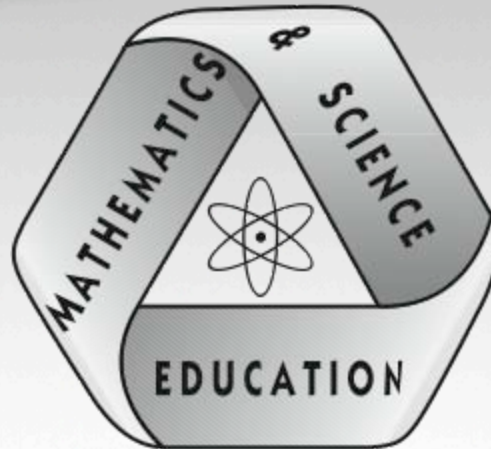


Math and Science Teacher Initiative



Chico State University



Math/Science Teacher Strategy

- 1. Establish a “teaching as a career” culture within the College of Natural Sciences**

Changing the Culture



Become a Math or Science Teacher!



Forgivable Loans

Special Scholarships

Internships Available

Teaching Clubs

Educate Tomorrow's Citizens



California State University, Chico
College of Natural Sciences
Center for Mathematics & Science Education
<http://www.csuchico.edu/cmse>

Branding



Become a Math or Science Teacher!



Forgivable Loans

Special Scholarships

Internships Available

Teaching Clubs

Educate Tomorrow's Citizens





California State University, Chico
College of Natural Sciences
Center for Mathematics & Science Education
<http://www.csuchico.edu/cmse>

Exposure Everywhere

In Student
Newspaper
Ads

On
Sandwich
Boards

**Become
a Math
or
Science
Teacher!**



Forgivable Loans
Special Scholarships
Internships Available
Teaching Clubs
Educate Tomorrow's Citizens

On Bookmarks

On Building Walls
(Large Framed Murals)

Math/Science Teacher Strategy

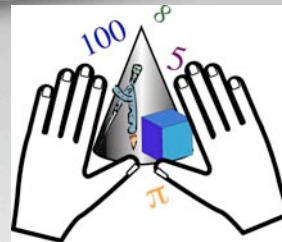
1. Establish a “teaching as a career” culture

- a) Develop a new and innovative recruiting program**
- b) Offer TRP scholarships exclusively to future math/science teachers**
- c) Organize a Science Teaching Club, an affiliate of NSTA**
- d) Promote our new Noyce Scholars Program**
- e) Get more science and math majors involved with our Hands-On Lab Programs**

Hands-On Lab Experiences (Science)



Hands-On Lab Experiences (Math)

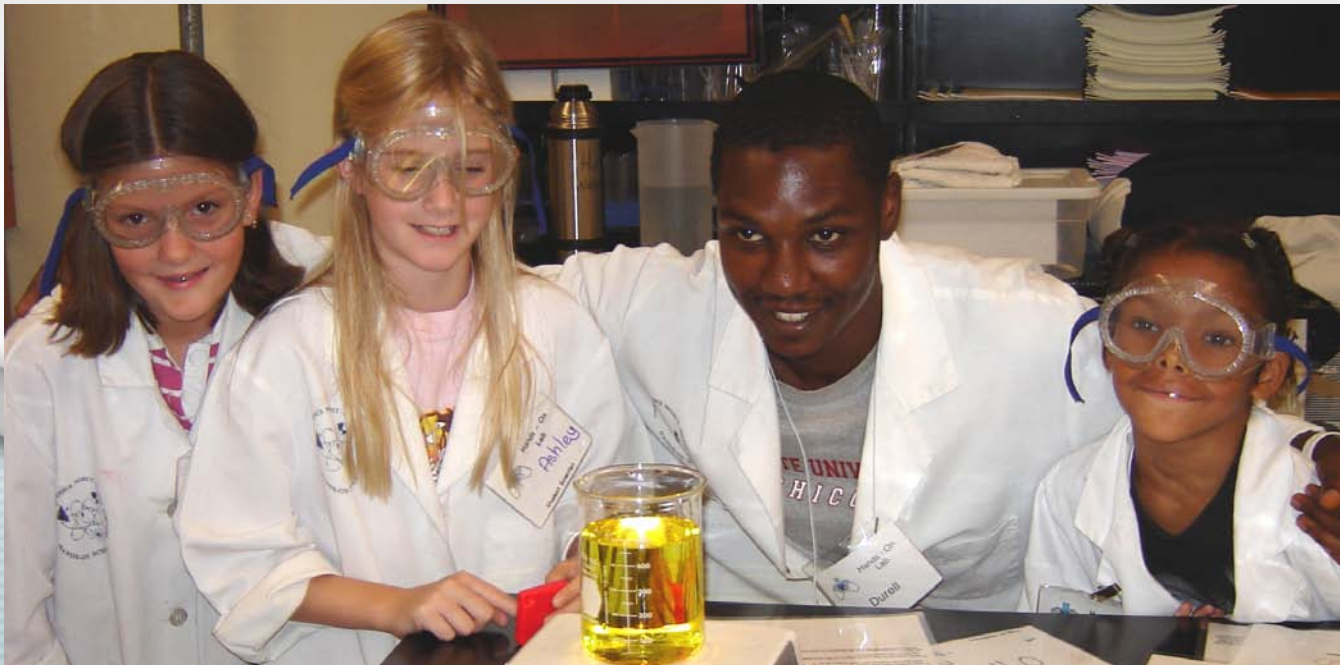




Hands-On Experiences



- **All** HOL labs for the entire year (2 per day each Wed., Thurs., & Fri.) were filled **in four** days!



