



PRISE Center

**UCSF**

University of California  
San Francisco

# UCSF PRISE Center

## 2022 - 2023

### Annual Report

Advancing health equity through community partnerships  
and transformative implementation research

<https://prise.ucsf.edu>

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# MESSAGE FROM THE CO-DIRECTORS

We are pleased to share our 2022-2023 PRISE Center annual report highlighting the breadth and depth of what we've accomplished to further the use of implementation science (ImS) methods to advance health equity. The PRISE Center has experienced tremendous growth in all three of our strategic areas: **partnered implementation research, training and career development, and ImS and health equity applied methods.**

Our accomplishments include:

- Building on our initial PRISE Center priorities to partner with local and state public health departments we received two large grants collectively totaling \$2.25 million from the San Francisco Department of Public Health and the California Department of Public Health, funded by the Centers for Disease Control and Prevention (CDC).
- PRISE Center Co-Directors have forged new ground by establishing a portfolio of innovative implementation research projects furthering environmental equity and climate justice.
- PRISE Center faculty have expanded global implementation research in the areas of HIV prevention and mental health, tuberculosis and social protection, and environmental equity and climate justice.
- Growing the pool of equity-focused implementation scientists through mentoring of numerous career-development grant awardees, training postdocs as part of our PRISE-HLT32, and our ImS/equity focused workshops and seminars drawing diverse audiences that include faculty, staff, public health practitioners, and community partners.

We are proud to have an amazing staff that supports and manages these exciting initiatives. We hope you read further and enjoy learning more about our work.



Neeta Thakur, MD, MPH  
PRISE Center Co-Director



Margaret Handley, PhD, MPH  
PRISE Center Co-Director

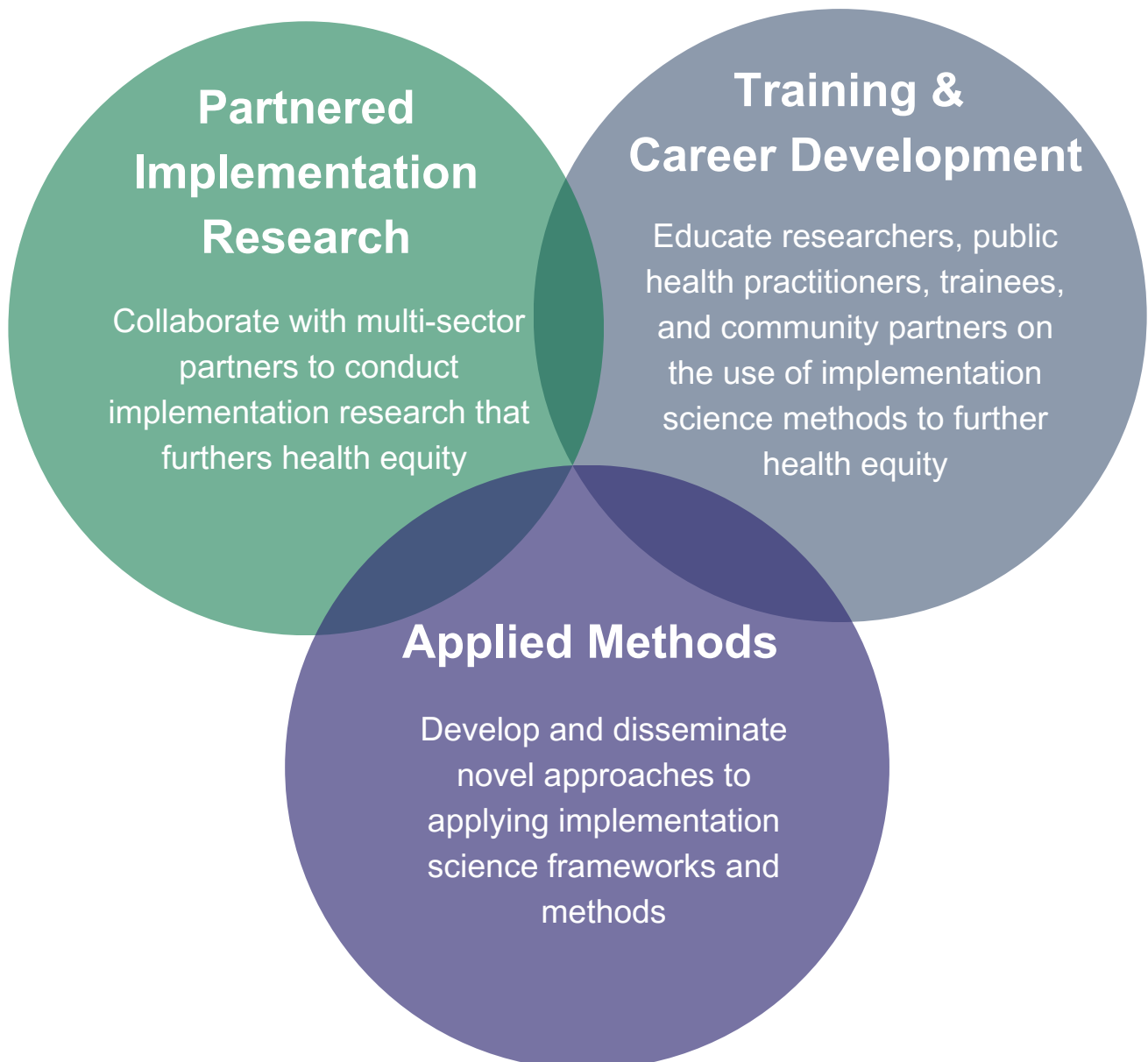
## Our Mission

To advance health equity through community partnerships and transformative implementation research.

