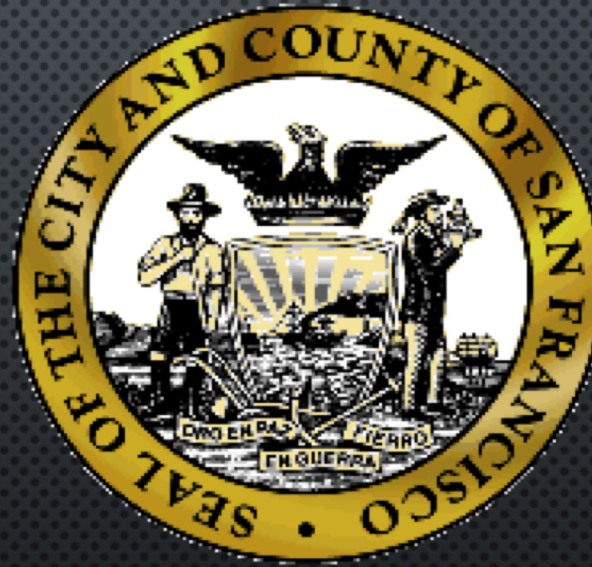




SFDPH

# HIV Research @ the SAN FRANCISCO DEPARTMENT OF PUBLIC HEALTH AIDS Office



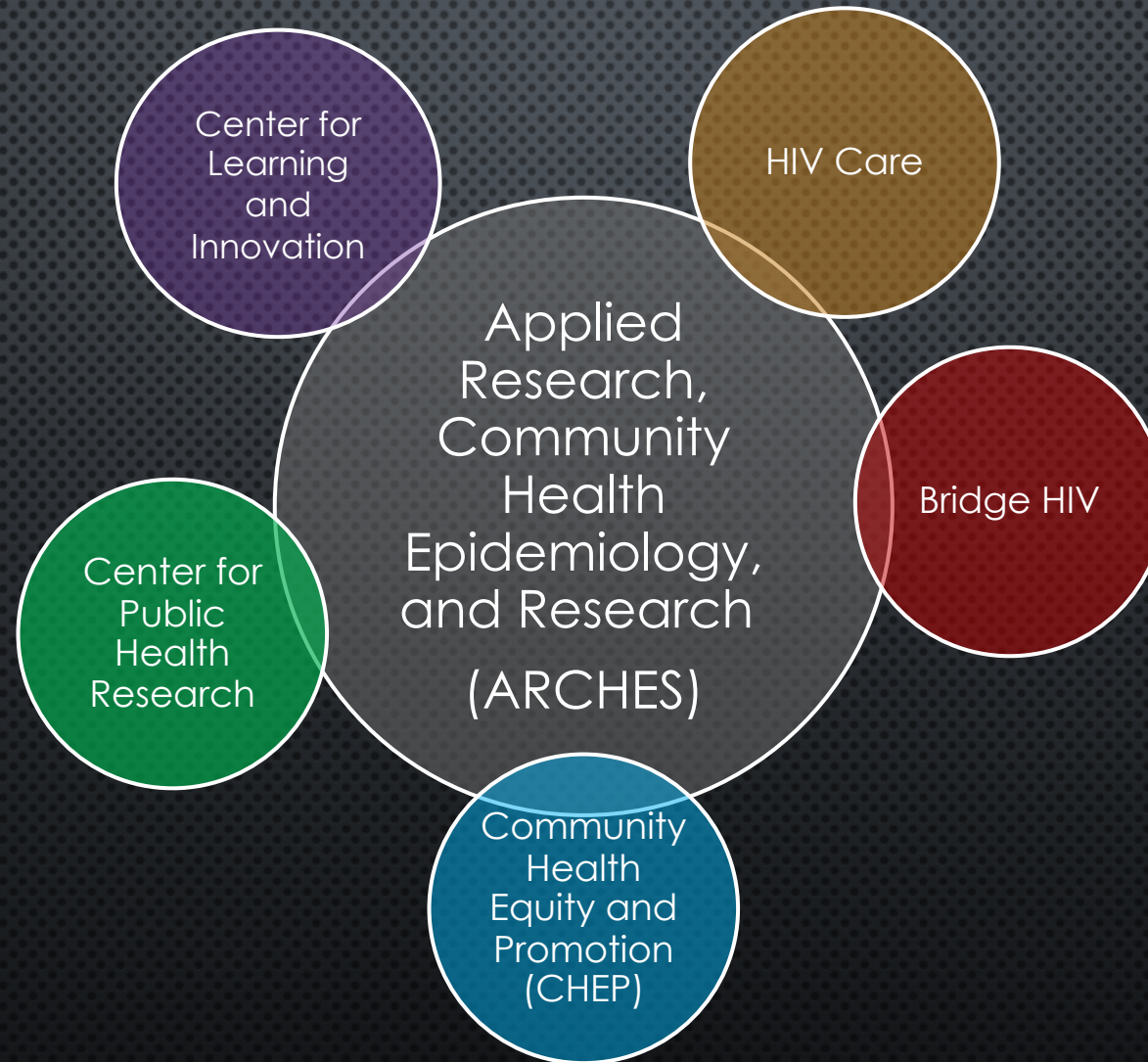
Erin Wilson  
Research Scientist, SFPD  
[erin.wilson@sfdph.org](mailto:erin.wilson@sfdph.org)

