COAST is the umbrella organization for marine, coastal and coastal watershed related activities within the CSU.
COAST promotes research and education to advance our knowledge of marine and coastal resources and the processes that affect them.
COAST supports work in

Open and coastal ocean
COAST supports work in

Open and coastal ocean

Coastal zones
  — Bays, estuaries, beaches
COAST supports work in

Open and coastal ocean

Coastal zones
  — Bays, estuaries, beaches

Coastal watersheds to the extent that there are clear and direct linkages with coast or ocean
  — Anadromous fish, surface and groundwater flow, land use, water quality, climate change
NOT Limited to California
Ways to stay informed

– Website
– Student E-mail List
– Social Media

Funding Opportunities

– Student Travel Awards
– Undergraduate Student Research Support Program
– Graduate Student Research Awards
– Student Internships

Athena Maguire, Sonoma
Share Your News with COAST!

We want to hear about your news - please share it with us! We will post your story on the COAST website and/or Facebook page. Please paste a link to your news story below.

*Link to News Story

*Email Address

Submit

Open Funding Opportunities
- Graduate Student Research Awards
- Rapid Response Funding Program
- Short Course Workshop and Symposium Funding Program
- Student Travel Awards
- Undergraduate Research Support Program

Announcements
- COAST Annual Meeting: April 17-18, 2019
- COAST Announces Summer 2019 Internships
- Rapid Response and Short Course Programs Now Accepting Applications

Get Involved
- Become a Member
- Sign up for the Student Email List
- Sign up for the Faculty Email List

More Funding Opportunities
Welcome to the COAST Student pages! These pages provide information on external funding opportunities, conferences, special short courses, and internships and jobs well-suited to current students and recent graduates. COAST also has several internal programs that support USH students through research funding, travel awards and internships.

Announcements:

- COAST Summer Internships Now Accepting Applications
  Applications due by March 4, 2019 5:00 P.M. PST
- COAST Graduate Student Research Awards Now Accepting Applications
  Applications due by January 31, 2019 5:00 P.M. PST
- AV 2018-19 COAST Student Travel Award Funding Available
  Rolling deadline
- Funded Master’s Opportunity at Cal Poly San Luis Obispo in nearshore fisheries, climate change, and oceanography
  Applications due by February 1, 2019
- USC Sea Grant Knauss Sea Grant Fellowship Now Accepting Applications
  Applications due by February 22, 2019
- California Sea Grant John A. Knauss Marine Policy Fellowship Now Accepting Applications
  Applications due by February 22, 2019
Funding & Career Resources

- Internships and Jobs
  - Internship and job opportunities.
  - Learn More

- Funding & Fellowships
  - External funding opportunities for students.
  - Learn More

- Conferences & Classes
  - Conferences and special short courses.
  - Learn More

- Resume Building
  - Resources to help students build a resume.
  - Learn More

- Career Information
  - Resources to learn about marine-related careers.
  - Learn More
Resume Building

In addition to career resources available on your campus, COAST has compiled the following resources to help you build your professional resume.

CV vs. Resume: What is the Difference? When to Use Which. Upwork
How to Write Your First Resume. LiveCareer
Scientific Resume Examples. LiveCareer
Sample Resumes, UC Davis Internship and Career Center
Sample Resumes by Field. San José State University Career Center
Sample Resumes for Biology Majors. Towson University
Biology Resume Objective Examples. Cover Letters and Resume
Resume Building for Engineering Students. Iowa State University College of Engineering
Tailored Engineering Resumes and Cover Letters. Cornell University
Essential Resume Advice for First Year Students. Carnegie Mellon Career and Professional Development Center
How to Write a Resume for a Science Internship. Teacher Web
Job Search Document Resources. Penn State College of Engineering
Tips for Writing a Resume. Texas A&M University
Resumes and Cover Letters. University of Texas at Austin
Resumes and Vistas Help. Purdue Online Writing Lab
Student Funding Opportunities

Student Travel Awards
Graduate Student Research Awards
Undergraduate Student Research Support Program
Student Internships
Student Funding Frequently Asked Questions

Please see below for frequently asked questions (FAQ) about our student funding programs.

