Agenda

1. Welcome, Introductions and Agenda Overview
2. Public Comment (Items not on the agenda)
3. CAG Questions and Concerns
4. UCSF’s Commitment to Sustainability
5. UCSF Mission Bay Update
6. Campus Updates
   • Mission Bay
   • San Francisco General Hospital
   • Parnassus (including Mount Sutro)
   • Mount Zion
   • Workforce Development
6. Public Comment (Items on the agenda)
7. Next Steps and Adjourn
Public Comment

- Regarding items not on the agenda
- Three minutes per speaker
- If item runs over 15 minutes, to be continued at the end of the agenda
CAG Questions and Concerns

Regarding items not on the agenda
Overview of UCSF’s Sustainability Program

- UCSF’s Sustainability Structure across all workgroups
- UC President’s Global Climate Leadership Council
- Academic Senate Committee on Sustainability
- UCSF Advisory Committee on Sustainability
- Sustainability Steering Committee and 10 work groups
- Climate Change workgroup
- Culture Shift workgroup
- Green Building workgroup
Global Climate Leadership Council Update: Six Pillars of Activity

- Student Engagement
- Faculty Engagement and Education
- Research
- Climate Action Planning and Staff Engagement
- Policy
- Communication
Student Engagement Pillar

Global Food Initiative:
- Food Insecurity and food pantry
- App for physical activity and food calories

Climate Change Initiative:
- Anesthesia Gases
Faculty Engagement and Education Pillar

- Faculty Climate Action Champion for FY15-16 – funded year-long fellowship to a faculty member to engage students and provide campus-wide leadership, small grants $25k + $5k
- Faculty Curriculum Workshop and Networking Events – series to connect faculty to include climate change in curriculum - $35k
- Climate Education Gateway – to assess/increase sustainability literacy with an online portal
Climate Action Planning and Staff Engagement Pillar

- Carbon Reduction Pledge Campaign – calculator and challenge portal where participants track their progress and compete against other UC campuses - $50K
- Carbon Neutrality Planning Charettes – visioning session with UCSF community- $50K
- Data visualization and Dynamic Presentation Tools – professional services to develop visualization, infographics, and presentation materials to support engagement efforts across the pillars - $95K
Research and Policy Pillars

Research - Workshop attendance

- Torsten Wittman, PhD
  - Associate Professor, Cell and Tissue Biology, School of Dentistry
  - Vice Chair, Academic Senate Committee on Sustainability

- James Hand, Energy Engineer

Policy participation

- Support of Green Labs Certification program
Sustainability Steering Committee
10 Workgroups

- Zero Waste
- Sustainable Operations
- Sustainable Food
- Climate Change
- Water Conservation
- Green Procurement
- Culture Shift
- Grants
- Toxics Reduction
- Green Building
Climate Change Work Group Reporting
Activities

- CARB Reporting
- TCR Reporting
- UCOP
  - Climate Action Plan
  - Sustainability Action Plan
  - Water Action Plan
- LRDP - Greenhouse Gas Reduction Strategy
Figure 1: UCSF GHG Emissions Timeline

- **UCSF Emissions (Scopes 1,2,3)**
- **Impact of Tier 1 GHG Reduction Measures**
- **Reductions from Tier 2 Measures to meet 2020 Target**
- **Additional Reductions from Tier 2 Measures to meet 2035 Target**

- **AB32 Horizon**
- **LRDP Horizon**

Metric Tons CO2e

- 175,000
- 150,000
- 125,000
- 100,000
- 75,000
- 50,000
- 25,000

Years:

- 1990
- 2000
- 2010
- 2020
- 2030
- 2035
- 2040
- 2050
Energy and Water Reductions

- Facilities - infrastructure
- Campus Life Services - Housing and Fitness
- Building occupants control 40% of energy load
- Building occupants control much water usage
- Lighting due to researchers working late, safety
- Most efficient lighting, bi-level in parking lots
- Plan to convert lighting to motion-detectors
- 16 MW PV - 2 buildings already installed, 23 planned
- Biogas
“Being green protects our children’s health.”

