

RESEARCH ADVISORY BOARD (RAB)
September 10, 2019 8:30-10:00 a.m.
Medical Sciences Building: Conference Room S-30 &
Zoom: 1-669-900-6833 | Meeting ID: 914 749 821 | <https://ucsf.zoom.us/j/914749821>

AGENDA

Topic	Presenter	Time
1. Clinical and Translational Science Institute (CTSI) Grant Renewal	Hal Collard, MD Associate Vice Chancellor of Clinical Research Director, Clinical and Translational Science Institute	8:30 – 8:50 a.m.
2. Chase Center Opening and Impact on Mission Bay Site	Arleen Bandarrae Transportation Specialist UCSF Transportation Services	8:50 – 9:20 a.m.
3. Agenda Survey	All	9:20 – 9:30 a.m.
4. Roundtable Discussion	All	Remainder of meeting

2019 Meetings: 2nd Tuesday of each month

- September 10
- October 8
- November 12
- December 10

RESEARCH ADVISORY BOARD (RAB)

September 10, 2019 8:30-10:00 a.m. Medical Sciences Building: Conference Room S-30 & Zoom
Notes

Attending: Hal Collard, Lindsey Criswell, Jane Czech, John Ellis*, David Erle, Clarice Estrada*, MC Gaisbauer*, Julene Johnson*, Gretchen Kiser*, Georgina Lopez*, Irene McGlynn*, Teresa Moeller, Suzanne Murphy, Michael Nordberg, Christine Razler*, Jon Rueter, Brian Smith, James Sorensen, Matt Springer, Paul Volberding*, Winona Ward*; Irene Broderick

1. Clinical and Translational Science Institute (CTSI) Grant Renewal**

Hal Collard, MD

The CTSI's mission consists of three pillars: to provide clinical research **infrastructure** to UCSF, to develop new **tools and resources** for clinical researchers at UCSF, and to **educate** UCSF students, faculty, and staff in clinical research.

While CTSI programs and services comprise the following:

- **Pilot grants**
- **Research space and technical support**
- **Informatics**
- **Workforce development**
- Community engagement
- Consultation services
- Team science and collaboration
- Special populations research
- Clinical trial support
- Implementation science and health policy

Of the above, pilot grants, research space & technical support, informatics, and workforce development are the most impactful. Specific examples of these program's impact:

- **Pilot Grants:** This is the starter program managed through the Research Allocation and Catalyst Programs. Focus is on accelerating promising technology into use.
- **Clinical Research Space and Technical Support:** Through this program, CTSI provides technical support for procedures, etc.
- **Clinical Research Informatics:** This is a growth area exhibiting particular demand (big data). CTSI is focusing efforts on a process of delivering data from the electronic health record (EHR). There are over 30 EHS-enabled projects at this time.
- **Workforce Development:** K-Scholars; impacts the campus wide community and is remarkably successful. Other CTSA's are paying much attention to UCSF's model.

CTSI Renewal

- This renewal process is a group effort and is currently at mid-point in the process; there is much outreach across the campus. The CTSI renewal vision is for the CTSI to Be the World's Preeminent Health Sciences Innovator in Clinical Research. The renewal is based on four foundational pillars:
 - Ensure Excellence in Clinical Trials – there is increasing need here and there is a current focus in this area.
 - Promote Partnership Between Researchers, Health Systems and Communities – both internal and external.
 - Provide Centralized Infrastructure and Resources for Clinical Research – Early career development; workforce diversification (representative workforce of future leaders)
 - Educate Future Leaders in Clinical Research

Budget Overview:

- There has been a significant reduction in grant funding due to a change in NIH calculations; UCSF will receive less than 50% of the last renewal's funding. Costs (and budget) are down for year 17 in part due to a shift of programs to institutional owners. The size of the CTSI has shrunk through attrition and matrixed roles; however, the CTSI

has kept most of its services. The level of institutional support for the new cycle is currently unknown. The current budget gap is \$8.5 million, and if maintained, CTSI will be short approximately \$3 million which will necessitate decisions.

The members discussed if/how CTSI could have a campus bigger footprint and if so, where they would fit organizationally. This is a fundamental challenge as CTSI's role is that of supporter, enabler, and catalyst for things happening at UCSF - not doing the things themselves. The members also discussed how improving the clinical trials infrastructure would have a big impact on how CTSI is viewed on campus.

2. Chase Center Opening and Impact on Mission Bay Site **

Arleen Bandarrae

The Chase Center is the new home of the Golden State Warriors; there will be several events at the stadium in addition to basketball games, raising concern over traffic congestion and parking. Contributing to this concern:

- The maximum seating capacity for National Basketball Association games is 18,064, and 18,500 for concerts; however, the capacity of the arena parking garage is 950 stalls.
- Uber has leased the two towers on either side of the stadium and will utilize 50% of the garage space during work hours (garage spaces will be pre-sold to Warriors game ticket holders).
- There will be 29 retail establishments at the complex.

