



CITRIS SEED FUNDING - COVID-19 RESPONSE

Special Request for Proposal COVID-19 Response

- **Application Deadline:** Friday, April 24, 2020 at 5:00 PM (PDT)
- **Apply:** <http://bit.ly/CITRISCOVID-19RFP>
- **Questions:** seeds@citris-uc.org
- **RFP Liaison:** [Dr. David Lindeman](#), CITRIS

Given the unprecedented circumstances and disruptions related to the COVID-19 pandemic, [CITRIS and the Banatao Institute](#) are soliciting information technology-driven proposals that aim to address the threat across a range of applications.

Objective

Support the rapid development of transformative technology and policy solutions (i.e., hardware, software, data analytics, frameworks) that will address the unfolding range of societal challenges presented by COVID-19. Proposals should have the potential for rapid translation into practice through public or private channels. To spur technology innovation for the benefit of society, CITRIS seed funds are intended to catalyze scalable applications, larger funding proposals, and successful technology transfer.

Note to our Research Community: In order to respond to this rapidly evolving situation, the annual [CITRIS Core Seed Funding](#) call for broader information technology solutions has been [extended](#) to fall 2020. Information and updated timelines are available on our [website](#).

Eligibility & Requirements

- Researchers with PI status on any of the [four CITRIS campuses](#): UC Berkeley, UC Davis (including UC Davis Health), UC Merced, and UC Santa Cruz.
- To encourage nimble solutions, proposals led by an individual PI are allowed. Proposals involving collaboration between PIs from at least two CITRIS campuses are encouraged.

Funding: Up to \$50,000 per project.

- Not for use toward faculty salary or non-resident tuition.
- No indirect costs allowed; Sponsored Projects Office (SPO) authorization not required.

Timeline

Proposals Due	April 24, 2020
Awardees Selected	May 8, 2020
Funds Disbursed	Beginning May 11, 2020 <i>*For non-UC Berkeley Pls: In order to receive funding by early June, intercampus funds transfer information must be correctly entered into the relevant application text field.</i>
Performance Period	June 1 – December 31, 2020

COVID-19 Response proposals may address, but are not limited to:

Detection & Surveillance

- Novel analytics on the threat, vulnerabilities, and spread of COVID-19.
- Innovations to identify and support populations vulnerable to COVID-19 using digital health or machine intelligence — including but not limited to older adults, those with underlying health conditions, and homeless persons.

Treatment Innovations

- Enhanced telehealth methodologies to support healthcare professionals in the diagnosis and care of patients with COVID-19.
- Artificial Intelligence or Machine Learning (AI/ML) predictive analytics to support diagnosis, care and treatment of persons with COVID-19.
- Technology-enabled strategies to support care processes for the healthcare workforce serving persons with COVID-19.
- Innovations in personal protective equipment (PPE) to protect the healthcare workforce.
- Approaches to rapidly manufacture or distribute essential equipment (e.g., [3D printing](#)).
- Use of robotics in healthcare settings to reduce risk to human care providers or otherwise complement their work.
- Development of decision-support methodologies, tracking systems, visualizations, or dashboards for use by clinicians and/or policymakers.

Broader Impacts

- Technology-enabled policy responses to address dis- and misinformation, privacy concerns and surveillance, or communication network analysis to identify the flow and effect of COVID-19-related information.
- Economic effects on the tech sector and future of work within the sector.

Resources for Applicants

- To assist with proposals, we are hosting a [targeted list of COVID-19 resources](#) for researchers and collaborators (curated by Dr. David Lindeman, CITRIS Health Director).