

CTSI Spotlight



Previous Pilot Award Publications

Hsu Heather E, et al. [Race/Ethnicity, Underlying Medical Conditions, Homelessness, and Hospitalization Status of Adult Patients with COVID-19 at an Urban Safety-Net Medical Center - Boston, Massachusetts, 2020](#). MMWR Morb Mortal Wkly Rep. 2020.

Wilson Andrew A, Mühlberger Elke, Emili Andrew, et al. [Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2](#). Mol Cell, 2020.

Jay Jonathan, Raifman Julia, et al. [Neighbourhood income and physical distancing during the COVID-19 pandemic in the United States](#). Nat Hum Behav, 2020.

Taiyao Wang, Ioannis Ch. Paschalidis, et al. [Predictive Models of Mortality for Hospitalized COVID-19 Patients: Retrospective Cohort Study](#). JMIR Med Inform. 2020.

CTSI Pilot Grant Award Program Catalyzes Cross-Institutional and Multidisciplinary Collaboration

To promote the success of investigators at BU and BMC, the Integrated Pilot Award Program provides funding for basic, clinical, implementation, and population health science projects that span the spectrum of translational research. In 2022, we are pleased to report that 46 investigators from across BMC and both BU Medical and Charles River campuses, applied to the Integrated Pilot Award Program sponsored by the BU Clinical and Translational Science Institute (See the [pilot awardees here](#)). Twenty pilot projects were funded that **totaled \$768,305** to investigators across BMC, BUSM Department of Medicine, College of Arts and Sciences, College of Engineering, School of Public Health, School of Medicine, School of Social Work, and Goldman School of Dental Medicine (See [fact sheet here](#)).

We are excited that 75% of these one-year pilot awards **support early career investigators**, with 70% of these awards **advancing multidisciplinary team science** projects within and across the schools/colleges. Three funded projects supported innovative **product development** at an early stage of translation to humans. Five projects focused on research relevant to **special populations** and thematic health issues that comprise a strategic focus of our CTSI and are directly relevant to at-risk populations served by BMC.

The pilot award program seeks to stimulate individual and team science in all areas of translational research related to the prevention, diagnosis, and management of human disease. Awardees are also directly connected to other support mechanisms for their scientific objectives, such as **the Affinity Research Collaboratives**, or programs that support the development of their ideas along the product development timeline ([BU Ignition Award Program](#)).

The program director, [Frederick L. Ruberg, MD](#), Associate Professor of Cardiovascular Medicine is available on a consultative basis to provide potential applicants and awardees with guidance regarding the suitability of their proposed project for a Pilot award or to answer any questions regarding implementation. Pilot awardees are able to access the many CTSI support offerings that may facilitate their projects.

Successful funded applications are projects that are multidisciplinary, collaborative, and/or inter-institutional in all areas of translational research related to the prevention, diagnosis, and management of the human disease. Applicants may request up to \$20K (Direct Cost) with single PI or up to \$50K (Direct Cost) with two or more PI's comprising a credible research team.

Important: The CTSI is accepting Pilot Projects applications for our current Pilot Award Cycle. The application deadline is September 30, 2022. [Start application here](#)

BU CTSI Support

With support from the BU CTSI staff and faculty, participants learn more about and are encouraged to use the [CTSI's Offerings & Resources](#) aimed to help them build their research support networks to ensure the success of their research projects. Participants can also request no-cost research consultations from BU CTSI services at any point during their research study through the [Research Navigator Team](#).