

Early Teaching Experiences in Mathematics and Science (ETEMS)

Funded by the Math and Science Teacher Initiative (MSTI)

The Early Teaching Experiences in Mathematics and Science Internship program offers a unique opportunity to science and mathematics majors in the second year of their coursework, enabling them to gain hands-on exposure to teaching science or math in a K-12 classroom. Interns will work in small groups for two quarters, guided by faculty mentors, to develop a short activity that illustrates important principles in math or science, then implement the activity in local K-12 classrooms. A major part of this program is that interns spend enough time throughout the two quarters to develop from their experience an idea of what it would be like to be a secondary math or science teacher.

Benefits and Obligations of the ETEMS Internship:

Each intern will:

1. Receive up to \$1,500 (\$750 per quarter for two consecutive quarters)
2. Collaborate with a small group to design and implement a math- or science-based activity to showcase in K-12 classrooms
3. Spend at least 10 hours per quarter in K-12 math or science classrooms observing and tutoring.

Eligibility and Selection Criteria:

1. Minimum 3.0 overall GPA and 3.0 GPA in your major
2. Must be a STEM major (majoring in mathematics or a science discipline)
3. Must have completed the first year of core courses in your major

Application Requirements:

1. Completed Application Form
2. Unofficial transcript from CSUSB

Personal Information: please print clearly

First Name: _____ Last Name: _____

Student Id (for current CSUSB Students): _____

Mailing Address: _____

City, State, Zip-code: _____

Home Phone: _____ Work Phone: _____

Mobile Phone: _____ E-mail: _____

Please check the box that indicates your preferred contact phone number.

Academic Background

Major: _____ (or check box if undeclared) Undeclared

Minor: _____ (or check box if undeclared) Undeclared

Current Cumulative GPA: _____ Current GPA in Major: _____

Number of units completed towards your:

a. General Education (GE): _____ (Semester, Quarter)

b. Major: _____ (Semester, Quarter)

c. Minor: _____ (Semester, Quarter)

References

Please attach a typed page with three references, at least two of them academic. For each reference, include: name, job title, employer, telephone number, and email address. Please also ask each of your references to complete the attached **Letter of Recommendation** form.

Please describe briefly why you are interested in becoming an ETEMS Intern? (Feel free to attach a separate page if you need additional space to write).

To remain eligible as an ETEMS Intern, you must:

1. Maintain at least a 3.0 GPA both in your major and overall.
2. Continue making progress on your plan (first quarter) and implement your plan (second quarter)

Signature and Agreement

1. Should I receive an ETEMS stipend, I am obligated to fulfill the requirements of the program to the best of my ability.
2. I give permission to CSUSB to release this information to the funding agency, if required.
3. I give CSUSB permission to publicize my ETEMS Internship.
4. I understand that the stipend I receive for the ETEMS Internship might affect other financial aid awards, and it is up to me to verify this by checking with the CSUSB Financial Aid office.
5. I certify by my signature that I have read and understood the information in this application and that it is complete and accurate.

Signature of Applicant

Date

Submit application to:

Center for Enhancement of Mathematics Education
Department of Mathematics; JB-263
Attn: Karen Lin
5500 University Parkway
San Bernardino, CA 92407-2397

For questions regarding the application contact:

Karen Lin, 909-537-7574,
ylin@csusb.edu

Letter of Recommendation

The person whose name appears below is an applicant for the Early Teaching Experiences in Mathematics and Science Internship, funded through MSTI (Mathematics and Science Teachers Initiative), and sponsored by the Math and Science Departments and the College of Education at CSUSB. The ETEMS advising committee would like your help in determining if this candidate would be a good fit for the ETEMS Internship. Please respond to each item below in accordance with your direct observation of the applicant relative to the specified area. The recommendation is to be returned to the applicant in a sealed envelope. We appreciate your assistance. A key for the letters (A, B, C and D) is listed on the reverse side of this form.

Name of Applicant

	A	B	C	D
1. Oral Communication - The applicant uses language accurately and communicates clearly and concisely.				
2. Listening Skills - The applicant listens attentively and demonstrates understanding of what s/he has heard.				
3. Reading Skills - The applicant comprehends written instructions and other complex written information.				
4. Writing Skills - The applicant writes in a manner that is clear and grammatically correct.				
5. Empathy - The applicant demonstrates concern for people in various situations.				
6. Organization - The applicant identifies specific tasks, collects appropriate information and generally functions in a logical and productive manner.				
7. Time Management - The applicant organizes time so that tasks undertaken are completed in accordance with a schedule that s/he has predetermined or agreed to accept.				
8. Attendance & Punctuality - The applicant consistently keeps appointments and arrives on time.				
9. Initiative - The applicant identifies what needs to be done in situations and does it promptly.				
10. Scholarship - The applicant analyzes, synthesizes and applies information to the solution of specific problems.				
11. Persistence - The applicant, after having identified specific tasks, continues to pursue those tasks until they are accomplished.				
12. Leadership - The applicant helps others to accomplish specifically identified tasks through direction and example.				

A B C D

13. Self-Confidence - The applicant demonstrates faith in his/her convictions in the face of adversity.				
14. Willingness to Accept Feedback - The applicant considers the suggestions of others, and incorporates them into the way s/he functions as appropriate.				
15. Consistence - The applicant regularly demonstrates behavior that is appropriate to the situation.				
16. Tolerance - The applicant can accept the views of others and integrate them with his/her own.				

A Sufficient to function as a teacher
B Could function as a teacher with improvement

C Not Sufficient to function as a teacher
D No basis for judgment

In what context do you know the applicant? _____

For how long have you known the applicant? _____ years _____ months

Please make any additional comments either in the space below or on an attached page.

Reference:

Print Name

Signature

Date

Position

Institution

Street Address

City

State

Zip

Phone Number

Email

Application Check List

Materials to include with your completed application:

- Unofficial transcripts
- One page typed reference list
- Completed and signed "Letter of Recommendation Form" for each person listed on your reference list (three references, at least two of them academic)

Please contact Karen Lin, 909-537-7574, ylin@csusb.edu, from the CEME office (JB-263), with questions for more information regarding the application.

For questions regarding the program, please contact Dr. Jeremy Aikin, jaikin@csusb.edu.