

OUR GOAL

The CMST program is part of an overall master plan to improve mathematics and science education in the Inland Empire. CMST partners with the UCR College of Natural and Agricultural Science, UCR Graduate School of Education, Riverside County Office of Education, San Bernardino County Superintendent of Schools Office.

As a result of the CMST program and its partnering efforts, public school students in the Inland Area improve their interest and their abilities in mathematics and science.

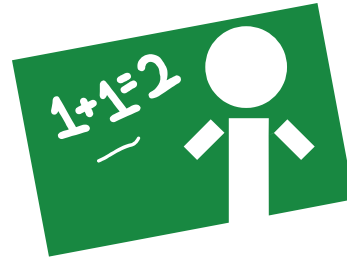
The goals of CMST are:

- To provide professional development and a mentoring setting for college mathematics/science majors who want to become teachers.
- To improve student achievement on tests of mathematics/science.
- To enrich the mathematics/science content knowledge and pedagogical content knowledge of existing teachers.



"When I first started the program, I expected it to provide me with a unique experience that was not offered through college classes. I wanted to get the full experience of being a teacher...CMST provided me with the experience I was looking to gain.

-Miguel Carillo



FOR MORE INFORMATION CONTACT:

Maria C. Simani, Ph.D
P-20 Regional Alliance Director
951-827-7932
maria.simani@ucr.edu

Mary Simons
Student Affairs Officer
951-827-7034
maryes@ucr.edu



Dr. Pamela s. Clute
Assistant Vice Provost,
Academic Partnerships
Executive Director, ALPHA Center
University of California, Riverside
College Building South
Riverside, CA 92521
951-827-5425

Additional information about CMST is available on the ALPHA Center website at www.alphacenter.ucr.edu



California Mathematics and Science Teachers Initiative



ALPHA Center
Academy of Learning through
Partnerships for Higher Achievement
University of California, Riverside

California Mathematics and Science Teachers Initiative

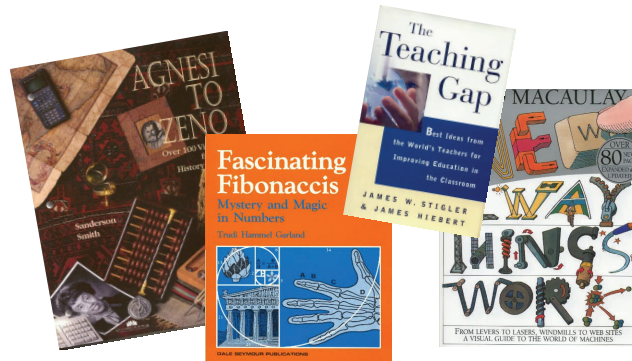
PARTICIPANTS

CMST participants are provided an opportunity to learn about contemporary mathematics and science content, and the pedagogy for teaching that content through a variety of courses, seminars and joint adventures with existing projects. They are given teaching experiences under direct supervision from UCR faculty members and public school teachers. The ultimate goal is to create academic assistance, financial support and mentoring, resulting in each CMST participant securing: a teaching credential, an intern position in the public schools, admission to a teacher credential education program or an advanced degree in mathematics/science education.



SCHOLARSHIPS

Interested undergraduates or graduates apply to be CMST participants. Selected participants receive a scholarship to work in local schools with teachers and students under direct supervision of university and district personnel. CMST participants also receive books, materials and supplies suitable for a career in teaching.



In addition to financial assistance, CMST participants receive books and materials to use as resources for teaching.

PARTICIPANT RESPONSIBILITIES

CMST participants will:

- Teach in the public schools.
- Prepare lessons and coordinate with school teachers and/or principals.
- Attend summer training activities prior to placement in the schools.
- Participate in events such as "Parent Nights," "Saturday Academy," etc., making presentations and assisting with the organization.
- Enroll in and pass specified courses, along with responsibly attending appropriate seminars.

PATHWAYS

The CMST program begins with the identification of undergraduates who want to pursue a career in teaching mathematics or science at the K-12 level. In cooperation with various departments and colleges on campus, CMST establishes a networking structure among these interested students providing them information about teacher related events, seminars, financial opportunities, scholarships, mentoring activities, tutoring and teaching experiences as well as suggested coursework. The goal of PATHWAYS is to create a pipeline of activity which will prepare interested students to become teachers and mentors and encourage their decision while assisting them in finding financial opportunities that will help with the cost of their decision.