## Our Work

The PRISE Center functions as a hub focused on applied research and training to promote health equity. We build strong cross-sectoral partnerships and apply cutting-edge implementation science research methods to bring evidence-based interventions into practice settings.

## Focus Areas



## BY THE NUMBERS

### Our Work

10

Partnered implementation  
research projects

3

Pilot grants awarded  
totaling \$72,500

2

Large training & career  
development grants

8

Events held on  
implementation science &  
health equity

2

Podcasts promoting  
PRISE Center  
faculty work

85+

Publications focused on  
implementation science  
and/or health equity

### Our People & Partners

10

Core faculty  
members

4

Staff members

3

Postdocs

8

Mentored  
career-development  
grant awardees

143

Faculty &  
partner affiliates

34

Implementing  
partners

### Grants & Resources

13

Sponsored projects

\$906,259

Average annual  
expenditures from  
sponsored projects



# WHO WE ARE

## PRISE Center Faculty

### Executive Committee



**Neeta Thakur, MD, MPH**  
Associate Professor of Pulmonary & Critical Care



**Margaret Handley, PhD, MPH**  
Professor of Epidemiology & Biostatistics



**Jennifer Velloza, PhD, MPH**  
Assistant Professor of Epidemiology & Biostatistics



**Elaine Khoong, MD, MS**  
Assistant Professor, Division of General Internal Medicine



**Matthew Spinelli, MD, MAS**  
Assistant Professor, School of Medicine



**Priya Shete, MD, MPH**  
Associate Professor of Pulmonary & Critical Care

### Core Faculty

**Emilia Demarchis, MD, MAS**  
Assistant Professor, Family Community Medicine

**Janet Myers, PhD, MPH**  
Professor, School of Medicine

**Maria Garcia, MD, MPH**  
Assistant Professor, Division of General Internal Medicine

**Oanh Nguyen, MD, MAS**  
Associate Professor, School of Medicine

## PRISE Center Staff



**Leah Murphy, MPH**  
Senior Program Manager



**Tiese Etim-Inyang, MPH**  
Program Coordinator



**Akilan Saami, MPH**  
Research Data Analyst



**Stuart Gaffney**  
Project Analyst

## Affiliates

**62** UCSF Faculty Affiliates

**63** External Faculty Affiliates

**18** Partner Affiliates

## Environmental Health & Climate Change

The relentless and variable ways in which environmental hazards and climate change impact health outcomes is overwhelming. This is especially true for populations that experience increased exposure to climate and environmental hazards, increased sensitivity, and decreased resources to respond.

To address these challenges, PRISE Center faculty are working closely with local and global partners to utilize implementation science methods, community-based participatory research approaches, and environmental justice principles to understand barriers and facilitators to taking protective actions against environmental and climate hazards, and to tailor climate adaptation interventions to meet the needs of local communities.



Photo credit: Jose Alejandro Polanco Lemus and <https://ecolectivosguatemala.org>



### Dr. Margaret Handley

**Applying implementation science research methods to support environmental health & climate adaptation in Guatemala, Croatia & Jordan**

In collaboration with colleagues from Emory University and Universidad del Valle de Guatemala, Dr. Margaret Handley, PRISE Center Co-Director, is co-investigator on an R01 randomized cluster trial in 20 rural villages in Jalapa, Guatemala where plastic waste is commonly burned in indoor and outdoor fired stoves. This project is focused on forming community working groups to identify and implement community-based alternatives to burning plastic waste in household fires and to measure reductions in exposure to plastic combustion by-products, including phthalates and bisphenols, among women of reproductive age. Dr. Handley is providing implementation science expertise to the research team to utilize the Behavior Change Wheel and RE-AIM, two implementation science frameworks, and mixed-methods approaches to refine, implement, and evaluate the community-initiated interventions to reduce plastic waste burning.

In Fall 2022, Dr. Handley was awarded a Fulbright to support development of implementation science curriculum focused on climate adaptation for Croatian Schools of Public Health. Croatia faces several climate change challenges similar to California, including increased risk of wildfires, drought, flooding and erosion. During the 2022-2023 academic year, Dr. Handley spent extended time in Croatia with colleagues at the University of Zagreb to establish a working group on implementation science and climate change, and to develop curriculum for courses that launched in Spring 2023.

“

We will work hard to ensure that the tools for improving water conservation and clean water access are implemented so they reach the people across the region who need them most.

-Dr. Margaret Handley

In September 2023, the Global Center of Climate Change, Water, Energy, Food and Health Systems—led by researchers at UC San Diego in partnership with an international consortium of community organizations and universities that includes UCSF—launched to address the impacts of climate change in climate-sensitive communities in Jordan’s Azraq Basin. Jordan is ranked second among countries experiencing water scarcity, with numerous water-deprived communities, many of whom are resettled Syrian refugees. Dr. Handley is leading the implementation science component of the research strategy to implement pilot projects on water conservation, improving access to clean water and other interventions focused on energy, food security and health systems strengthening.

