



Programs & Activities for Teachers

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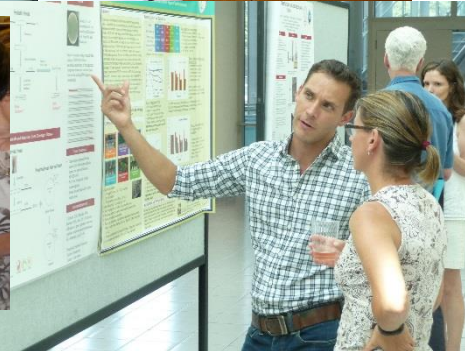
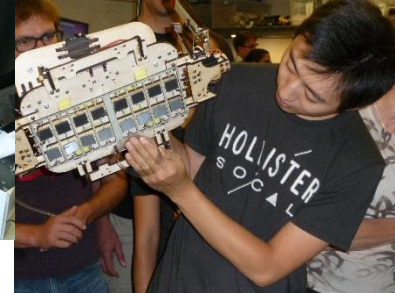
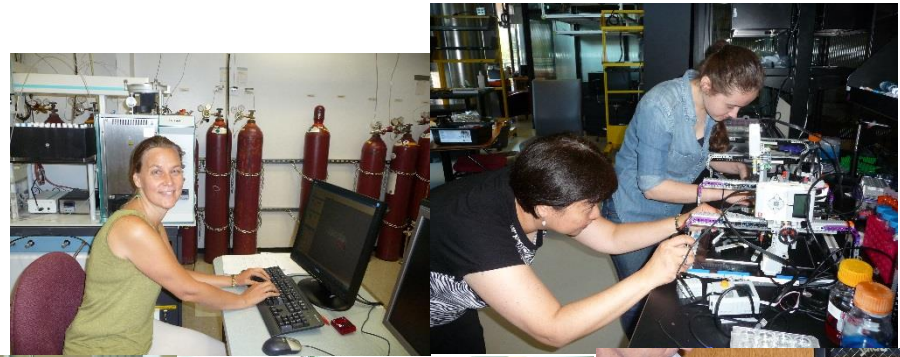
September 2015

Stanford Welcomes Teachers

Summer Professional
Development
Programs

Workshops &
Seminars

Field Trip
Opportunities



Summer Professional Development Programs

Summer Research Program for Teachers (IISME)

- 8-week (8 hours/day) research experience in STEM labs for Bay Area teachers. Teachers receive an \$8,200 stipend.

Geoscape Bay Area for Earth Sciences Teachers

- 8-day course for science teachers about Earth Science in the Bay Area. Teachers will work in the lab to create curriculum for their incoming class.

Stanford Summer Teaching Institute \$

- Courses focused on the development of effective instructional practices for a variety of content in STEM.

 = fee to participate

Workshops & Seminars

How to Learn Math

- Free online course offering important new research ideas on learning, the brain, and math that can transform students' experiences with math.

Adventures in Alice Programming: Beginning Workshop for Teachers

- Free 2-week 3D programming environment that makes it easy to create animated stories and games. Alice lessons can be added to units in your current classes, or taught as a stand-alone course.

Ecology & Sustainability: Experiences with Mexico's Biocultural Diversity

- 10-day summer course, working in the field in Mexico with the Center for Latin American Studies. Participants will work with scientists on research projects focusing on ecology, sustainability, and conservation science at Los Tuxtlas Tropical Biology Station in Veracruz, Mexico.

Field Trip Opportunities (1)

Haptics and Robotics in Medicine Lab

- The Collaborative Haptics and Robotics in Medicine (CHARM) Lab offers field trips and demos/presentations in local K-12 classrooms. The CHARM Lab creates robots and human-computer interfaces that use haptics to improve human health, safety, and quality of life.

Stanford Anatomy

- Stanford's Clinical Anatomy invites high school students discover, learn, and apply human anatomy in a professional context by introducing them to many of the same learning resources used by Stanford medical students.

KIPAC/VIZ Lab Tours

- The Kavli Institute for Particle Astrophysics and Cosmology offers:
1) Tours for your students 2) Speakers for your classroom 3) A viewing of one of their presentations in the Visualization Lab (Viz Lab)

Field Trip Opportunities (2)

Project Motivation

- Project Motivation is a student group dedicated to promoting higher education to minority youths through on-campus visits and tours. Project Motivation is determined to instill a positive attitude towards higher education and help K-12 students understand the unlimited opportunities open to them.

Stanford Nanofabrication Facility (SNF) Cleanroom Tours

- Tours of the Stanford Nanofabrication Facility (SNF) Cleanroom are offered in a variety of formats, including new live, interactive webcam-tours to classrooms. See their research equipment and facilities, and researchers working in their cleanroom gowns on the latest micro and nanotechnology.



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