Sam Hawgood, MBBS
Chancellor, University of California, San Francisco

“Implementing sustainable practices safeguards the health of the next generation. Join me in the Race to Certification and move the School of Medicine to the forefront of sustainability.”

Join the Race to Certification. It’s a fun and easy way to support UCSF’s commitment to sustainability.

“Healthy people need a healthy planet.”

Mark Laret
CEO, Medical Center

“That is why the Medical Center is committed to sustainability. We are proud to be one of the 50 greenest hospitals in America, but I know we can do more.”

Join the Race to Certification. It’s a fun and easy way to support UCSF’s commitment to sustainability.
Do you report water leaks?

Having water leaks reported earns your workplace 4 points!

Get your free “Report Water Leaks” stickers from LivingGreen@ucsf.edu

We’re in a water crisis.

Join the water saving efforts and reduce your water usage by 20%.

Save gallons today by following these simple steps:

1. Limit your showers to 5-minutes or less.
   - Save 1,000 gallons/month

2. Report water leaks to the facilities management.
   - Save 100 gallons/day

3. Use the dishwasher rather than hand washing dishes.
   - Save 10 gallons/day

4. Turn the water off while brushing your teeth.
   - Save 4 gallons/day

The University of California SF Water Conservation Strategy

The state of California has declared a state of emergency due to extreme drought conditions which necessitates that we take every precaution to avoid the wasting of water.
Employee Benefits

UCSF Employee Solar Discount

SunShares is a group procurement program offering a limited-time discount on solar for your home to UCSF employees, retirees, friends, family and neighbors.

To sign up for a solar evaluation, visit: www.mygroupenergy.com/sfsunshares

PROGRAM DETAILS:
- Open to ALL employees, and qualifies individuals for Nissan Employee Pricing
- Employees are eligible for up to $1,000 under Dealer invoice and may be eligible for up to $7,500 in federal tax incentive.
- Discount is applicable to purchase or lease of the Nissan LEAF
- Contact your local Nissan Dealer to find out if they participate in VPP
Medical Center Accomplishments

- Top 25 Environmental Excellence Award - 2015
- Circles of Excellence Award for Leadership, Green Building, Climate
- Partner for Change with Distinction Award 2011-14 Medshare – med supply donations
Zero Waste Work Group

Campus and Medical Center Solid Waste Trends

Campus
64% diversion

Medical Center
48% diversion
Sustainable Food Accomplishments

- Estancia 100% grass fed and finished
- Liquid cage-free eggs conversion
- Elimination of meat products with non-therapeutic antibiotics
  - UCSF led national discussion and coalition of CA hospitals
  - UCSFMC converted all ground beef products to a “never ever” for all patients and customers in February 2014.
Summary

- UCSF is leading in many areas of sustainability
- UCSF Medical Center is a leader in healthcare sustainability
- Education/outreach to link health with climate change
- Campus as living laboratory to align university research with practice
- Working with UCOP to use research enterprise to reach carbon neutrality
University of California, San Francisco

has been awarded a Gold medal in the

2014 BWC Race to Excellence

by the National Center for Transit Research at the University of South Florida
Each year University’s throughout the nation seek to be recognized for offering outstanding commuter benefits and alternatives.

Employers that meet the National Standard of Excellence in commuter benefits—a standard created by the National Center for Transit Research (NCTR) and the U.S. Environmental Protection Agency (EPA)—can get on the list of Best Workplaces for Commuters.