Many efforts are being considered to deal with expected traffic, including:

- Staggered start times for Giants & Warriors games
- Free MUNI rides for those holding warriors tickets
- MUNI express bus from BART
- 350 bike valets

UCSF parking is currently not available to Chase patrons (except for a small number allocated to police and media at certain times); UCSF staff will be on site to ensure authorized access at game times. It is not known at this time whether UCSF shuttle schedules will be adjusted on game days.

UCSF has put together a website to alert campus to events impacting traffic: <https://eta.ucsf.edu>; <https://mycommute.ucsf.edu> also assists with commute logistics. Transportation Services will observe traffic patterns and congestion and revisit options after there have been a number of games/events.

The members discussed several options, such as renting parking spaces in the UCSF garage, reserving spaces in the garage for patients and those enrolled in clinical trials. The proximity of the CalTrain train tracks posed a concern for some members.

3. Agenda Survey

Irene Broderick

Submit topics via the RAB agenda survey tool: https://ucsf.co1.qualtrics.com/jfe/form/SV_5b6rQtFQ0K2UofP

** Contains excerpts from PowerPoint; see PowerPoint for detail



University of California
San Francisco

CTSI Update

RAB Committee Meeting

September 10th, 2019

Goals for today

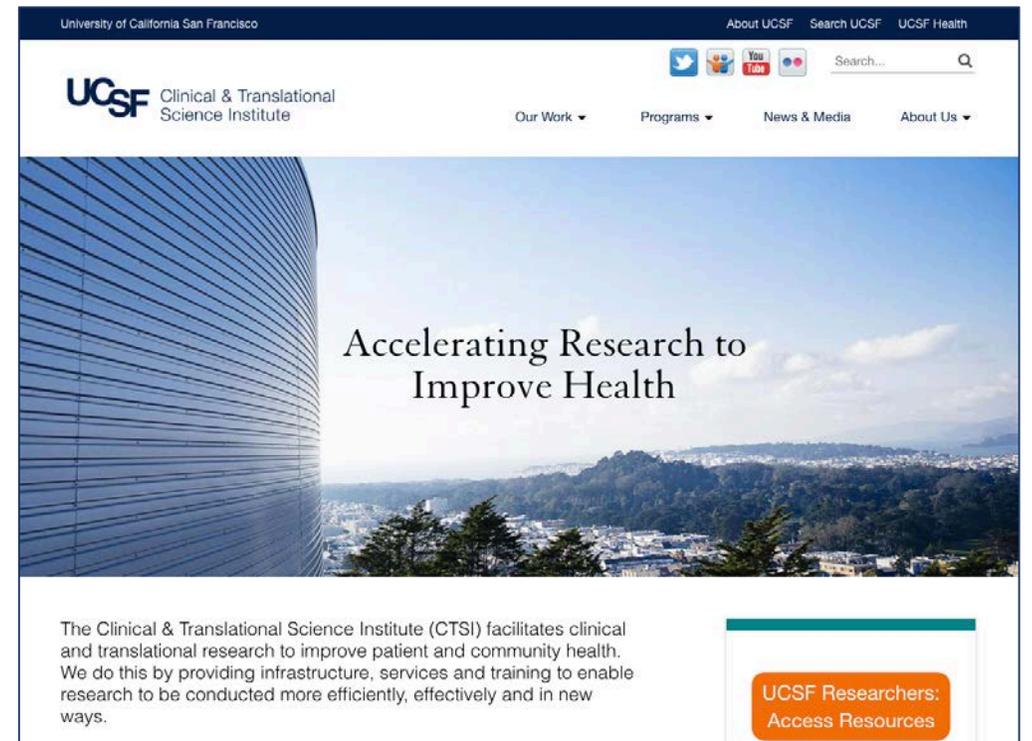
- Review CTSI's mission and impact
- Discuss CTSI renewal scope and timeline

CTSI mission

- Provide clinical research **infrastructure** to UCSF
- Develop new **tools and resources** for clinical researchers at UCSF
- **Educate** UCSF students, faculty, and staff in clinical research

CTSI overview

- Executive leadership
 - Hal Collard, Kirsten Bibbins-Domingo, and Lindsey Criswell (multi-PIs)
 - Hal Collard (director), Carmela Lomonaco (administrator)
- Programs/services
 - **Pilot grants**
 - **Research space and technical support**
 - **Informatics**
 - **Workforce development**
 - Community engagement
 - Consultation services
 - Team science and collaboration
 - Special populations research
 - Clinical trial support
 - Implementation science and health policy



ctsi.ucsf.edu

CTSI impact

- **Pilot grants for clinical research**
 - Last year, CTSI provided \$900,000 in pilot funding.
 - These grants are high impact
 - Have generated ~\$420,000,000 in additional grant funding.
 - Have led to the development of 10 companies.

Example: CTSI provided a Catalyst grant to Tippi MacKenzie to develop in-utero stem cell transplantation for alpha thalassemia major.

In Utero Transplant in First Clinical Trial Successful

Doctors treated the fetus, who has alpha thalassemia major, with cells from her mother's bone marrow.

