

EDUCATION



An education from Scripps Institution of Oceanography is like no other, placing graduates among an esteemed group of scientific professionals as well as within a network of illustrious Scripps alumni spread across the world.

This year, diverse students from a variety of scientific disciplines excelled in Scripps's undergraduate, master's, and doctoral programs. Scripps students shone brightly among their peers in 2014, receiving numerous internal and external awards and prizes including the Chancellor's Dissertation Medal, the Frieman Prize, the Fager Award, and many more.

Students from all over are drawn to Scripps for its world-class research opportunities, state-of-the-art research facilities, and first-rate faculty. Valuable fellowship support provides students with access to research vessels, as well as opportunities to conduct fieldwork in locations across the globe, ranging from the Arctic to the Antarctic.

Scripps also supports a number of programs to increase diversity in the classroom and in STEM fields and created a new Diversity Admissions Committee. These efforts paid off, as the incoming Scripps class has a record 18 percent underrepresented minority students.

Stellar faculty members play a large part in Scripps education programs, and this year we recruited four new Scripps professors, appointed three new adjunct professors, and appointed a Scripps Lecturer with Security of Employment. Continued collaboration with other departments at UC San Diego helps advance curricula and opportunities for Scripps students.

Whether students attend Scripps for undergraduate or graduate studies, one thing is clear: they are now part of the Scripps community, collectively working to better understand and protect the planet.

Undergraduate Education Highlights:

- Scripps celebrated 50 years of earth science undergraduate training and academic excellence.
- Scripps made significant progress in defining a new undergraduate major in ocean and atmospheric sciences.
- The number of marine biology majors nearly doubled this year, from 87 in Spring 2013 to 133 in Spring 2014.
- The Scripps Undergraduate Research Fellowship (SURF) educated 20 students, including three from tribal colleges through a National Science Foundation grant for underrepresented students.

Graduate Education Highlights:

- Scripps celebrated 76 years of marine and earth science graduate training and leadership.
- Plans are under way to roll out a Master of Advanced Studies in Climate Science and Policy (MAS CSP) program.
- Four underrepresented minority students in the incoming 2014-2015 class were awarded San Diego Fellowships, a record number for Scripps.
- Five Scripps doctoral students attended the United Nations Framework Convention on Climate Change (COP19) in Warsaw, Poland, where they presented updates on Scripps research on climate change.

Fellowship Support Helps Scripps Students

Fellowships provide much-needed support for our students to prepare them for tackling some of the greatest obstacles facing our planet today. We are in the midst of adapting to a changing world and at the heart of our effort is training the next generation of researchers, policymakers, teachers, and leaders. We can't do it alone, and support for the best and brightest students at Scripps provides long-term benefits to society and the environment.

Fellowship Highlight:

Scripps Students Travel to the Vatican for Sustainability Conference

Fellowship support allowed Scripps graduate students Emily Kelly and Matt Siegfried the opportunity to interact with famed scientists, leaders, and Pope Francis during a sustainability conference at the Vatican. The two students were invited as observers to the workshop, titled "Sustainable Humanity, Sustainable Nature: Our Responsibility," which brought together 43 experts from around the world to discuss sustainability, climate change, and human dignity, among other pressing topics.

"It was an incredible experience to see so many people that are leaders in their field discussing these topics. Coming up with solutions to these problems requires that people think broadly, across disciplines, and this was the perfect setting," said Kelly.

Over the course of their five-day trip, Kelly and Siegfried observed nearly 44 hours of sustainability-related presentations given by scientists and other prominent experts. "This conference made me realize how important places like Scripps are, and how lucky I am to be in a place like this," said Siegfried.

