

The UC Santa Barbara Edison STEM Summer Research Program is funded by Edison International.



# EDISON STEM SUMMER RESEARCH PROGRAM

2021

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

**Deadline to Apply**

~~March 15, 2021 @ 12:00pm (noon)~~  
**Extended Deadline: April 27, 2021 @ 4:00pm**

Please email application to:

[mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu)

The information in this application is solely for the purpose of determining the applicant's eligibility for the Edison STEM Summer Research Program. Information received is treated confidentially.

# EDISON STEM SUMMER RESEARCH PROGRAM

## University of California, Santa Barbara

### Eligibility Checklist

Use this list to verify that you are eligible for the Edison STEM Summer Research Program.

- Currently enrolled at UCSB
- GPA of 3.0 or above
- Must be a citizen, permanent resident of the United States, or Dream Scholar
- Must have completed at least one upper division course in your listed major
- Engaged in academic research during summer with UCSB faculty mentor
- Eligible Majors (B.S. Majors Only):
  - Chemical Engineering
  - Chemistry
  - Computer Engineering
  - Computer Science
  - Earth Science
  - Electrical Engineering
  - Environmental Studies
  - Mathematics
  - Mechanical Engineering
  - Physics
  - Statistics
- Scholarships are available to low-income, first-generation, veterans, or students underrepresented in Edison-specified fields.

If you checked all the boxes, then you are eligible to apply for the Edison STEM Summer Research Program. **Please email your application to [mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu).**

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### Application Checklist

The following items must be submitted for your application to be evaluated:

- Edison STEM Summer Research Application
- One letter of recommendation from a UCSB faculty mentor
- One copy of your most recent unofficial transcripts

**Please read all application directions thoroughly.**

Only students whose applications are complete and have adhered to the directions given will be considered for participation in the Edison STEM Summer Research Program.

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# EDISON STEM SUMMER RESEARCH PROGRAM

DATE: \_\_\_\_\_

## APPLICANT INFORMATION

Name \_\_\_\_\_  
Last First Middle  
Current Address \_\_\_\_\_  
City State Zip  
Permanent Address \_\_\_\_\_  
City State Zip  
Santa Barbara/Local Phone \_\_\_\_\_ Permanent Phone \_\_\_\_\_  
E-mail Address \_\_\_\_\_ Date of Birth \_\_\_\_\_ Gender \_\_\_\_\_  
Perm # \_\_\_\_\_ Major \_\_\_\_\_ Year \_\_\_\_\_  
Last Quarter G.P.A. \_\_\_\_\_ Cum G.P.A. \_\_\_\_\_ Graduation Quarter & Yr \_\_\_\_\_  
Research Interests (in 5-10 words) \_\_\_\_\_  
\_\_\_\_\_

Citizenship (check one):  U.S. Citizen  Permanent Resident  Other(specify) \_\_\_\_\_

Ethnic Heritage (check all that apply):

- African American  Latino  White  
 Chicano/Mexican-American  Filipino  Asian American  
 Native American  Pacific Islander  Other \_\_\_\_\_(specify)  
\_\_\_\_\_ (tribe)

## FAMILY INFORMATION

Mother's Highest Grade Completed: \_\_\_\_\_

College Degree Earned (Check all that apply):

- Associate  Bachelor's  Master's  Doctorate  None

Father's Highest Grade Completed: \_\_\_\_\_

College Degree Earned (Check all that apply):

- Associate  Bachelor's  Master's  Doctorate  None

## FAFSA INFORMATION

You can find on your FAFSA Student Aid Report (SAR) at: <https://fafsa.ed.gov>.  
List N/A if you don't qualify for financial aid.

Expected Family Contribution: \_\_\_\_\_

<b>Staff only</b>		
<b>L/I</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>FG</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
<b>URM</b>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
x	_____	
x	_____	

# Statement of Interest

The statement is required of all students who apply to the Edison STEM Summer Research Program. Please provide a summary of your personal background as well as the research experience in which you are involved or will be involved in at UCSB during this summer with a UCSB faculty mentor. A thoughtful, well-constructed, and candid response is expected.

*(250-500 typed words)*

# Future Plans

Please provide a description of what you plan to do after you complete your Bachelor's degree? A thoughtful, well-constructed, and candid response is expected.

*(150 typed words or less)*

## Educational Experiences (if applicable)

Please list and describe participation in special programs (MESA, STEP, CAMP, UC LEADS, SACNAS, etc.)

*(100 typed words or less)*

List and describe awards, honors, and participation and leadership in academic/campus organizations and activities:

*(100 typed words or less)*

## LETTER OF RECOMMENDATION

We require ONE letter of recommendation from the UCSB faculty mentor you will be working with in the summer. The form is a part of this application package.

The letter should address how your academic interests and preparation make you well-suited for the research you will undertake in the summer.

Please keep in mind that this is a significant element of your application. For our records, please list the name of the individual from whom you are requesting a letter.

Recommender Name: _____
Department _____ Position/Title _____
Email: _____
Phone Number: _____
Will there be anyone else helping you with your research this summer (e.g. a postdoc, grad student)? If so, list their name and email.
Name: _____
Email: _____

**Please provide Page 5 to your UCSB faculty mentor.**

**Letter of Recommendation should be emailed to [mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu)**

### APPLICANT SIGNATURE

My signature below indicates that, to the best of my knowledge, the information given in this application is true, complete, and accurate.

I give permission to the McNair Scholars Program Staff to check my UCSB grades in order to determine program eligibility.

Participant Name (PRINT): \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

*Please submit an electronic application to:*

**[mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu)**

This page is for faculty mentors.



## Edison STEM Summer Research Program

University of California, Santa Barbara

### LETTER OF RECOMMENDATION

*This section is to be completed by the **student** applicant.*

Full Legal Name \_\_\_\_\_

Waiver (Optional): I voluntarily waive my rights to review this letter of recommendation conferred by the Family Education Rights and Privacy Act of 1974. *(This waiver is not required as a condition of admission to or receipt of any other services and benefits from the Edison STEM Summer Research Program.)*

Signature \_\_\_\_\_ Date \_\_\_\_\_

*Dear Recommender,*

*The Edison STEM Summer Research Program is designed to encourage talented undergraduates students to participate in research under the direction of a UCSB faculty mentor in Chemical Engineering, Chemistry, Computer Engineering, Computer Science, Earth Science, Electrical Engineering, Environmental Studies, Mathematics, Mechanical Engineering, Physics, or Statistics; meet weekly in a seminar with a graduate student mentor for professional development activities; and present their research in a poster or oral format in August 2021. Program runs from June 21 through August 13, 2021.*

As a recommender, please feel free to submit a traditional letter of recommendation or respond to the three questions listed here.

1. How long have you known the applicant and in what capacity?
2. Briefly describe your observations of the applicant's motivation for research and/or graduate study.
3. What is your candid appraisal of the applicant's intellectual ability, aptitude in research, potential for summer research, and the quality of previous work?

**Submit this form along with letter of recommendation  
by email to [mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu)  
due March 15, 2021 @ 12pm (noon)  
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***For more information, please contact:***  
McNair Scholars Program  
[mcnair@mcnair.ucsb.edu](mailto:mcnair@mcnair.ucsb.edu)