## Dr. Neeta Thakur

**Building partnerships to address the health impacts of climate change in the Bay Area and across California**

Between December 2021 - February 2024, the PRISE Center collaborated with San Francisco Department of Public Health (SFPDH) and Office of Resilience and Capital Planning (ORCP) staff from the Heat and Air Quality Resilience (HAQR) project on a Patient-Centered Outcomes Research Institute (PCORI) Engagement award to build capacity for community-based participatory action research (CBPAR) in San Francisco focused on climate and health. Working closely with HAQR and a community liaison consultant, PRISE Center Co-Director, Dr. Neeta Thakur, and staff member, Leah Murphy, formed a community stakeholder group (CSG) with seven representatives from CBOs serving residents from climate-sensitive populations.





The CSG defined priority populations most sensitive to the negative health impacts of extreme heat and wildfire smoke, developed conceptual models to visualize the potential health impacts experienced by priority populations, co-developed and disseminated a community climate survey, and conducted key informant interviews to explore barriers and facilitators to promising climate adaptation strategies identified in the climate survey.



The research team met with the CSG and HAQR to reflect upon the mixed methods findings and assemble a patient-centered comparative effectiveness research agenda on community-level climate adaptation interventions. An academic manuscript describing this work, co-authored with community and local government partners, was recently submitted for review and publication.

In April 2023, in collaboration with the UC Center for Climate Health and Equity, the PRISE Center received UC Office of the President funding to research the health impacts of wildfire smoke to support emergency preparation and response, and climate adaptation planning in the Bay Area. The grant has four Aims: 1) apply machine learning techniques to better understand populations most at risk of negative health effects from wildfire smoke; 2) utilize implementation science methods to identify facilitators and barriers to adoption of recommended wildfire smoke mitigation strategies; 3) apply quasi-experimental methods to assess the effectiveness of wildfire smoke mitigation strategies; and 4) integrate learnings into UCSF and Bay Area community health system emergency response planning efforts. The PRISE Center is leading Aim 2 which involves identifying organizations working at the intersection of wildfire smoke and health in nine Bay Area Counties. Dr. Thakur and her team will survey these organizations to better understand populations served and activities implemented to address wildfire smoke health impacts.

In collaboration with UC Berkeley, Lawrence Berkeley National Laboratory and CBOs in Fresno, Richmond and San Francisco Counties, Dr. Thakur expanded her climate and health work in California with the receipt of an Environmental Protection Agency (EPA) grant focused on learning more about the health effects of short-term surges in PM<sub>2.5</sub> due to wildfire smoke and how these surges affect low-income, environmental justice (EJ) communities of color. The PRISE Center is supporting Aim 4 of the grant to survey residents from EJ communities on barriers and facilitators to taking household protective actions.



**Dr. Jennifer Velloza**

## Support Sisters



**Dr. Elaine Khoong**

Between January 2022 - December 2023, the PRISE Center collaborated on a UCLA-UCSF ACEs Aware Family Resilience Network (UCAAN) funded community-academic research partnership with Dr. Melanie Thomas, UCSF Associate Professor of Psychiatry, healthcare providers at ZSFG Women's Health Center, and the Homeless Prenatal Program.

The project focused on designing, implementing and evaluating the impact of a trauma-informed perinatal community-health worker (CHW) program on engagement in care and linkages to social resources among at-risk pregnant individuals in San Francisco. The innovative model of care trains and engages "Support Sisters"—a colloquial phrase for perinatal CHWs—to provide patient-centered, trauma-informed support and referrals to social resources within a perinatal network of care.

Led by PRISE Center faculty, Drs. Jennifer Velloza and Elaine Khoong, our team provided implementation science and applied research support to evaluate the capacity building and pilot phases of the project. We also supported policy and advocacy efforts by contributing to an article published in [Health Affairs](#) highlighting lessons learned while caring for Medicaid-insured pregnant people in California and recommendations for policy makers.



## PCORI HSII Initiative

**Dr. Delphine Tuot, PRISE Center Faculty Affiliate**

In the summer of 2022, PRISE Center faculty and staff supported Dr. Delphine Tuot, UCSF Professor of Medicine and Division Chief of Nephrology at ZSFG, and her colleagues at San Francisco Health Network (SFHN) to apply for the PCORI Health Systems Implementation Initiative (HSII). HSII is a multiyear initiative to advance the uptake of practice-changing comparative clinical effectiveness research results in care delivery settings. SFHN was one of 42 health system participants selected to participate in HSII. Dr. Tuot and Ms. Tina Lee, Director of the SFHN Metrics, Analytics and Data Integration Team, received capacity building funding to enhance SFHN's data reporting infrastructure to facilitate evaluation of further implementation initiatives. They plan to apply for implementation project funding in the future.



