California State University, Stanislaus  College of Education
Teacher Recruitment & Retention Program (TRRP) &
Math and Science Teacher Initiative (MSTI)
Programs, Initiatives, Services and Collaborations

- **Coaching Workshops for Mathematics CSET I & II.** MSTI and the Central California Mathematics Project prepare teacher candidates pursuing a Mathematics Credential for successful completion of the CSET. The California Commission on Teacher Credentialing (CCTC) offers CSET examinations six (6) times a year. We offer an eighteen-hour preparation workshop, separately for Mathematics CSET I and CSET II, spread over 4 weeks prior to each CSET testing date.

- **Math content courses for Foundation Level Credential or Subject Matter Authorization certificate** which will qualify non-math majors to teach math in high school: The Math Department has added 3 non-calculus based catalog courses in the past 3 years so that students can complete the required math classes and enter the single subject math credential program.

- **High School Mathematics Access Program (HiMAP) is an ongoing math/science coaching program for area secondary school students.** The tutors in HiMAP major in biology, chemistry, mathematics, psychology, business and liberal studies. When they sign-up to coach in HiMAP they do so for the job opportunity. A year of coaching in HiMAP has turned 80% of them towards the math teaching profession.

- **Annual Transition from Student to Teacher Conference provides a venue for reaching out to future teachers** about the demand for math and science teachers and the rewards of the teaching profession. Two years consecutively there has been standing room only in the math and science teacher panel presentations. Panelists include area 7-12 math/science teachers. In 2007/2008 the conference hosted over 400 teacher candidates and prospective teacher candidates.

- The **Dinner with a Math or Science Teacher** event provides a venue for reaching out to prospective math and science teachers by teaming them up with local educators in a motivational setting.

- **Merit-based scholarships ($1500) to math and science teacher candidates.** Funds allowed for multiple Alumni/Alumna to return to school and pursue math/science

- **New tri-fold brochures for advertising the Subject Matter Preparation Program (SMPP) in Mathematics and Teacher Preparation Programs in Biology, Geo Sciences, Chemistry and Physics.** Collaboration with University Communications on comprehensive math and science teacher education marketing campaign.
• **On-going outreach & recruitment for math and science teacher education** is provided by the MSTI Project Director and MSTI Math and Science Faculty. Individual and group recruitment, advising and support efforts are the primary focus the Teacher Recruitment & Retention Office.

• **Teacher Helpdesk phone line and e-mail address** to respond to student inquiries and share available support services.

• **Post-card follow-up with prospective teacher education candidates** who attended a Multiple or Single Subject Information session, conferences/event or other activity designed to recruit and support math and science teacher candidates.

• **Assist with collaborative initiatives in support of the CSU Stanislaus and Stanislaus County Office of Education ARCHES partnership:**
  - Provide University tutors to support students participating in the Summer Algebra Academy
  - Provide mathematics tutors at participating school sites
  - Provide professional development opportunities for participating Middle School Teachers to learn the instructional skills necessary to prepare 8th grade students for success in Algebra I.
  - Provide students and parents an opportunity to visit and tour CSU Stanislaus campus
  - Disseminate “Preparing for College In Advance” literature to middle school students and parents (translated in Spanish for Spanish speaking parents).

• **Partnerships with CSU Stanislaus Financial Aid Department** and advisors to provide math and science teacher candidates with information on available grants, scholarships, loans and loan forgiveness programs.

• **College of Education and College of Natural Sciences collaboration on Robert Noyce Scholarship Grant Proposal.** CSU Stanislaus awarded $896,000.00 to provide eligible math and science teacher candidate’s $10,000.00 scholarships beginning Fall of 2010. Scholarships are available to CSU Stanislaus students (beginning in their junior year), CSU Stanislaus Alumni, and career changers.

• **CBEST Reading/Writing on-line tutorial available to dual language math and science teacher candidates who struggle with passing CBEST Reading/Writing.** MSTI partnership with the CSU Stanislaus Tutoring Center provides [5-day] CBEST Workshops prior to each examination administration date.

• **University Ambassador provides math and science teacher outreach at pipeline community colleges;** MJC, Columbia, Merced, SJDC

• **Partnership with San Joaquin Delta College Math Teacher Pipeline Project** to enhance the seamless transition to CSU Stanislaus Math and Science Programs