

2016 Summer Research Institute

What is the Summer Research Institute?

SUMMER RESEARCH INSTITUTE, JUNE 1 - JUNE 22, 2016

ALL APPLICATIONS ARE DUE BY 5:00 PM ON FRIDAY, February 19, 2016.

Project ACCESO seeks to increase the number of under-served students (defined as Hispanic and low-income students) who are succeeding in and graduating from STEM majors at CI, to increase the number of underserved students interested in pursuing bachelor's degrees in STEM, and to assist under-served students in their development of critical STEM skill sets, e.g., critical thinking, analytical reasoning, scientific literacy, and interdisciplinary communication.

Application Evaluation Criteria:

Project ACCESO's mission statement has led to the below values that will form the basis for the evaluation of student applications. **ALL students are encouraged to apply.**

- First-generation college students (parents do not hold a college degree) will be given priority.
- Students who are B students will be given priority over students who have lower or higher GPAs.
- Students who have a personal statement that reflects a passion for science, imagination, enthusiasm, maturity, leadership, tenacity, and/or initiative will be given priority.
- Students who have not previously participated in a paid research position will receive priority.
- Students who have had an educational barrier in their pursuit of higher education will be given priority. Examples of educational barriers include having been educated at an under-resourced high school (e.g. high drop-out rates, poor facilities, high poverty, low standardized test scores), having a language barrier at some point in their education, changing schools frequently, etc.
- Students who have had an economic barrier in their pursuit of higher education will be given priority. Examples of economic barriers include being a single parent, not

receiving support from your family for college education, responsible for the income generated in a household with dependents, loss of financial aid eligibility, etc.

Some of the information in the application is used for information only. The range of possible points are listed for each of the questions used in the evaluation of your application.

For questions regarding the Summer Research Institute or the application please contact:

Carolina Mendez, Research Coordinator
Project ACCESO
CSU Channel Islands
(805) 437-3599

Due to federal funding, the successful candidate must be able to show proof of eligibility to work in the United States. Students who are AB540 are eligible and welcome to participate in the institute as volunteers

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Personal Information

1. General and Personal Information

Last Name

First Name

Street Address

City

State

Zip Code

Home Phone

Cell Phone

Off-campus email
address

Campus email
address

2. What is your gender?

Female

Male

3. Please indicate your mother's and father's highest level of education (whomever you consider to be your mother or father)

| | | | | | | |
|---------------------------------------|-----------------------------|-----------------|----------------------------------|----------------------------------|---|------------------|
| Did not complete high school | Completed high school | Some college | AA/AS degree or equivalent | BA/BS degree or equivalent | Doctoral degree (e.g. Phd, EdD, MD, JD) | I do not know |
|---------------------------------------|-----------------------------|-----------------|----------------------------------|----------------------------------|---|------------------|

| | | | | | | | |
|--------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Mother | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Father | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

4. What languages do you speak (including English) and at what level of proficiency (elementary, intermediate, advanced, native)?

5. Will you be at least 18 years of age by June 1, 2016?

- Yes
- No

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Educational Information

6. What institution are you currently enrolled? Check all that apply

- Cal State Channel Islands
- Oxnard College
- Ventura College
- Santa Barbara City College

Other (please specify)

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Educational Information

7. Do you plan to transfer to a 4-year university in the future?

Yes

No

8. What is your major?

Applied Physics

Biology

Chemistry

Computer Science

Environmental Science & Resource Management

Mathematics

Planning to declared STEM

Other (please specify)

9. What is your current overall GPA? We will compare this self-reported value with your transcripts.

10. Have you completed intermediate algebra or a higher level math class with a grade of C or better?

Yes, I have

No, I have not

11. Have you been accepted at a 4-year college or university for Fall 2016?

- Yes
- Waiting on responses
- Did not applied this term

12. Please list all college level science and math courses you have completed or will complete by the end of Spring 2016.