May 30, 2018
JIM DALEY



(From left) Nichelle Obar, Elianna Constantino, and Tippi MacKenzie, the pediatric surgeon who performed the transplant
NOAH BERGER/UCSF

Pediatric surgeons at the University of California, San Francisco, have treated a second-trimester fetus with stem cells taken from her mother's bone marrow. The baby, born in February, was the first patient enrolled in the world's first clinical trial using stem cells transplanted prior to birth. She is

<https://www.the-scientist.com/the-nutshell/in-utero-transplant-in-first-clinical-trial-successful-36695>

CTSI impact

- **Clinical research space and support**

- CTSI provides access to clinical research space and technical support across campuses.
- Last year, CTSI supported 328 studies (space, procedural support, sample management).

Example: Neal Benowitz and Gideon St. Helen used CTSI's research units to study the effects of e-cigarettes on addiction and health.

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[Home](#) > [The Cigarette and Vape Industry Won't Support this Research, but CTSI Will](#)

The Cigarette and Vape Industry Won't Support this Research, but CTSI Will

CTSI Supports a Broad Range of Smoking Research - From the Pharmacology of Nicotine, Informing Tobacco Policy and Rise in Electronic Cigarettes

Tobacco and nicotine research have deep roots at UC San Francisco (UCSF) dating decades back to when the tobacco industry denied the risks of smoking, its causal effects of lung cancer, heart disease and other health problems. A rising number of faculty are dedicated to tobacco related research – from documenting and understanding advertising strategies, manufacturing, marketing, scientific research and political activities of the tobacco industry, the pharmacology of nicotine, tobacco cigarettes and related products, to its repercussions on human health and the recommended policy measures to reduce the harms from smoking (the Center for Tobacco Control Research and Education, [CTCRE](#), was established in 2001). The [Clinical and Translational Science Institute](#) (CTSI) has supported a wide range of this research and continues to as the smoking landscape evolves with the rise of electronic cigarettes and other novel tobacco products.



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Browse Topics

- [Biospecimen](#) [Catalyst](#)
- [Clinical Research](#)
- [Clinical Research Services](#)
- [Clinical Trial](#)
- [Community Engagement](#)
- [Comparative Effectiveness Research \(CER\)](#)
- [Consultation](#) [Digital Health](#)
- [Disparities](#) [Diversity](#) [Funding](#)
- [Health Policy](#) [Healthcare Value](#)
- [Informatics](#) [K Scholars](#)
- [LaunchPad](#) [Leadership](#)
- [Mentoring](#) [NIH](#) [Online Learning](#)
- [Open Proposals](#) [Partnerships](#)
- [Pilot Awards](#) [Precision Medicine](#)
- [Recruitment](#)
- [Research Networking](#)
- [Resident Research](#) [Social Media](#)
- [Spotlight](#) [Staff Events](#) [Training](#)
- [Translational Research](#) [UC BRAID](#)

<https://ctsi.ucsf.edu/news/cigarette-and-vape-industry-won%E2%80%99t-support-research-ctsi-will>

CTSI impact

- **Clinical research informatics**
 - CTSI provides access to EHR data and EHR-based interventions.
 - Last year, CTSI performed 220 EHR-data extractions and supported 34 EHR-enabled interventions in APeX.

Example: CTSI helped Valerie Flaherman study integrating a web-based newborn weight tool into APeX to support clinical decision making.

University of California San Francisco

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Home > Measuring Newborns' Weight Loss With Electronic Health Records to Give Babies a Healthy Start

Measuring Newborns' Weight Loss With Electronic Health Records to Give Babies a Healthy Start

Story posted via UCSF.edu

Reducing the Need for Non-Preventive Healthcare Utilization in the First Month of Life

Weight loss is normal for healthy newborns in the first few days, especially for those exclusively breastfed, until mothers begin to produce copious amounts of milk about two to five days after giving birth. While this dip in weight is normal, it can be stressful for parents and family members and can also have health consequences, because weight loss that is more pronounced than normal can lead to hyperbilirubinemia and dehydration.

Taken together, these problems are frequent barriers to a healthy first month of life and cause the majority of neonatal readmissions.

A new study at UC San Francisco called Healthy Start is using the electronic health record (EHR) to guide management of newborn weight loss from the very first day after birth to prevent health problems for infants.

The Healthy Start study aims to deliver decision support to health care providers caring for newborns that helps them reassure parents about normal newborn weight loss patterns, and decide whether their weight loss is more than expected.