Associate Professor,  
Dept of Epidemiology and  
Biostatistics, UCSF





# SFDPH AIDS OFFICE





# CENTER FOR LEARNING AND INNOVATION



## SHARP

SUMMER HIV/AIDS  
RESEARCH PROGRAM



<https://sharpinternship.org/>



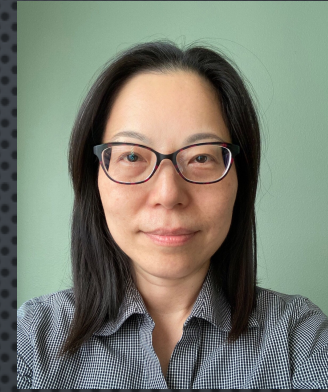
<https://getsfcba.org/>



# ARCHES - HIV EPIDEMIOLOGY AND CORE SURVEILLANCE SECTION



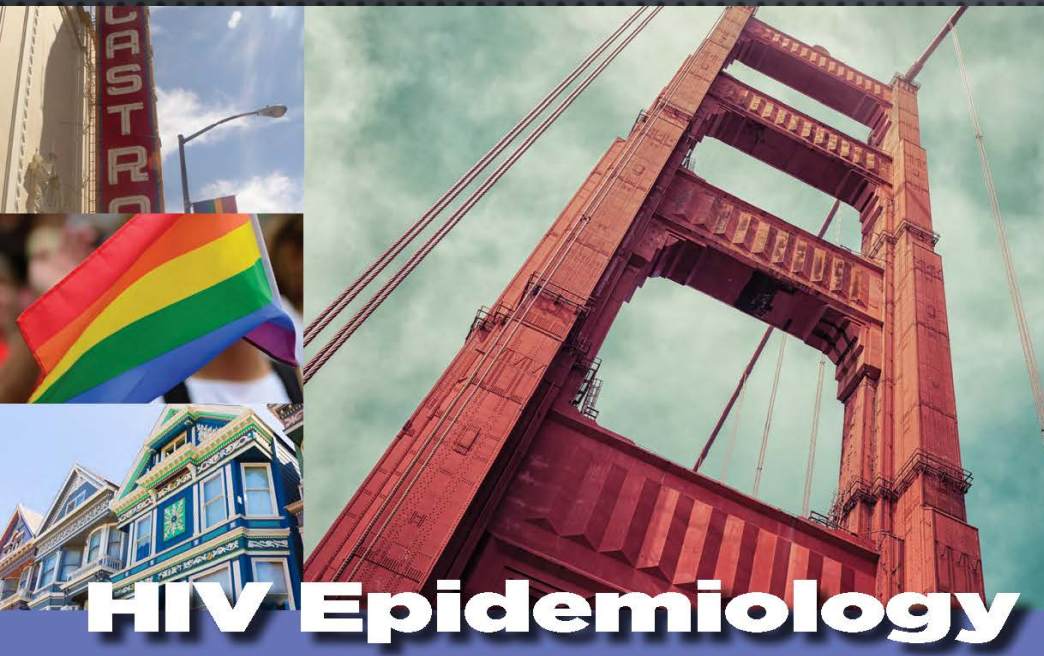
Wayne  
Enanoria,  
PhD, MPH



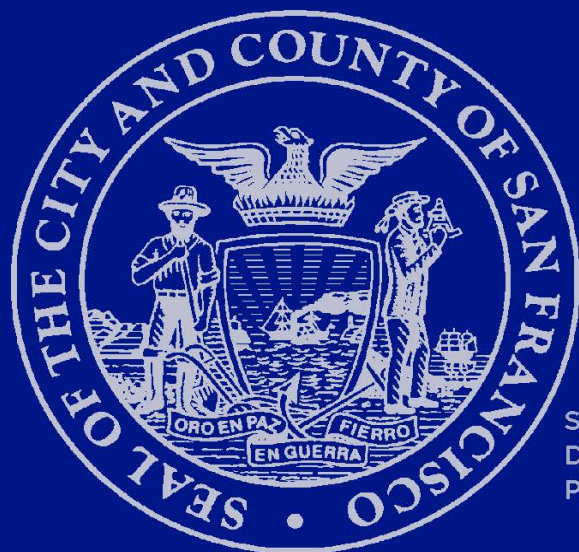
Ling Hsu,  
MPH

- PROVIDE METRICS TO MONITOR SUCCESS OF ALL GETTING TO ZERO STRATEGIC INITIATIVES
  - CORE HIV/AIDS SURVEILLANCE
  - MOLECULAR HIV SURVEILLANCE
  - MEDICAL MONITORING PROJECT





## Annual Report **2019**



San Francisco  
Department of Public Health  
Population Health Division

