

## CSC Winter Meeting Minutes

Wednesday, February 28 · 9:00 – 10:30am

Location: sa-room-Building434-Room121

**Attendance:** Katie Maynard, Bella, Matt O'Carroll, Renee Bahl, Jewel Persad, Ken Hiltner, Julie Hendrick, Melody Jue, Isabella Ponce, Adam Jahnke

### Open Forum/Introductions:

No public forum comments

### Announcements:

Interactive Learning Pavilion won for the "US Building of the Year" Award

**Approve Meeting [Min. from Jan](#):** Approved

### Updates:

Decarb Study Update

- Town hall this Friday at 11AM
  - During the town hall three potential directions and pros and cons of each option will be discussed
  - This is the second of three town halls, the last town hall will be held after a draft plan is complete
- Michael Mann had two speaking events that this committee sponsored.

Sustainability Director Update

- College Corps decided not to accept any new campuses this year. The Legislative Analyst Office recommended cutting \$73 million from the program (from existing campuses) in 2024-2025 and 2025-2026.
- Why do we think the cut is being recommended?
  - Because of budget issues (16 Billion across the State). Environment had the longest list of cuts
  - All of the UCs aren't getting the promised 5% increase this year
- Sustainability is taking on new students through the Learning Aligned Employment Program, which was envisioned as part of President Drake's debt free college goal to provide more employment opportunities to students.
  - Pays for 100% of wages with 10% administrative fees covered by the department.
  - Sustainability is going to be a pilot department

- Applications closed for the Financial and Personnel Assistant for Campus Sustainability Interviews next week.

#### STARS Report Submitted

- Course and research list went out to all of the department chairs.
- Got a lot of feedback about new courses.

#### Make Climate a Class Update

- Sent to grad post
- Sending out to Faculty Chairs and asking them to send it to their faculty

#### **Presentation and Discussion (9:25 - 10:25):**

#### [Landscape Regions and Water Management](#) - Matt O'Carroll

- Overview of Campus Landscape
  - Pop quiz on trees
  - Agricultural windrows of E. globulus established 1917-1920
  - Naval air base left most windrows in place
  - UCSB established in 1944 (3rd campus)
  - Chancellor Vernon Cheadle (1962 - 1977)
    - World-renowned botanist
    - Made his mission to turn the campus into a garden
    - hired a greenhouse manager (John Bleck) and brought all of these plants to the campus
  - 1,000 acres maintained
  - Over 10,000 maintained trees
    - Maintain in Davey Tree Keeper
      - Report to coastal commission all of our trees
      - Track removal and replacement trees
- Need to do a better job of telling the story around the plant diversity on our campus.
  - Outreach ideas
    - Freshman orientation - how could we add this information
    - Open House
    - Campus Tours
      - Ask the Greenhouse Manager, Cameron to lead a tour for a tour guide
      - Join Ken's class
      - Navigation Game opportunity
- UCSB Landscape Concepts
  - Long Range Development Plan
  - Coastal Commission requirements
    - ESHA requirements for tree replacement
- Landscape committee
  - Founded in 1990
  - Faculty, staff, students, consulting arborists, nursery owners, landscape

- architects
  - Developed and maintain UCSB's Landscaping Plan
  - Campus is broken out by campus geographic zones
  - When plants are added, they are added based on the zone
  - This is prioritized for the main part of campus, as you go out it focuses more on natives.
  - Tree Corridors throughout campus
  - Consulted for every tree removal/ replacement and building projects
  - Advises the Design Review Committee related to landscape surrounding new construction
- Recycled Water
  - Treated Wastewater
  - Needs to be distributed in a separate pipe (separate system)
  - UCSB has been an early partner
  - Recycled water has significantly reduced potable water
  - 90% of irrigation is with Recycled water
    - Remaining landscape either has sensitive species or are pockets that aren't cost effective to extend piping
  - Isn't much demand for recycled water, we are the biggest user
  - Recycled water is a lot cheaper
  - BIOII
    - Utilizing water in cooling tower as makeup water (takes waste heat from HVAC), uses water to cool waste heat, over time it evaporates (cycles of concentration)
    - Challenge - not much of a demand put on GWD permitting wide
    - Recycled water is high in salinity and would need to run it through a softener
  - Some Zones don't do well with recycled water
  - Salinity Buildup in soils has been a long term concern for the campus
    - Worked with Jennifer King to collect samples and found that areas irrigated with recycled water do have more buildup of salts but GWD is well within the accepted levels.
      - Heavy Rains help to flush soils out
      - See tips or ends of leaves burn when salinity is high
- Future of Recycled water?
  - Indirect or direct potable reuse
  - It makes sense but public perspective is the barrier
  - Goleta Water District received funding for looking into indirect or direct potable water use.
    - Cost of water would go up and might render our recycled water

infrastructure obsolete.

- Slowly changing our landscape if this shift happens, also happening with changing climate
- How difficult would it be to change our landscape to more California landscapes?
  - Messaging component since it will change the look
  - Also want to maintain the spaces we have
  - Landscape committee will try to preserve tree canopies
  - We can still form geographic areas because all experience drought.

### **Goal Setting next steps - tabled for next time**

#### **UCOP Sustainability Office (Spring Quarter)**

- Will be visiting in Spring, are there particular areas we would like to discuss with Matt StClair when he comes and visits.
  - How budget cuts are affecting his office and how they are rolling down to campuses
  - Hear how other campuses are doing on their decarbonization plan

**Other Updates (10:25 - 10:30):**