

**Decided online - beginning of March, 2020
STAR rankings**

kwakeman@calpoly.edu - contact

1. Paulo Villafana Vasquez
2. Keiri Ramirez
3. Austen Rosen
4. Benjamin Bonilla
5. Mario Lazo
6. Brandon Sripimonwan

Top two are recommended

**MSTI
Spring Semester 2020
February 5, 2020**

Subject line: Information session to become a math or science teacher

Dear _____,

We are reaching out to all science and math majors because there is a profound need for math and science teachers in the state of California. Teaching in a middle or high school is a great way to use your knowledge and skills - starting salaries are > \$50,000 per year with excellent benefits. There is large and expanding job market for those who earn teaching credentials in math or science.

Because of the need, there are scholarships available for students who enroll in credential program. You can earn your credential in as little as a single year.

The CSUN Math Science Initiative (MSTI) invites you to come to a brief information session on **March 12 in Live Oak room 1322.**

3:30 - 4:30 Math
4:30 - 5:30 Science

If you interested please complete this [simple form](#). We hope to see you on March 12!

Attach pdf.

Neida's staff - refreshments

Math

Brian

Norm

Bryant

Noyce - Brian to ask

Kellie Evans

Natalie Howe

Science

Brian

Norm

ACT-R students (Daniel, etc.)

ACT - Angelica

Noyce

Agenda

- Very brief engage activity - tech oriented
 - IR camera - Dillon, Norm
 - Desmos, Geogebra activity - Bryant
- Introductions
- Why teach?
 - Recruitment movie?
 - Teacher stories (Bryant, Science credential)
- How to become a teacher
 - General credential requirements (CSET, CBEST, field work, fingerprints)
 - ACT, ACT-R Brian
 - Natalie / John Dye - subject matter waiver for math
 - [ACT flyers](#) - [ACT-R flyer](#)
 - [Credential- flyers](#)
 - [Credential information session](#) - CPO website - advisement
- Resources
 - MSTI, CSET-prep - Norm
 - Credential program
 - Financial Aid
- Fieldwork ideas
 - Poly summer (interest sign up) Brian
 - NAHS
 - Upward Bound
 - Granada, etc.

- Jacquelyn Klietzman - graduate recruitment
- Questions

FLOW CHART

JUNIORS / SENIORS - Attend information session at Credential Office

July 1 deadline

CSET

MSTI website

- Review/Critique (Brian)
- Ian - College website

Teacher in Residence

- Bryant Cooper; to be reporting his work
- Meeting with undergrads, going to conferences, etc.
- Funds have been transferred to the College of Science and Mathematics -

Event-

- Credential advising (Tina)
- Flyers in Math & Science
- Susan Belgrad - AIMS2 -
- Current Math/Science/engineering list - juniors and seniors (Norm)
- Meeting
 - March 5th, March 12?
 - Ask Kellie for a room
 - 1214 / 1216 3:30 PM - 4:30 (Neida)
 - Prospective science/engineering teacher event
 - Make flyer - MSTI (Norm)
 - Students assistants - post flyers
 - Flyers - to credential advising (Neida)
 - Prospective math/engineering teacher event
 - Scholarship (Act-R, Belgrad, MSTI, Special admissions, MSTI TAs)
 - Food (Neida)
 - Cheerleaders
 - Bryant Cooper
 - Brian Smith, Salvador Garcia, Tommy Garcia, Christine, Dakota,
 - Natalie Howe

Special Admissions

- STICC (Brian)

- Early identification of applicants

Follow-up

- Database (student workers to enter database)

Recruitment

- [Mailing Campaigns](#)
- [Interested in CSET](#)
- [Interested in Masters](#)
- Interested in credential

Math CSET Prep

- Math-3 in progress - 9 in attendance

Science CSET Prep

- Starting February 24
- [CSET participation by session](#)

Chemistry CSET Prep

- June 2020
- 80+ people expressed interest

Physics CSET Prep

- [CSET participation by session](#)

Math-1 & 2 CSET Prep

- Dates to be set
- Average attendance: 15-20
- [CSET Math participation by semester](#)

Masters in Science Education Recruitment

- Update

MSTI funds for California Math Conference

- Status of funds for conferences
- We need to get names and emails of those who attend

Summer Clinical Experiences

- Polytechnic HS (Brian Foley) = Nominations for summer TAs? - Irene Maliwan 3TAs?
- [Upward Bound](#) (Santasha Williams)
- Northridge Academy High School (Cat Gaspard) it would be June 24th - July 22nd and I would LOVE TAs! In the past, I have gotten 3 - 4 NOYCE scholars to come (830 - 1230 - 4 hours a day)
- [STAR program](#) Teacher-researcher(Norm) - Paulo, Daniel?

Increasing efficiency in recruitment (Brian)

- Instant reply to survey?
- Student assistants make phone calls?
- Student helpers - how can they be more efficient
- Follow-up on CSET completers

Stipends

- Do we need to offer stipends?
- Can we reduce the amount we offer?
- Can the money be spent in better ways?

CSET Preparation

- Science - Starting February 24 - Actively recruiting
- Math-3 - in progress - 8 individuals

Waiver Programs

- Gini will be recruiting folks to draft the waiver programs. She plans to do this work during the Fall semester.