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Background Information

13. Describe any educational barriers you face or have faced in your pursuit to higher education. Examples of educational barriers include having been educated at an under-resourced high school (e.g. high drop-out rates, poor facilities, high poverty, low standardized test scores) having a language barrier at some point in your education, and changing schools frequently. You should clearly indicate how this barrier has affected your study of a STEM discipline.

14. Describe any economic barrier you face or have faced in your pursuit to higher education. Examples of economic barriers include being a single parent, not receiving support from your family for college education, responsible for the income generated in a household with dependents, loss of financial aid eligibility, etc. You should clearly indicate how this barrier has affected your study of a STEM discipline.

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Employment Information

15. Are you currently employed?

Yes

No

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Employment Information

16. How many hours will you be employed during the dates of the Summer Research Institute, June 1- June 22, 2016?

- 5-10 hours
- 11-15 hours
- 16-20 hours
- More than 20 hours

17. Will you be able to arrange your schedule to attend the Summer Research Institute weekdays from 8:30 am to 5:30 pm, June 1- June 22, 2016?

- Yes
- No

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Previous and Current Research Experience

18. Please describe any previous research experience(s) in which you have participated. Include date, location, supervisor, and a one-sentence description of project. If you have participated in more than one research internship, provide information for each.

19. Are you currently conducting research with a CI faculty member?

Yes

No

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Previous and Current Research Experience

20. Please list the name of the faculty member with whom you are working.

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Personal Statement

21. Please provide a personal statement that addresses your passion for science, imagination, enthusiasm, maturity, leadership, tenacity and/or initiative. Your essay must be at least 750 words (3750 characters) but no more than 1200 words (6000 characters). Applications that do not include a personal statement will not be reviewed.

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Research Interest

22. Although it is not always possible to match student researchers in their first choice discipline from the below list of CI STEM majors, please list your first and second choices.

| | First choice discipline | Second choice discipline |
|--|-------------------------|--------------------------|
| Applied Physics | <input type="radio"/> | <input type="radio"/> |
| Biology | <input type="radio"/> | <input type="radio"/> |
| Chemistry | <input type="radio"/> | <input type="radio"/> |
| Computer Science/ Information Technology | <input type="radio"/> | <input type="radio"/> |
| Environmental Science & Resource Management | <input type="radio"/> | <input type="radio"/> |
| Mathematics | <input type="radio"/> | <input type="radio"/> |

23. Do you have a specific CI faculty member(s) with whom you would like to conduct summer research?

- Yes
- No

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Research Insterest

24. CI Faculty Member Name(s): if more than one is listed, please rank your request.

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Letter of Recommendation

25. Please provide contact information for a faculty member who will write you a letter of recommendation. Request your letter and mail or deliver it to Carolina Mendez, CSU Channel Islands, One University Drive, El Dorado Hall Room 103, Camarillo, CA 93012. Alternatively, you may ask your recommender to email your letter directly to carolina.mendez571@csuci.edu

Name

Campus/
Department

Phone Number

Email

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Additional Information

26. How did you find out about the 2016 Summer Research Institute?

- Professor/ Instructor
- Advisor/ Counselor
- Flyer posted on campus
- Electronic media (email, website, etc.)
- Other (please specify)

27. I agree to allow the Project ACCESO staff to review my personal information as well as my coursework and grades in Peoplesoft or submission of my transcripts. All information will be kept confidential. Eligibility for the Summer Research Institute will be contingent upon staff being able to confirm information in the

- Yes
- No

28. If accepted, will you need special accommodations? (e.g. wheelchair access, visual or hearing assistance?)

- Yes
- No

29. To complete your application, you will need to provide Project ACCESO with an unofficial copy of your transcripts. Please email/mail your unofficial copy of your transcripts to the contact below:

**Carolina Mendez
CSU Channel Islands
One University Drive, El Dorado Hall Room 103,**

Camarillo, CA 93012

carolina.mendez571@csuci.edu,

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