A study at UCSF is using electronic health records to guide weight loss management for newborns and to help make decisions about whether supplemental feeding or other interventions might be warranted. Photo by Alain McLaughlin

Browse Topics

- Biospecimen
- Catalyst
- Clinical Research
- Clinical Research Services
- Clinical Trial
- Community Engagement
- Comparative Effectiveness Research (CER)
- Consultation
- Digital Health
- Disparities
- Diversity
- Funding
- Health Policy
- Healthcare Value
- Informatics
- K Scholars
- LaunchPad
- Leadership
- Mentoring
- NIH
- Online Learning
- Open Proposals
- Partnerships
- Pilot Awards
- Precision Medicine
- Recruitment
- Research Networking
- Resident Research
- Social Media
- Spotlight
- Staff Events
- Training

<https://ctsi.ucsf.edu/news/measuring-newborns%E2%80%99-weight-loss-electronic-health-records-give-babies-healthy-start>

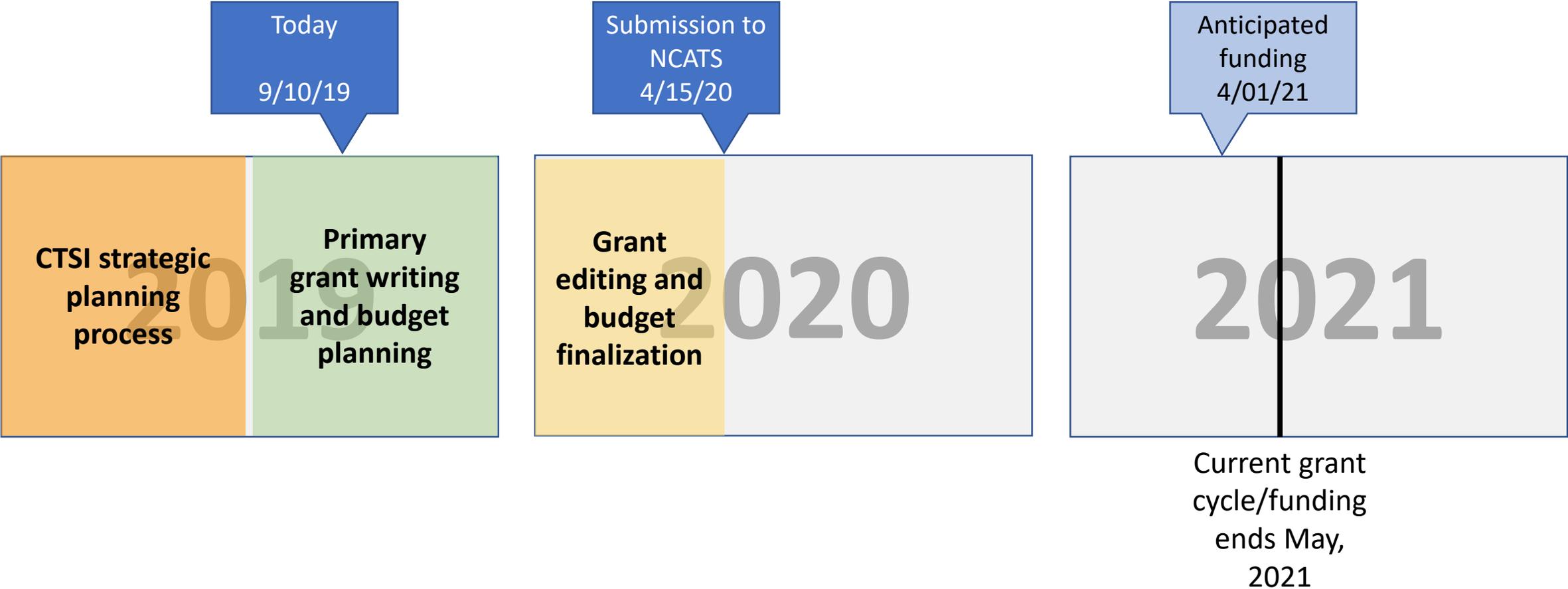
CTSI impact

- **Workforce development: K scholars program**
 - CTSI-supported clinical research home for career development awardees.
 - Provides mentorship, networking, access to clinical research faculty, and work-in-progress seminars.
- **Career development awards (KL2)**
 - Support for 9 internal K awards

Outcome of UCSF KL2 scholars (2005-11)	Number (%)
Position	
Assistant Professor	15 (36)
Associate Professor	20 (48)
Professor	4 (10)
Non-academic	3 (7)
Grants and publications	
NIH RO1 or equivalent	25 (59)
Foundation	18 (43)
Industry	10 (24)
Any as PI	38 (90)
# of first/last authored publications (mean)	8.5

