What is COAST?
CSU-wide network of faculty members and students actively working to address critical marine, coastal and coastal watershed issues.
What does COAST do?
Promotes research and education to advance our knowledge of marine and coastal resources and the processes that affect them.
COAST supports marine, coastal and coastal watershed research

The open and coastal ocean
COAST supports marine, coastal and coastal watershed research

Coastal zones (bays, estuaries, beaches)
COAST supports marine, coastal and coastal watershed research

Coastal watersheds
Clear and direct linkages with coast or ocean: anadromous fish, surface and groundwater flow, water quality, land use, etc.
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
CSU Council on Ocean Affairs, Science & Technology

Dr. Luke Miller and Graduate Student Gabriella Kalbach, San Diego State, Utilize Oysters as Biological Sensors in Estuaries
1/22/2020
Estuaries are dramatically changing environments that experience "very strong gradients in temperature, salinity" and "all of the physical parameters that are much stronger than you see in the open ocean." To gain insight into how oysters cope in this environment, San Diego State researchers, Dr. Luke Miller, and graduate student Gabriella Kalbach, deploy oysters with magnetic sensors to measure biological behavior.

COAST Launches $2.6M Program to Support State Science Needs
1/17/2020
Through the new State Science Information Needs Program (SSINP), COAST will fund $2.6M in research by CSU faculty members to support the state of California's highest priority ocean, coastal, and coastal watershed related science needs. The goal of the program is to provide the science needed for informed policy development and evidence-based decision making in a timely and actionable manner. COAST is now accepting proposals for RFP 1: microplastics and microfibers.
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

*E-mail Address

Submit

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**Open Funding Opportunities**

- State Science Information Needs Program
- Summer 2020 Student Internships
- 2019-20 Graduate Student Research Award Program
- 2019-20 Rapid Response Funding Program
- 2019-20 Short Course, Workshop, and Symposium Funding Program
- 2019-20 Seminar Speaker Series Program
- 2019-20 Student Travel Awards

More Funding Opportunities

**Announcements**

- COAST 2019 Annual Report Now Available
- Save the Date! COAST Annual Meeting Friday, October 9, 2020, Chancellor’s Office, Long Beach
- Rapid Response Project Spotlight: Post-wildfire vegetation recovery and sediment change of a coastal California watershed

**Get Involved**

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

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Red arrows point to the sections of the page.
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 CSU students through research funding, travel awards and internships.

Announcements:

- **COAST Summer 2020 Student Internships** Now Accepting Applications!
  Deadline: March 2, 2020, 5:00 pm

- **Graduate Fellowships in Coastal and Marine Ecosystems Research at CSU, Monterey Bay**
  Deadline: February 1, 2020

- **Monterey Bay Regional Ocean Science Research Experiences for Undergraduates (REU), CSU Monterey Bay** | Flyer
  Deadline: February 1, 2020

- **AY 2019-20 COAST Student Travel Award Funding Available**
  Deadline: Rolling

- **AY 2019-20 COAST Graduate Student Research Award Program Now Accepting Applications!**
  Deadline: January 30, 2020

- **Research Experiences for Undergraduates (REU)-NSF in Conservation Science at Zoo Miami**
  Deadline: February 2, 2020

1,258
Student awards funded by COAST
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, Uptowork
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, TeacherWeb
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 Vitas Help, Purdue Online Writing Lab
csucoast
Student Funding Opportunities

Student Travel Awards
Undergraduate Student Research Support Program
Graduate Student Research Awards
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.
Student Travel Awards

- CSU undergraduate and graduate students
- Present results of original research
- Scientific meetings and conferences
- Travel within California
  - Up to $750
- Travel outside of California
  - Up to $1000
Funding available for travel through June 30, 2020

Submit abstract ASAP then apply to COAST
Undergraduate Student Research Support Program

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

- Faculty member with whom you will be working
- Campus Faculty Representatives
Graduate Student Research Awards

• $3,000 awards to graduate students conducting marine, coastal and coastal watershed research

