

**Tri-Valley Educational Collaborative  
General Meeting  
October 1, 2009- 8:00 AM to 10:00 AM  
LVJUSD Board Room**

**MINUTES**

Member Present: Cindy Alba, Kathy Adelman, Jacque Barker, Denise Boeder, Bill Branca, Liz Buckley, Jim Caldwell, Elizabeth Calhoon, Diane Centoni, Tom Curl, Bryce Custodio, Don Danner, Gloria DaSilva, Sue Davis, Julie Duncan, Roxann Engel, Deborah Evans, Ben Fobert, Holly Gallaway, Susan Hayes, Linda Gullick, Kim Halket, Todd Halvorson, Kat Hannah, Debbie Harvey, Jorja Ivie, Kit Little, Mark McCoy, Keri McDonald, Ginny McGaha, Karen McMahan, Steven Martin, M. Mendiola, Bob Middleton, Janice Noble, Jennifer Rousch, Vicki Schellenbarger, Kathy Schults, David Stronck, Charlene Walker, Judy Watkins, Anne White, Catherine Wolfe, Kelly Zummo.

Guests: Stacey Stein, Stephanie Maimoni, Dawn Giardelli, Kevin Adler.

**I. Call to Order at 8:05 AM and Introductions by Dr. Janice Noble**

**II. Approval of May, 2009 Minutes**

A. Corrections: Ginny McGaha specified that the Get Set program offers four field trips and ten workshops, not ten field trips.

B. Jennifer Rousch moved to approve the minutes with corrections. Bob Middleton seconded the motion and it passed.

**III. Orientation to TEC- Dr. Janice Noble**

A. Mission

The mission of TEC is “to ensure that all students learn and apply the academic, thinking and interpersonal skills and personal qualities necessary to be successful in their life’s work.” Since 1991, TEC has been funded through Carl Perkins CTE grants with the goal of evaluating and planning articulation strategies for CTE programming for the Tri-Valley Community in a collaborative forum, ensuring integration between middle and high schools.

B. Organization and Leadership

The Members are representatives from DUSD; LVJUSD; PUSD; SUSD; Chabot/LPC; TVROP. Stakeholders include CSUEB; Community College and secondary schools; employer associations; Tri-Valley Business Council, Chambers of Commerce, labor and apprenticeship organizations; government legislators, partners in education foundations;

parent and student representatives; career center and one-stop representatives; Junior Achievement.

TEC is led by two co-directors: Dr. Janice Noble from Las Positas College and Diane Centoni, Superintendent of TVROP.

The steering committee is called the Administrative Council. It is comprised of 'district leads' from the member districts, the coordinator and a business representative. The Administrative Council holds monthly meeting where it plans agendas, proposes new activities, sets policies and allocates resources.

General meetings take place monthly the first Thursday of each month between October and May. It is chaired by the Co-Directors, who alternate annually. Members participate in presentations, district-wide projects and district team break out sessions.

#### C. 2009-2010 Goals for TEC-

1. Integrate new and revised Las Positas College curriculum from 2008 – 2009 academic year into the operations of all high school district information, as appropriate. (Fall 2009)
2. Implement recommendations from TEC website task force to improve the functionality and appearance of the Tri-Valley Educational Collaborative website and install the Career Pathway Portfolio on website, including ongoing changes and revisions. (Spring 2010)
3. Continue exploration, development, and implementation of a partnership with Road Trip Nation as makes sense for all district high schools.
4. Plan, develop, implement, and evaluate a new Energy and Utilities/Sustainability Career Pathway for inclusion in the existing Career Pathway Portfolio.
5. Identify and link free CTE-related educational tools for instructors to TEC website as a step towards becoming a resource clearinghouse for members.
6. Continue development and refinement of Career Pathways Project.

#### **IV. Cross-District Pathway Teams - Diane Centoni**

Diane presented the Career Pathways Model binders TEC completed last year and talked about cross-district pathways and the Worksheet, Flowchart and Sequencing charts in the binders as well as LPC and ROP concurrent enrollment opportunities.

Diane explained that the “next step” is to identify academic standards for each program. TEC has obtained an \$18,000 SB70 grant to continue with pathway development, matching industry folks with district folks to evaluate standards. The Administrative Council will identify which industries and programs of study to evaluate first.

## **V. Guest Speaker Scott Miner: Energy Program Development at LPC**

Scott Miner has an engineering degree from Cal Poly San Luis Obispo. He grew up in Pleasanton and didn't know what he wanted to do after high school. He found the answer thanks to courses he took at Las Positas College. He now sits on the industrial advisory board at Cal Poly, is a member of the Alameda Arts Commission for Castro Valley. He wants LPC to be the “landing pad” for students coming out of high school who want to pursue careers in the field of energy.

Energy is in the news- in our wallets, houses, gas tanks. We would be better off if we didn't waste so much for many reasons. He showed a graph of the many energy sources we utilize and says ideally we could narrow it down. Today, only 33% of energy is used and 65% is lost. Careers in energy will help us identify how to become energy efficient and capture and used “lost” energy.