Math/Science Teacher Strategy

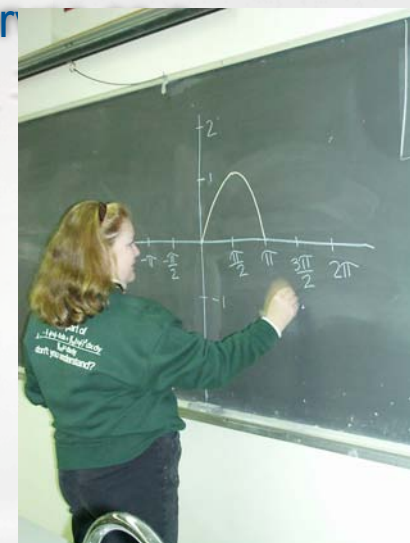
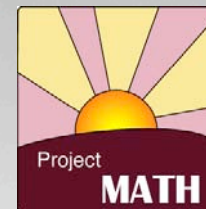
2. Enlarge our mathematics education program, Project M.A.T.H. (Mathematics and Teaching on the Horizon)



Project M.A.T.H.

(Mathematics And Teaching on the Horizon)

- Learning Community Model
- Secondary Teachers collaboratively involved
- Become teaching interns as seniors
- Creating a blended program in mathematics that also serves as a template for science programs (close to completion)



Math/Science Teacher Strategy

3. Redesign a student friendly web site

The screenshot shows the website for the Center for Mathematics and Science Education (CMSE) at Chico State University. The header includes the university logo and the motto "Today Decides Tomorrow". The navigation menu on the left lists: Home +, About CMSE +, K-12 Student Programs +, K-12 Teacher Programs +, Prospective Students +, University Students +, Related Links +, and Site Map +. The main content area features a circular image of a man and a woman looking at a geometric diagram. Below this is the "Mission Statement" section, followed by "FEATURED PROGRAMS" which includes "PROJECT MATH" and "Science and Academic Literacy". At the bottom, there is a section for "UPCOMING EVENTS" and a "NATIONAL SCIENCE TEACHERS ASSOCIATION STUDENT CHAPTER" link.

Chico Today Decides Tomorrow
CALIFORNIA STATE UNIVERSITY, CHICO

Center for **Mathematics** and **Science** Education
COLLEGE OF NATURAL SCIENCES

Home +
About CMSE +
K-12 Student Programs +
K-12 Teacher Programs +
Prospective Students +
University Students +
Related Links +
Site Map +

FEATURED PROGRAMS

PROJECT MATH
Project M.A.T.H. (Mathematics And Teaching on the Horizon) students obtain a BS in mathematics with an option in mathematics education. The purpose of the program is to enhance the entire undergraduate experience, starting in the freshman year, and to produce the best teaching candidates possible. [Read More](#)

Science and Academic Literacy is a partnership between CSU, Chico and Gridley Unified School District. The professional development project was awarded funding from the California Postsecondary Education Commission - Improving Teacher Quality (ITQ) to help improve elementary school teaching in the core content area of science. The research component of this program will be administered through our [online survey](#) partner, Survey Gizmo.

[The North State STEM Summit 2008](#)
(Notes and Slides available)

NATIONAL SCIENCE TEACHERS ASSOCIATION STUDENT CHAPTER

UPCOMING EVENTS
The MSTI Launch II Coming Soon (Math Science Teaching Initiative)

Mission Statement
The Center for Mathematics and Science Education (CMSE) is a nonprofit organization dedicated to increasing the understanding of mathematics and science at all age levels. The center serves educators and students throughout Northern California.

Become a Math or Science Teacher!

Continue Efforts



MSTI Launch

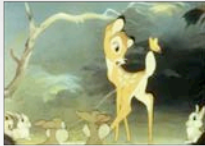
Math Science Teaching Initiative
CSU Chico

Who: Math and Science Students

Where: Harlan Adams Theater

When: Friday, September 12th
1:00 pm - 4:00 pm

Entertaining Featured Speaker



Fun Math and Science Activities
Great new teaching career options
Scholarship opportunities

Connect with other math & science students

A free gift with attached coupon below (tear off)

Student support services available
Science and math club memberships

For more information call or e-mail:
Center for Mathematics and Science Education
898-4322 or mscenter@csuchico.edu



Again and Again

Become a Math or Science Teacher You are needed!

You may or may not be aware of the desperate need for math and science teachers not only in California, but throughout the nation. Currently, we are not coming close to meeting current, much less future, demands for teachers.

To make math and/or science teaching more attractive as a career option, many more scholarships and loan forgiveness programs have been created and dedicated for students interested in becoming future math and/or science teachers.

Take a look at the opportunities available to you as a future teacher.



- Scholarships • Reserved On Campus Housing • Forgivable Loan Program
- Early Field Experiences • Paid Tutoring Opportunities • Science Teaching Club Activities
- Project M.A.T.H. (Mathematics And Teaching on the Horizon)

<http://www.csuchico.edu/cmse/>

Improving the Quality of Life Through Education