

IMPACT AAPI

Steering Committee

Quarterly Meeting

22 March 2013, 3-4 pm
California History Center
De Anza College

Team Contact

Tom Izu: izutom@deanza.edu
Christine Chai: chaichristine@deanza.edu
Anu Khanna: khannaanu@deanza.edu
Tom Nguyen: nguyentom@deanza.edu



www.deanza.edu/impact-aapi/

Agenda

1. Winter Quarter Updates
 - a. Annual Report
 - b. Curriculum Pathways
 - c. PEER and APIASF Scholarships
 - d. Western region quarterly meeting
2. Brainstorming STEM activities and recommendations for implementation

Update: Annual Report

- Success rates for LART 211 LinC - grant sponsored course surpassed the set goal of 5% for each of the targeted groups (exception -Filipino students - same as the baseline)
- Hired a full-time counselor dedicated to the project
- Continuation of book & calculator-borrowing program
- Successfully recruited faculty and students to enter in to our Math curricular pathway
- Staff Development - League of Innovation Conference, Asian Pacific American Higher Education (APAHE) Conference

Update: Curriculum Pathways

- MPS

Counselor Tom Nguyen works this quarter with Michael Cao on MATH 114 class

- LinC - Language Arts Pathway

Instructors Karen Chow & Veronica Acevedo Avila teach LART 211 with Counselor Natasha Joplin

- CREM - Counseling, Reading, English, Math

EWRT 1a with Amy Leonard and MATH 114 taught by Doli Bambhania

Update: PEER & APIASF Scholarships

- 45 De Anza students were awarded \$2,500 scholarships to help cover fees and other school expenses.
- PEER & APIASF team members congratulate students at this event.



Students at the APIASF Scholarship Luncheon hosted on 20 Feb 2013.

Update: PEER & APIASF Scholarships

- Loni Bordoloi Pazich from PEER explained their survey project to students.
- A follow up meeting with PEER and APIASF is scheduled for 1 May 2013.



Update: Western Region Quarterly Meeting



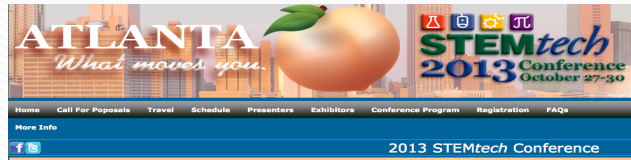
- Laney College, Sacramento State, San Jose State, CSU- East Bay, and Mission College AANAPISI teams including students attended this meeting and gave updates on their campus activities.
- A Panel discussion focused on civic engagement and leadership opportunities was held at this event.

Update: Western Region Quarterly Meeting

- Visiting students participated in a video recording of their individual experiences by DeAnza Ex-Student Marlo Custodio.
- Pearson Owens, DOE, answered questions about the grant reviewed expectations for measurable outcomes.