CTSI renewal

Timeline



Vision for renewal

Ensure **Excellence**
in **Clinical Trials**

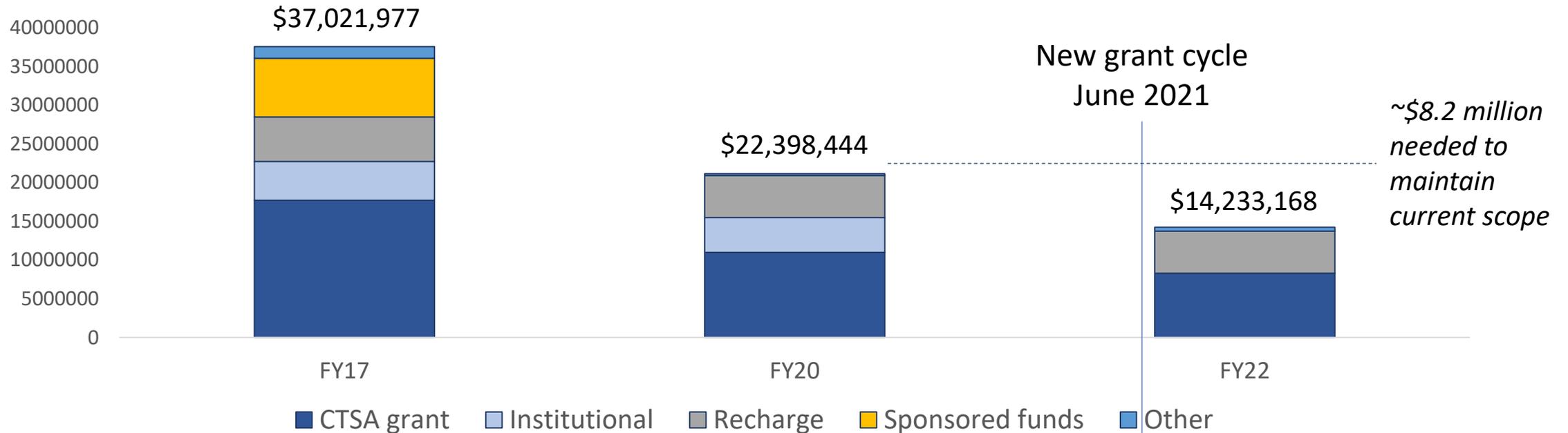
Promote **Partnership Between Researchers,**
Health Systems and Communities

Be the World's Preeminent
Health Sciences
Innovator in **Clinical Research**

Provide **Centralized Infrastructure**
and **Resources for Clinical Research**

Educate **Future Leaders**
in **Clinical Research**

Annual budget overview



- We have improved CTSI's sustainability and operating budget over the last cycle:
 - Handed off successful programs to UCSF partners: e.g. Catalyst, BIOS (biobanking)
 - Reduced faculty and staff through attrition and matrixing of roles and responsibilities

Questions

- How does CTSI's scope and focus match with institutional needs?
- What potential institutional partnerships should CTSI explore in support of clinical and translational science research at UCSF?

UCSF

Clinical & Translational
Science Institute

Vision for renewal (Aims overlay)

Efficient trial approval
and activation

Recruitment of diverse
populations

UCSF-partner health
system network

UCSF Health Learning
Health System pillar

Ensure **Excellence**
in **Clinical Trials**

Promote **Partnership Between Researchers,
Health Systems and Communities**

Clinical trial design
services

Lifecycle management of
clinical trials

Community advisory
boards for research

Translating evidence to
policy and practice

Be the World's Preeminent
Health Sciences
Innovator in Clinical Research

Pilot grant funding

EHR-enabled research
support

K scholars and KL2
awards

Workforce diversity

Provide **Centralized Infrastructure**
and **Resources for Clinical Research**

Educate **Future Leaders**
in **Clinical Research**

Research consultation

Space and technical
support for studies

Clinical informatics
curriculum

Transdisciplinary science

Rock Your Commute

eta.ucsf.edu

Presented by

Arleen Bandarrae, Transportation Specialist, UCSF Transportation Services

Chase Center Facts

- Home to the Warriors
- 150 + events a year
- Max Capacity: **18,064** seats for NBA games | **18,500** seats for concerts
- Arena garage holds **950 cars**
- Uber leasing 2 towers, ½ garage leased to Uber, during business hours



Chase Center Facts

- **Traffic** expected around **6 PM** or later on weekdays
- **Game Start Changes:**
 - Giants weekday first pitch: 6:45 PM
 - Warriors weekday tip off: 7:30 PM
- **Concert Start / End Times:**
 - Headliner 8–9 PM, End 10 – 11 PM
 - Doors open 1.5 hours before
- **Retail & restaurant destination**
 - 10 inaugural tenants (eventually 29)
 - Dumpling time,
 - Gott's Roadside
 - Belly & Sweet Belly



Chase (and UCSF): Promoting Transit First

- Free MUNI ride with Chase ticket
- Expanded Muni platform
- MUNI Express bus from BART
- Bike valet for 350 bikes
- Uber/Lyft along Terry Francois Blvd (geo-fenced)
- Interim Ferry w/ Chase ticket at Pier 48 (near Mission Rock)
- Planned commuter Ferry Terminal at 16th Street in 2021
- MUNI Central Subway connection coming



UCSF's Chase Parking Plan

- At this time, UCSF parking facilities will not be open to Chase patrons
 - Except 30- 40 spots in 3rd Street Garage for police & media after 6 PM weekdays and weekends
- All UCSF garages / lots will be staffed with extra personnel to ensure authorized access only
- Plus, we will post “no event” parking signs



**NO
CHASE
CENTER
EVENT
PARKING**

Ready, Set, Chase!

- Grand Opening Concert Tomorrow, 18,000 attendees
- CLS **tips** to help you navigate the new Mission Bay



Rock your commute!

eta.ucsf.edu



	SUN	MON	TUES	WEDS	THURS	FRI	SAT
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
September	29	30					



GET ALERTS

A photograph of a person's hand holding a smartphone. The phone screen displays a map with various colored overlays, likely representing traffic or event alerts. The background is a blurred crowd of people.