Above photo: Participants of the neighborhood walking tour of Chinatown. Photo credit: Alice Feng

## Partnering to address COVID-19 Health Disparities in San Francisco

Beginning in June 2021, the PRISE Center partnered with SFDPH and numerous CBOs on a CDC-funded COVID-19 Health Disparities grant. The grant focused on reducing COVID-related health disparities by developing and expanding access to prevention services and resources, improving data collection and reporting, and strengthening partnership and infrastructure to support San Francisco neighborhoods experiencing a disproportionate burden of COVID infections.

PRISE Center faculty, Dr. Elaine Khoong, and former staff member, Elizabeth Sherwin, led qualitative interviews with 36 CBOs to better understand how CBOs collect, monitor and track data related to their clients, and barriers and facilitators to data and information sharing between SFDPH and other health care systems. Major findings, soon to be submitted for publication, include that CBOs desire to deepen collaboration with SFDPH in a manner that emphasizes equal partnership, more sustainable funding especially for mental health services, improved communication, and more opportunities for information sharing. CBOs also identified a need for health care providers from community clinics to learn more about the neighborhoods in which the clinics are located, as well as the services provided by CBOs.

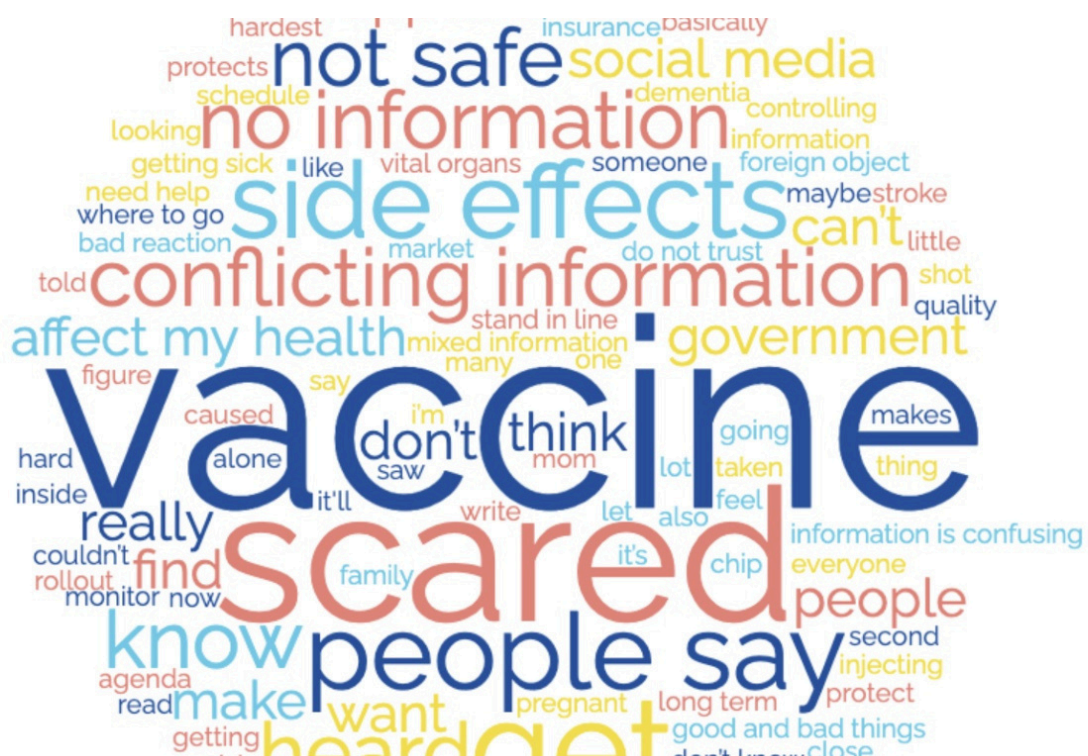
Building on CBO interview findings, SFDPH and community partners piloted neighborhood walking sessions. These guided sessions educated health clinic staff on how the history, culture, environmental, and other social determinants of health specific to their clinic's neighborhood impact their patient's health and treatment. A PRISE Center evaluation of the pilot, led by staff member Akilan Saami, found that participants better understand the needs of the neighborhoods and the resources available to their patients.



## Partnering to address COVID-19 Health Disparities in San Francisco

Additionally, Dr. Margaret Handley and collaborators from San Francisco State University and Mujeres Unidas y Activas expanded access to health communications and data visualization resources for linguistically diverse adult English-language learners, Spanish-speaking residents and CBOs. The request for resources to support communities to develop unique and relevant data visualizations to tell their own health stories arose from findings from [published implementation research](#) conducted during the COVID pandemic by the PRISE Center and SFDPH to explore the barriers and enablers to COVID-19 vaccination among San Francisco's Spanish-speaking population.

Health communications and data visualization resources developed in collaboration with project partners over the course of the grant include: 1) the [Communicative Justice Initiative website](#) with lesson ideas and resources to engage linguistically diverse adult learners with health data; 2) an online [data visualization toolkit](#) for CBOs; and 3) a three-part seminar series on health equity and data visualizations for academic researchers and public health practitioners. Dr. Handley and collaborators also published a [scoping review](#) on community engagement in the development of health-related data visualizations.



Pictured above: Word cloud of barriers to COVID-19 vaccination among Spanish-speaking interview participants.