The goal for the energy program at LPC is to create leaders in the energy field, identify emerging careers and set foundations for them, and support future entrepreneurs such as Cool Solar in Livermore.

Scott is a master welder- alternative energies such as solar, steam, wind and other energy systems need welding to put it all together- and lots of systems can't survive without it. One idea at LPC is to create a terminal pathway so installers work with energy integrators- hands-on working with tools. This has potential for providing a new pathway for students with math and science orientations and further their career options and transferring capabilities into 4-year post-secondary programs for science and/or electrical engineering. LPC also want to foster personal growth and exploration for students who want to enter these emerging fields and technologies by creating a “learn by doing” environment.

Scott displayed a slide of a Green Academy Vision from the “East Bay Green Corridor” flow sheet which shows the articulations from secondary courses and high school academies to Lanier and Chabot College to CSUEB and UC Berkeley coursework and culminating careers.

Coursework at LPC will focus on these types of energy systems: solar thermal and solar photo careers; careers in wind energy, such as “utility scale wind turbine technician;” home building performance and energy efficiency, which teaches home auditing for students to improve home energy use (This is particularly timely since the CPUC wants to add “energy audit/home performance audit” to termite inspections for sales of homes)

LPC seeks to create for the Energy Pathway terminal paths of employment for installers and technicians; building performance inspectors; energy integrators; energy sales and marketing. Courses are interdisciplinary and spread across lots of pathways.

Pathways to advanced degrees are aligned with CSUEB Energy Management and Engineering; U.C. Davis Energy Efficiency Institute; and the Cal Poly SLO Alternative Energy Institute

High school is where the foundation for energy understanding takes place. It is important that secondary schools provide opportunities to explore emerging topics and development of critical thinking skills in the area of energy. He would like to see high schools foster discovery of energy as a potential career path and sees first hand that students are anxious to learn the curriculum. This is a non-traditional career path and these are emerging careers, some of which we haven't yet identified.

Scott encouraged all instructors to go to [www.need.org](http://www.need.org). This is the site for the “National Energy Education Development Project” invested with the mission to raise energy consciousness and educate society by harnessing knowledge in an effective network of students, educators, business, government and community leaders who design and deliver objective multi-sided energy education programs. *There are free resources on this site* including a “Blueprint for Success” booklet, resource catalog, curriculum guides (for elementary, intermediate and secondary), and pre-packaged lab activities ready for classroom use.

LPC has set up an advisory committee to orchestrate development of this program and it is co-facilitated by Dr. Noble and Scott. Scott welcomes secondary education members from TEC to join the advisory committee. Those interested should contact Dr. Noble. The first meeting will take place before Thanksgiving. Students are also invited to join the advisory committee.

## **VI. Road Trip Nation – Diane Centoni**

Diane introduced the Road Trip Nation career exploration program to the members of TEC. TEC has earmarked \$10,000 in TEC funds towards bringing the program to the high schools and \$10,000 in SB70 funds from the EB/TVC Collaborative for middle schools. She showed a clip of the program and explained we are working with the folks at RTN to find out how to bring the program to the secondary schools in the Tri-Valley.

## **VII. Announcements**

Julie Duncan announced the Career Fair being held at Amador Valley High School on Oct. 12. from 6:30 p.m. – 8:30 p.m. Representatives from close to 70 colleges will be attending.

Judi Watkins announced that thanks to SB70 funding from the EB/TVC Collaborative, WPLRC is able to bring two workshops to the Tri-Valley: a “train the trainer” workshop

for contextualizing basic skills and integrating them into CTE classes takes place Oct. 23. There is no fee and it includes lunch but registration is required. On Nov 19 is a “skills institute” presentation customized to address high school instructors. She mentioned this workshop aligns nicely with the employability certificate. Seating limited. RSVP to both by emailing [jwatkins@clpccd.org](mailto:jwatkins@clpccd.org).

Dawn Girardelli, Director of the EB/TVC Collaborative announced that the Alameda County Apprenticeship Collaborative would be holding a hands-on seminar and tour during the first or second week of May. EB/TVC will provide buses to take students to company sites. She is establishing participating companies right now. This is open to students at Chabot, LPC and 4-year institutions. One day will focus on students; the second day for adults.

Todd Halverson announced that Junior Achievement is working with AT&T on a job shadowing project.

Ginny McGaha announced that GET SET is now recruiting students for the 2009-2010 school year and asked TEC members to send female students in math, science and technology to their career centers. There will be an orientation on Nov. 12 at Fallon School in Dublin and she will bring brochures to the next TEC meeting.

Kevin Adler heads a new organization in the Tri-Valley called “Better Grads.” They will participate in the Oct. 19 “Freshmen in Transition” program at Granada High and on Oct. 20, will attend college night for sophomores, juniors and their parents at Granada High.

**VIII. Members broke into district team meetings at 9:20 a.m.**

**IX. The meeting adjourned at 10:45 a.m.**

Respectfully submitted,

Susan Hayes  
TEC Coordinator

***The next meeting of the General Membership of TEC takes place November 5, 2009 at the LVJUSD large board room from 8:00 a.m. to 10:00 a.m.***