

# S-STEM Scholar Program

The National Science Foundation in support of California State University, San Bernardino  
S-STEM Transfer Student Application Form

The National Science Foundation (NSF) has awarded CSUSB a grant for scholarships to **new transfer** students majoring in mathematics and science disciplines at CSUSB and who meet the described eligibility criteria. It is designed to recruit and retain more students to the STEM disciplines. The *S-STEM Scholar* program targets academically talented students who demonstrate **financial need** and who intend to pursue a **major in science, technology, engineering or mathematics**. Need-based awards will be up to **\$8000/year** per student for up to 3 years as long as the student is enrolled full-time and remains in good academic standing.

## Eligibility Criteria to Apply:

1. Full-time enrollment (**minimum 12 unites per quarter**) at CSUSB with a declared major in Biology, Chemistry/Biochemistry, Computer Science/Engineering, Geological Sciences, Mathematics, or Physics.
2. Transfer cumulative GPA must be 3.0 or higher and must be **entering CSUSB in the Fall of 2020**.
3. Evidence of financial need, as determined by the Office of Financial Aid at CSUSB.
4. Must be a citizen of the United States, National of the United States (as defined in section 101 (a) of the Immigration and Nationality Act), alien admitted as refugee under Section 207 of the Immigration and Nationality Act, or alien lawfully admitted to the United States for permanent residence at the time of submitting your application.
5. Must have demonstrated an interest in science and actively pursuing a career in either scientific research, industry or in teaching science in one of the STEM disciplines: Biology, Chemistry/Biochemistry, Computer Science/Engineering, Geological Sciences, Mathematics, or Physics.

## To Apply:

1. You must first complete and submit a **CSUSB application and be admitted for Fall 2020**. This can be done online at <https://www2.calstate.edu/apply>.
2. Submit a FAFSA (Free Application for Federal Student Aid) either through the Financial Aid Office or online at <http://www.fafsa.ed.gov>.
3. Complete and return this S-STEM Application Form. Include a copy of your most recent community college transcripts (unofficial copies will be accepted).
4. Submit a personal essay describing why you should be chosen and why you are pursuing an education in mathematics or science.
5. Two (or more) letters of recommendation, at least one from a science or mathematics teacher/professor, must be submitted.
6. Return completed application to: **CSUSB S-STEM Scholar Program, College of Natural Sciences BI-107, 5500 University Parkway, San Bernardino, CA 92407. ATTN: Pamela De La Torre.**

## Application Deadline:

- S-STEM applications are reviewed as they are submitted. Review will begin on or after March 13<sup>th</sup>, 2020.
  - There are many awards available. **Awards will be made until funds are exhausted.**

# CSUSB/NSF – S-STEM SCHOLAR PROGRAM

## Application Form

**Please complete all areas of the application. Type or print legibly.**

Name \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Home \_\_\_\_\_ Work \_\_\_\_\_ Cell \_\_\_\_\_

Email \_\_\_\_\_ CSUSB Email \_\_\_\_\_ GPA \_\_\_\_\_

Intended or Current CSUSB Major:

Biology  
Chemistry  
Biochemistry  
Computer Science/Engr

Geology  
Mathematics  
Physics  
Other, specify: \_\_\_\_\_

California Resident  Yes  No

U.S. Citizen  Yes  No

Refugee/Alien  Yes  No

Financial Need  Yes  No

Have you Completed your 2020-21 FAFSA?  Yes  No

College standing when you enroll at CSUSB  Sophomore  Junior  Senior

List the most recent Community Colleges attended. Include full name and cities where colleges are located:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Extracurricular Activities

Please list your extracurricular activities, highlighting those related to Mathematics and Science.

Activity Title	Description	Dates
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____

## Mathematics and Science Course List

Please list *ALL current and completed Mathematics and Science courses*, indicating the letter grade you received in completed courses (attach additional copies of this sheet if necessary).

Course ID	Course Title	School/College where course was taken, Term/Year Taken	Grade

## Application Essay

Include a 1-page typed essay (double-spaced, 12pt font) discussing your professional goals and explaining why you should be considered for the S-STEM Scholar Program. Evaluation of your application will be based in part on content and composition of this essay.

### Suggested Essay Topics:

- Assuming that your goal is to obtain an undergraduate degree in one of the participating science disciplines, what are your long-term plans after graduation?
- How did your community college science education prepare you to pursue and undergraduate science degree at CSUSB?
- Why have you chosen your particular major?

**Requirements to maintain and renew S-STEM Award:**

- Maintain full-time enrollment (minimum 12 units per semester) at CSUSB with a declared major in Biology, Chemistry/Biochemistry, Computer Science/Engineering, Geological Sciences, Mathematics, or Physics.
- Demonstrate financial need, as determined by the CSUSB Office of Financial Aid.
- Maintain a minimum cumulative GPA of 3.0.
- Meet with your assigned S-STEM faculty mentor each semester prior to registration.
- Attend *at least* two College of Natural Science *S-STEM* approved co-curricular activities per academic semester.
- Enroll in a required *2-unit* cohort class (NSCI 301) in your first semester.

