant to the Cape Ann region, and work with local stakeholders to make GMGI the local science support resource.

QUALIFICATIONS AND CHARACTERISTICS

* PhD in Molecular Biology, Marine Biology, or related fields, with advanced research skills and at least 5 years of related experience. Combination of molecular biology and marine science preferred.
* Demonstrated ability to secure external funding for science projects.
* Experience leading and coordinating large-scale collaborative projects.
* Experience building program, lab, and/or facility from point of origin.
* Established record of contributions, publications, presentations and leadership responsibilities within collaborative research networks.
* Primary or key author on major reports, presentations and papers.
* Ability to interact and influence interdisciplinary scientists both internally and externally.
* Ability to work across disciplines and functions in an atmosphere where priorities will rapidly shift, as in a “start-up” environment.
* Ability to build out a laboratory and willingness to work at the bench, or closely with scientists working in the lab.
* Must have excellent staff oversight and mentoring skills.

This position demands creativity and curiosity as well as the desire, persistence and ability to create scientific advances.

Benefits: not specified.

Salary: commensurate with experience

Posting expiration date: July 15, 2015

How to apply: send cover letter and resume to Chris Munkholm, [chris.munkholm@gmgi.org](mailto:chris.munkholm@gmgi.org).