In 2014, our UCSF’s commuter programs were featured during the Best Workplaces for Commuters award ceremony. We were asked provide a presentation on what we do at UCSF in an effort to inspire other universities to excel at their commuter programs.
1. Augsburg College (Minneapolis, MN)
2. Boise State University (Boise, ID)
3. Cal Poly State University – San Luis Obispo (CA)
4. California State University, Northridge (Northridge, CA)
5. Champlain College (Burlington, VT)
6. Duke University (Durham, NC)
7. Everest University (Lakeland, FL)
8. George Mason University (Fairfax, VA)
9. Grand Valley State University (Allendale, MI)
10. Harvard University (Cambridge, MA)
11. North Carolina State University (Raleigh, NC)
12. Northland College (Ashland, WI)
13. Oregon State University (Corvallis, OR)
14. Polk State College (Winter Haven and Lakeland, FL)
15. Stanford University (Stanford, CA)
16. The University of North Carolina at Greensboro (Greensboro, NC)
17. University of California (Santa Cruz, CA)
18. University of California, Davis (Davis, CA)
19. University of California, Irvine (Irvine, CA)
20. University of California, Los Angeles (Los Angeles, CA)
21. University of California, San Francisco, CA
22. University of Denver (Denver, CO)
23. University of Florida (Gainesville, FL)
24. University of Maryland (Baltimore, MD)
25. University of Michigan Parking and Transportation Services (Ann Arbor, MI)
26. University of North Carolina Chapel Hill Department of Public Safety (Chapel Hill, NC)
27. University of Pennsylvania (Philadelphia, PA)
28. University of South Florida (Tampa, FL)
29. University of South Florida in Lakeland (Lakeland, FL)
30. University of Texas at Austin (Austin, TX)
31. University of Texas Medical Branch (Galveston, TX)
32. University of Vermont (Burlington, VT)
33. University of Washington (Seattle, WA)
34. University of Wisconsin-Milwaukee
35. (Milwaukee, WI) Virginia International University (Fairfax County, VA) West Virginia University (Morgantown, WV)
36. Yale University (New Haven, CT)
UCSF Transportation Sustainability 2014/2015 supports LRDP, EIRs, Climate Action Plan, SF Transit-First Policy, and UCSF employee satisfaction & retention efforts

Shuttles
- Transports 2.5 million passengers per year
- Eliminates 2,706 daily car trips citywide.

Bicycling
- 1,189 bike parking spaces currently available.
- Bike Fix-It Stations
- UCSF will participate in the City’s bike share program

Fuel Efficient Vehicles
- 29 EV charging stations
- UCSF fleet includes 46 (of 234) low emitting alternative fuel and hybrid vehicles
- Preferred parking for fuel-efficient vehicles.

City CarShare
- 18 City CarShare vehicles, 1,300+ UCSF City CarShare members & 190+ Departmental members.
UCSF Transportation Sustainability 2014/2015 supports LRDP, EIRs, Climate Action Plan, SF Transit-First Policy, and UCSF employee satisfaction & retention efforts

**Pretax Programs**
- UCSF employees saved over $1M annually on public transit commute costs

**Vanpool**
- 31 vanpools travel as far as Sacramento.
- Partnering with V-Ride to expand vanpool participation.

**Online Carpool Matching**
- 800+ active UCSF ride matching program participants.

**Carpools**
- 70+ Reserved carpool stalls

**Emergency Ride Home Program**
- $50 reimbursement for emergency transportation home for employees who participate in a UCSF alternative transportation program.
### UCSF 2014 Commute Survey Analysis

