

Microbial Energy at Sea: Official Application Form

An Oceanographic Research Cruise Experience for CSU Undergraduate Students

**Application Deadline: 11:59pm (Pacific Daylight Time) December 2,
2024**

CSU COAST, in partnership with University of Miami (UM), Scripps Institution of Oceanography (SIO), and California State University, Monterey Bay (CSUMB) is pleased to offer this opportunity for CSU undergraduate students to participate in an oceanographic research cruise. The 21-day cruise investigating marine microbial energetics off the coast of California will occur Summer, 2025. Students will be involved in all main cruise activities and will develop their own independent research projects to be carried out during the cruise.

Qualtrics will send you an email confirming your submission. Please keep this email. If you do not receive a confirmation email, or if you are having trouble using this form or are unable to upload any documents, please contact Adam Paganini (apaganini@csumb.edu) immediately. COAST is not responsible for applications that were not successfully submitted if applicants cannot provide a copy of the Qualtrics confirmation email.

Please review the [Microbial Energy at Sea website](#) in detail. All application materials must be received by the deadline. Applications received after the deadline will not be considered.

This file was exported as a PDF from the web portal at 9:46am PDT on 9/17/2024 by AWP.

Section 1 Applicant Personal Information

Please enter your contact information below.

First Name _____

Last Name _____

Student ID _____

Best contact number _____

CSU email address _____

Campus

- Bakersfield
- Channel Islands
- Chico
- Dominguez Hills
- East Bay
- Fresno
- Fullerton
- Humboldt
- Long Beach
- Los Angeles
- Maritime Academy
- Monterey Bay
- Northridge
- Pomona
- Sacramento
- San Bernardino
- San Diego
- San Francisco
- San José
- San Luis Obispo

- San Marcos
 - Sonoma
 - Stanislaus
 - Other: _____
-

Expected graduation term:

- Fall 2025
 - Spring 2026
 - Fall 2026
 - Spring 2027
 - Fall 2027
 - Beyond 2027
-

Please confirm that you have or will have completed at least 1 lab class in your major by June 2025.

- Yes
 - No
-

Have you spent time aboard a scientific research vessel (R/V)?

- No, I have not spent anytime aboard an R/V
- Yes, I have spent time aboard an R/V, but not overnight.
- Yes, I have spent time aboard an R/V including overnight.

If you answered "yes" to the question above, then please give a brief description of the experience in the box below. (suggested length: 3-5 sentences)

How did you learn about this opportunity?

- Faculty member
- COAST student email list
- Internet search
- Other _____

Please confirm that you have completed two years of coursework (60 semester units or 90 quarter units) by June 2025. (Please note that if you answer "no", then you will not be eligible for this opportunity)

Yes

No

Section 2 Microbial Energy at Sea Application Questions

Please tell us why you want to go on the Microbial Energy at Sea Oceanographic Research Cruise? (Suggested range: 300-400 words)

Please describe your academic background and any STEM-related training. Please elaborate on any basic scientific skills you have learned from coursework, like skills learned in basic biology, chemistry or physics lab classes. (Suggested range: 200-300 words)

Have you conducted independent research outside of your classes? **It's totally fine if you don't have this experience!**

- Yes
- No
-

If you answered "Yes" to the question above, then please tell us about the independent research you have conducted. (Suggested range: 100-200 words)

What unique skills and attributes do you think you can bring to this opportunity? (for example; curiosity, persistence, problem-solving skills, analytical skills, interpersonal skills, etc.) (Suggested range: 200-300 words)

OPTIONAL: Please tell us anything else you think we should know about you and any other special skills you have.

Please upload a PDF of your unofficial academic transcripts here:

Section 3: CSU Faculty Sponsor Information

Provide the contact information for your Faculty Sponsor (this person MUST be at your campus):

Faculty sponsor first name:

Faculty sponsor last name:

Faculty sponsor campus: _____

Faculty sponsor university email address:

Faculty sponsor phone number:

Please confirm all of the following in order to submit:

You have discussed this opportunity with your faculty sponsor.

Your faculty sponsor has reviewed the Microbial Energy At Sea website and project description.

Your faculty sponsor has agreed to sponsor you if you are selected for this opportunity.

Section 4 Demographic Survey

Please note: COAST collects applicant demographic data with the ultimate goal of increasing visibility of personal identities not traditionally seen in the marine sciences. This information will NOT be used to select or place applicants and will not be shared with anyone. This survey is required for applicants, however you can choose "decline to state" for each question.

Do you identify as a member of a racial or ethnic group that has been historically excluded from marine and coastal science? This includes but is not limited to the following groups: Hispanic, Latina/o, Black or African American, Asian (including East, South and Southeast Asian), Pacific Islander, American Indian, Alaska Native, or a combination of identities.

- Yes
 - No
 - Decline to state
-

How do you identify your gender?

- Male
 - Female
 - Non-binary / third gender
 - Decline to state
-

Are you the first person in your immediate family to attend college at a four-year university?

- Yes
 - No
 - Decline to state
-

Do you receive or qualify for any types of financial aid?

- Yes
- No
- Decline to state

----- End of Application -----