## SPOTLIGHT

### Health Care Delivery & Population Health Research



#### Dr. Jennifer Velloza

**Adapting an HIV prevention and mental health intervention to improve the lives of adolescent girls and young women in South Africa**

In collaboration with colleagues from the University of the Witwatersrand in Johannesburg, South Africa, Dr. Jennifer Velloza, PRISE Center faculty, is leading a hybrid Type II implementation-effectiveness trial in Johannesburg to assess preliminary effectiveness of an adapted evidence-based mental health intervention (the “Friendship Bench”) on adherence to HIV prevention medication (pre-exposure prophylaxis or PrEP) and depression symptoms among adolescent girls and young women (AGYW) in primary care clinic settings. The trial will also assess acceptability, appropriateness, feasibility and cost of the integrated mental health and HIV prevention intervention package.

This work is especially important as AGYW in South Africa face high rates of both HIV and common mental disorders, including depression, anxiety and traumatic stress. PrEP, a highly effective HIV prevention approach, is being scaled up in South Africa. However, symptoms of common mental disorders are significant barriers to PrEP use, especially among AGYW. Effective mental health treatment, including The Friendship Bench—a promising evidence-based problem-solving therapy—has the potential to be integrated into and scaled within PrEP health care delivery settings to address mental health challenges and improve PrEP initiation and adherence among AGYW.

In prior work, as part of a K99 grant, Dr. Velloza and collaborators conducted human-centered design research to understand barriers and facilitators around integrated mental health and PrEP intervention delivery. They used study findings (currently in press at JIAS, 2024) to adapt the Friendship Bench intervention and develop implementation strategies relevant to the South African context.

Dr. Velloza’s innovative work has great potential to improve PrEP adherence and mental health among AGYW. Findings from the hybrid Type II trial will lay the ground work for an R01 proposal to test the impact of the adapted intervention package at scale.

# PRISE Center Pilot Grants

**The PRISE Center provided \$72,500 in pilot funding to support three innovative, partnered implementation research projects**

## **Follow the Smoke: Indoor Wildfire PM2.5 Smoke Penetration in Single Room Occupancy (SROs) in San Francisco**

By Neeta Thakur, MD, MPH

**Project Summary:** To date, the majority of wildfire indoor penetration data comes from high socioeconomic communities and single family homes. This project, in collaboration with Brightline Defense, the Heat and Air Quality Resilience Project, and Lawrence Berkeley National Lab placed purple air sensors in residents' units in 3 SROs to measure air quality, and conducted multiple brief surveys via text message to collect data on demographics, health concerns and protective actions taken during perceived poor air quality days.

## **Mortality among SF Behavioral Health Service Clients: The Impact of COVID-19 Shelter-in-Place Orders**

By Christina Mangurian, MD, MAS

**Project Summary:** Clinical observations and programmatic data suggested increased mortality among behavioral health clients in San Francisco beginning in March 2020, when COVID-19 shelter-in-place orders were enacted. This project, in collaboration with San Francisco Health Network's Behavioral Health Services (SFHN-BHS), used interrupted time series to evaluate whether all-cause mortality rates increased among SFHN-BHS clients with an open episode of outpatient behavioral health services between 2018 and 2021, after shelter-in-place orders were implemented.

## **Neighborhood & Building Characteristics**



Building 1 (1908) 4 floors 58 units  
Retrofit with VRF System in 2018



● All buildings located within the SOMA & Tenderloin districts in SF



Building 2 (1918)  
7 floors 197 units



Building 3 (remodeled 2001)  
4 floors 85 units, seniors

Above photo: SROs participating in Follow the Smoke pilot study.

## **Evaluation of the San Francisco General Hospital's (SFDH) Addiction Care Team Intervention for Tobacco Treatment\***

By Maya Vijayaraghavan, MD, MAS, Neal Benowitz, MD, and Marlene Martin, MD, MPH

**Project Summary:** Tobacco use remains the leading preventable cause of death in the U.S., with use rates 2 to 5 times higher among certain populations that often seek care in safety-net settings. This mixed methods study uses the PRISM implementation science framework to explore factors associated with engaging in tobacco cessation among hospitalized patients at SFGH who receive the Addiction Care Team (ACT)'s intervention for tobacco use, a nurse led-model of tobacco screening and treatment.

\*Co-funded with UCSF Center for Vulnerable Populations

## PRISE-HL T32 Program for Post-doctoral Scholars

In March 2023, the PRISE Center was awarded a T32 grant from The National Heart, Lung, and Blood Institute (NHLBI). The Partnerships for Research in Implementation Science for Equity in Heart and Lung Diseases (PRISE-HL) T32 program has an explicit focus on addressing health equity through implementation science research.

The program brings together research mentors and front-line implementers within local healthcare delivery systems and public health programs. We take a multidisciplinary approach to prepare trainees for independent research careers using implementation science methods and health equity approaches to increase the uptake and improve the delivery of evidence-based interventions to prevent, diagnose, and treat heart and lung diseases in clinical and community settings.

