

## UCSF Advisory Committee on Sustainability (UACS)

### Meeting Minutes

June 16, 2020, 2-3:30pm

**Present:** Sheila Antrum, Gail Lee, Wylie Liu, Seema Gandhi, Dan Henroid, Kevin Beauchamp, Bruce Lanyon, Marya Zlatnik, Sapna Thottatil, Katherine Gundling, Annemarie Charlesworth, Brian Newman, Dorie Apolonio, Lisa Cisneros, Naomi Beyeler, Chelsea Landolin, Anirvan Chatterjee, Rowena Eng, Lauren Ng, Eden Harris

Agenda	Notes	Follow-up Items (Who and When)
Climate and Health Center – Sheri Weiser	<ul style="list-style-type: none"> <li>● Not currently funded</li> <li>● Meeting with Dan Lowenstein to try to get funding next week</li> <li>● Transdisciplinary community for intersectional climate health solutions</li> <li>● Research: fill evidence gaps in climate/health pathways, break down research silos</li> <li>● Education: enhance training for health professionals and the public on climate-health links</li> <li>● Climate and Health Center               <ul style="list-style-type: none"> <li>○ Host workshop for faculty to become ambassadors</li> <li>○ Climate health curriculum across all 4 years and share material with other professionals schools</li> <li>○ Mini medical schools for public - led by Katherine Gundling and Robin Cooper</li> <li>○ Provide climate health actions for practicing physicians in the region</li> </ul> </li> <li>● Health system sustainability               <ul style="list-style-type: none"> <li>○ Reducing institutional/ patient care carbon footprint</li> <li>○ Improve readiness for local climate disasters</li> <li>○ Hoping to create toolbox for assessment tools for climate health disorders</li> <li>○ Patient care and clinician teaching materials</li> </ul> </li> <li>● Policy               <ul style="list-style-type: none"> <li>○ Translate evidence to environmental policy                   <ul style="list-style-type: none"> <li>■ Evidence-to-policy hub</li> <li>■ Defining strategic policy research priorities</li> </ul> </li> <li>○ Advocacy local, national level</li> </ul> </li> <li>● Opportunities for COVID-climate link in these four aspects</li> </ul>	
EaRTH Center – Annemarie Charlesworth	<ul style="list-style-type: none"> <li>● Tracy Woodruff (PI) - expert on environmental health research, focus on children’s health, chemical policy</li> <li>● Recognize and prevent environmental exposures that affect reproduction and development to improve human lifespan</li> <li>● 4 primary directions               <ul style="list-style-type: none"> <li>○ Create new research opportunities for env. Health at UCSF</li> <li>○ Transdisciplinary collaboration across network of researchers and clinicians to facilitate</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>○ research between environment and disease <ul style="list-style-type: none"> <li>○ Mentor and grow next generation of research and clinical leaders</li> <li>○ Embed environmental health literacy within healthcare</li> </ul> </li> <li>● Stakeholder Advisory Board - informs the direction of the program. EaRTH Center's research will go back to them with translational components</li> <li>● Administrative <ul style="list-style-type: none"> <li>○ Tracey Woodruff, Diana Laird, DeLain Larsen</li> <li>○ Pilot project: directed by Diana Laird; provides seed funding</li> <li>○ Integrate Health Sciences: biostatistics, informatics, epidemiology. Translating research to diff. audiences</li> <li>○ Bioassay Facility Core: insights on chemical exposure and pathways of effects, mass spec, high throughput screening,</li> <li>○ Community engagement core: targeting graduate level and practicing health professionals (Director: Annemarie) <ul style="list-style-type: none"> <li>■ Engaging vulnerable communities</li> <li>■ Preventing disease, improving public health</li> </ul> </li> </ul> </li> <li>● Aim 1: Integrate environmental health into BRIDGES curriculum</li> <li>● Aim 2: Support in-depth training in environmental medicine <ul style="list-style-type: none"> <li>○ Enviro Scholars Program: 3-year program, 2 students/year, summer internship in community clinic/health org, \$10K stipend, mentor research</li> </ul> </li> <li>● Aim 3: Advance the field of environmental health literacy, communication, and healthcare professional engagement</li> <li>● Clinical tools for health professionals, like Toxic Matters and Pediatric Environmental Health Toolkit</li> <li>● Engaging health prof. Orgs. <ul style="list-style-type: none"> <li>○ American College of OBGYN</li> </ul> </li> <li>● Pilot Project Awards <ul style="list-style-type: none"> <li>○ Research Pilot Award <ul style="list-style-type: none"> <li>■ 2 awards up to \$50K</li> </ul> </li> <li>○ Mentored Scientist Award <ul style="list-style-type: none"> <li>■ New project on environmental health</li> <li>■ 1 award up to \$15K</li> </ul> </li> <li>○ Mentored Clinician Award <ul style="list-style-type: none"> <li>■ Translational, epidemiological, or educational project</li> <li>■ 1 award up to \$15K</li> </ul> </li> </ul> </li> <li>● Annual Earth Center research forum to present work on environmental health, catalyze communication between groups and identify new opportunities for collaboration between members</li> <li>● Members largely School of Medicine, Nursing, OBGYN &amp; Repro Sciences</li> </ul>	
<p>Caring Wisely, CCSF grant, CNI Funding – Seema Gandhi</p>	<ul style="list-style-type: none"> <li>● Reduce medical surplus in ORs and ICUs</li> <li>● ORs generate 20-33% of hospital waste</li> <li>● In terms of lbs of waste/patient day, UCSF is generating almost 2x the median, according to benchmark report from Practice Greenhealth that compares us to other hospitals</li> <li>● We are seeing successes and progress in reprocessing and recycling, but we should instead be</li> </ul>	

