

Center for Public Health Research  
 Brief Longitudinal Incident Sentinel Surveillance (BLISS) DUNS #1037173360000  
 Year 1: Aug 15, 2022 to July 31, 2023  
 Budget Summary

**A. PERSONNEL**

**B. MANDATORY FRINGE**

1. 0.05 Sr. Supervising Physician Specialist: Willi McFarland, MD, PHD, MPH&TM

Annual Salary \$199,300 @ 0.05 FTE for 12 months = \$9,965

Mandatory Fringe Benefits @ 35% = \$3,488 \$13,453

As Principal Investigator for the NHBS this position has primary responsibility for planning, developing, directing, and evaluating all scientific aspects of the study. This position is the primary liaison with the CDC. This position develops survey protocols, policies, procedures and instruments. This position directly supervises one project director and indirectly supervises Research Assistants. This position works closely with CDC study epidemiologists.

<b>Total Salaries</b>	<b>\$9,965</b>
<b>Total Fringe</b>	<b>\$3,488</b>
<b>TOTAL PERSONNEL:</b>	<b>\$13,453</b>

<b>C. TRAVEL</b>	<b>\$0</b>
<b>D. EQUIPMENT</b>	<b>\$0</b>
<b>E. MATERIALS AND SUPPLIES</b>	<b>\$0</b>
<b>F. CONTRACTUAL</b>	<b>\$161,321</b>

Contractor	Amount
Heluna Health	\$ 117,623
Alameda County Public Health Dept	\$ 26,535
UCSF	\$ 17,163

<b>G. OTHER</b>	<b>\$0</b>
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**TOTAL DIRECT EXPENSES: \$174,774**

<b>H.     INDIRECT COSTS (25% of total personnel)</b>	<b>\$3,363</b>
<b>          TOTAL BUDGET FOR YEAR 2022:</b>	<b>\$178,137</b>

**BUDGET JUSTIFICATION PAGE  
MODULAR RESEARCH GRANT APPLICATION**

**Consortium**

Consortium with **Heluna Health (Yr 1 - 117,623)**

PHFE will provide the staffing for formative assessment and survey data collection. They have demonstrated expertise in this area and have an established relationship with the AIDS Office

**Erin Wilson (Meek), DrPH Co-Investigator**, (effort = 0.6 Cal Mos) is a Senior Research Scientist at the SFPDPH in the Center for Public Health Research and Assistant Professor at the University of California San Francisco in the Department of Epidemiology and Biostatistics. Dr. Wilson has over 10 years of experience working with and conducting research with adult trans women, trans men, and youth. Her research focuses on identifying stigma-related risk factors for HIV infection. She also focuses on describing, and ultimately intervening to reduce HIV-associated health disparities with HIV prevention interventions including pre-exposure prophylaxis, behavioral interventions, peer health navigation, and combination prevention strategies. Dr. Wilson is currently PI of two interventions to increase engagement in HIV care – one among young people in San Francisco and another study focused on trans women of color. She is PI of a study to increase uptake of PrEP among trans women and PI of two prospective social epidemiological studies associated HIV risk among adult and young trans women in the U.S. and globally. Dr. Wilson is currently launching a study of trans women and their sexual partners, an anti-stigma study of trans women in Nepal, an anti-stigma reduction intervention among providers who provide care to trans women in Brazil, and a HIV testing intervention with young trans women in Brazil. She was PI of the first longitudinal social and epidemiological NIMH-funded study of young trans women ages 16-24 and the first HIV surveillance study of trans men in San Francisco. Dr. Wilson will serve as Co-Investigator for the proposed study

**Sean Arayasirikul, PhD Co-Investigator**, (effort = 0.6 Cal Mos) is a medical sociologist, Assistant Professor in Pediatrics at the University of California, San Francisco (UCSF) and Senior Research Scientist at SFPDPH's Center for Public Health Research. Dr. Arayasirikul's mixed methods, intersectional research seeks to understand the social etiology of HIV acquisition, specifically how minority statuses and identities, discrimination and violence exacerbate health disparities. He brings expertise in examining the role of social action theory dimensions, including contextual influences and self-changes processes on health outcomes. His work is at the intersection of developing new behavioral HIV prevention interventions using mobile health (mHealth) technologies and the implementation science of mHealth interventions in clinical and public health settings. His research also explores means to disrupt intersectional stigma and discrimination to address negative health outcomes among marginalized populations including people who use drugs and youth. Dr. Arayasirikul will serve as Co-Investigator for the proposed study.

**HELUNA HEALTH - Other Personnel**

**Caitlin Turner, MPH, PhD Student , Data Manager**, (effort = 0.6 Cal Mos) is a Social Epidemiologist and PhD student in Epidemiology and Translational Sciences at UCSF. She has worked as a data manager on a number of HIV prevention studies at SFPDPH's Center for Public Health Research for over 5 years. As Data Manager, she will be responsible for developing the study databases, programming and testing data collection instruments, establishing data cleaning queries, conducting analyses, and contribute to manuscript writing and dissemination activities in collaboration with the MPIs.

**To Be Hired, Research Assistant**. (effort 2.4Cal Mos) A Research Assistant will be hired through Heluna Health and will report directly to the Investigative Team. The Research Assistant will support study recruitment, retention and data collection activities.