# HIV EPIDEMIOLOGY AND SURVEILLANCE

- MONITOR INCIDENCE, PREVALENCE, MORBIDITY AND MORTALITY OF PERSONS WITH HIV/AIDS IN SAN FRANCISCO, FOLLOWING GOVERNMENT MANDATES
- AIDS CASE REPORTING SINCE 1981, NAME-BASED HIV CASE REPORTING SINCE 2006
- MANDATORY DUAL REPORTING BY PROVIDER AND LABORATORY OF HIV TEST RESULTS INCLUDING ALL VIRAL LOAD AND CD4 TEST RESULTS
- LONGITUDINAL REGISTRY
  - FOLLOW-UP CHART REVIEWS FOR ART, PROPHYLAXIS, OIs, SUBSTANCE USE INCLUDING DRUG AND TOBACCO USE
  - CURRENT ADDRESS AND HOUSING STATUS
  - DEATHS AND MULTIPLE CAUSES OF DEATH

[https://www.sfdph.org/dph/files/reports/RptsHIV/AIDS/AnnualReport2019\\_Indigo\\_20200929\\_Web\\_fixed.pdf](https://www.sfdph.org/dph/files/reports/RptsHIV/AIDS/AnnualReport2019_Indigo_20200929_Web_fixed.pdf)