<table>
<thead>
<tr>
<th>Survey Year</th>
<th>Single Occupant Vehicles</th>
<th>Motorcycles</th>
<th>Multi-Occupant Vehicles (carnpools)</th>
<th>Vanpool</th>
<th>Other TDM</th>
<th>Walk/Bike</th>
<th>Campus Shuttles</th>
<th>Transit Bus</th>
<th>Telecommute</th>
<th>Totals</th>
<th>Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014 Campus and Students</td>
<td>30.5%</td>
<td>0.8%</td>
<td>7.5%</td>
<td>1.7%</td>
<td>0.9%</td>
<td>15.7%</td>
<td>12.7%</td>
<td>29.5%</td>
<td>0.8%</td>
<td>100%</td>
<td>3606</td>
</tr>
<tr>
<td>2014 Medical Center</td>
<td>41.2%</td>
<td>1.1%</td>
<td>11.0%</td>
<td>2.8%</td>
<td>1.2%</td>
<td>9.1%</td>
<td>7.2%</td>
<td>26.0%</td>
<td>0.4%</td>
<td>100%</td>
<td>1891</td>
</tr>
<tr>
<td>2014 Commute Survey All</td>
<td>34.1%</td>
<td>0.9%</td>
<td>8.7%</td>
<td>2.1%</td>
<td>1.0%</td>
<td>13.4%</td>
<td>10.8%</td>
<td>28.3%</td>
<td>0.7%</td>
<td>100%</td>
<td>5497</td>
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</tbody>
</table>

**Generate 74% of all UCSF commuter emissions**
Alternative Fuel Shuttle Technology

- Typical shuttle 5-7 year lifecycle

- Recommendations
  - Continue to maintain current fleet
  - Monitor new shuttle technology as it becomes available

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>GHG Reduction (metric tons)</th>
<th>Years to Recoup Costs Compared to Diesel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressed Natural Gas</td>
<td>471</td>
<td>21</td>
</tr>
<tr>
<td>Hybrid Electric</td>
<td>354</td>
<td>27</td>
</tr>
</tbody>
</table>
Sponsoring Community Events

UCSF Dental Screenings – out in the community

- Bayview Sunday Streets - April 12, 2015
  - 3rd Street in partnership with Bayview Opera House
    - 44 children and several adults
- Cesar Chavez Festival - April 18, 2015
  - Hispanic Student Dental Assn & California Public Health Assn
    - 54 children and 27 adults
Young Community Developers

Graduation Ceremony – June 24, 2015

- 14 Graduates earned Environmental Protection Agency certifications in Lead, Asbestos, Abatement, Osha 10 and Confined Space.
  - Graduates get exposure to the building construction trades and jobs at Hunters Point Shipyard and Candlestick.
Mission Bay

Medical Center Community Meeting – April 13, 2015

- Welcomed 25 neighbors to the meeting
- Provided overview of hospital and operations including:
  - The need for children’s hospitals, patient experience and the move from Parnassus
- Patient transports – helipad & ambulance
- Neighbor complaints
  - Parking, smoking, loitering
- Neighbor compliments
Inter-facility* Transports to Date

-- Helicopter and Ground Transports

- Helicopter Transports to Mission Bay: 88
  - 11 pm – 7 am: 16
- Ground Transports: 215

* Inter-facility - transfers from other hospitals for specialty care at UCSF
Three Categories of Ambulance Transports:

- Transfers from other hospitals for specialty care at UCSF (*inter-facility*)
- Transfers between the two UCSF Emergency Departments (*ED-to-ED*)
- San Francisco 911 ambulance service (*911*)
## Ambulance Transport Figures to Date

<table>
<thead>
<tr>
<th>To date Feb-Apr-Mar</th>
<th>Ambulance runs total</th>
<th>Code-3 all hours</th>
<th>Code-3 11 pm - 7 am</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inter-facility</td>
<td>215</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>911</td>
<td>232</td>
<td>24</td>
<td>3</td>
</tr>
<tr>
<td>ED-to-ED</td>
<td>203</td>
<td>24</td>
<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>650</td>
<td>49</td>
<td>5</td>
</tr>
</tbody>
</table>

- 215 - Inter-facility
- 232 - 911 Transports
- 203 - ED to ED

![Pie charts showing ambulance transport figures](chart.png)
UCSF Research Building

San Francisco General Hospital
UCSF Research Building at SFGH

Purpose and Proposed Timeline

- Comply with UC seismic requirements
- Allow for the continuation of research at SFGH which is a critical component of delivering care

Schedule overview

- June 2015 - Introduce to the Board of Supervisors
- August 2015 – Initial Study begins Environmental Review
- June 2017 – Begin construction
- July 2019 – Complete construction
SFGH Community Outreach