### Program Leadership & Management



**Margaret Handley,**  
Program Co-Director



**Neeta Thakur,**  
Program Co-Director



**Adithya Cattamanchi,**  
Program Co-Director



**Tiese Etim-Inyang,**  
Program Manager

## Spotlight on 2023-2024 Cohort Fellows

### Canice Christian, PhD, MsC

Mentorship team (includes ImS and content experts): Dr. Priya Shete, Dr. Adithya Cattamanchi, Dr. Karen Webb



Dr. Christian's implementation science research is focused on understanding the impact of targeted interventions implemented by the State of California and the California Department of Health to mitigate COVID-19 health disparities. Dr. Christian is using the EquiR framework, an equity-based implementation science framework, to assess the impact of equity-focused COVID-19 interventions implemented across five counties: Alameda, San Diego, Sacramento, Nevada, and Merced.

## Spotlight on 2023-2024 Cohort Fellows

### **Alan Zambeli-Ljepovic, MD, MHS**

Mentorship team (includes ImS and content experts): Dr. Doruk Ozgediz, Dr. Peter Stock, Dr. Neeta Thakur



Dr. Zambeli-Ljepovic and collaborators have created the first pediatric surgical risk calculator (SRC) specific for children living in low and moderate-income countries (LMICs). Data from thousands of operations performed at hospitals across 10 LMICs has found discriminating accuracy of about 86% on internal-external validation. Dr. Zambeli-Ljepovic and team are conducting external validation research across 5 hospitals in 3 Countries: Nigeria, Ethiopia and Uganda. After external validation research is complete, the SRC will be calibrated and implemented at participating hospitals to measure its impact on informed consent conversations and clinical outcomes.

### **Elizabeth Ambriz, DrPH, MPH**

Mentorship team (includes ImS and content experts): Dr. Jacqueline Torres, Dr. Maria Garcia, Dr. Margaret Handley



Dr. Ambriz' research focuses on developing culturally tailored interventions to support the successful aging of Latinos residing in rural areas. Dr. Ambriz is using Center for the Health Assessment of Mothers and Children of Salinas (CHAMACOS) cohort study data of midlife Latina women living in a rural agricultural region to develop a culturally adapted version of the Aging Mastery Program (AMP) curriculum in Spanish. The AMP covers 7 central areas of aging—physical activity, sleep, healthy eating and hydration, etc.—and has been widely implemented with demonstrated improvements in physical activity, mental health, and use of advance care planning. Dr. Ambriz' long-term goal is to become an implementation scientist specializing in culturally tailored interventions designed to eliminate racial and rural inequalities in aging.



## SPOTLIGHT

### Training and Applied Methods

## Implementation Science Training for Public Health Researchers & Practitioners

In partnership with the California Department of Public Health (CDPH), the PRISE Center and the UCSF Implementation Science Training program developed and implemented three training activities to build implementation science capacity among CDPH staff.

**Implementation Science Mini Course:** This 14-module online, predominately asynchronous course is offered to all CDPH staff through the UCSF online collaborative learning environment (CLE). This is a foundational course on how to apply implementation science methods in public health research and practice settings.

**Implementation Science Workshops\*:** Four half-day to full-day workshop sessions on select topics designed for CDPH staff who want more focused training in implementation science methods to apply to specific projects.

**CDPH Champion Courses:** Select CDPH staff will be identified to complete three courses in the UCSF Online Implementation Science Certificate Program. The goal is to equip more CDPH staff with the knowledge to use implementation science methods to identify, adapt, implement and evaluate evidence-based interventions in public health practice settings.

### Mini Course Curriculum

Concepts and methods covered include:

- Intro to Implementation Science (ImS)
- Equity in ImS
- ImS theories, models & frameworks
- Qualitative data & mixed methods
- Intro to quasi-experimental study designs
- Intervention planning
- Community engagement
- Human-centered design
- Policy & systems-level change

### Workshop Topics

- Quasi-experimental study designs
- Rapid qualitative methods
- Intervention adaptation
- Rapid cycle evaluation methods

# TRAINING & CAREER DEVELOPMENT

In 2023, the PRISE Center held 8 events on emerging topics of interest to researchers, trainees, staff and community partners using implementation science methods to further health equity.

## 2 Ignite Sessions

Fifty-minute online sessions with brief presentations from implementation scientists working in a range of content areas and service settings on how they've incorporated implementation science into their research and practice, and how they approach integrating equity into implementation science research.

## 3 Online Seminars/Co-Sponsored Seminars

One seminar with Dr. Tashara Leak, PRISE affiliate faculty and Associate Professor in the Division of Nutritional Sciences at Cornell University on fostering partnerships between researchers, community partners and policy makers. Two co-sponsored seminars with CAPS featuring Dr. Margaret Handley on how implementation science can focus on equity, and Dr. Jennifer Velloza on integrated HIV prevention and mental health service delivery for young South African women.

## 1 Community-Academic Partnered Research Workshop

Two-hour online interactive workshop led by Drs. Neeta Thakur and Jonathan Butler focused on community engagement and how to foster strong relationships with community-based research partners. The workshop featured small group break out discussions moderated by UCSF faculty and staff, and a panel discussion with Bay Area community partners.

## 1 AIMs Review Session

One-hour hybrid (online/in-person) grant AIMs review session to provide feedback to trainees and early career faculty on their R01 or K23 applications that include an implementation science AIM.