# CENTER FOR PUBLIC HEALTH RESEARCH

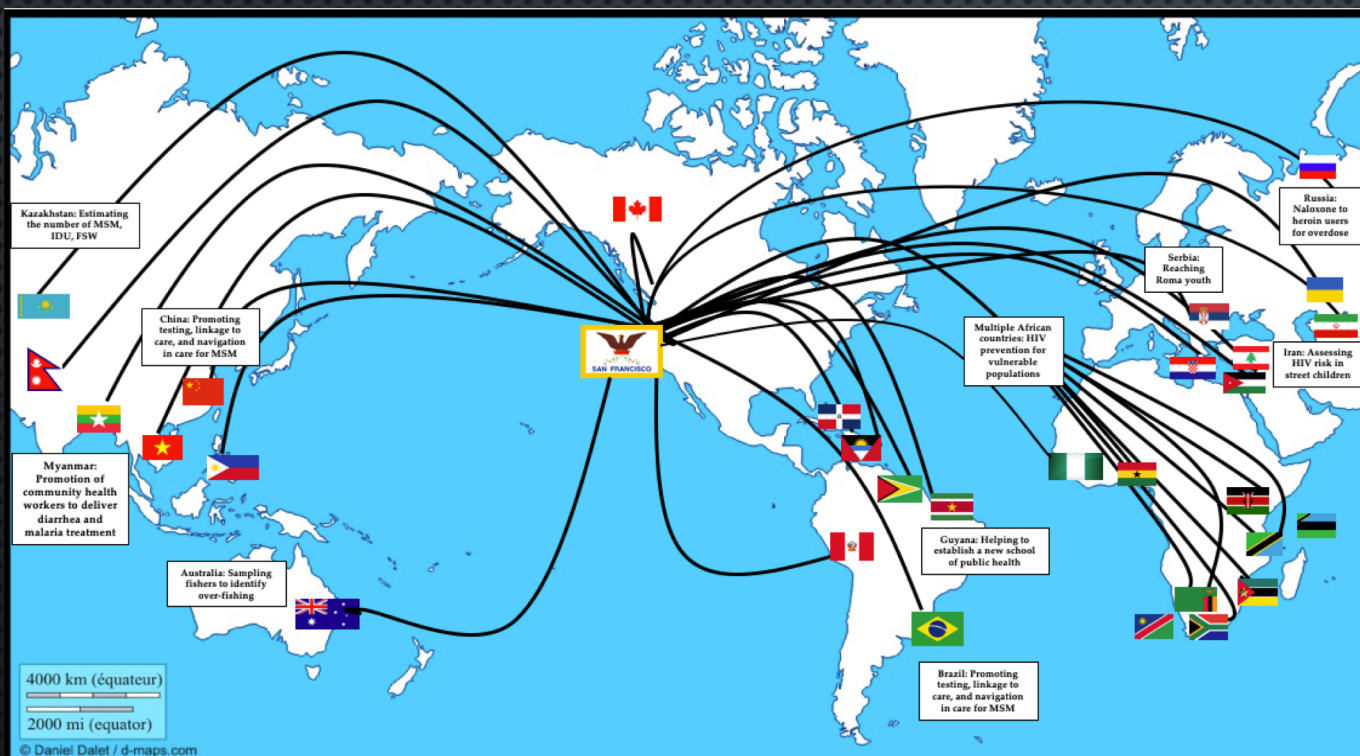
## National HIV Behavioral Surveillance (NHBS)

CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)  
PI, MCFARLAND



The  
Trans\*National  
Study

USA • BRAZIL • CHINA • NAMIBIA



- Novel Social Epidemiological cross sectional & longitudinal research
  - Domestic & International
- Data > Interventions
- Mentorship and training
- Collaborative research projects with other units @ the SFDPH





TRUE -  
TRANS  
RESEARCH UNIT  
FOR EQUITY  
  
TRUESF.ORG



**RELATIONSHIPS  
AREN' T BLACK  
OR WHITE**

**if you are a transamorous cis man  
in the SF Bay Area,**

**we want to hear from you.**

The Partners Study is a project of the Trans Research Unit for Equity at the San Francisco Department of Public Health. Participants can earn \$75-115. Call us @ 415-652-5915 for more information or to schedule an interview.





BRILHAR E  
TRANSCENDER  
INTERVENTION  
NIH UG3/UH3  
PI, WILSON/GRINSZTEJN



SWEEKAR

NIH FOGARTY R21 > R34  
PI, WILSON





# THE STAY STUDY

CALIFORNIA HIV/AIDS  
RESEARCH (CHRP)  
PROGRAM,  
PIS LIU/WILSON





Phillip Coffin, MD

# CENTER ON SUBSTANCE USE AND HEALTH

## OBSERVATIONAL STUDIES

Ongoing Trials and Observational Studies



Glenn-Milo Santos, PhD



	ODS	COPING	Transitions
Population & Setting	People prescribed opioids (N= 600)	People prescribed opioids (N= 300-400)	People prescribed opioids (N= 600)
Intervention	Observational	Observational	Observational
Primary outcome	HIV outcomes	Pain and function	Illicit opioid use
Design	Chart review	Longitudinal cohort, up to 4yr f/u	Longitudinal, retrospective cohort





