



# STEM EDUCATION

**Building Partnerships:  
For our Children and  
the Future of our Nation**

## **STEM Forum Spotlight Comments**

Ray Weymann                      Central Coast Climate Science Education  
Has website on climate science education ([centralcoastclimatescience.org](http://centralcoastclimatescience.org)) and gives talks about climate, earth science at high school level.

Henry Danielson                      Technology Director, Coast Union School District-- [ifixit.com](http://ifixit.com).  
Learn to take apart iPhones and iPods. Made a field trip to the maker fair in San Francisco.

Walt Reil                                      PG&E; Board Member, Endeavour Institute; Central Coast Astronomical Society  
Serves as a NASA/JPL Solar System Ambassador, giving presentations on space exploration and stem education to schools, libraries, interested groups.

Marcella Klein Williams                      Region 8 Lead for After School Programs, Ventura County Office of Education  
Organizes after school programs, adding programs focused on STEM education, and apprenticeships for pre-service teachers in project based STEM fields to test out teaching.

Linda Wingert                                      South County Regional Director, SLO County YMCA  
Provides four schools in the south county, twelve schools countywide. Aviation camp this summer at Oceano Airport.

Chad Worth                                      Instructor/Coordinator, Cuesta College  
Clean energy workforce training program from Am. Rec. Act. "College for Kids"

Jan Price    Mentor of Atascadero High School Robotics Team 973  
asked about AAUW's summer camp for young women. See Dawn Hinchman's comments below.

Teresa Lees CREEC Network Coordinator, SLOCOE.

Environmental Education, standards based curriculum EEI. EE Resources for solar and wind education. CREEC website has list of resources. Interested in building a green schools recognition program.

Celeste Royer                      SLOCOE/Rancho El Chorro  
Provides outdoor teaching setting for college graduates. Also offer for Cuesta and Cal Poly to observe outdoor education in action.

Dawn Hinchman                      Board Member, Lucia Mar School District  
Tek Trek--7<sup>th</sup> grade girls attend 1-week science camp at UCSB.  
(Fivecitiespismobeachauw.com). Also, started the Pismo Beach High School Robotics Program.

Dynia Valdovinos                      Santa Maria Valley Discovery Museum  
Has spaceship and control center at the museum. Working on a summer camp, and bringing more bilingual STEM activities to the county.

Derrick Lavoie                      Director, Discovery Institute, Cuesta College  
STEM Showcase, June 4<sup>th</sup> countywide event for any kids with STEM projects. Will have rockets and Titan, one of the FIRST Robotics world champion robots. Professional Development for USC Marine Lab at Catalina. Discovery Center of San Luis Obispo is in the works.

Priscilla Kiessig                      Executive Director, Avila Beach Sea Life Center  
Offering Ocean Science for girls this summer. Scholarship based. Hands on activities, all led by females. Also offering 10 weeks of the regular summer camp, and offer STEM activities year round. Has a portable microscope lab.

Edmund Burke                      President, Space Information Labs, LLC  
Balloon Fest at Tobin James Winery on June 4th. Would like to duplicate Endeavour Academies across county.

Dennis Young                      Dennis Eamon Young Photo  
Photographs all the non-profit events.

Tanya Kehler                      Board President, Exploration Station-Grover Beach  
Extended experience. Invite folks doing STEM education in the area to give presentations to kids and families. Can also get the word out about whatever program you have coming up. Contact to schedule an outreach opportunity.

Peter Huber                      Dancing Deer Farm

Center for Reuniting Families. Large property in Templeton to host overnight groups of up to 50 people. Would like to offer the space for meetings, and STEM opportunities, possibly pro bono.

Jane Lehr                                      Professor, College of Liberal Arts, Cal Poly  
Science café at Cal Poly. International movement to bring science talks to campuses.

Kevin Drabinski                              Field Representative for Katcho Achadjian  
Daughter attending Tek Trek, which has inspired her to pursue Marine Biology in the future.

Phillippe Hartley                              General Manager, PHAT Energy Corp.  
We are very interested in helping schools, educators to teach the science and reality and future of solar energy. Have contributed the labor for 500-watt solar arrays at schools to interdisciplinary, intercurricular areas. In an attempt to help kids understand solar, and how it affects their lives, and to even talk with their parents about it. We contribute the labor and monitoring. Covers everything from teaching how to raise the money, how to build, and years of results afterward.

Anne Marie Bergen                              Teacher in Residence, Cal Poly, and on Advisory Board of CalTac.  
Will bring her experiences to voice to larger group of policy makers.

Unnamed speaker                              Next Intent    in San Luis Obispo  
Building Mars rover wheels, and Mars Science Lab parts. Involved many interns to build the parts.

Jerry Valadez                                      Director, Central Valley Science Project CSU Fresno  
1) Science educators from Central Valley tend to retire here; so don't forget to tap their resources, 2) CSW – workshops. Primarily focuses on underserved communities. No fee, 3) One of 7 members of National Resource Committee and will report to that committee, which reports to Congress.

Ed Avila    Lockheed Martin, Former Endeavor Academy Teacher  
Comments not recorded