DEPARTMENT OF MARINE BIOLOGY

The MS and PhD degrees in Marine Biology are taught by marine biologists within the Texas A&M University System (TAMUS). The program is interdisciplinary, involving courses and linking faculty from the Texas A&M University at Galveston (TAMUG), Texas A&M Colleges of Science (SCI), Agriculture and Life Sciences (COALS), and Geosciences (GEOS), and Texas A&M University-Corpus Christi (TAMU-CC).

The goal of the Marine Biology Interdisciplinary graduate program is to attract high-quality students interested in one or a combination of the sub-disciplines of marine biology who wish to pursue careers in higher education, government, or private industry. The structure of the education provided by the program will ensure that highly qualified individuals will be sent into the job market or on to further education. Employment of graduates will be related to environmental and living resource regulation and management within all levels of government; industries related to or affected by resource utilization and management; and within all levels of academia, including teaching and conducting both basic and applied research.

The degree program will focus on independently supervised research complemented by formal coursework. Essential components of the program include the following:

- a diverse curriculum available on all three campuses;
- original, supervised scholarly research, to be written and formally defended as a professional paper, thesis or dissertation;
- efficiency obtained by sharing the diversity of courses already offered at the three participating entities facilitated by distance learning technologies;
- all students will benefit from distance technologies by having access to various courses offered at the alternative campuses and the ability to interact with members of their committees and others from whom they are separated by distance.

Students will earn one of the following degrees:

- Master of Science, thesis option: a research degree with a broad curriculum and a rigorous program of field or laboratory thesis research; 32 total semester credit hours including thesis; or
- Master of Science, non-thesis option: a professional development degree that provides advanced coursework on a range of topics in marine biology and culminates in a professional paper on a approved topic; this option is not intended as a research degree and does not include independent laboratory or field research experience; 36 total semester credit hours; or
- Doctor of Philosophy: a research degree with a broad curriculum and a dissertation based on rigorous and in-depth field or laboratory research; requires a minimum of 64 total semester hours beyond the MS degree or a minimum of 96 total semester hours beyond the BS degree, including dissertation.

Faculty

Alvarado-Bremer, Jaime, Professor
Marine Biology
PHD, University of Toronto, 1994

Armitage Chan, Anna R, Associate Professor
Marine Biology
PHD, University of California, Los Angeles, 2003

Davis, Randall W, Professor
Marine Biology
PHD, University of California at San Diego, 1980

Eytan, Ron I, Assistant Professor
Marine Biology
PHD, Louisiana State University, 2010

Hala, David, Assistant Professor
Marine Biology
PHD, Brunel University, 2007

Iliffe, Thomas M, Professor
Marine Biology
PHD, University of Texas Medical Branch at Galveston, 1977

Jurgens, Laura, Assistant Professor
Marine Biology
PHD, University of California Davis, 2015

Labonte, Jessica, Assistant Professor
Marine Biology
PHD, University of British Columbia, 2013

Liu, Hui, Associate Professor
Marine Biology
PHD, University of Alaska Fairbanks, 2006

MATICH, PHILIP, Instructional Assistant Professor
Marine Biology
PHD, Florida International University, 2014

Marshall, Christopher, Professor
Marine Biology
PHD, University of Florida, 1997

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Marine Biology
PHD, Duke University, 2005

Moulton, Orissa M, Instructional Assistant Professor
Marine Biology
PHD, The University of Chicago, 2016

Petersen, Lene H, Instructional Assistant Professor
Marine Biology
PHD, Memorial University of New Foundland, 2010

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Marine Biology
PHD, Monash University, 2000

Rooker, Jay R, Professor
Marine Biology
PHD, The University of Texas - Austin, 1997

Rowe, Gilbert T, Senior Professor
Marine Biology
PHD, Duke University, 1968
Schulze, Anja, Associate Professor
Marine Biology
PHD, University of Victoria, Canada, 2001

Schwarz, John R, Senior Professor
Marine Biology
PHD, Rensselaer Polytechnic Institute, 1972

Sirovic, Ana, Associate Professor
Marine Biology
PHD, University of California San Diego, 2006

Steichen, Jamie L, Lecturer
Marine Biology
PHD, Texas A&M University, 2012

Wells, Robert J, Associate Professor
Marine Biology
PHD, Louisiana State University, 2007

**Masters**

- Master of Science in Marine Biology (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/interdisciplinary/marine-biology-ms)

**Doctoral**

- Doctor of Philosophy in Marine Biology (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/interdisciplinary/marine-biology-phd)