Graduate Student Research Awards | Student Internships | Student Travel Awards

Undergraduate Student Research Support Program

Graduate Student Research Awards

Have you read the COAST Graduate Student Research Award materials closely, but still have questions about the program? See below for some common questions and answers.

Remember to check out examples of highly ranked Graduate Student Research Award applications from previous years!

Q: I am an international or undocumented student. Can I still apply for this program?
   Applicants are not required to be U.S. citizens; international and undocumented students are eligible to apply.

Q: I am requesting all funds be sent through my Financial aid office. Do I need to submit a Departmental Commitment Form?
   No. If you are requesting that the entire award be paid directly to you to help defray personal living expenses or tuition, you do NOT need to submit a Departmental Commitment Form.
csucoast
Student Travel Awards

- CSU undergraduate and graduate students
- Present results of original research at scientific meetings and conferences
- Travel within California
  - Up to $750
- Travel outside of California
  - Up to $1000
- Funding available for April-June 2019
Graduate Student Research Awards

- $3,000 awards to graduate students conducting marine, coastal and coastal watershed research
- Make ~30 awards each year
- Next opportunity Fall 2019

Sara Briley, Fullerton
Undergraduate Student Research Support Program

- $2,500 available to campus to support undergraduate student marine, coastal and coastal watershed research and related activities.

- Talk to faculty member you want to work with.
Paid COAST
Summer Internships

- Marine/coastal/coastal watershed focused
- For continuing students
- State and federal agencies, non-profits, and private industry
- 400-hour commitment (10-11 weeks)
- $5,000 stipend!

Xander Taylor, Pomona
Summer 2019 Internship Hosts

- CA Dept. of Fish and Wildlife Marine Region
- CA Ocean Science Trust
- CA State Lands Commission
- Marine Applied Research & Exploration
- NOAA National Marine Sanctuaries
- NOAA National Marine Fisheries Service
- NOAA CoastWatch West Coast Regional Node
- SeaTrec, Inc.
- Tijuana River National Estuarine Research Reserve
Please click on the internship title in the table below for individual internship descriptions.

<table>
<thead>
<tr>
<th>Internship Host</th>
<th>Internship Title</th>
<th>Location in CA (unless noted otherwise)</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Department of Fish and Wildlife Marine Region</td>
<td>California Salty Lobster Fisheries Management</td>
<td>San Diego</td>
</tr>
<tr>
<td></td>
<td>Northern California Marine Invertebrate Fisheries Management</td>
<td>Buoyed Bay</td>
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<tr>
<td>California Ocean Science Trust</td>
<td>Climate Change and Ocean Acidification</td>
<td>Oakland</td>
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<tr>
<td>California State Lands Commission Marine Invasive Species Program</td>
<td>Vessel Patterns Analysis and Data Visualization</td>
<td>Sacramento</td>
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<td></td>
<td>Southern California Vessel Ricketting Management</td>
<td>Long Beach</td>
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<tr>
<td>Channel Islands National Marine Sanctuary</td>
<td>Ocean Exploration*</td>
<td>Santa Barbara</td>
</tr>
<tr>
<td>Marine Applied Research &amp; Exploration</td>
<td>Marine Gis Analyst*</td>
<td>Eureka</td>
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<tr>
<td></td>
<td>Marine Engineering</td>
<td>Richmond</td>
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<tr>
<td>NOAA CoastWatch West Coast Regional Node</td>
<td>Ocean Satellite Data*</td>
<td>Santa Cruz</td>
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<tr>
<td>NOAA's National Marine Fisheries Service Protection Resources Division</td>
<td>Abalone Conservation*</td>
<td>Long Beach</td>
</tr>
<tr>
<td></td>
<td>Whale Entanglement*</td>
<td>Seattle, WA</td>
</tr>
<tr>
<td>NOAA's National Marine Fisheries Service Sustainable Fisheries Division</td>
<td>Dolphin-Safe Tuna Tracking*</td>
<td>Long Beach</td>
</tr>
<tr>
<td>Office of the National Marine Sanctuaries West Coast Region</td>
<td>Seabird Conservation*</td>
<td>San Francisco or Monterey</td>
</tr>
<tr>
<td>Seatrec, Inc.</td>
<td>Oceanographic Data Analysis and Web Development*</td>
<td>Monrovia</td>
</tr>
<tr>
<td>Tijuana River National Estuarine Research Reserve</td>
<td>Biodiector Trends and Analysis*</td>
<td>Imperial Beach</td>
</tr>
</tbody>
</table>

