

**UCSF Advisory Committee on Sustainability**

**03/10/21 Meeting Minutes**

Attendees: Sheila Antrum, Brian Newman, Gail Lee, Rowena Eng, Mike Roberson, Kelley Catron, Colin Baylen, Joy Glasier, Bruce Lanyon, Sophia Labeko, Starley Shade, Patti Mitchell, Lisa Cisneros, Arianne Teherani, Marya Zlatnik, Dorie Apollonio, Katherine Gundling, Benjamin Levie, Alicia Murasaki, Sheri Weiser, Paul Landry, Dan Henroid, Seema Gandhi

Agenda Topic	Notes	Action Item
<b>Introduction</b>	Gail welcome attendees, shares agenda (see slide deck)	
<b>UC CNI Projects</b> <b>(Gail Lee)</b>	<p>GCLC – Global Climate Leadership Council (established by President Napolitano and now reporting to President Drake) provides funding to CNI (Carbon Neutrality Initiatives)</p> <p>FY20-21 \$1.2M</p> <ul style="list-style-type: none"> <li>- Projects around Climate Action Planning, Applied Research, Student Engagement, Energy Services, Faculty Engagement and Health</li> </ul> <p>FY21-22 Proposed Projects \$1.2M Decisions expected April/May</p> <ul style="list-style-type: none"> <li>- Student Engagement (\$260k) is for the CNI Student Fellowships which is a popular program and (\$100k) for Community-Academic Partnerships to Advance Equity-Focused Climate Action which is a big focus now</li> <li>- Climate Resilience Planning (\$200k). The first bucket of money 20/21 was for the first meeting. More meetings planned in 21/22 with a climate resilience expert</li> <li>- Others we think will get funded... see slide deck</li> </ul>	
<b>Resilience Planning</b> <b>(Joy Glasier)</b>	<p>UC Climate Change Resilience &amp; Adaptation Planning Project</p> <ul style="list-style-type: none"> <li>- Contract with consultant to facilitate 10 campuses and Health Centers to hold climate resilience workshops <ul style="list-style-type: none"> <li>▪ Do it right the first time, centering around Justice, Equity, Diversity and Inclusion(JEDI)</li> <li>▪ Opportunity to bring together diverse stakeholders to improve resilience to climate change vulnerabilities</li> <li>▪ Opportunity for UC to lead the way</li> </ul> </li> </ul> <p>UC Project Goals</p> <ul style="list-style-type: none"> <li>- for each UC will be a little different (See slide deck for full list of goals)</li> </ul> <p>JEDI and Climate Resilience Planning</p> <ul style="list-style-type: none"> <li>- Must be tailored to each campus</li> <li>- Helping the university identify who and how to include in planning efforts (which stakeholders come to mind?)</li> <li>- Current list could use you input or you may have already been ‘pinged’ by Joy</li> </ul> <p>Project Approach:</p> <ul style="list-style-type: none"> <li>- Vulnerability and Equity Assessment Framework</li> <li>- Workshop Planning: 2 Introductory Workshops and 13 Individual Location Workshops, all remote (UCSF will have one workshop with both campus and UCSF Health) followed by a debrief and report</li> </ul> <p>UCSF &amp; UCSF Health Location Team</p> <ul style="list-style-type: none"> <li>- Leadership Sponsor: Alicia Murasaki - AVC Campus Planning/Campus Architect</li> <li>- Location Leads: Joy Glasier - Campus Planning, UCSF Real Estate and Gail Lee - Sustainability Director, CLS</li> <li>- Location Team: see slide deck (<i>this team will be guiding the logistics, the actual participant team is much larger</i>)</li> </ul>	