Tip 1: Explore ETA Website

- Event & Traffic Alerts to prepare UCSF community
- 12,000 visitors, 20,000 page views
- Local Media Coverage

Welcome to eta.ucsf.edu!

Know what's happening so you can **rock your commute** or know what to expect if visiting UCSF.

Gear up for the opening of the Chase Center, the arrival of the Warriors, and then some!

[GET ALERTS](#)



Tip 2: View, Subscribe to Calendar

- 30 Days at-a-glance
- Detailed event listings
- Subscribe
- Download a PDF
- **Red** and **yellow** traffic days
- Detailed listings below the calendar

September

	SUN	MON	TUES	WEDS	THURS	FRI	SAT
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					



Wednesday 9/4 - Morning Event and 3-11pm Concert

Expect major traffic delays starting in the afternoon in Mission Bay.

📍 CHASE CENTER

🕒 3PM

Tip 3: Get Alerts

- Submit your email to get alerts via email
 - Weekly Digest
 - All MB in Sept., subscribers only in Oct.
- 3,800 subscribers to date
- Alerts via also be communicated via:
 - Mobile app
 - Social media – UCSF Transportation Twitter
 - Digital Signage
- For alerts on your mobile phone, download the UCSF Mobile app

Thursday, September 5, 2019 at 10:25:08 AM Pacific Daylight Time

Subject: UCSF ETA - Event & Traffic Alerts This Week

Date: Tuesday, September 3, 2019 at 4:52:12 PM Pacific Daylight Time

From: UCSF Transportation

To: Transportation

UCSF ETA – Event & Traffic Alerts



Event & Traffic Alert:

Wednesday, September 4 through Friday
September 6, 2019

To prepare the UCSF community for the Chase Center opening, UCSF ETA reports the following upcoming events and potential traffic impacts.

JP Morgan Chase Corporate Challenge

Wednesday, September 4

Event Begins: 3 p.m.

Event Ends: 11 p.m.