Other ideas

- Consider hiring Bryant Cooper as additional Math-CSET coach?
- EdTPA re-take fee
- Send Neida updated CSET
- Recurrent emails - ----
- Physics teacher from India

2/6/20

Fund: 48501

Scenario: ONE_TIME Journal Line Reference: BDX0030024

Dept	Acct	Prgm	Project	Class	Amount
From	10119	613001	9999		-9500
From	10119	601801	9999		-8100
From	10119	606001	9999		-8000
From	10119	601801	9999		-29300
To	10163	660B01	1723		54900

MSTI STEM CHALLENGE FUNDING 2019-20:

4.0 Consultants and Honoraria

4.1 MSTI funds in the amount of \$9,500 for a Teacher-in-Residence to recruit, mentor, and retain prospective teachers majoring in Secondary Teaching and collaborate with Math Faculty to create, enhance, and improve curricula. (Kellie Evans)

Fall 2019

$\$44.52 * 6 \text{ hrs. /week} \times 15 \text{ weeks} = \$4,006.80$ (Teacher in Residence)

Spring 2020

$\$44.52 * 6 \text{ hrs. /week} \times 15 \text{ weeks} = \$5,342.40$ (Teacher in Residence)

Total Budgeted: \$9,500.00 / Estimate: \$9,349.20

4.2 MSTI funds in the amount of \$8,100 will be used as replacement salary for Math Faculty to develop curricula and advise students in the Math Department pursuing the Math credential. (Kellie Evans)

Fall 2019

$\$44.52 * 3 \text{ hrs. /week} \times 15 \text{ weeks} = \$2,003.40$ (Math Faculty)

Spring 2020

3 units reassigned time (Math Faculty) = \$6,055

Total Budgeted: \$8,100.00 / Estimate: \$8,058.40

5.0 Travel (In-state)

5.2 MSTI funds in the amount of \$8,000 will be used for travel for undergraduate

Math/Science/Engineering Scholars to attend the CMC, CSTA, and STEAM conferences, Fall 2019 and Spring 2020. (Kellie Evans & Virginia Vandergon)

$\$1,000 \text{ per MSTI Scholar (for conference travel)} \times 8 \text{ MSTI Scholars} = \$8,000$

Total Budgeted: \$8,000.00 / Estimate: \$8,000.00

8.0 Other Expenses

8.3 MSTI funds in the amount of \$29,300 will be used as replacement salary for faculty to create and coordinate the Subject Matter Waiver Program in General Science, Bio MSTI-STEM Challenge Budget Narrative for 2019-2020. (Virginia Vandergon)

3 units each

Biology - \$6,055

Chemistry - \$6,055

Geological Sciences - \$6,055

Physics - \$6,055

Summer Salary - \$5,000

Total Budgeted: \$29,300.00 / Estimate: \$29,220.00

Total Budgeted: \$54,900.00 / Estimate: \$54,627.60

Hello Norm,

Depending on the nature of the work he would be doing, he would either be an independent contractor or a Special Consultant.

They should work with Purchasing and HR to determine which he would be then complete the appropriate paperwork.

Independent Contractor – Service agreement through Purchasing.

Employee/Special Consultant – Emergency Hire/Special Consultant paperwork through Human Resources.

Thanks and let me know if you have any other questions.

Notes from our last meeting

4.1 MSTI funds in the amount of \$9,500 for a Teacher-in-Residence to recruit, mentor, and retain prospective teachers majoring in Secondary Teaching and collaborate with Math Faculty to create, enhance, and improve curricula.

4.2 MSTI funds in the amount of \$8,100 will be used as replacement salary for Math Faculty to develop curricula and advise students in the Math Department pursuing the Math credential.

- Bryant Cooper (Kellie) The propose to support a practicing secondary mathematics teacher as a “CSUN Teacher-in-Residence” to work with the Department of Mathematics to (1) recruit, mentor, and retain prospective teachers majoring in Secondary Teaching, FYI-Math and JYI-Math; (2) consult and guest

lecture in key classes for prospective teachers; (3) work with math faculty to create, enhance, and improve curricula; and (4) act as a role model for prospective teachers. The Teacher-in- Residence will also work with faculty from CSUN's Departments of Biology and Secondary Education on the CSUN Noyce II grant, which supports STEM majors and single subject Credential students preparing for secondary teaching careers.

5.2 MSTI funds in the amount of \$8,000 will be used for travel for undergraduate Math/Science/Engineering Scholars to attend the CMC, CSTA, and STEAM conferences, Fall 2019 and Spring 2020.

- California Math Conference - South - November 15-16

7.1 MSTI funds in the amount of \$20,000 will be used for Math and Science tutors to gain clinical experience in teaching through tutoring roles in high schools.

- Brian Foley - Polytechnic High School Summer Program (3)
- Upward Bound - (3)
- Northridge Academy HS?

7.2 MSTI funds in the amount of \$3,000 will be used for the fees students incur applying for admission into the CSUN Credential program.

- Natalie Howe - advertising to undergraduates

8.3 MSTI funds in the amount of \$29,300 will be used as replacement salary for faculty to create and coordinate the Subject Matter Waiver Program in General Science, Biology, Chemistry, GeoScience, and Physics.

- Gini Vandergon