

CENTRAL COAST STEM EDUCATION COLLABORATIVE
GENERAL MEETING
August 10, 2011

Next Meeting: Will be hosted by John Keller
at Cal Poly on September 14th from 5:30-7:30 p.m.
in Bldg. 38, Room 131 (the Learn By Doing Lab)

Call to order—the meeting was called to order by Facilitator Tanja Kehler at the Exploration Station in Grover Beach at 6:00 p.m.

Roll—roll was taken. At least 23 members were present. Members stood and introduced themselves. A summary of the development of the collaborative was distributed.

Working group reports—

After School Programs working group—Linda Wingert—The name of the group was changed to the “Out-of-School-Time Programs” working group. Their goals are:

1. Evaluate/Assess current out-of-school-time STEM opportunities for youth in our community. Possibly by utilizing a Cal Poly Senior Project student and assessment tools like ATIS.
2. Identify purpose:
 - a. Draft: To increase opportunities and quality of STEM education in out-of-school-time programs for youth and for staff who teach STEM subjects.
 - b. Stakeholders: Formal (K-12 and Higher Education); Informal (some non-profits, museums, churches, etc.); Community; Parents/Groups; Business.
3. Identify Cal Poly student system opportunities in STEM out-of-school-time programs.
4. Increase attendance and participation in out-of-school-time working group.
5. Set/Announce meeting schedule for working group. Next meeting: Thursday, September 8th at 5:00 p.m. at the Pismo Beach YMCA, 340 Pomeroy Ave., Pismo Beach.

Advocacy working group—Walt Reil—the purpose of the group is to advocate for STEM education through state and federal regulations and to spread the word about STEM education. Brad Schultz (not in attendance) assembled the following items:

1. A report on the new Framework for K-12 Science Standards, which is now available and has a strong emphasis in science and engineering. It will be used to develop national common core standards.

2. Information on a group called the STEM Education Coalition, based in Washington, D.C., which is a national STEM advocacy group. Brad recommends that our group become an Affiliate Member, which is free.
3. A letter sent on June 23rd to Chris Roe of CSLNet (California STEM Learning Network) requesting that this working group join forces with other advocacy groups in the other regional members of CSLNet. Chris responded that CSLNet is in the midst of developing a policy framework and STEM advocacy alliance.
4. A proposed committee letter to our representatives in Congress to support the reauthorization of ESES (No Child Left Behind).

The next meeting date for the Advocacy working group is TBD.

Communications working group—Steve Kliewer/Eric Doster—communications are essential. External communications will identify our group and establish a presence with funders, community supporters and new members. Internal communications will provide for sharing ideas, information and resource collaborating. **The original website created by Steve is still operating at endeavours.org/STEM. A new website has been created at www.CCSTEM.org by Eric.**

Members are asked to log on to the new website and try it out. It has a FEEDBACK feature that we can use to suggest changes. A Google calendar is being used as an Event Calendar for STEM activities.

Decisions needed include: What areas should be private? How do people gain access? Should a forums/threaded discussion area vs. a Q&A format be used? It was proposed to have volunteers perform the following duties: newsletter editor, website maintenance, website sectional curators and moderators for general postings, event posting, resource postings and group discussions.

Logo—four possible logos were displayed. Member input is requested.

Name—several possibilities were displayed (Central Coast STEM Education Collaborative, Central Coast STEM, Central Coast of California STEM Education Collaborative, Central Coast SEC STEM, Central Coast STEM of California, California SEC STEM). (Also Central California Coast STEM Education Collaborative.) Input is requested.

Celeste Royer volunteered to share Rancho El Chorro's guidelines (CREEK "filter") for websites. It was noted care is needed in using photos of children.

Update from CSLNet—John Keller via speakerphone—reported on the "Request and Guidelines for Submission for CSLNet Regional Alliance Start-up Grants" received from Chris Roe. CSLNet's goals are:

1. increase interest and competencies among all K-14 California students in STEM disciplines (with an emphasis on critical thinking, innovation and use of information technologies)
2. ensure all California students are college and career ready without the need for remediation upon graduation from high school, with a greater number of students pursuing STEM-related degrees and careers

3. build a network that connects existing assets and develop new capacity to innovate, scale and system effective STEM teaching and learning. (No. 3 may need correction.)

Chris asked us to consider partnering with Santa Barbara County, Ventura County and Kern County. John volunteered to explore these partnerships. John wants our grant proposal prepared by the beginning of September and accepted by October 1st. CSLNet will be holding a summit at UC Davis on October 10th-11th. The amount of the grant may vary from \$10,000 to \$50,000. Also distributed was The California STEM Learning Network Regional Alliance STEM Partnership Self-Assessment. An outstanding question was who will represent our group at the CSLNet summit.

Organizational Structure working group—Tanja Kehler—presented the group's proposal based on the need for the collaborative to bring together stakeholders in STEM education for the purposes of networking, partnering and visioning with regards to STEM Education projects.

1. Convene Establish funded coordinator position
 - Responsibilities include: Moderating and managing website; facilitating meetings and networking between members; tracking and documenting activities and partnerships; summarizing and posting quarterly and advisory meetings; searching for grant opportunities to establish sustainability of collaborative
 - Year long position, somewhere between 5-20 hours per week
2. Convene Quarterly General Meetings
 - August, November, February Meetings: 2 hour meetings to be held during the evening
 - May Meeting: Full day meeting similar to CC STEM Educational Forum in May 2011
 - Venue and facilitation rotates through various stakeholder organizations
 - Meetings include updates on projects; promotions; partnering opportunities; breakout groups
3. Convene Monthly Advisory Group
 - Involves at least one designated representative from each of the following stakeholder groups: K-12 education, higher education, informal education, business (and community)
 - Also involves representatives from working groups
 - Open to all interested participants, quorum of 5 required
 - Consensus Decisions format
 - Would meet during off-months to help organize quarterly meetings and evolution of organizational structure
4. Establish efficient communication network including the following:

- Calendar – possibly two calendars, one for general public and one for active members
- Listserv – provide weekly summary of listserv postings
- Website – provide information portal
- Google Group – provide space for chat sessions and sub-committee communication

5. Working group meetings—to be scheduled by groups.

New collaborative projects/working groups:

1. Walt Reil suggested a public relations group of 3-4 members be formed to serve as speakers for the collaborative.
2. Edmund Burke proposed forming a fund-raising working group. He informed us that Dr. Paul Murphy of Allan Hancock College has expressed interest in supporting the group. Dawn Hinchman, Jane and Tanya volunteered to be part of the group.

Announcements:

1. September 12-16th is “Green School’s Week”.
2. Edmund announced an October 24-25 Teacher’s Conference that will include a Vandenberg rocket launch.
3. Dawn announced “I am FIRST/Science is Rock and Roll” will be broadcast on ABC at 7:00 p.m. Eastern time on August 14th.

Summary of Action Items and Accountabilities:

1. Establish website filter and guidelines for postings/photos—Celeste
2. Logo and Name feedback—Rita will provide means for indicating choices
3. Prepare and submit RFP to CSLNet—Endeavor (Edmund), Jane, Julie, Noha and Tanja
4. Determine who will represent us at CSLNet at October 10th UC Davis meeting—no decision
5. Form public speaker team—no action taken
6. Should we open a bank account?—no decision