Recently Completed/Ongoing Pharmacologic Intervention Trials

Glenn-Milo Santos, PhD



**Curb the Line**  
*(Analysis Phase)*

**Say When**

**Harness**

Population	People with cocaine Use disorders (N=45)	MSM who binge-drink alcohol (N=120)	People with alcohol use disorders (n=120)
Intervention & Control	ER Lorcaserin vs. placebo	Oral naltrexone vs. placebo, as-needed	Kudzu vs. placebo, as-needed
Outcome	Cocaine Use and Cocaine-Associated Sexual Risk Behaviors	Alcohol Use, Sexual Risk Behaviors	Alcohol Use, Sexual Risk Behaviors, STIs
Design	Double-blind RCT, 3 month f/u	Double-blind RCT, 3 month f/u	Double-blind RCT, 3 month f/u



# BRIDGE HIV: A TRADITION OF INNOVATIVE RESEARCH TO PREVENT HIV/AIDS



Susan  
Buchbinder  
, MD



Albert Liu, MD,  
MPH



Hyman  
Scott,  
MD, MPH

## SF City Clinic Cohort Study

- HIV antibody test
- Natural history
- Long term non-progression (LTNP)

## Vaccines & Prep

- Recruitment and retention of at-risk cohorts
- Risk factors for infection
- Per-contact risk

## Behavioral & Biomedical Interventions

- Individualized, client centered counseling
- **Preventive Vaccines**
- STD interventions (HSV-2 suppression)
- **Pre-exposure Prophylaxis**
- **Rectal and vaginal microbicides**
- **Peer navigation among Black and Latino MSM and trans people**
- **Home HIV and STI testing**

## Evaluating Platforms for Intervention Delivery and Building Research Capacity

- **Combination Prevention\***
- **Implementation Research**
- **Fostering a new generation of HIV researchers**
- **mHealth**









**LUNES 12 DE OCTUBRE**  
**HORA:**  
**8:00 P.M.(PERÚ)**  
**18:00 (USA)**

**Invitado: Rafael Gonzalez (Bridge HIV - San Francisco USA)**

**HISTORIA DE DOS CIUDADES: ESTUDIO MOSAICO EN LIMA Y SAN FRANCISCO**

 Transmisión en vivo vía Asociación Civil IMPACTA

Continued on the next page...

### Profile of Mosaico (HVTN 706/HPX3002)

- Study teams aim to enroll 3,800 cisgender men and transgender people who have sex with cisgender men and/or transgender people between the ages of 18-60 years.
- The study will take place at over 50 trial sites in the U.S., Mexico, Brazil, Peru, Argentina, Poland, Italy and Spain.
- Mosaico will evaluate an investigational mosaic-based vaccine regimen with the goal of determining if it is effective in preventing HIV infection in MSM and transgender individuals.
- Initial results from the study may be available by 2024.
- **Public-private partnership making the search for a safe and globally effective preventive HIV vaccine possible**
- Mosaico is supported by a public-private partnership led by Janssen Vaccines & Prevention B.V., part of the Janssen Pharmaceutical Companies of Johnson & Johnson; the National Institute of Allergy and Infectious Diseases (NIAID), which is part of the National Institutes of Health (NIH); and the NIAID-funded HIV Vaccine Trials Network (HVTN). Additional partners providing support include the U.S. Army Medical Research and Development Command (USAMRDC).

VOLUNTEER FOR A PREP RESEARCH STUDY & HELP US FIND OUT.



# COVID-19 RESPONSE



- ONE OF 58 SITES PART OF A COVID-19 ANTIBODY STUDY – **CHARACTERIZING SARS-CoV-2-SPECIFIC IMMUNITY IN INDIVIDUALS WHO HAVE RECOVERED FROM COVID-19**



## TRIAL – **ASTRAZENECA** STUDY

<https://www.sfchronicle.com/bay-area/article/Bay-Area-joins-two-major-coronavirus-vaccine-15479950.php>

# DID YOU TEST COVID-19 POSITIVE?

## JOIN A RESEARCH STUDY.

Bridge HIV has been a global leader in HIV prevention research for over three decades, serving the Bay Area community by targeting the global HIV pandemic. As your community partner, we are turning some of that focus to the global COVID-19 pandemic.

To stop the spread of this virus we need a vaccine and to discover one we need your help.