**Letter of Recommendation Contact Information**

Provide the contact information for your letter of recommendation references:

Name \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

How does this person know you? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

How does this person know you? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

***\*Use the following page for the references mentioned above to complete your letters of recommendation. Print additional copies if needed.***

# LETTER OF RECOMMENDATION FORM

## To the applicant:

*Under the Family Education Rights and Privacy Act of 1974 (FERPA), you are entitled to review this letter of recommendation or to waive your right to access.*

Please check the appropriate box and sign below before giving this form to the individual from whom you are requesting a letter of recommendation.

- I waive my right to review this letter of recommendation.
- I do not waive my right to review this letter of recommendation.

## To the endorser:

Please complete this form as your letter of recommendation **(Required)**.

You may submit an additional letter of recommendation using your school's or organization's official letterhead **(Optional)**.

Name of applicant: \_\_\_\_\_

1. How long have you known the applicant and under what circumstances? \_\_\_\_\_

\_\_\_\_\_

2. How would you rate the applicant in comparison to all other students you have known in the past three years? (e.g., 5%, 10%, 25%, etc). \_\_\_\_\_

\_\_\_\_\_

3. Why do you recommend the applicant for a scholarship? What qualities, personal characteristics, and interest does the applicant possess which make her/him outstanding among other students? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Print Name \_\_\_\_\_

Title \_\_\_\_\_

School/Department \_\_\_\_\_

Address \_\_\_\_\_

Email \_\_\_\_\_ Phone \_\_\_\_\_

## ACKNOWLEDGEMENT

- A. I give CSUSB permission to release this information to the NSF, along with demographic and academic information as required for grant funding.
- B. I give CSUSB permission to publicize my *S-STEM Scholarship* award.
- C. I understand that, as an *S-STEM Scholar*, I must be enrolled full-time (minimum of 15 units per semester) in one of the STEM disciplines and must maintain a 3.0 GPA minimum in each quarter for the duration of my award.
- D. I understand that my *S-STEM* scholarship might affect other financial aid awards, in particular any State University Grants.
- E. I certify by my signature that I have read and understood the information in this application and that is complete and accurate.

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Signature of Applicant

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Date

Before submitting, obtain the signature of your S-STEM advisor or program director at your Community College. *By signing below, you certify that this applicant is currently an S-STEM Scholar in good standing on your campus.*

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S-STEM Program Personnel Signature

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Date

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Printed Name

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Community College

### Return completed forms to:

S-STEM Scholar Program, College of Natural Sciences, BI-107  
5500 University Pkwy, San Bernardino, CA 92407. ATTN: Pamela De La Torre  
Questions? Contact: Pamela De La Torre at (909) 537-5267 or at [pamela.delatorre@csusb.edu](mailto:pamela.delatorre@csusb.edu)

# Contact Sheet

Contact names and numbers for CSUSB Mentors & Program Administration

Keep this for information

BIOLOGY	CHEMISTRY/BIOCHEMISTRY
<b>Daniel Nickerson, Ph.D.</b> Assistant Professor, Biology Phone: (909) 537-3671 Email: <a href="mailto:Daniel.Nickerson@csusb.edu">Daniel.Nickerson@csusb.edu</a>	<b>Jeremy Mallari, Ph.D.</b> Assistant Professor, Chemistry/Biochemistry Phone: (909) 537-5452 Email: <a href="mailto:Jeremy.Mallari@csusb.edu">Jeremy.Mallari@csusb.edu</a>
COMPUTER SCIENCE & ENGINEERING	GEOLOGICAL SCIENCES
<b>Haiyan Qiao, Ph.D.</b> Professor, Computer Science & Engineering Phone: (909) 537-5326 Email: <a href="mailto:HQiao@csusb.edu">HQiao@csusb.edu</a>	<b>Joan Fryxell, Ph.D.</b> Professor, Geological Sciences Phone: (909) 537-5311 Email: <a href="mailto:JFryxell@csusb.edu">JFryxell@csusb.edu</a>
MATHEMATICS	PHYSICS
<b>Min-Lin Lo, Ph.D.</b> Professor, Mathematics Phone: (909) 537-5371 Email: <a href="mailto:MLo@csusb.edu">MLo@csusb.edu</a>	<b>Paul Dixon, Ph.D.</b> Professor, Physics Phone: (909) 537-5399 Email: <a href="mailto:PDixon@csusb.edu">PDixon@csusb.edu</a>

**For questions regarding the S-STEM Scholar Program application:**

**Pamela De La Torre**  
*Administrative Assistant*  
*S-STEM Scholar Program*  
(909) 537-5267 or [Pamela.DeLaTorre@csusb.edu](mailto:Pamela.DeLaTorre@csusb.edu)

**For questions regarding Financial Aid contact:**

**Priscilla Ramirez**  
*Student Services Professional*  
*Office of Financial Aid & Scholarships*  
(909) 537-3420 or [PRamirez@csusb.edu](mailto:PRamirez@csusb.edu)

**For general program questions or if one of the above mentors is not available:**

**Kimberley Cousins, Ph.D.**  
*S-STEM Scholar Program, Principal Investigator*  
*Professor & Chair, Chemistry/Biochemistry*  
(909) 537-5391 or [KCousins@csusb.edu](mailto:KCousins@csusb.edu)