

## UACS Meeting Minutes

Room MH 6400 and MU 244 3:30-5:00pm

**December 16, 2019**

**MH:** Gail Lee, Rowena Eng, Isabel Jauregui, Joy Glasier, Kevin Beauchamp

**PH:** Lauren Ng, Eden Harris, Stephen Ettinger, Colin Baylen, Katherine Gundling, Brian Newman, Sheila Antrum

**Zoom:** Paul Landry, Thomas Newman, Dan Henroid, Sapna Thottathil, Annemarie Charlesworth, Bruce Lanyon, Kenneth Laslavic, Dorie Apollonio, Alicia Murasaki, Mark Freiberg, Patti Mitchell, Theresa O'Brien, Arianne Teherani

Agenda	Action Items	Responsible Person	Due Date
Travel Offset Pilot (Colin Baylen & Stephen Ettinger)	<ul style="list-style-type: none"> <li>● New project with the goal to mitigate UCSF's emissions from business and academic air travel</li> <li>● Human Health and Climate Change: intersection of climate and health issues (advocacy, activism, community impact)</li> <li>● Climate change is a health crisis</li> <li>● Business and academic airline travel is responsible for 12% of emissions in 2017, 14% in 2018 and increasing</li> <li>● Our emissions correlate to about 1 acre of arctic sea ice melting, so it is quite significant</li> <li>● TERA: Targeted Emissions Reductions Agreement               <ul style="list-style-type: none"> <li>○ Goal: Offset the UCSF carbon footprint from business &amp; academic travel</li> <li>○ How: ucsf wide initiative, committing departments to offset carbon from air travel</li> <li>○ Affordable, \$8-10 per episode of domestic travel</li> <li>○ Will amount to a couple thousand dollars per department per year</li> <li>○ Partnering w/ Cool Effect (local nonprofit). Cool Effect has worked w/ UCOP, Yale, &amp; MIT</li> <li>○ Start with pilot of this program, SOM already has collected data it needs pertaining to travel</li> </ul> </li> <li>● Not all departments necessarily report to School of Medicine               <ul style="list-style-type: none"> <li>○ They'd like to work with Finance/Supply Chain Mgmt to work out details for accounting and payment 6+3 6or offsets.</li> <li>○ Want to know flights details to assign offsets.</li> </ul> </li> <li>● Colin and Stephen plan to present to Chancellor</li> <li>● Questions:               <ul style="list-style-type: none"> <li>○ Brian Newman: How good is our data?                   <ul style="list-style-type: none"> <li>■ People don't use Connexus and purchase flights on our own - do we have data on # of flights based on reimbursements?</li> <li>■ Gail: Clare suggests we find a way to</li> </ul> </li> </ul> </li> </ul>		

	<p>automate the data collection and offset determination. Jim Hine is working on a new travel tool to capture data to determine offsets.</p> <ul style="list-style-type: none"> <li>○ Brian Newman: There are many credentials that require continuing education. What are professional organizations doing to minimize the need for travel? <ul style="list-style-type: none"> <li>■ Katherine: some medical organizations don't address these issues whereas others do; within the organizations themselves, few compensate for carbon footprint. Another benefit of this program is to garner awareness among our own faculty and staff about the impact of their travel. Lastly, she recognizes there is large variability between departments that require conf attendance.</li> <li>■ Stephen: Perhaps 75% submit personal receipts</li> <li>■ Gail: It looks like only 27% of people using Connexus. We also don't currently track other aspects, like layovers.</li> </ul> </li> <li>○ Gail: How many departments have you gotten commitments from? <ul style="list-style-type: none"> <li>■ Collin: 0. But within the next 2 months, hopefully can get commitments from 4 different departments.</li> </ul> </li> <li>○ Final thoughts - Please start conversations to explore adoption for pilot</li> </ul>	<p>Gail to report back on Connexus/ travel emissions tool</p>	
<p>Lancet Countdown Nov 21st (Katherine Gundling)</p>	<ul style="list-style-type: none"> <li>● One-year of planning</li> <li>● Institute for Global Health Sciences + others worked together to organize this event</li> <li>● Lancet has taken the lead on focusing on the effects of climate on health.</li> <li>● UCSF had opportunity to serve as institution announcing the launch to the U.S</li> <li>● Well over 150 people attended, and there was also an earlier dialogue event for faculty, students and staff with almost 50 attendees</li> <li>● Faculty/staff dialogue: How does UCSF want to approach the future? <ul style="list-style-type: none"> <li>○ How do we want to guide students as emerging leaders? Should we have new specialty for climate health medicine? Have a research center?</li> </ul> </li> <li>● Using the brainstormed suggestions from dialogue, they will be summarized and shared</li> <li>● Students developed climate justice report card, which can be used by medical students to ask institutions what opportunities there are for learning and broach that dialogue on climate</li> </ul>	<p>Katherine Gundling working on event summary, scorecard to share</p>	