Did you test positive for COVID-19? We want to learn what immune responses help people with COVID-19 recover from their infection. You can help right now by joining a research study.

**Text/Call: (415) 916-8732**

**COVIDresearch@sfdph.org**

HELP **FI**IGHT HIV ORG

BridgeHIV®







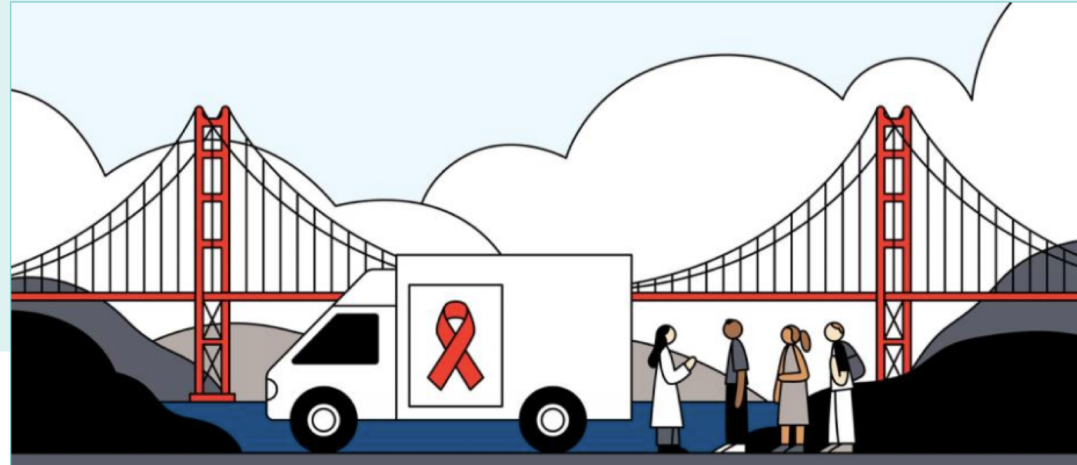
San Francisco Department of Public Health

<p><b>AYUDE A SU COMUNIDAD.</b></p> <p><b>AYÚDENOS A ENCONTRAR UNA VACUNA CONTRA COVID-19.</b></p> <p>CombaticosCOVID.org (415) 355-4345</p> <p><small>COMBATIMOS COVID BridgeHIV COVID-19 UCSF</small></p>	A woman with long dark hair in a braid, wearing a colorful patterned face mask and a denim jacket, against an orange background.	A woman with long dark hair, wearing a rainbow-colored face mask and a grey t-shirt with a rose design, against a green background.	A man and a woman standing together, both wearing blue face masks, against a light blue background.
<p><b>COMMUNITY IS STRENGTH.</b></p> <p><b>JOIN THE MOVEMENT TO END COVID-19. HELP FIND A VACCINE.</b></p> <p>WeCanBeatCOVID.org (415) 355-4345</p> <p><small>WE CAN BEAT COVID BridgeHIV COVID-19 UCSF</small></p>	A woman with long dark hair, wearing a blue face mask and a patterned top, against an orange background.	A man with short dark hair, wearing a pink face mask and a black t-shirt with a rainbow flag design, against a purple background.	A family of four (two adults and two children) wearing face masks, against a yellow background.
<p><b>COMMUNITY IS STRENGTH.</b></p> <p><b>JOIN THE MOVEMENT TO END COVID-19. HELP FIND A VACCINE.</b></p> <p>WeCanBeatCOVID.org (415) 355-4345</p> <p><small>WE CAN BEAT COVID BridgeHIV COVID-19 UCSF</small></p>	A healthcare worker wearing green scrubs, a blue face mask, and a headband, against a red background.	A man wearing a white face mask and a white button-down shirt, against a teal background.	A woman with long dark hair, wearing a blue face mask and an orange hoodie, against a light blue background.



# **‘Mom, I have HIV but don’t worry about me’: How One City Is Trying to Eliminate HIV**

February 28, 2020 | **Shanoor Seervai**



<https://www.commonwealthfund.org/publications/podcast/2020/feb/mom-i-have-hiv-dont-worry-about-me-how-one-city-trying-eliminate-hiv>