	<p>prioritizing “Rethink - Refuse - Reduce”</p> <ul style="list-style-type: none"> <li>○ Example: Anesthesia circuits are changed in London once per week. In U.S, we change it after every case.</li> <li>● Refuse: do we need all the single-use devices we currently buy? <ul style="list-style-type: none"> <li>○ Ex: bearpaw gowns</li> </ul> </li> <li>● Audited 86 cases worth of waste</li> <li>● Conducted landfill waste audits on 17 arthroplasty cases <ul style="list-style-type: none"> <li>○ Mostly textiles, blue paper</li> <li>○ Caring Wisely project will focus on “Overage”, which is 4% of the waste</li> </ul> </li> <li>● Savings projection <ul style="list-style-type: none"> <li>○ Estimated \$1,000 per case</li> </ul> </li> <li>● Strategies <ul style="list-style-type: none"> <li>○ Surgical waste audits on supply surplus</li> <li>○ ICU supply surplus collection and itemization</li> <li>○ Feedback tool development</li> <li>○ Price transparency</li> <li>○ Waste generation and progress dashboard</li> <li>○ Par-level inventory adjustment</li> </ul> </li> <li>● Working with Tony Davoren to study if price transparency affects how we use items</li> <li>● Set total waste we want to decrease in dashboard of sustainability goals</li> <li>● Sheila wants to explore how to incorporate this into staff culture, performance evaluations. <ul style="list-style-type: none"> <li>○ Seema is working towards having everyone with a UCSF ID get a sustainability training, similar to how sexual harassment and IT security trainings are mandatory</li> <li>○ Seema is working with Gail and Kaiyi to create a training module in the UC Learning Center, or an orientation focused on sustainability</li> </ul> </li> <li>● Another idea is to add sustainability metrics to dashboard shown at the Health managers monthly meeting</li> <li>● Brian encourages us to focus on celebrating successes instead of shaming people</li> </ul>	
<p>Charter and FY20-22 Appointment Cycle – Gail Lee</p>	<ul style="list-style-type: none"> <li>● Keep in mind the university’s impact on the environment</li> <li>● Carbon Neutrality goal by 2025</li> <li>● Budgeting, planning, environmental literacy, life cycle analysis, reducing toxics, promoting sustainability amongst depts</li> <li>● Brian Newman: what about the groups we’re leaving out? Can we send out communications via newsletter?</li> <li>● Wylie emphasized the importance of in-person meetings. In the past Gail presented to Family Community Medicine and now they have an internal sustainability team to take action within their department</li> <li>● Brian would like to see representation from Facilities because they are such an integral component to UCSF operations. <ul style="list-style-type: none"> <li>○ Paul Landry represents Campus Facilities</li> </ul> </li> </ul>	<p>Sheila will ask Bruce for representation from UCSFH Facilities</p>