	<ul style="list-style-type: none"> <li>○ All students worked on it, but Carly Hampshire, Bennett Kissel and a few others took the lead on it</li> <li>○ Presented beta version at Planetary Health Alliance meeting in September</li> </ul>		
<p>Environmental Health Initiative (Annemarie Charlesworth)</p>	<ul style="list-style-type: none"> <li>● Focus on reproductive health and newborn health <ul style="list-style-type: none"> <li>○ Research, education, and advocacy</li> </ul> </li> <li>● Funding via dpt. OBGYN to build cross-disciplinary network of researchers doing work on environmental health. This launched enviro health initiative several years ago.</li> <li>● NIEHS grant for a new center called the Earth Center <ul style="list-style-type: none"> <li>○ Received favorable score, but waiting for final award</li> <li>○ Hoping to hear soon to start in spring</li> </ul> </li> <li>● Working to integrate enviro health into foundation for medical students all four years <ul style="list-style-type: none"> <li>○ In the last three years, they have integrated into two week Inquiry intensive</li> </ul> </li> <li>● Industry Documents Library <ul style="list-style-type: none"> <li>○ Chemical industry papers and Fossil Fuels papers</li> <li>○ We just got more funding for it</li> </ul> </li> <li>● Questions <ul style="list-style-type: none"> <li>○ Arianne: There are 2 faculty members in SoM submitting innovations funding grants about implementing climate in curriculum. School undergoing huge curriculum revision.</li> <li>○ Annemarie: Team has done work on continuing medical education for enviro health. Thinking of how to make inroads into training with current faculty teaching enviro health. They still need to be trained in order to make deeper engagement with subject matter.</li> </ul> </li> </ul>		
<p>Climate Resilience (Joy Glasier)</p>	<ul style="list-style-type: none"> <li>● Resilience: The ability to prepare for, absorb, recover from, and adapt to chronic stress and acute shocks</li> <li>● Climate resilience: specifically the stresses created by climate issues (social and economic too, such as housing)</li> <li>● SF city and county planning does look at resilience broadly</li> <li>● Risks: Loss of human lives, research specimens, data <ul style="list-style-type: none"> <li>○ Ex. UCB shipped ULTs to UCSF during PG&amp;E power shut down</li> </ul> </li> <li>● Resilient planning looks at strategies to improve resilience and tracks overall progress/performance</li> <li>● Integrate with city system</li> <li>● Recent resilience efforts: <ul style="list-style-type: none"> <li>○ “Resilience Scan” workshop of Parnassus Heights</li> <li>○ “Resilience Garage” workshop on topic of workforce resilience.</li> <li>○ In 2004, UCSF did hazard vulnerability assessment</li> </ul> </li> <li>● Risk management is also looking at vulnerabilities</li> </ul>	<p>Updated from Mark about his resilience committee</p>	

	<ul style="list-style-type: none"> <li>● Next steps: Joy has been working with UCOP colleagues in planning and sustainability to determine potential of UC-wide initiative</li> <li>● Questions <ul style="list-style-type: none"> <li>○ Mark Frieberg: there is a system called UC Ready, are we connected with that?</li> <li>○ Joy: yes</li> <li>○ Gail: How does the health system, campus, and city communicate and support each other on resilience? ex. Emergency drills are implemented separately between campus and health</li> <li>○ Dan Henroid: UCSF Health is very well coordinated with the City</li> <li>○ Brian: Is the work you are talking about, next steps, about climate resilience or still broader than that?</li> <li>○ Joy: I don't know, I'm not the one to set that but it needs to be defined at the onset of planning</li> <li>○ Mark: With regards to Gail's comment on how recent wildfire smoke incidents, health and campus operated very differently. Mark is co-chairing with Mike Anderson to do external review of program in January.</li> </ul> </li> </ul>		
<p>Sustainability project ideas for FY 19-20 (Gail Lee)</p>	<ul style="list-style-type: none"> <li>● In 2018, SVC provided \$150K over next three years. SSC co-chairs determine top projects to fund each year.</li> <li>● Toxics, climate change, culture shift, zero waste → total budget ask is ~\$50,000/yr</li> <li>● Sustainable operations, toxics reduction, water reduction, etc had no-cost projects</li> <li>● FY 19-20 approved budget requests: <ul style="list-style-type: none"> <li>○ Go Box pilot, Smart Bins, update Toxic Matters, PEHSU EnvHealth Toolkit. Total \$31,150</li> </ul> </li> <li>● With rollover money, we will have ~\$70k for FY21</li> <li>● 4 Criteria <ul style="list-style-type: none"> <li>○ Feasibility, economics, environmental impact, how it aligns with our mission of advancing health worldwide</li> </ul> </li> <li>● Ideas will be presented to UACS for approval</li> <li>● Sheila: <ul style="list-style-type: none"> <li>○ We could do a year-in-review recap. People who are new to the organization, or those who have been here, can be aware of what is going on. Everyone can come together as communities and support each other's existing projects. There are many folks in health who want to start but don't know who to approach.</li> <li>○ Recognition of all people and efforts that have gone on during the year should be applauded.</li> <li>○ Are we tapping into all the grant money we possibly</li> </ul> </li> </ul>	<p>Open-call for submission: UACS new project ideas. Ideas will be reviewed by SSC co-chairs.</p>	<p>March 1, 2020</p>

