

# DEPARTMENT OF OCEANOGRAPHY

## Studies in Oceanography

Oceanography is an interdisciplinary science that focuses on the oceans, their contents and their boundaries. Degree programs include BS in Oceanography, MS (thesis option) in Oceanography, PhD in Oceanography and a Master of Ocean Science and Technology (MOST) a non-thesis professional degree. In addition, qualified undergraduate students may participate in a 15-credit minor in Oceanography.

The BS in Oceanography provides students with an interdisciplinary education and training in one of three areas of ocean science: Ocean Observing Science and Technology (OOST), Ocean Climate (OC), Marine Ecosystems Processes (MEP) and Marine Chemistry and Geochemistry (MCG). All students will gain skill in handling, evaluating and analyzing large datasets.

The Department of Oceanography also has a combined 5-year Bachelor's/MOST Program in conjunction with Environmental Geosciences, Atmospheric Sciences, Oceanography, and Geology. These combined programs offer motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing a Bachelor's degree in one of these majors: Environmental Geosciences (BS), Meteorology (BS), Geology (BS), Oceanography (BS), and the Master of Ocean Science and Technology degree in 5 years. There are only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program enables these motivated students to coordinate the required BS coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and MOST coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work within 5 years.

## Faculty

Baldauf, Jack G, Professor  
Oceanography  
PHD, University of California at Berkeley, 1985

Campbell, Lisa, Research Professor  
Oceanography  
PHD, State University of New York at Stony Brook, 1985

Chang, Ping, Professor  
Oceanography  
PHD, Princeton University, 1988

Dimarco, Steven F, Professor  
Oceanography  
PHD, The University of Texas at Dallas, 1991

Fitzsimmons, Jessica N, Associate Professor  
Oceanography  
PHD, Massachusetts Institute of Technology, 2013

Gold Bouchot, Gerardo, Professor  
Oceanography  
PHD, CINVESTAV Merida, 1991

Henrichs, Darren, Instructional Assistant Professor  
Oceanography  
PHD, Texas A&M University, 2012

Hu, Sarah, Assistant Professor  
Oceanography  
PHD, University of Southern California, 2018

Jones, Cory, Assistant Professor  
Oceanography  
PHD, University of California, San Diego, 2018

Knap, Anthony H, Professor  
Oceanography  
PHD, University of South Hampton, 1978

Liu, Yina, Assistant Professor  
Oceanography  
PHD, Texas A&M University, 2013

Orsi, Alejandro H, Professor  
Oceanography  
PHD, Texas A&M University, 1993

Potter, Henry, Associate Professor  
Oceanography  
PHD, University of Miami, 2014

Shamberger, Kathryn E, Associate Professor  
Oceanography  
PHD, University of Washington, 2011

Slowey, Niall C, Professor  
Oceanography  
PHD, Massachusetts Institute of Technology, 1991

Sylvan, Jason B, Associate Professor  
Oceanography  
PHD, Rutgers University, 2008

Thomas, Deborah J, Professor  
Oceanography  
PHD, University of North Carolina at Chapel Hill, 2002

Thornton, Daniel C, Professor  
Oceanography  
PHD, Queen Mary Westfield College, University of London, 1996

Wiederwohl, Christina L, Instructional Associate Professor  
Oceanography  
PHD, Texas A&M University, 2012

Yvon-Lewis, Shari A, Professor  
Oceanography  
PHD, University of Miami, 1994

Zhang, Shuang, Assistant Professor  
Oceanography  
PHD, Yale University, 2017

Zhang, Yige, Associate Professor  
Oceanography  
PHD, Yale University, 2015

## Majors

- Bachelor of Arts in Ocean Studies (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/oceanography/ocean-studies-ba/>)
- Bachelor of Science in Oceanography (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/oceanography/bs/>)
- Bachelor of Science in Oceanography and Master of Ocean Science and Technology, 5-Year Degree Program (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/oceanography/bs-oceanography-most/>)

## Minors

- Oceanography Minor (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/oceanography/minor/>)