

### **Northridge**

Ashwani Vasisht: curriculum development – we have some grants but will develop further; real time metering (energy, water); transportation (CSUN is a commuter campus and we don't have information on their travel patterns – find out their travel patterns, and design a proposal/programs accordingly).

On the facilities side, we have done some grant work and received federal transit money to design a campus center and campus tram. Some of the resources viewed today help us understand how we could collaborate earlier in the design process and with the colleges, particularly in terms of doing the preliminary needs assessment – based on data.

### **San Jose State**

Dr. Hsu: two projects of immediate interest – the first is R + D in education – to develop hybrid solar and wind power generating electricity facilities on rooftops. Wind energy is complementary to solar power; this has not been fully exploited as yet. On my own campus, one of my classes performed a study on a building that could be retrofitted with solar and wind energy components to generate significant energy.

The second project of interest to me is to develop green technology laboratory facilities for teaching and experiments. For our solar/pedal power car project, we found there were not appropriate facilities that could be used to test the car.

Pat Becker (SJSU) will be working on NSF proposals, likely for IEECI.

### **Bakersfield**

Ashok Bhatt: We have fragmented recycling programs on our campus and we need to bring them together into a coherent whole to maximize outcomes. Will apply for small grants; possibly borrow from SJSU's practice to create a Center for Recycling for the Bakersfield area.

### **Chico**

Jim Pushnik: Wants to participate on campus system for metering energy and water. Also will prepare a CCLI for STEAM (includes agriculture). Want to work across the curriculum to integrate sustainability across the disciplines, so regardless of their major, all students obtain exposure to sustainability and sustainable practices.

### **Dominguez Hills**

We had five representatives present – labor, education, development, public policy. Will bring into a project all of the activities currently underway on the campuses. Will utilize students in

non-profit/grant writing classes to research grant opportunities and share these with the campus and community, to bring sustainability to those environments.

### **Los Angeles**

We have a number of ongoing programs in sustainability and environmental science. We will check with our Service Learning Department to see if we are incorporating sustainability into the Learn and Serve program. We have environmental science programs that are research based. We want to extend these programs into public policy issues, to train the workforce that needs to understand sustainability issues as part of public policy decisions. We think that this will be a growth opportunity in the future.

### **Pomona**

Interested in sharing our student expertise with regard to landscape design and architecture, and to help other campuses prepare a sustainability master plan.

### **East Bay**

We have a campus team to discuss what was presented today. We will email the group as to what we will be doing.

Rhea Williamson: Improve recycling program on campus and student housing. Eliminate waste as much as possible and increase our percentage of recycling vs. waste diverted to landfills. Provide signage, training, and handouts for campus community as well as outside participants. Purchase recycling bins based upon campus standard and that are user friendly with pictures.

Involve Facilities Management with Engineering Department curriculum on current development as well as actual building characteristics on campus. Use actual building characteristics as a laboratory to review the various energy saving measures in the industry.

Look into the possibility of using wind power as an energy source on our Concord Campus. Look into the size of turbines available for small scale energy that will not affect airports in the area.

### **CSU Chancellor's Office**

Len Pettis: Wants to know how many campuses would be interested in a project like Chico's "Take Back the Tap" as a submittal as a multi-campus/system collaboration for waste diversion. Staff, faculty, and students would not purchase bottled water on campus; instead provide water filtration systems for students to refill their water bottles. This proposal would probably go to State Department of Conservation (Nancy Barankin). Interested campuses include: SJSU

## Sustainability Grant Writing Workshop – Campus Next Steps

(Tai-Ran Hsu); CPP, CSUN, CSUEB (Evelyn Munoz), CSU Community Engagement, SLO (Dennis Elliott)

Also want to follow on CSUN advanced metering project. The CSU CO is experimenting with this right now, and can share the information with you. Buildings and transportation are the largest contributors to global warming/climate change. If we have the advanced metering to see exactly how these buildings use energy, it would help us monitor our impacts and mitigate them. We are currently piloting the metering on 26 buildings on 5 campuses. Campuses with interest: CSU East Bay, Bakersfield, Chico, Los Angeles, Northridge, CPP, and SLO

Judy Botelho (CSU Center for Community Engagement): will do follow up to campuses and also communicate with those who attended the meeting, re the Learn and Serve opportunity, as well as other opportunities for the sustainability groups in CSU that can collaborate closely with centers for community engagement/service learning.

Marlene Nang – my next step at the CO will be to add the grant resources to the sustainability website

Vi San Juan sends her sincere thanks to everyone who took time out of their busy day and looks forward to communicating with workshop attendees.

Our next step is to share the information and ideas. We have a number of sustainability initiatives – interested in transportation and mitigation strategies. Very interested in curriculum development – particularly Chico’s “Train the Trainer”. Initiatives in sustainable architecture, recycling, student activism

Event closed at 2:30 p.m.