	<ul style="list-style-type: none"> <li>○ could, for different initiatives?</li> <li>○ Are there best practices from other UC campuses?</li> <li>● Gail: <ul style="list-style-type: none"> <li>○ This year's Sustainability Report (FY19) will be 10-year summary of what we have done in the past decade. Publish in January.</li> </ul> </li> </ul>		
<p>50th Anniversary year of Earth Day</p> <p>(Gail Lee)</p>	<ul style="list-style-type: none"> <li>● There are already many events scheduled, hosted by lots of offices <ul style="list-style-type: none"> <li>○ Bottle fillers installation funded by OP's wellness program to include bottle fillers</li> <li>○ CNI fellow engagement</li> <li>○ Sustainability awards ceremony</li> <li>○ Maker's lab</li> <li>○ Climate strike</li> <li>○ Science day April 20th</li> <li>○ Tree planting with FUF in Feb/March <ul style="list-style-type: none"> <li>■ UCSF t-shirts for volunteers to inc visibility</li> </ul> </li> <li>○ State of the University address</li> <li>○ Climate &amp; Health Symposium</li> </ul> </li> </ul>		
<p>Carbon offsets task force</p> <p>(Gail Lee)</p>	<ul style="list-style-type: none"> <li>● Won Ha, Joy Glasier, Amit Kothari, Gail Lee, Anna Levitt, Denis Nepvau, Tom Newman, Starley Shade, John Rosendo</li> <li>● Meets quarterly through 2020 and into 2021</li> <li>● Target - get back to 1990 levels in 2020. We expect that we will not meet this target. Therefore, we need offsets.</li> <li>● How do we buy the offsets? What kind of offsets?</li> <li>● Align this with UC to see if UC system itself will create an internal carbon offset that is 3rd party certified</li> <li>● Questions <ul style="list-style-type: none"> <li>○ Brian: In 10-year plan, is there a placeholder budget amount for offsets? <ul style="list-style-type: none"> <li>■ Theresa: We should have additional conversation about goals, offsets, and planning. We should engage chancellor's executive team and cabinet in long-term planning. Mike Clune is aware</li> <li>■ Gail: Denis Nepveu in budget office will assist on ensuring adequate funding</li> </ul> </li> </ul> </li> </ul>		
<p>Last Words (Sheila Antrum and Brian Newman)</p>	<ul style="list-style-type: none"> <li>● Brian: this was a great meeting, the most interdepartmental one I'm part of. Also a blend of faculty, staff and students.</li> <li>● Brian: other than listening and learning, what can we do with Terry and the Chancellor to advance the committee? <ul style="list-style-type: none"> <li>○ It would be helpful to know how they can help progress these goals at a higher level</li> </ul> </li> <li>● Sheila: What is the true north and how do we use that in our design as something to follow? <ul style="list-style-type: none"> <li>○ Many other hospitals also calling upon us to help</li> </ul> </li> </ul>		

	<ul style="list-style-type: none"><li>○ them</li><li>○ Marin Health went out for 15 minutes without generator backup</li><li>○ The lack of productivity and stress of waiting for power to go out also affects us</li><li>● Sheila: What happens when we face increasing number and severity of disasters?</li><li>● Katherine: Topic for symposium, "Health lessons learned from recent climate events"<ul style="list-style-type: none"><li>○ Toxic exposures from paradise, mold growth, flooding, power failure</li></ul></li><li>● Sheila: What makes people underestimate the severity of disasters? It's a new world of how to respond. We haven't experienced these things before.</li><li>● Katherine: Robin Cooper and her are putting on mini medical school on how climate affects you and your family's health. More info to come</li></ul>		
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