STEM focus – Staff Development



<http://www.league.org/2013stemtech/>



<http://www.nsta.org/publications/news/story.aspx?id=59234>

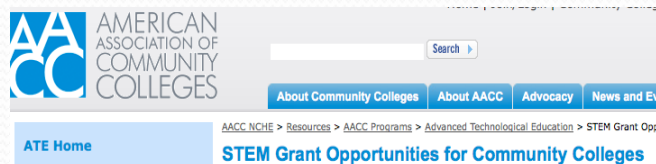


<http://www.cde.ca.gov/pd/ca/sc/stemintrod.asp>

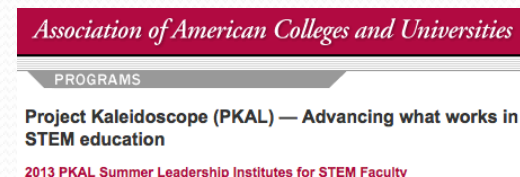
THE OPPORTUNITY EQUATION

Mobilizing for Excellence and Equity in Mathematics and Science Education

<http://opportunityequation.org/mobilization>



<http://www.aacc.nche.edu/Resources/aaccprograms/ate/Pages/grants.aspx>



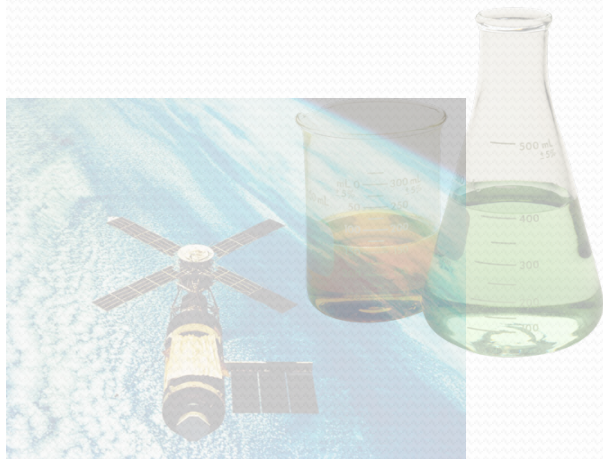
<http://www.aacu.org/pkal/events/sli/index.cfm>

Brainstorming STEM activities & Recommendations

STEM Pathways*

*Impact AAPI website

Sample Pathway for "Strategies in Preparation in STEM"		
"Anchor" Learning Community	"Choice" STEM Classes	Students Targeted
Fall MATH/MPS 212 + ICS 78 MATH/MPS 212: Beg. Algebra + ICS 78: Issues in Intercultural Studies	---	Students who place at two-levels below college-level math (Math/MPS 212).
Winter MATH/MPS 114 + EWRT 1A MATH/MPS 114: Intermediate Algebra + EWRT 1A: Composition and Reading	ASTR 4: The Solar System BIOL 11: Human Biology BIOL 13: Marine Biology CHEM 10: Intro Chem CIS 3: Business Info Syst. ENGR2: Engineering Profess. ENGR 10: Intro to Engin'g GEO 1: Physical Geograpy GEOL 10: Intro to Geology GEOL 20: General Oceanography	Students who place at one-level below college-level math (Math/MPS 114). Students who want to fulfill the GE requirement in Area A English Composition (EWRT 1A). Students who want to fulfill the UC/CSU transfer requirements in Area 5 Physical & Bio Sciences (ASTR 4; BIOL 11, 13; CHEM 10; GEO 1; GEOL 10, 20). Students who want to take introductory Engineering or Computer Systems courses.
Spring MATH/MPS 10 + ICS 4 MATH/MPS 10: Statistics + ICS 4: Race, Ethnicity, Inequality	BIOL 10: Introductory Bio CHEM 1A: General Chem ENGR 35: Statics ES 1: Intro to Environ'l Studies ES 2: Humans, the Environ't, Sustainability ES 3: Imagery of Environment ESCI: Environmental Science ESCI 19: Environmental Bio ESCI 20: Intro to Biodiversity	Students who want to fulfill the UC/CSU transfer requirement in Area 2 Math Concepts and Quant. Reasoning (Math 10). Students who want to fulfill GE requirement in Area D Behavioral Science (ICS 4). Students who want UC/CSU transfer requirement in Area 5 Physical and Bio Sciences (BIOL 10; CHEM 1A; ESCI 1, 19,20). Students who want to take introductory Environmental Studies courses.



Thank you!



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Brainstorming STEM activities & Recommendations

- What current initiatives are you working on or do you know about that support students in their STEM path?
- How can the IMPACT AAPI grant support existing and new STEM initiatives?
- How do we organize our external and internal communication? How will those not present be linked to existing and future efforts ?



Brainstorming STEM activities & Recommendations

- In your experience, what inspires students to participate in STEM programs? What are some obstacles that students face in choosing STEM pathway?
- What is our goal? What more can we do to inspire students to choose STEM courses and fields?

