

**CC STEM Collaborative
Advisory Committee
March 16, 2012
5:30 – 8:00 p.m.**

I. Present – Edmund Burke, Rita M. Delkeskamp, Patti Garrett, Delia Horwitz, Tanja Kehler, John Keller, Steve Kliewer, George Pudlo, Walt Reil

II. Brief Updates

A. CSLNet Regional Network Meeting (John and Steve)

1. Participants from San Diego, San Bernardino, Los Angeles, Silicon Valley, East Bay, Davis, and San Luis Obispo attended along with CSLNet Core Staff (Chris Roe, Marcella Kline-Williams, Yvonne Choi) and representative from S.D. Bechtel Jr. Foundation.
2. East Bay shared useful tools for benchmarking progress of their initiative – driven largely by input from one of their key supporters Chevron.
3. Silicon Valley Foundation provided useful information on Integrated STEM framework that they are using to guide their future STEM activities. They also shared evaluation tool for characterizing the nature of STEM activities.
4. Marcella shared paper that summarized four types of STEM schools and asked us to nominate 2-3 schools in SB and SLO that are “exemplars” of STEM innovation in education.
5. Steve and John presented on characteristics and vision of CC STEM Collaborative.
6. STEM in Out of School Time (OST) is one of CSLNet’s primary statewide initiatives and there are opportunities for us to participate more in this. Need to follow up with Marcella and Chris for more information.
7. Chris provided update on current legislation and ballot initiatives related to STEM.
8. California Teacher Credential Commission gave presentation on current efforts to look at credentialing process. CSLNet members expressed interest in generating whitepaper to emphasize importance of student-centered pedagogy in teacher preparation efforts
9. Following is a list of upcoming convenings that we are invited to:

April 25, 2012, Orange County – CSLNET Early Math Teaching and Learning
They would like teams of 10 or so individuals from our region, including stakeholders from higher education, preschool, K-12, business, community, and government. John will check with Chris to confirm this some travel is funded by CSLNet.

October 15-16, San Diego – California STEM Summit 2012. John will check with Chris to confirm that some travel is funded by CSLNet

June 27-29, Dallas – US STEM Summit. Travel is NOT provided by CSLNet.

B. Partnership for Excellence Conference (Steve)

1. Ideas were shared about what opportunities to pursue.

C. Fundraising Activities

1. Funders are looking for making a collective impact.
2. We should try to match our 50,000 grant 10 times by funders; funders were impressed by our brochure/efforts so far; Edmund made a lot of contacts with the chamber
3. Fundraising Committee is going to plan another meeting to include Hancock's grant writer.
4. When we go out to raise funds, we need to show people for what we want the funds.

D. Website and Calendar enhancements (Steve)

1. CCSTEM.com (new domain name for Endeavor STEM website)
2. To go directly to the calendar, use Calendar.CCSTEM.com

III. Strategic Planning

A. Delia shared stages that groups experience (Forming, Storming, Norming, Performing)

1. Is it now time for us to start norming? Steve and Delia shared some of their thoughts about how to begin this norming process.
2. What do we think about having a coordinator? Santa Barbara has identified a coordinator and s/he will start their work in the summer. We can have different structures, but have coordinators talk to each other.
3. Some discussion ensued about how the Vision and Mission Committee will take input and provide a draft to seek input. Consider including the statement that was developed at last year's Forum.

Decisions

SLO Coordinator – Steve Kliewer and expectations/job description

SB Coordinator (Jane has hired.)

Date to start grant – June 1, 2012

Goals – see below

Tasks:

- Walt – website maintenance
- George - organization/stakeholder map for us
- Steve and Walt – work on brochure

Accountabilities

Mission and Vision Committee will provide final “draft” options

Next meetings –

Meet with Santa Barbara – end of March – Steve will send Doodle and contact Jane.
Edmund would like to have SBCEO representative (person who signed) at this meeting.

Next General meeting is May 9th at Dancing Deer.

The following are initial ideas for success evidence/goals by the end of May 2013:

Fund proposals

- Funding for CCSTEM:
 - Secure sustainable funds to support collaborative (admin, hosting)
 - Attract at least \$500,000
- Work with other organizations to fund grants

Facilitate STEM events – annual and other

- Student showcase
- Annual STEM EXPO for public
- Annual public STEM Ed recognition event

Educator professional development

- Implement STEM curriculum
- STEM Ed coordinator in each school (e-mail contact)
- Dedicated STEM teacher in every elementary school

Connect and build effective STEM relationships (government/schools/businesses/other providers)

- Greater industry/business involvement
- Business community STEM Ed support teams
- STEM in out-of-school time
- Lab schools in Santa Maria
- AVID enrollment in Santa Maria
- Strong business partners
- K-16 STEM internships
- Community college connections
- Partner with CA Math Council for a county-wide math festival or north county and south county

Be a recognized, respected, and valued collaborative

- Report of CCSTEM accomplishments

Be a visible resource to support increased and quality STEM activities

- Equipment and loaning library
- Funding/micro grants to the community
- Functional, current website
- Consolidated directory of all activities
- Demonstration STEM spaces
- Identify STEM teaching architectural spaces
- Advisory team to identify expectation of a STEM facility
- Identify a team to support development of a STEM module

Facilitate Community STEM Activities

- Engineering activities for elementary and out-of-school time
- STEM events funded by mini-grants
- Summer STEM camps
- Cal Poly students in out-of-school time settings

STAR Program

What Steve should do as coordinator – ideas from Advisory members

Be public spokesperson; communicate to stakeholders; make community connections

Coordinate meetings; organize events

Attend SB meetings and report on SB events

Help draft reports

Report on status of activities

Make decisions if no other authority – which decisions?

Make sure website/newsletter information is accurate – coordinating versus maintaining

Steve's ideas (from his draft Strategic Plan) We want Steve to merge group list with his.

Facilitate vs. Administer

- Maintain website and calendar (Walt can do.)
- Design brochures, signs, banners and other marketing tools
- Attend Advisory, General, and group meetings regularly
- Broadcast newsletter
- Attend SB meetings quarterly
- Communicate with SB coordinator as needed
- Act as clearinghouse for information about CCSTEM activities

