

IGHS Center for Pandemic Preparedness and Response Investigator Seed Award

Investigator Seed Award Overview

The Center for Pandemic Preparedness and Response (CPPR) is pleased to announce its inaugural seed award program starting in early 2023. The deadline for initial submissions is March 1, 2023; **the maximum for any individual award in the first round will be \$20,000. Successful awardees can submit for a second-round award of up to \$40,000 in Q3 of 2023.**

Eligibility:

- UCSF faculty in any series in all ranks or appointees to the Professional Research Series may apply. In addition, UCSF Appointees to the Professional Research Series and Librarian Series are eligible.
- Strong preference will be given to early-career applicants and those from under-represented minority groups.
- Proposed projects must address pandemic preparedness and/or response in a location outside of the United States.

Focus Area

CPPR will consider all relevant applications, but will prioritize those addressing one or more of the following topics aligned with CPPR's Pillars of Impact (see Page 3 "About Us"):

- Advance technologies and public health strategies to help predict threats and maximize **readiness** to control emerging epidemics and outbreaks;
- Translate evidence and implement comprehensive countermeasures to enable rapid and effective **responses** to emerging global health threats;
- Create tools and strategies to strengthen public health system **resilience** in the face of threats and disruptions; and/or
- Leverage multidisciplinary **research** expertise to answer critical scientific and operational questions to ensure that our actions are evidence informed and equity focused.

Award Term:

- One year: April 2023-March 2024

Deadline:

- Applications open: February 1, 2023
- Applications close: March 1, 2023
- Awardee notifications: March 25, 2023

Submission

As a single PDF file, please email the documents outlined below to Jessica.celentano@ucsf.edu no later than 5 PM PT on Wednesday March 1, 2023.

Application Instructions

Create a single PDF document containing the following components in the following order:

- **Cover page:** Cover page with title of proposal, amount of funding requested, PI name, academic titles, number of years at UCSF, department(s), phone number(s), email address. Identify the UCSF department that will manage the award along with the finance manager's contact, name, and email.
- **Biosketch:** An [NIH biosketch](#) including personal statement for PI.
- **Current & Pending Support:** All current and pending intramural and extramural research support information for each PI, following the NIH format.
- **Project Description:** In three pages or less provide description of proposed project focused on pandemic preparedness and/or response highlighting scholarly contribution, innovative features, potential impact and contribution to health equity. Figures need to be included in the three pages, but references do not. Please be sure to highlight LMIC partner(s), previous collaboration(s) with the partner, as well as the direct benefit from proposed work to the partnership.

Investigator Seed Award

Application Instructions Continued

- **Budget and Justification:** Detailed budget and justification explaining how the funds will be used (any format acceptable). Please clearly justify all costs. If you have any additional questions on allowable costs for projects, please contact Jessica.celentano@ucsf.edu.

Approach

CPPR is open to all relevant approaches in addressing the above topics; however, applicants must demonstrate that they are working in collaboration with an LMIC partner and demonstrate how the partner will benefit from the proposed work. Preference will be given to those with an existing relationship with an LMIC partner.

Other Terms & Conditions

CPPR will request successful applicants to agree to the following:

- Join CPPR's Advisory Committee with the expectation of attending one two-hour meeting per quarter
- Host a 1-hour brown-bag session for CPPR/IGHS/UCSF attendees highlighting research and/or project foci at some mutually convenient period within the funding cycle
- Provide brief quarterly updates and a final report (details TBD)
- Consult with CPPR's business development team to potentially pursue future funding opportunities

Criteria and Process for Application Review

The scoring committee will be comprised of invited, volunteer CPPR/IGHS faculty and staff. Each committee member will review up to three applications and provide a score and brief, general comments for the proposals using a provided matrix form. Each proposal is scored by at least three committee members. Once all proposals have been scored, the scores and comments will be shared among all committee members and discussed as a group to establish consensus. After discussion, all committee members will submit scores for each proposal and averaged. Scores will be used to select award recipients and distribute funds.

