



## CLEAR BLUE SEA'S FALL 2018 WAS FULL OF INTERNS! KEY ACCOMPLISHMENTS 4th QUARTER 2018

**Our Internship Program.** We expanded to over 40 Interns across many San Diego Universities



UC San Diego



- USD - 9 Interns/2 Teams designed a FRED Model and Navigation/Data Communications Prototype
- SDSU - 12 Interns/2 Teams designed FRED's Debris Collection Subsystem & FRED Small-Scale Prototype
- UCSD - 8 Interns/2 Teams developed a Crowdfunding Plan & performed Environmental Policy Research
- Point Loma Nazarene - 1 Intern providing CBSea project management support
- University of Melbourne - 1 Intern developed a White Paper on Commercializing Recycled Marine Plastic
- Multi-College - 10 Person Team re-designed CBSea's website and increased Social Media performance
- Multi-College - 3 Interns joined CBSea to participate in our Program Management mentoring initiative

**Clear Blue Sea 5-Day Boot Camp Program for Interns.** This is to familiarize all new interns with the extent of the ocean plastics crisis, CBSea's mission and FRED solution, systems engineering life cycle, project management, and creative and collaborative teamwork.

**Scripps Tour for our Interns given by Tony Di Paolo.** Thanks to Grant Wagner and Tony for coordinating a tour of Scripps engineering labs for our interns to see the latest marine sensors being developed by Scripps.



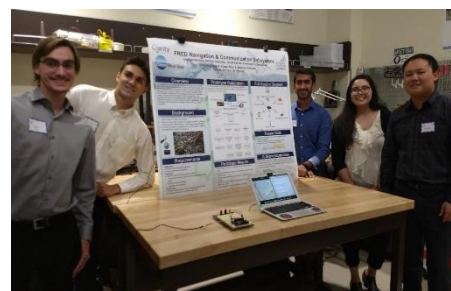
**New Strategic Advisory Group.** Thanks to Jennifer Brandon, Darcy Cook, Melissa Fischel, Jordon Gottdank, Stewart Halpern, Tom Lupfer, Lori Mendez, Sarah Slaughter for providing their strategic guidance in addressing Clear Blue Sea's greatest challenges to mission success. Key challenges include:

- Completing our first FRED fully-functional prototype in 2019 utilizing interns and donated materials
- Leveraging our extensive internship program in securing STEM educational grants
- Identifying best approaches for expanding our San Diego-based network to aligned organizations



**Clear Blue Sea Presentation at Blue Tech Week.** Jessica participated on a panel on Ocean Plastic Crisis and Solutions, and Susan participated in presenting CBSea at the Exhibit Hall for Blue Tech Week.  
**Attended Scripps Conference on Ocean Plastics.** As a member of the Scripps Corporate Alliance, met with expert scientists focused on ocean plastic research and sustainable solutions.

**FRED Solution Design and Prototyping.** With the engineering and design work performed by our FRED Prototype Teams, Clear Blue Sea advanced our FRED Architecture and Prototype Engineering Strategies.



**Special Thanks to Tom Lupfer and Stewart Halpern for their Financial and Strategic Support!**

We appreciate your interest in **Clear Blue Sea**—the **Ocean** needs more fans like you!  
Follow us on [Facebook](#), [Instagram](#), & [Twitter](#) @ClearBlueSeaOrg and keep in touch by emailing us directly: [susanb@clearblueseas.org](mailto:susanb@clearblueseas.org) and [jgottdank@clearblueseas.org](mailto:jgottdank@clearblueseas.org) or visit [www.ClearBlueSea.org](http://www.ClearBlueSea.org)