Connecting with neighbors and organizations to share information and get feedback on the research building

- At Sunrise Restaurant on 24th Street

  - Sponsored breakfast meeting with 15 community based organizations, 19 community partners & 5 physician researchers
Upcoming Health Fair at SFGH

Sponsored by the SF Department of Public Health

- **June 12, 2015 – Summer Fest Health Fair**
  - 11:00 am–2:00 pm SFGH Cafeteria
    - Event will host 25 booths
    - Blood pressure, glucose cholesterol screenings
      - UCSF School of Nursing
      - UCSF School of Medicine
Parnassus Construction Projects
Community Meeting on April 28
Parnassus: Laboratory of Radiobiology
Parnassus: Laboratory of Radiobiology
Construction Sequence – 9 Months

Construction Schedule

- Construction crew mobilized on site June 2 – 1 month
- Abatement and partial demolition – 3 months
- Construction – 5 months
Parnassus Construction Truck Routes

ONE WAY ONLY TO 7TH AVE South Bound. WESTBOUND Lincoln Way TURN FROM North Bound 6TH AVE.

LINES REPRESENT TWO WAY TRAFFIC. Unless Otherwise Noted.
Supplemental Street Clean-up

- **Contractor Street Sweeping**
  - Sweep Parnassus Ave between 7th and Hospital Driveway
  - Sweep 7th Ave between Judah and Kirkham on an as-needed basis
  - Sweep Kirkham/ Koret Way between 7th and Saunders Court
Mount Sutro

Clarendon Connector Trail project to begin soon—trail restoration to connect Clarendon Avenue to the trail system.
Mount Zion

San Francisco Department of Public Works will repave Divisadero Street starting this week. Access to the hospital patient drop-off will remain available during the most of the work.

PROJECT UPDATE

PAVING WORK COMING TO DIVISADERO ST.

Project Update

San Francisco Public Works is scheduled to repave several blocks along Divisadero Street. The work was originally scheduled for early April but had to be postponed in part because of rain. We have rescheduled the remaining work for the following days:

Divisadero Street from Geary Blvd. to Sutter St.

Thursday, June 4, 2015 and Friday, June 5, 2015 – The contractor will use heavy machinery and jack-hammers to grind and remove the asphalt from Divisadero Street between Geary Blvd. & Sutter Streets.

Saturday, June 6, 2015 - The contractor will repave Divisadero Street between Geary Blvd. and Sutter Street.

Impacts and Restrictions

Street parking will not be possible near work zone. Please see the posted barricade signs for exact work hours, days, and locations, because they may vary depending on the construction task. Crews may need to post additional parking restrictions on side streets near intersections in order to complete the work.

Vehicles parked in the construction zone during the posted work hours will be towed at the vehicle owner’s expense.

Sidewalk access will be maintained at all
Workforce Development Update

EXCEL Program

- **Cycle 8**
  - 16 participants graduated in May 2015
  - 10 placed into positions immediately after completing internships
    - 4 career positions/6 long-term temporary positions

- **Cycle 9**
  - More than 140 applications to the program
  - 20 participants started training on May 4, 2015
    - 11 from Bayview Hunter’s Point/Visitacion Valley
Workforce Development Update

Local Construction Hiring

- Clinical Sciences Building Phase I – Hazardous Abatement
  - Local hiring goal 30%
  - November 2014 – April 2015 – 19%
  - 13 SF residents performed 2,784 of 14,655 construction hours
  - Phase II – CSB interior demolition – beginning June 2015
Workforce Development Update

CSB Phase I

CSB Retrofit & Renovation

UC Hall Retrofit & Renovation
Skin Cancer Screening at SFGH

- May 4, 2015 - UCSF Department of Dermatology screened over 150 patients
- 14 likely skin cancers identified – 11 malignant melanomas
Public Comment

Three minutes per speaker
Next Steps