• Research and/or living expenses

• Make ~30 awards annually

• Next opportunity: Sept. 2020
POP QUIZ
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)
- $6,000 stipend!
Summer 2020 Internship Hosts

- CA Dept. of Fish and Wildlife
- CA Ocean Science Trust
- CA State Lands Commission
- Marine Applied Research & Exploration
- NOAA National Marine Sanctuaries
- NOAA National Marine Fisheries Service
- NOAA CoastWatch
- SeaTrec, Inc.
- Smithsonian Environmental Research Center
- Tijuana River National Estuarine Research Reserve
<table>
<thead>
<tr>
<th>Internship Host</th>
<th>Internship Title</th>
<th>Location in CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Department of Fish and Wildlife Marine Region</td>
<td>Emerging Box Crab Fishery (2 positions)</td>
<td>Santa Barbara</td>
</tr>
<tr>
<td></td>
<td>Northern California Marine Invertebrate Fisheries Management (2 positions)</td>
<td>Bodega Bay</td>
</tr>
<tr>
<td></td>
<td>Southern California Marine Invertebrate Fisheries Management</td>
<td>San Diego</td>
</tr>
<tr>
<td>California Department of Fish and Wildlife Office of Spill Prevention and Response</td>
<td>Natural Resource Damage Assessment*</td>
<td>Sacramento</td>
</tr>
<tr>
<td>California Ocean Science Trust</td>
<td>Science-Policy*</td>
<td>Sacramento</td>
</tr>
<tr>
<td>California State Lands Commission</td>
<td>Marina Invasive Species</td>
<td>Long Beach</td>
</tr>
<tr>
<td>Marine Invasive Species Program</td>
<td></td>
<td></td>
</tr>
<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 Computer Programming*</td>
<td>Eureka</td>
</tr>
<tr>
<td>NOAA CoastWatch West Coast Regional Node</td>
<td>Ocean Satellite Data</td>
<td>Santa Cruz</td>
</tr>
<tr>
<td>NOAA's National Marine Fisheries Service, Protected Resources Division</td>
<td>Abalone Conservation*</td>
<td>Long Beach</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>Chumash Heritage National Marine Sanctuary Nomination*</td>
<td>Monterey</td>
</tr>
<tr>
<td>Seatrec, Inc.</td>
<td>Ocean Data Analysis and Visualization*</td>
<td>Monrovia</td>
</tr>
<tr>
<td>Smithsonian Environmental Research Center</td>
<td>San Francisco Bay Fouling Community Ecology</td>
<td>Tiburon</td>
</tr>
<tr>
<td>Tijuana River National Estuarine Research Reserve</td>
<td>Bioccurring Trends and Analysis*</td>
<td>Imperial Beach</td>
</tr>
</tbody>
</table>

*Internship contingent upon funding

**Core internship duties may be performed by students with physical disabilities or limitations.
Academic Background

- Biology, chemistry, marine ecology, natural resources, oceanography,
- Environmental science or policy
- Computer science
- Statistical concepts and methods
Computer Skills

• Programming: Python Script, R
• Microsoft Office, including Access
• ArcGIS
• Familiarity with html, basic Unix command line tools and file structures
• Web development
Soft Skills

- Excellent verbal, written, and organizational skills
- Strong interpersonal and communication skills
- Critical thinking, analytical and problem solving skills
- Ability to work in team setting
Application Procedures

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

Customize each application

• Relevant experience
  – List courses, computer skills,
  – Describe field and lab experience

• Interest, goals and qualifications
Application Components

Use the same for each application

• Resume
• Transcripts
• Letter of recommendation from CSU faculty member
Timeline

Application deadline: March 2, 2020
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
Informational Webinar

SAVE THE DATE!

Tuesday, February 4, 2020
12:00 – 1:00 pm
RSVP:

Go over application process and requirements
Opportunity to ask questions
Internship Benefits

• Work side-by-side with scientists and managers in field and laboratory settings
• Learn technical and professional skills
• Workplace experience
• $6,000 stipend!
Internship Impact

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, Cal Poly SLO

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, CSU Monterey Bay

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, Humboldt State
Pop Quiz
Contact Information

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www.calstate.edu/coast