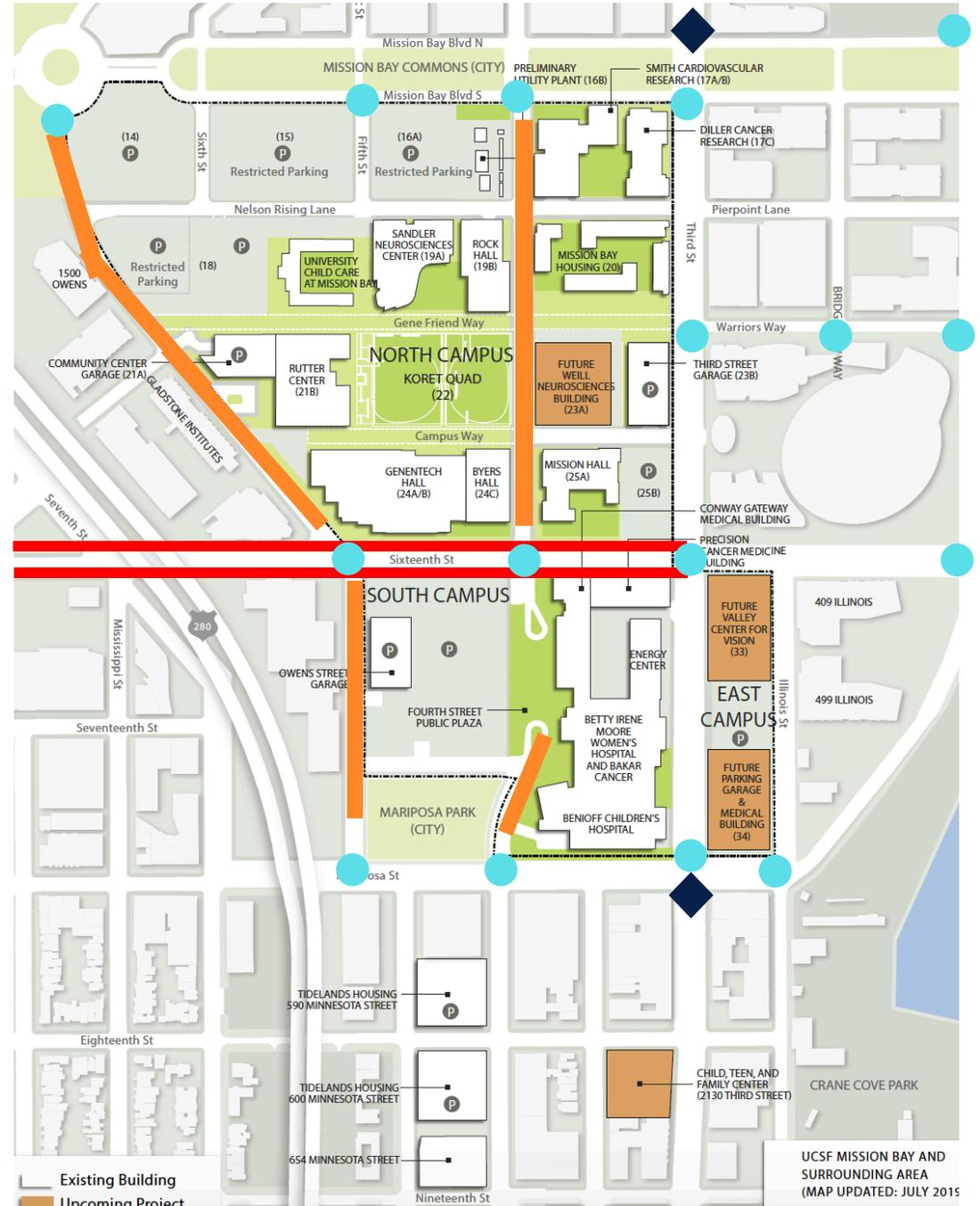
Tip 4: Rock Your Commute

- Find commute resources to rock your commute
 - MyCommute – solutions tailored to your location & destination
 - Resources including carpool, vanpool, biking and more options
- If your position allows
 - Change commute time?
 - Work from alternate location?
- If you need to come to campus, consider leaving your car at home



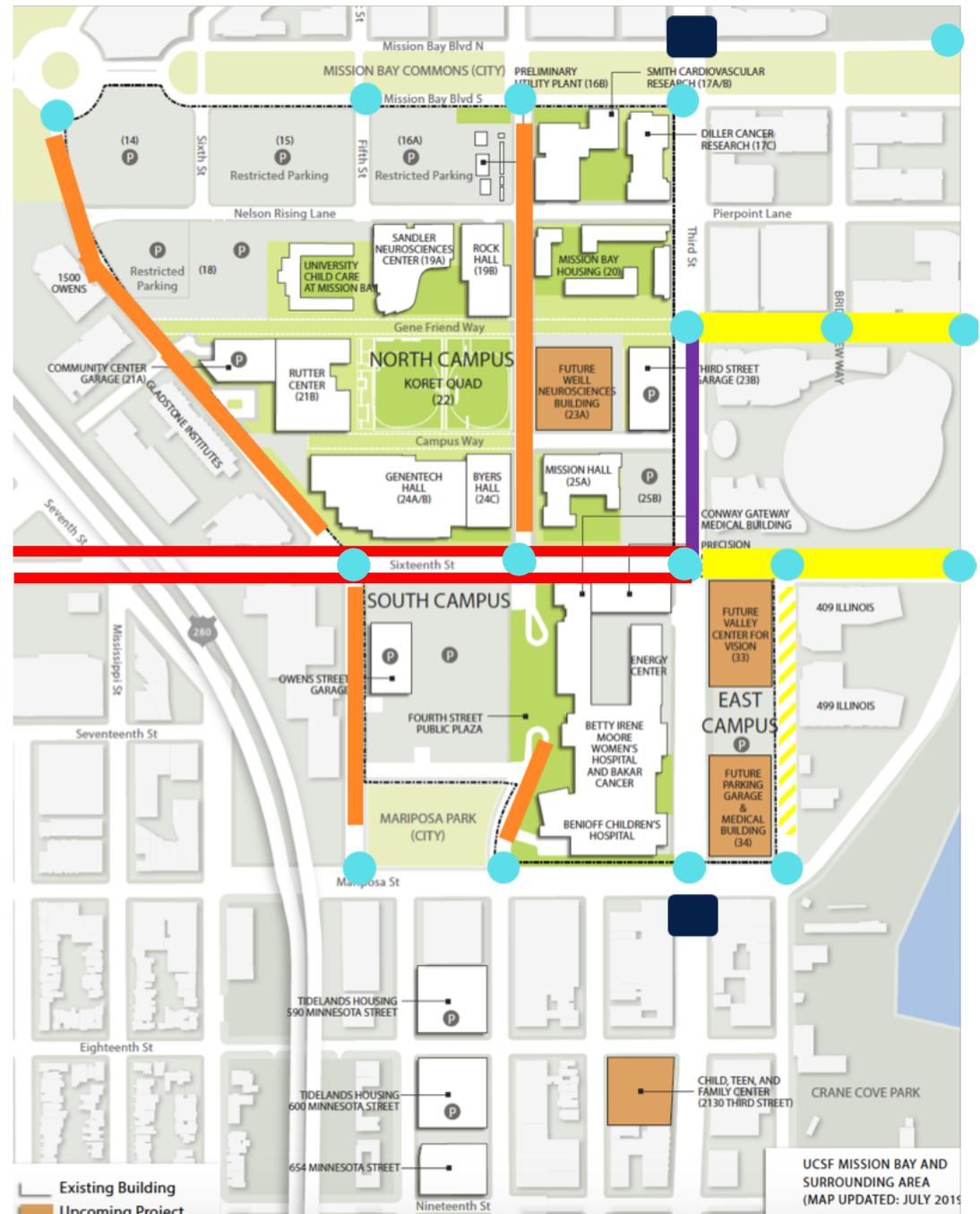
Tip 5: Know Best Routes (If Driving)

