Chancellor’s Campus Sustainability Committee  
January 7, 2010 @ 4:00-5:00 pm  
Cheadle Hall, Rm 5123

**Members Present:**  
Ron Cortez, Diana Dyste, Michael Hewitt, Bruce Kendall, Mel Manalis, Joel Michaelsen, Evanne St. Charles, Bruce Tiffney

Advisors/Consultants Present: Marc Fisher, George Foulsham, Mo Lovegreen, Jill Richardson

**Members Absent:**  
Ingrid Banks, John Bowers, Paolo Gardinali, Alan Heeger, Walter Kohn, Quyen Nguyen, Britt Ortiz, Constance Penley

**Updates:**

- Mo and Jill provided an update on four potential Bren School Group Project proposal topics (decentralized utilities, water conservation, transportation assessment, and LED lighting) that Bruce K sent out to the students and the faculty at the Bren School. We received three students interested in the utilities project, two interested in the water project, and one interested in the LED project. Mo, Jill, and some other appropriate staff will be meeting with the students to flesh out the project proposal. Bruce K mentioned that Roland Geyer might be a good faculty advisor for the utilities project.

- Bruce T and Jill (among various other people across campus) attended an eco-charette – a planning session to discuss sustainability features – on the forthcoming Bioengineering Building that’s going in on the east side of the Davidson Library. Two of the more interesting ideas that came up, in Bruce's opinion, were 1) geothermal in place of a natural gas-powered boiler – which has greater up-front costs, but less longer term costs, and 2) a chilled beam system for cooling individual rooms - which, again, has greater up front costs, but fewer long term costs. Plus, the chilled beam is being used in all new buildings at UCLA now. Jill added another idea that came up was on-site water treatment in a sort of “water garden” in front of the building – though this kind of system could cost $200-$300K. Bruce T asked if the committee felt there should be more of these eco-charettes for new buildings in the future. Joel and Michael both agreed it was important to stay involved. Plus, Joel added that he feels it important for the project managers to report back to the committee with their plans for green features. Mel Manalis also asked if we had looked into heat pumps, as opposed to geothermal. Bruce T stated he would draft a memo covering these topics for the building planning committee.

- Ron wanted to update the committee on the standardized recycling program. Mo and her committee have worked with MarBorg (campus trash hauler) and have essentially completed the planning of the program, which will include both indoor and outdoor recycling. To help cover the cost of new receptacles, we will include it in the price of the existing hauler contract to spread it out over time.

- George asked where we are on the eight policies that were submitted to the Chancellor. Ron stated that they had already been approved by the Chancellor and were now with Meta Clow (campus policy steward) who is currently reformatting the policies. She anticipated having them all complete in the next few weeks.

**Discussion:**

- Bruce T stated that much of the campus carbon footprint is travel for campus business and research. We could decrease the campus footprint if we increased the amount of videoconferencing. There are no videoconferencing facilities in Cheadle Hall or the Senate offices, where many of the people who travel to Oakland regularly reside. How do we encourage people to use videoconferencing? Joel mentioned that the system-wide
Academic Senate has no videoconferencing capabilities, so he wonders whether this is more of a system-wide issue rather than a campus issue. Joel and Bruce T agreed that we need to push from both directions (campus and OP) in order to increase videoconferencing system-wide. Joel suggested we create a memo that goes to the UCSB Senate and administration (Gene Lucas’ working group) first to build a campaign before approaching OP. Mo stated that Geography’s Polycom system works pretty well and is user friendly. Bruce K suggested we look at NCEAS videoconferencing system, as it seemed to work well while he was in Australia. But he also reminded us that we do need technical support to ensure it’s running properly. Bruce T asked if there was tracking of costs for Senate travel. Joel stated there was and estimated that it costs approximately $12,000-$14,000 in travel costs per system-wide Senate meeting. Mo and Marc suggested we bring this topic up to Charlotte Strem (UCOP director of planning) during our conference call with her on February 4. Bruce T offered to draft a memo from the Committee to the appropriate campus figures.

- Three graduate student bios were posted on the white board for the committee to review. The committee selected Steffen Gauglitz, a Ph.D. student in computer science, as the second GSA rep.

- Bruce T distributed a Smart Building policy in December for everyone’s review. Evanne responded with some concerns that Bruce T felt were covered in our Green Building policy drafted last year. The Smart Building policy covers more of the building mechanics. Mo stated she had some edits from the Built Environment Team she will send Bruce T. Mo suggested that we spend the next two weeks getting the policy vetted by the appropriate people across campus, then bring it to the meeting on January 21 for a committee vote. Marc felt it important to have a policy that reminds us of who needs to be at the table during the new building design process, and felt that Gene Lucas should read it and buy-in since he is involved in building committee selection.

- Mo inquired about the status of the Environmental Justice policy. Bruce T stated that Ingrid is unable to make our meetings this quarter, but Mel and Diana would be working with her to finish the policy. Michael suggested an undergraduate student should also be involved and had someone in mind whom he would refer to Mel and Diana.

- At the December meeting, Bruce T brought up needed changes in our Transportation Alternatives Board (TAB) and the Rate Payers Board so that both boards are striving for the same campus goals. At our February 4 meeting, we will be meeting with Charlotte Strem, the planning director at UCOP who specializes in transportation planning, to discuss some of UCSB’s issues and some of best practices used by other campuses. Mo suggested we meet in the Geography conference room so we may videoconference with Charlotte.

- At the end of the meeting Michael suggested we look into a bike rental program on campus. Marc stated it is something worth looking into.

- Meeting adjourned at 5:03 p.m.

**Actions/Tasks:**
- Bruce T will draft a memo for the Bioengineering building committee regarding sustainability committee input on sustainable design options.
- Bruce will draft a memo for campus Senate and administration regarding moving forward with a system-wide videoconferencing system.
- Jill will work on getting an official offer letter drafted for the new GSA rep.
- Mo will send Bruce the Built Environment edits to the Smart Building Policy and then Bruce will send the policy out for vetting.
Next Meeting:
• Thursday, January 21
• Presentation: Peter Stricker, VP at Clipper Windpower
• If time, vote on Smart Building policy.
• Suggestions?