

## Technical/Computational Support for Underwater Glider Program

The Bermuda Institute of Ocean Sciences is seeking to hire an individual to provide technical and computational support for its underwater glider program. The successful candidate would be hired at the Research Technician or Research Specialist level, depending on qualifications and experience.

The duties and responsibilities include:

- Management of laboratory facility including glider hardware and sensor inventory
- Preparation, mobilization and maintenance of autonomous underwater vehicles, including sensor calibration, control system programming, ballasting
- At-sea deployment and recovery of autonomous underwater vehicles
- Daily vehicle piloting and data reduction activities during field programs
- Data quality assurance/quality control during and after field operations, including reconciling sensor-based measurements with synchronous ship-board and post cruise laboratory-based measurements
- Data analysis and reduction for preparation of scientific reports and peer-reviewed publications
- Participation in development of scholarly communications resulting from the research programs

We seek individuals with the following qualifications:

- BS or MS in Computer Science, Marine Science or Mechanical/Electrical Engineering
- Demonstrated proficiency in a structured programming language (C, C+, Python) and/or statistical programming package (Matlab, R)
- Desirable experience: configuring, preparing and piloting marine autonomous systems (e.g. underwater gliders, floats, moored instrumentation)
- Strong scientific writing and presentation skills

The Bermuda Institute of Ocean Sciences is an independent U.S. not-for-profit marine research and education organization with 501(c)(3) status and a Bermuda Registered Charity #116 employing a multi-national staff of approximately eighty people. Scientific activities at BIOS are wide-ranging and include oceanographic and atmospheric time-series studies, coral reef research and ocean and human health interactions. Activities include oceanographic and marine biological research conducted by resident and visiting scientists, and university-level courses on a variety of marine science topics. Additional information on BIOS can be found at <http://www.bios.edu/>. Additional information on BIOS's glider operations can be found at <http://magic.bios.edu/>.

*Qualified candidates should submit their application including a cover letter, a curriculum vitae and names of references to: The HR Manager, BIOS, 17 Biological Station, St. Georges, GE01, Bermuda; [hr@bios.edu](mailto:hr@bios.edu). The position will remain open until filled*