- **Avoid Third Street** ◆
- **Use Local Hospital Access Plan (LHAP) streets** ■
 - LHAP not exclusively for UCSF
 - SFMTA Parking Control Officers (PCOs) will help keep traffic flowing and direct Chase vehicles along preferred routes
 - PCOs will not be asking for credentials
- **Ambulances, shuttles, buses and taxis use red-striped “Transit Lane” (24/7) in each direction on 16th Street** ■



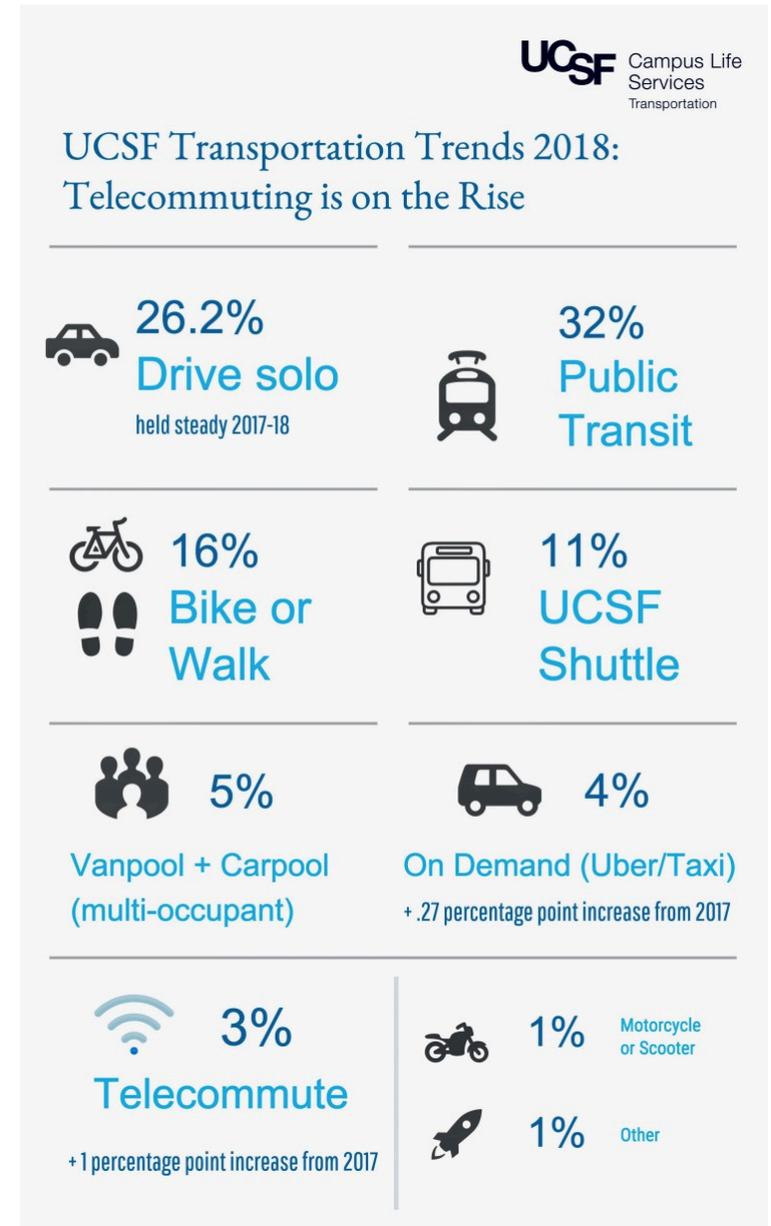
Tip 5: Know Road Closures (If Driving)

- Heed street closures 90 minutes before events
 - “Soft closure” at Mariposa and IL 
 - Be prepared to show UCSF credentials at this intersection
- Be aware of NB Third Street closure (toward end of events) to help pedestrian cross to Muni platform 



Thank you, UCSF Commuters

- Only **26.2%** commuted to campus alone in a car
- **3.4%** telecommuted regularly at least one full day every two weeks
 - Up from 2.6 in 2017
- **13%** telecommuted “as needed”
 - Up from 12% in 2017
- **17.6%** have positions conducive to telecommuting but have department norms against telecommuting
 - Up from 15.3% in 2017



Pre-Tax Commuter Benefit Program

Save up to 40% (up to \$265/month)

- Eligible Transit Expenses

- Trains – Local and Commuter
- All bus services
- Ferries
- Vanpool
- Ridesharing – UberPool, LyftLine

- Eligible Parking Expenses

- Parking at transit stations
- Parking near work locations – automatically enrolled at UCSF parking facilities



Questions & Comments

Campus Life Services Contact Info:

Arleen Bandarrae, Transportation Specialist

Arleen.Bandarrae@ucsf.edu

Amit Kothari, Interim Director of Transportation Services:

Amit.Kothari@ucsf.edu

Clare Shinnerl, Senior Associate Vice Chancellor, Campus Life Services:

clare.shinnerl@ucsf.edu

Link to RAB Agenda Survey

https://ucsf.co1.qualtrics.com/jfe/form/SV_5b6rQtFQ0K2UofP