## 1 Implementation Science & Health Equity Networking Event

In-person networking event for UCSF faculty, staff and trainees interested in building relationships with others using implementation science methods to further health equity.

# FINANCIALS

## PRISE Center Sponsored Projects\*

Grant Title	PI	Funder	Timeframe	Amount awarded to PRISE Center
PRISE-HL T32	M Handley	NIH-NHLBI	March 2023 - June 2028	\$2,343,185
COVID-19 Health Disparities in San Francisco	E Khoong	CDC/SFDPH	June 2021 - May 2024	\$1,358,317
CDPH ImS Training	M Handley	CDPH	Oct 2022 - July 2024	\$899,642
PROTECT EPA Award in Environmental Justice Communities; Aim 4	N Thakur	EPA	Dec 2022 - Nov 2025	\$337,500
Building Capacity for Research to Address Climate-Impacted Health Conditions	N Thakur	PCORI	Dec 2021 - Feb 2024	\$250,000
Support Sisters: Perinatal Community Health Workers	M Thomas	UCAAN	Jan 2022 - Dec 2023	\$239,620
Accelerating Climate Emergency Response to Wildfire Smoke to Improve Health and Resilience; Aim 2	N Thakur leading Aim 2	UCOP	May 2023 - May 2025	\$100,000
Participatory Data Literacy	M Handley	Patrick J McGovern Foundation	July 2021 - June 2023	\$100,000
TOTAL				\$5,628,264

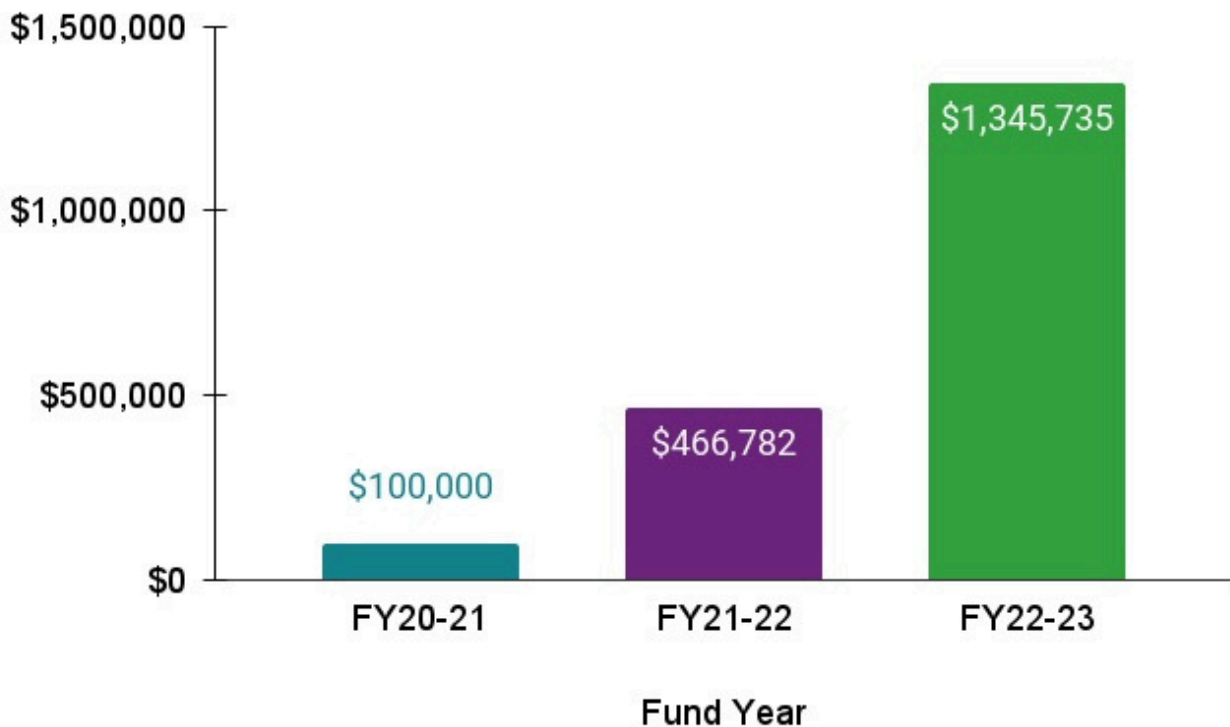
### PRISE Center Sponsored Projects Highlights:

- **Diversified Funding** - federal grants from three sources, state and local awards, and philanthropic gifts.
- **Research Focus Areas** - environmental health and climate justice, COVID-19 health disparities, HIV and mental health, health communication, and perinatal health.
- **Training and Career Development Awards** - to build ImS research capacity.

\*Sponsored projects providing less than \$100,000 not listed.