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	<ul style="list-style-type: none"> <li>- Workshop Participants include representatives from: see slide deck for list, Center for Climate Health &amp; Equity, others pending, UC Hastings asked to be involved, Fresno or BCHO still under consideration</li> <li>- Dan suggested we include Kevin Dugan, the new Director of Emergency Management for the Health System</li> <li>- Gail asked if there were others to invite; Lisa Cisneros suggested that someone from the Office of Communications would be great, and stated that BCH Oakland representation would be important</li> <li>- Dan Henroid stated he thought that Oakland inclusion was interesting. They are not participating in UCSF sustainability practices at this point. Gail offered that we should be consistent in how to bring Oakland in on other issues. Joy mentioned that they are not really part of the SF community</li> <li>- Sheri added that since we are focusing on equity, we should be have some community representatives and with the Climate Health Center and Naomi’s help trying to outreach and develop working partnerships with community partners on environmental justice organizations that would help us to work together to accelerate these partnerships... Joy said it was a good idea and she will reach out to the city after the location lead meeting on Friday (March 12)</li> </ul> <p>Timeline (See slide deck)</p> <ul style="list-style-type: none"> <li>- Consultants will provide recommendation for the location teams and an overview of their vulnerability assessments framework</li> </ul>	
<p><b>UCSF Sustainability Expands – Activities and Earth Month Planning</b></p> <p><b>(Gail Lee &amp; Rowena Eng)</b></p>	<p>Overview of what is happening at UCSF and Sustainability Expand (Gail Lee) (see slide deck)</p> <ul style="list-style-type: none"> <li>- Academic Senate Sustainability Committee, since 2008, still on-going focusing on Senate activities (Chelsea Landolin as chair, Katherine Gundling are members of this very enthusiastic group) They are working on a variety of projects: facilitate easy/safe ways to bike to work; electrification; assisting with developing speaker series with Center of Climate, Health and Equity; Fume hood issues projects.</li> <li>- Transportation Fleet Director working on electrification and vehicle charging and we should make sure they connect</li> <li>- EaRTH Center, PHRE and PSR are sponsoring the Osher Mini-Medical School, Katherine and Sheri have been instrumental, great opportunity for lay people to learn about Environment Justice</li> <li>- Arianne can address climate and sustainability in core preclinical coursework, would also give credit to Allan Ndovu, 2<sup>nd</sup> year med student working on this actively with Arianne, Nick Iverson, and Heather Whelan</li> <li>- Katherine spoke to the department of Surgery hoping to start a collaboration so that they begin conversations about sustainability. Seema Gandhi working with Surgery on sustainability in the periop area</li> </ul> <p>Earth Month Preview (Rowena Eng)</p> <ul style="list-style-type: none"> <li>- Preparing for April Earth Month Celebration</li> <li>- We have a calendar of activities and events we hope will appeal to those who are working from home or working on site weather they are new to Sustainability to those who are Green Champions</li> <li>- Living Green Tips and Live Events as well as advertising events going on with other collaborators</li> <li>- Please let us know if you have information on other events and we will add it to the calendar</li> <li>- The Earth Month challenge involves completing activities and participating in events</li> </ul>	

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<b>Review of Subcommittee Priority Projects</b>	<p>Goal Reminders:</p> <ul style="list-style-type: none"> <li>▪ Complete projects by end of FY 21-22, High level influence on leadership for changes in policies, practices, and accountability (Includes implementation and follow-up to ensure accountability), Metrics?</li> </ul> <p><b>Health – facilitated by Gail Lee</b></p> <ol style="list-style-type: none"> <li>1. Include sustainability into value analysis of contracts <ul style="list-style-type: none"> <li>▪ Consider factors such as waste generation, energy consumption, whether it is single-use or reusable.</li> </ul> </li> <li>2. Prefer reusables vs. disposables when given the choice <ul style="list-style-type: none"> <li>▪ Prevent new waste from entering our hospitals? Reusable materials will reduce our total waste generated. Select purchases with alternative, less wasteful packaging.</li> </ul> </li> <li>3. Cost transparency for the 5 most expensive items or top 10 purchases <ul style="list-style-type: none"> <li>▪ difficult to do a cost-benefit analysis when there’s a lack of cost transparency</li> </ul> </li> <li>4. Infection control - Infection Control is barrier in getting sustainability ideas implemented; they seem to have “veto power” if anything has a perceived risk. We need to question and improve our understanding of Infection Control policies. Suggestion to include them in process.</li> </ol> <p>December Health Next Steps (See slide deck and group notes)</p> <p><b>Buildings &amp; Operations – facilitated by Brian Newman</b>  (Criteria: cost/value, environmental impact, ease of implementation given 2-year timeline, support any pre-existing projects, existing UCOP sustainability policies)</p> <ol style="list-style-type: none"> <li>1. Mandate reduction and replacement of freezers with Energy Star models <ol style="list-style-type: none"> <li>a. Reduce quantity in addition to mandating Energy Star models to reduce carbon footprint of freezers</li> <li>b. Use stronger language regarding Energy Star purchasing policy (from “encourage” to “mandate”)</li> <li>c. Hits criteria for cost, impact, ease of implementation, and there is already a School of Pharmacy pilot ongoing (if successful, we can roll it out and mandate it for the rest of campus)</li> </ol> </li> <li>2. Support Green leases <ol style="list-style-type: none"> <li>a. LEED – EBOM was not cost effective when Facilities funded it in the past so will focus on green leases instead</li> <li>b. Cost, ease of implementation, already in progress</li> </ol> </li> <li>3. Connect buildings to chilled water system and install heat recovery (on-going check with Paul Landry) <ol style="list-style-type: none"> <li>a. Primarily focus on Mission Bay at first but high ROI and environmental impact</li> </ol> </li> </ol> <p>February Bldgs. &amp; Operations Next Steps (See slide deck and group notes)</p> <p><b>Academics – facilitated by Dorie Apollonio</b>  (Criteria: budget limitations, opportunities to leverage ongoing programs (e.g. Climate Health Center), opportunities to engage supportive leadership and generate recommendations for them to implement projects)</p> <ol style="list-style-type: none"> <li>1. Climate Reset <ol style="list-style-type: none"> <li>a. Developing materials and engaging higher-level strategy conversations about optimizing carbon-reduction as we transition out of the pandemic (e.g., telecommuting, business travel)</li> <li>b. <a href="#">CLS Commute Survey</a></li> </ol> </li> </ol>	