*Internship contingent upon funding

1 Core internship duties may be performed by students with physical disabilities or limitations.
Application Components

- Experience
  - Courses, computer skills, field and lab
- Interest and goals
- Qualifications
- Resume
- Transcripts
- Letter of recommendation from CSU faculty member
Application Procedures

• Apply for up to FOUR internships
  – Separate application for each internship
  – Same resume, transcript, and letter can be used for multiple applications
Timeline

Application deadline: March 4, 2019
5:00 p.m. Pacific time

• Interview and selection process: March–April

• Applicants notified: Late April-early May

• Internship start: Early June

Trevor Manger, Sonoma
California Spiny Lobster Fisheries Management

- California spiny lobster, crab, shrimp, prawn, abalone, and giant keyhole limpets
- Lab and field work

Derek Stein, CDFW
Northern California Marine Invertebrate Fisheries Management (2 positions)

- Abalone, Dungeness crab, urchins, and clams
- Lab and field work
CA Ocean Science Trust
Oakland

Climate Change and Ocean Acidification

- Translating science for diverse audiences
- Working with expert scientists
CA State Lands Commission
Marine Invasive Species Project

Vessel Patterns Analysis and Data Visualization
  • Sacramento

Southern California Vessel Biofouling Management
  • Long Beach
Ocean Exploration

- Education and outreach
- Planning and execution of ship-based research missions
- Habitat monitoring and characterization
Marine Applied Research & Exploration

Marine Engineering
• Richmond

Marine GIS Analyst
• Eureka

Lukas Kennedy, Humboldt
NOAA CoastWatch
West Coast Regional Node
Santa Cruz

Ocean Satellite Data
- Generation products based on SST, chl-a, salinity, surface winds
- Experience with editing HTML files, programming in R, Python, Unix
NOAA’s National Marine Fisheries Service
Protected Resources Division
Long Beach

Abalone Conservation
• Abalone recovery plans
• Captive breeding programs at local aquaria
• Lab and field work
• Scientific diving optional
Whale Entanglement

• Analyze whale entanglement data
• Support engagement with stakeholders

NOAA’s John Moran cuts line entangling a whale. Andy Dietrick/NOAA MMHSRP Permit #18786-03
NOAA’s National Marine Fisheries Service
Sustainable Fisheries Division
Long Beach

Dolphin-Safe Tuna Tracking
Seabird Conservation

- Describe seabird conservation efforts
- Highlight sustainable ways to recreate around seabirds
- Public education
Seatrec, Inc.
Monrovia

Oceanographic Data Analysis and Web Development
• Web development and scientific data analysis
Tijuana River National Estuarine Research Reserve
Imperial Beach

Bioindicator Trends and Analysis

- Selection and analysis of long term trends in bioindicators
- Field work opportunities - water quality monitoring and habitat mapping
Internship Benefits

• Work side-by-side with scientists and managers in field and laboratory settings
• Learn technical and professional skills
• Workplace experience
• $5,000 stipend!

Annie Nash, Humboldt
The most important thing I learned was how the real world of engineering works. I have learned things during this internship that could only be experienced by working in the field.

–Gabriel Kardener

My internship experience gave me realistic career goals to strive for...and a professional network that will continue to mentor me in the future.

–Jessica Bray

This internship has made me feel incredibly prepared to head into my career confidently, knowing that I have a set of skills that is applicable to what I want to do.

-Greta Goshorn
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www.calstate.edu/coast