



**RETURN APPLICATION BY
MARCH 31, 2010**

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<http://www.stempipeline.com/STEMLearning.aspx>

**Student Enrichment Program
July 26-30, 2010**



Each teacher is highly encouraged to nominate a student who has completed your class and has an interest in Science, Technology, Engineering, and/or Math to spend a week on campus at Cal Poly Pomona. These students will be invited to participate in the 2010 Student Summer Enrichment Program!

Your nominated student will be provided with meals in the award-winning student dining hall, accommodations in the residential dormitories, and experience science, math, and engineering at the college level (ALL EXPENSES COVERED).

The high school students will work with Cal Poly Pomona faculty and students, along side you (their teacher) to develop lively lessons for implementation during the academic year.

Students who participate will receive training as Peer Instructors and Course Tutors. This experience will help to further improve the classroom teaching environment through student involvement.



**Science, Technology, Engineering
and Math Summer Teaching Institute**
Funded by the U.S. Dept. of Education

**STEM LEARNING
COMMUNITY
WORKSHOP**

July 12-30, 2010

At Cal Poly Pomona



**“An effective teacher enhances
student learning more than any
other aspect of schooling...”**
Classroom Assessment and Grading that
Works (2006)

Join Our Summer 2010 Program!

The U.S. Department of Education has provided Cal Poly Pomona with a grant to address the national shortfall of professionals ready to enter the fields of science, technology, engineering, and math (STEM). Please consider joining our efforts to build a Summer Learning Community of STEM educators.

Key Outcomes:

- Formation of content specific teacher leaders in local schools and districts.
- Participants will receive \$2250 (\$150/day for the 3 week workshop).
- Teachers will participate in over 70 hours of Professional Development and Instructional Strategies.
- Participants will collaborate to develop, review, and implement content lessons that include lab activities.
- Teachers will complete summer industry internships with local partners.
- The Learning Community will Disseminate lessons via the web and participate in a follow-up workshop in Aug. 2010.

Program Highlights

Week 1: July 12-16, 2010

The first week will in intensive workshops that focus on interdisciplinary topics of math and science along with presentations by teachers, faculty members, and local professionals.

Week 2: July 19-23, 2010

The second week will include teacher internships at local Industry Partners.

Chemistry

Metropolitan Water District (La Verne)
Weck Laboratories (City of Industry)
Cal Poly Pomona CM³D Center

Biology

Oakcrest Science Institute (Pasadena)
U.S. Salinity Lab (Riverside)

Math/Physics/Engineering

Hayward Pool Products (Pomona)

Computer Science

Cal Poly Pomona CS Department

Week 3: July 26-30, 2010

The third week will feature unit lesson development with Cal Poly Pomona faculty, district resource specialist, and nominated student teaching assistants.

Week 3: July 26-30, 2010

Nominated high school student enrichment program (Details are listed on the reverse side).

Teacher Institute Application Process

Step One (Deadline March 31, 2010)

1. Submit a *Teacher Application Form* that is available: <http://www.stempipeline.com/STEMLearning.aspx> or by emailing mfpape@csupomona.edu

Step Two (April 2010)

2. A Cal Poly Pomona faculty member will schedule an appointment to discuss the overall summer program goals and objectives.

Step Three (May 2010)

3. Summer participants will be selected and teachers will submit the name of selected students who will also participate in the *Student Enrichment Program* during third week of the summer workshop.

RETURN INITIAL APPLICATION BY MARCH 31, 2010

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