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	<p>c. Telecommute d. Business travel... Colin Baylen had done a study</p> <p>2. Multilevel communication strategy to reduce carbon Share environmental health and climate change patient education material in UCSF clinics; Med students interest Dec: Academics Sub-Committee Next Steps (See slide deck and group notes)</p> <p><b>Communications – facilitated by Rowena Eng</b></p> <p>1. Outreach and education to the greater SF community on UCSF’s commitment to carbon neutrality – Outward focus share more broadly so that we can influence other businesses and academic areas and inward focus the same across our departments. a. Not only focus on economic benefits, but highlight environmental health benefits UCSF brings to communities</p> <p>2. Incorporate climate change and carbon neutrality goals into department- and UCSF-wide communications a. Host a sustainability town hall using the Diversity and Outreach annual leadership meeting as a model. Holds chancellors and deans accountable by asking them to present their work on sustainability.</p> <p>3. Training and mobilizing advocacy work a. Leveraging our research/other resources to influence policymakers and the public on environmental regulation b. Engage the UCSF Community &amp; Government Relations and the Health Care Climate Council</p> <p>Dec: Communications Next Steps (See slide deck and group notes) Next Steps for Sub-Committees: Firm up strategy, determine actions items and assignments, Use influence to gain traction, Measure effectiveness of strategy</p>	
<p><b>Breakout Sessions - Ranking Projects</b></p>	<p>Subcommittee 03/10/21 breakout notes</p> <ul style="list-style-type: none"> <li>▪ Heath: <a href="https://docs.google.com/document/d/1qgLWq830mtu1aqEj2VqbchdyQnzpqljFAzpBm7dUl4/edit?usp=sharing">https://docs.google.com/document/d/1qgLWq830mtu1aqEj2VqbchdyQnzpqljFAzpBm7dUl4/edit?usp=sharing</a></li> <li>▪ Buildings &amp; Operations: <a href="https://docs.google.com/document/d/1YoQUU0TmngjgJF0UQYf1paxK3qbkQNpDZMoH7Xvjzkk/edit?usp=sharing">https://docs.google.com/document/d/1YoQUU0TmngjgJF0UQYf1paxK3qbkQNpDZMoH7Xvjzkk/edit?usp=sharing</a></li> <li>▪ Academics: <a href="https://docs.google.com/document/d/1_mJFw6ktv6MZKcCpwF3qYC5WqApv_qAka07PPWzr1j4/edit?usp=sharing">https://docs.google.com/document/d/1_mJFw6ktv6MZKcCpwF3qYC5WqApv_qAka07PPWzr1j4/edit?usp=sharing</a></li> <li>▪ Communications: <a href="https://docs.google.com/document/d/1QkTa1Qntu1gh2Tni8_wqLR_Mbf1hHTJk06MUglNwwBU/edit?usp=sharing">https://docs.google.com/document/d/1QkTa1Qntu1gh2Tni8_wqLR_Mbf1hHTJk06MUglNwwBU/edit?usp=sharing</a></li> </ul>	
<p><b>Report Back... Reconvene and share highlights</b></p>	<p><b>Health Subcommittee Highlights:</b> Top Priority project, include sustainability into value analysis of contracts: <b>It’s all about procurement.</b> (Gail Lee, spokesperson)</p> <ul style="list-style-type: none"> <li>- Discussed major areas of concern around procurement and decided to focus on top 5 high value items and show benefits... what is the upfront cost as well as waste disposal costs. Seema Ghandi in the Periop area has already looked into this. The challenge is to socialize it and look into these case studies and look at the cost and benefits and it doesn’t always appear to be what it is at the beginning. That will be the focus of the Health Group. Look at the value analysis to include energy/waste impacts in the decision-making process in the future.</li> </ul> <p><b>Buildings &amp; Operations Subcommittee Highlights:</b> <b>Freezer Roll-out to Campus</b> (Paul Landry, spokesperson)</p>	