Reviewers will provide brief comments/feedback using a structured Google form with the above sections:

- General critique and summary of the proposal
- **Significance**—does the proposal address one of CPPR's priority areas?
- **Approach**—are methods, study, or implementation design and analysis appropriate? How does the proposal contribute to and/or address global health equity?
- **Innovation**—is the proposed project original and innovative?
- **Investigators**—is the team trained to do the project? Do they have a strong relevant track record? Does the team reflect an approach to DEI? Do they include appropriate co-leadership from the host community?
- **Environment/departmental support**— is there departmental support? Does the applicant have access to the necessary tools?
- **Future potential**—is the project likely to lead to future funding?
- **Budget**—does the budget adhere to grant terms? Any concerns?
- **Partnership** — Does the application demonstrate meaningful partnership with LMIC partner with clear benefit to partner resulting from shared endeavor?

Possibility of Round II Award

CPPR will establish criteria to evaluate possible Round II awards up to \$40k each.

Center for Pandemic
Preparedness and Response



University of California
San Francisco

The Center for Pandemic Preparedness and Response operates unites interdisciplinary experts, multi sector stakeholders, and global partners to deliver positive societal change and impact.

UCSF Center for Pandemic Preparedness and Response



About the Center

The University of California San Francisco's (UCSF) Center for Pandemic Preparedness and Response (CPPR) unites interdisciplinary experts, multisector stakeholders, and global partners in responding to current pandemics and preventing emerging pandemic-related threats.

For the last three decades, UCSF has been leading innovative public health responses, with unparalleled expertise in pandemic science. During the COVID-19 pandemic, the city of San Francisco's civic leadership and health infrastructure collaborated rapidly and effectively with UCSF to realize the most agile public health response seen anywhere in the United States. Building on that track record, CPPR will pilot and scale solutions and lay the

groundwork for evidence-based decision-making in support of global strategies to prepare, respond to, and prevent future pandemics.

Our goals are to **enhance global efforts towards readiness, response, and resilience** to effectively deal with the biggest threats to health systems around the world.

Mission

To respond effectively to current pandemics and prevent future pandemic-related threats, CPPR will translate research into actionable solutions across its four pillars of impact: readiness, response, resilience, and research.

Pillars of Impact



Readiness

Advance technologies and public health strategies to help predict threats and maximize **readiness** to control emerging epidemics and outbreaks.



Response

Translate evidence and implement comprehensive countermeasures to enable rapid and effective **responses** to emerging global health threats.



Resilience

Create tools and strategies to strengthen public health system **resilience** in the face of threats and disruptions.



Research

Leverage multidisciplinary **research** expertise to answer critical scientific and operational questions to ensure that all our actions are evidence-informed and equity-focused.

UCSF Center for Pandemic Preparedness and Response

CPPR's Approach

Equity over all else

With a focus at the intersection of these goals as well as a fundamental commitment to advancing health equity, we maximize the relevance and impact of the solutions developed and deployed by CPPR. Solutions include new models for workforce mobilization and training; surveillance; early detection and modeling; testing and tracing solutions; clinical and health system strategies; innovation and scaling of best practices; improved public information; and ethics and equity frameworks.

Global Connection

The COVID-19 pandemic has made one thing clear: for any crisis that threatens the globe, the problems of any of us are the problem of all of us. Responding to this pandemic, while also preparing for the next, must be coordinated and multidimensional. Only a holistic response based on cross-sectoral collaboration at all levels of society can build the necessary resilience to ensure that the next pandemic is not as devastating as the current one.

Transformative Partnerships

COVID-19 has highlighted the urgent need to reimagine global partnerships that ensure equity and impact, while also allowing us to respond rapidly, anywhere around the globe. To prevent the next pandemic and dismantle the coloniality in global health that undermined our response to this one, demands new models of partnership, new sets of checks and balances, and different epistemological frameworks.

CPPR's Strengths

Expertise

UCSF hosts extensive and world-leading

expertise in pandemic research, including epidemiology, surveillance, informatics, implementation sciences, clinical trials, genomic sequencing, machine learning, policy, and financing.

Innovation

UCSF has pioneered innovative approaches throughout the COVID-19 pandemic, including a whole-city contact tracing program, Statewide pandemic workforce training program and support for digital tools for tracking disease transmission and access to care. UCSF helped to develop San Francisco's reputation as a leader in equity-informed pandemic management and resilience and worked with local and regional partners to help communities respond rapidly. More broadly, UCSF is a global leader in genomic sequencing, drug discovery and clinical trial platforms.

Collaboration

Since the start of the pandemic, UCSF has served as a nexus for collaboration with private sector, national ministries of health, local public health departments and community organizations. Moreover, UCSF has significant global reach, with collaborative partnerships and operating hubs located across the world.

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