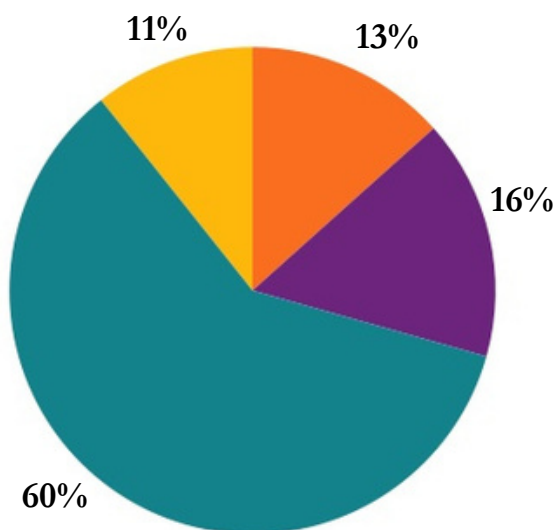
# FINANCIALS

## Sponsored projects expenditures by fiscal year



### FY 21-22

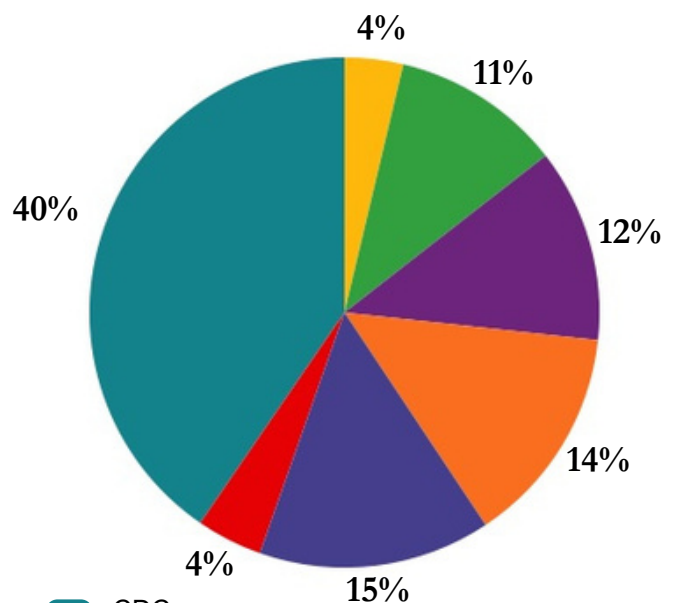
% of total fiscal year sponsored projects expenditures by funder



- Centers for Disease Control (CDC)
- UCLA-UCSF ACEs Aware Family Resilience Network (UCAAN)
- Patient-Centered Outcomes Research Institute (PCORI)
- Patrick J McGovern Foundation

### FY 22-23

% of total fiscal year sponsored projects expenditures by funder



- CDC
- Environmental Protection Agency (EPA)
- National Institutes of Health (NIH)
- PCORI
- UCAAN
- California Department of Public Health
- Patrick J McGovern Foundation



# SELECT PUBLICATIONS

## Applied Methods Publications

<sup>^</sup>Chau D, Parra J, Santos MG, Bastías MJ, Kim R, Handley MA. [Community engagement in the development of health-related data visualizations: a scoping review](#). J Am Med Inform Assoc. 2024 Jan 18.

Handley MA, Santos MG, Bastías MJ. [Working with Data in Adult English Classrooms: Lessons Learned about Communicative Justice during the COVID-19 Pandemic](#). Int J Environ Res Public Health. 2022 Dec 30.

<sup>^</sup>Handley MA, Murphy LD, Sherwin EB, Shade SB. Practical Application of Hybrid Effectiveness-Implementation Studies for Intervention Research. *Submitted for publication, under review*.

<sup>^</sup>Murphy LD, Nguyen A, Morrison A, Bernabe AA, Liao M, Yu W, Thakur N. Building Partnerships to Identify and Address Climate Change Health Effects in Priority Populations. *Submitted for publication, under review*.

Wesson P, Hswen Y, Valdes G, Stojanovski K, Handley MA. [Risks and Opportunities to Ensure Equity in the Application of Big Data Research in Public Health](#). Annu Rev Public Health. 2022 Apr 5;43:59-78. doi: 10.1146/annurev-publhealth-051920-110928. Epub 2021 Dec 6.

Thakur N, Martinez A. [Housing Reparations as an Avenue to Counter the Impact of Structural Racism on Asthma](#). JAMA. 2023 May.

DeDent AM, Collard HR, Thakur N. [Neighborhood Health and Outcomes in Idiopathic Pulmonary Fibrosis](#). Ann Am Thorac Soc. 2023 Nov 14.

<sup>^</sup>Goldman ML, McDaniel M, Manjanatha D, Rose ML, Santos GM, Shade SB, Lazar AA, Myers JJ, Handley MA, Coffin PO. [Impact of San Francisco's New Street crisis response Team on Service use among people experiencing homelessness with mental and substance use disorders: A mixed methods study protocol](#). PLoS One. 2023 Dec 5.

Shah K, Nakafeero J, Kadota JL, Wambi P, Nanyonga G, Kiconco E, Deus A, Sekadde MP, Nabukenya-Mudiope MG, Tukamuhebwa HA, Mupere E, Mohanty S, Cattamanchi A, Wobudeya E, Shete PB, Jaganath D. [The socioeconomic burden of pediatric tuberculosis and role of child-sensitive social protection](#). BMC Public Health. 2023 Nov 25.

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We are immensely grateful to our implementing partners.  
Without your partnership, our work would not be possible!

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# Partnerships for Research in Implementation Science for Equity



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