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## **RESEARCH DEVELOPMENT SUPPORT**

**General Supplies, Years 1, (\$3,000):** Costs associated with implementing BLISS during the project period. Required supplies will include but are not limited to HIV testing supplies, tablets, binders, tabs, dividers, binder storage cabinets with locking mechanism, folders, printer cartridges, computer paper, labels, etc. There is also a need for general supplies such as envelopes, file folders/dividers, labels, memo pads, post-its, pencils, pens, staples, paper clips, writing pads, business cards, research file folders, etc. The costs for each year are as follows:

**Participant Stipends, Years 1, (\$23,500):** Participants enrolled into our longitudinal cohort sample (N=600) will complete baseline, 6-month, 12-month and 18-month study visits. For each visit, they will complete a survey interview (\$50), HIV/HCV testing and HCV RNA testing (\$25), hair testing (\$25) for a total of \$100USD for each study visit. Participants will be paid for peer referrals (\$10/referral for up to 5 referrals for a total of \$50).

**Indirect -** Costs for administrative support, calculated at 12.8% of modified total direct costs (MTDC).

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**Consortium**

Consortium with **Alameda County Public Health Department (Yr 1- 26,535)**

**Neena Murgai, PhD, MPH, Co-Investigator** (0.60 calendar months in Years 1-2, and 1.20 calendar months in Years 3-5) is the Director of the HIV Epidemiology and Surveillance Unit at ACPHD. As Co-Principal Investigator for this grant, she has primary responsibility for leading and overseeing all activities related to the implementation of the NHBS cycle among people who inject drugs (PWID) and assessing the feasibility of the regional virtual PWID cohort for ACPHD. This includes developing collaborations with local, state, and federal stakeholders; and overseeing all formative and operational activities to conduct the NHBS in Alameda County. She will participate in regular planning meetings; oversee the ACPHD epidemiologists involved in case surveillance analysis and data management; and oversee the NHBS lead for ACPHD. She will collaborate closely with her SFDPH counterparts on all aspects of NHBS implementation and joint analyses across the two counties.

**Other Personnel**

**TBD, Project Coordinator**, NHBS (1.2 calendar months in Years 1-5) will lead NHBS planning and implementation activities in the HIV Epidemiology and Surveillance Unit at ACPHD. He/she will lead field operations to conduct the NHBS PWID cycle in Alameda County. He/she will participate in regular planning and team meetings; assist in developing collaborations with local, state, and federal stakeholders; lead formative assessment activities; and supervise research assistants conducting data collection. He/she will collaborate closely with SFDPH counterparts on all aspects of NHBS implementation.

**TBD, Data Manager**, NHBS (0.60 calendar months in Years 1-5) will lead NHBS data management activities in the HIV Epidemiology and Surveillance Unit at ACPHD. He/she will participate in regular planning and team meetings; develop and maintain data systems to support NHBS operations and data collection; implement NHBS data quality assurance protocols; and process and submit NHBS data to CDC. He/she will collaborate closely with SFDPH counterparts on all aspects of NHBS data management.

**BUDGET JUSTIFICATION PAGE  
MODULAR RESEARCH GRANT APPLICATION**

**Consortium**

Consortium with **University of San Francisco (Yr 1 - 17,163)**

UCSF will provide support for the work of Dr. Glenn-Milo Santos on the proposed project.

**Dr. Glenn Milo-Santos, PhD, MPH– UCSF Co-Investigator (0.6 Calendar Months for Year 1 through Year 5; salary support requested):** Dr. Santos will work closely with PI Dr. McFarland to advance the proposed specific aims. Dr. Santos has participated in the execution and conduct of 9 NIH-funded intervention trials among people who use drugs, as well as a CDC-funded behavioral study for substance-users. Dr. Santos is the PI of four NIH-funded studies evaluating the efficacy of combination interventions (pharmacologic agents with counseling modalities) among substance-using and alcohol-drinking individuals at high-risk for HIV, and PI of a 5-year NIDA funded supplement evaluating changes substance-use patterns using biomarkers. Dr. Santos was the lead author of a narrative review of interventions for alcohol and substance use, published in AIDS and Behavior, and he was the primary analyst in the first systematic review and meta-analysis conducted on the efficacy of behavioral interventions for amphetamine-group substances, published in The Lancet. Dr. Santos has led numerous analyses and manuscripts; he has co-authored over 100 peer-reviewed articles on the results of pharmacologic trials, predictors of medication adherence, social networks, substance use patterns, and risk-taking behaviors of people who use drugs. He was also part of the editorial board for the United Nations Office of Drug and Crime’s Treatment Guidelines on Stimulant Use and HIV. In addition, he has experience in the safety and monitoring of clinical trials as a member of the UCLA Data Safety Monitoring Board (DSMB) for Addiction Medicine.

For the proposed study, Dr. Santos will bring his considerable expertise in substance use research and research with PWID to this project. Dr. Santos will also oversee in the development of the data collection instruments to monitor and evaluate study outcomes and measures, including development of the ACASI instrument. Dr. Santos will work closely with the Study Coordinator to update the study protocol for proposed activities and ensure adherence to the protocol and integrity of all data collected. He will also contribute to the planning and execution of statistical analyses for the study’s specific aims and exploratory aims. Dr. Santos will also play an active role in disseminating data and study findings by preparing scientific abstracts, manuscripts, and annual reports.

**C. Equipment**

None

**D. Travel**

None

**E. Participant/Trainee Support Costs**

None.

**F. Other Direct Costs**

**UCSF Data Network Recharge (Y1-Y5: \$2,130):**

The data network services recharge or data network recharge is a vital component of the University’s Enterprise Network Services (ENS), which provides funding for critical equipment in support of UCSF’s

electronic information flow. Per agreement signed January 24, 2008 with The Department of Health & Human Services (DHHS), Division of Cost Allocation, (cognizant agency to the University), the University does not disclose ENS costs as F&A pool costs and can charge for ENS costs as direct costs. This cost totals \$426 per year for each year of the grant.

#### **H. INDIRECT COSTS**

University-wide flat indirect rate charged to sponsored projects with DPH at 12% of total direct costs.