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<b>(Subcommittee notetakers)</b>	<ul style="list-style-type: none"> <li>- The Freezer Rebate Pilot is already in process. Action items are understood. Discussed encouraging vs. mandating... When ready to make a purchase Energy Star is usually chosen so mandating isn't necessary. The rebate pilot focuses on accelerating the replacement of older freezers and could continue to operate for years.</li> <li>- We also discussed having occupancy requirements so when people move into new or renovated spaces, they could must bring only Energy Star units. Occupants are responsible for the cost. This could be an area to work on. Ben Levie added to point out the benefits of new Energy Star freezers are they don't generate heat so don't need space cooling. They have a small footprint and have a lower plug load. Brian stated that the project pays for new freezer and can't be added to the capital cost. Alicia Murasaki ensure old freezers don't circulate back onto campus.</li> <li>- Action items on Green Leases were also discussed. We will move forward and will talk to people in UCOP, will reach out to Gail for information to centralize these lease types across all campuses.</li> </ul> <p><b>Academics Highlights: Pt Education Materials Development</b> (Dorie Apollonio, spokesperson)</p> <ul style="list-style-type: none"> <li>- Goal: identify existing materials and develop new ones for UCSF clinics. Arianne is getting funds for a UC Center for Climate, Health, and Equity to bring in a trainee or partner to work on this project to develop 3-5 climate related outreach materials (to share across UC since the CCE is a UC wide center). Medical students will be funded for summer projects under the curriculum ambassador program. Todd Sack who developed materials under My Green Doctor has a WS appointment to mentor these folks.</li> <li>- Katherine suggested a landscape analysis to see what is already in progress across UCSF. There may be projects or processes that the trainee can make improvements upon. Arianne also noted the posting should be created to bring attention to the impact of climate and health. Select 3-5 priority topics. Gail said that we should convene the group to discuss before the next meeting.</li> </ul> <p><b>Communications Subcommittee Highlights: Focusing on top priority</b> (Rowena Eng, spokesperson)</p> <ul style="list-style-type: none"> <li>- Discussed some exciting and timely opportunities to incorporate sustainability in UCSF wide communications. Such as using a portion of an upcoming UCSF Town Hall for Sustainability.</li> <li>- Another timely topic... the CPHP regarding trees and Mt. Sutro tree removal of older dead trees</li> <li>- More time needed so we will plan another meeting. Rowena will schedule.</li> </ul>	
<b>Last Words: Brian Newman Sheila Antrum</b>	<p>Last words from Brian: Looking forward to leaning more about resiliency and anxious to participate in the workshops</p> <p>Last words from Sheila: Excited to see Communication moving back to talking about this.</p> <ul style="list-style-type: none"> <li>- I've learned a lot and I'm glad we are going to get back to pre-Covid issues and focus on what makes UCSF great.</li> </ul>	
<b>Next Meeting</b>	<b>Wednesday 06/09/21, 1:00-2:30pm</b>	