

Internship Advertisement

The University of the West Indies (Mona) has a long history of research and graduate training in the marine sciences. The Centre for Marine Sciences in the Department of Life Sciences conducts and facilitates research in the marine environment of Jamaica and the wider Caribbean, exploring the presence and status of coastal and marine species and resources while providing sound environmental advice to Governments and Non-Governmental Organizations. In an attempt to get island-wide coverage of marine and coastal issues, the Centre conducts research at new locations while continuing to monitor known sites using a balance of pure and applied research.

Main focus areas

The CMS currently focuses on the creation and co-ordination of educational, management and research projects related to:

- **Ecosystem studies**
Studies on the status and ecology of important coastal ecosystems including coral reefs, sea grass beds, mangrove forests, estuaries, lagoons and embayments.
- **Coastline Management**
Oceanographic investigations along the North and South coasts of the Jamaica, and the impacts of waves and currents on shoreline stability and protection.
- **Pollution Monitoring & Mitigation**
Studies on the physical oceanography, chemistry and biology of pollution in bays (Kingston Harbour, Hellshire, Discovery Bay, St. Thomas) and offshore.
- **Marine Research**
Pure and applied research on the biology of marine organisms including fish, corals, marine plants and plankton.

The **Discovery Bay Marine Laboratory (DBML)** is a facility of the University of the West Indies (under the direction of the Centre for Marine Sciences) dedicated to supporting research and the teaching of biology, chemistry, ecology, geology, hydrology and geography. The facility also seeks to apply the knowledge gleaned to the management of the natural resources in Jamaica's coastal zone.

Located about 1 hour from the Montego Bay airport, DBML is situated “on the water” at Discovery Bay and is an excellent location for educational field trips, scientific research, seminars and workshops. The DBML has excellent research facilities with wet and dry labs, boats suitable for SCUBA diving and the only Hyperbaric Chamber in Jamaica for the treatment of divers and others through re-compression. There are also residential buildings which can accommodate up to 40 students and 20 faculty with full catering services.

The Role of the Intern:

DBML's Interns take part in ongoing operational and research duties, including:

- Assisting with research activities on marine, coastal and benthic assessments, coral nursery maintenance and lionfish control and management.
- Assisting with community outreach activities geared towards the conservation of the marine and coastal resources.
- Assisting with grant proposals
- Assisting with literature searches, preparing presentations, etc.

Skills, knowledge, and abilities required:

- Deep commitment to promoting marine conservation and sustainability
- Commitment to learning about marine environmental research
- Formal training in biology, ecology, marine science, natural resource management, or environmental science
- Certified to at least PADI Advanced Open Water Diver or equivalent (or ability to undertake PADI Advanced Open Water Certification upon arrival)
- Flexible schedule and ability to work independently
- Experience using Microsoft Office, Internet and Email
- Experience working with computers for internet searches and social media
- Command of the English Language, both written and spoken form
- Ability to work long hours in the field, usually starting very early
- Ability to lift and/carry at least 50lbs

This internship will strengthen the following skills:

- Biological and ecological assessments of marine and coastal habitats
- Scientific planning design and fieldwork skills
- Time management and organizational skills
- Communication skills, including cross-cultural communication
- Presentation and facilitation skills

Financial Support:

It is expected that the Interns will be responsible for their own travel and living expenses (food, air and ground transportation etc.) The DBML will provide on-site shared dormitory-style accommodation with cooking facilities. Employment (especially for overseas-based interns) during the Internship would not be possible.



Important Timelines:

Deadline for Application: December 16, 2016
Start of Internship: January 15, 2017
Period of Internship: 6 months

Requests can be made to alter the duration of the internship, and should be indicated clearly on the Internship Application Form.

To apply:

Please send **via email** the completed Internship Application Form (attached **below**) and a recent copy of your CV (with contact information for 3 referees) to:

Dr. Dayne Buddo
Lecturer and Academic Coordinator
UWI Discovery Bay Marine Laboratory
Jamaica WI
dayne.buddo@uwimona.edu.jm



INTERNSHIP Application Form

PERSONAL INFORMATION

Name:

Date of birth:

Sex (M/F):

Citizenship:

Current address:

City:

Parish/State:

Postal/ZIP Code:

Phone 1:

Phone 2:

Skype:

Email address:

Mailing Address:

EDUCATION INFORMATION

(START WITH MOST RECENT)

Current School/University:

Address:

Type of Degree/Diploma:

Start Date:

Expected End Date:

Contact Person at Institution:

Position:

Phone:

Email address:

Previous School/University:

Address:

Type of Degree/Diploma:

Start Date:

End Date:

Previous School/University:

Address:

Type of Degree/Diploma:

Start Date:

End Date:

EMPLOYMENT INFORMATION

(START WITH MOST RECENT)

Name of Employer:

Address:

Position Employed:

Dates:

Duties:

Name of Employer:

Address:

Position Employed:

Dates:

Duties:

INTERNSHIP Application Form

WATER SKILLS AND COMPETENCE (SELECT USING A CIRCLE OR HIGHLIGHT)

Swimming Ability:	Unable	Weak	Fair	Strong
Certified SCUBA Diver:	Yes	No	Certification Body (PADI, BSAC etc):	
Certification Level:	Initial SCUBA Certification Date:			
Number of Dives:	Maximum Depth:		Date of Last Dive:	
Dive Insurance Provider:	Insurance Type:			
Scientific Diving Experience:	Yes	No		
Boat Handling Experience:	Yes	No		

RESEARCH INTERESTS DURING THE INTERNSHIP (SELECT ALL THAT APPLY USING A CIRCLE OR HIGHLIGHT, AND ALSO INDICATE ORDER OF PREFERENCE USING "1" AS THE HIGHEST) PLEASE VISIT OUR WEBSITE FOR MORE INFORMATION ON RESEARCH PROJECTS [HTTP://WWW.UWIMONA.EDU.JM/CMS/RESEARCH.HTML](http://www.uwimona.edu.jm/cms/research.html)

Coral Restoration	Marine Invasive Alien Species	Environmental Awareness
Mangrove Restoration	Marine Protected Areas	Water Quality Monitoring
Sea Urchins	Seagrass Restoration	Coastal Limestone Forests

Other Interest(s):

OTHER INFORMATION

Desired Start and End Dates for Internship Period:

(NB: Upcoming 6-month Internship Period – January 15-July 15, 2017)

Are you able to fully support yourself financially (housing, meals, and transportation) during your internship (Y/N)?

If no, please state the type of assistance you require:

Please state any other information that you think is relevant to guide the review of your application:

STATEMENT OF PURPOSE

Please state in less than 100 words why this internship will be valuable to your career.

VALIDATION

I confirm that the information presented in this application form is accurate and representative of my training, experience and competence. I also formally submit this application to the Internship Programme of the University of the West Indies – Discovery Bay Marine Laboratory.

Signature

Date