

# Hopkins Population Center

## HPC Call for COVID-19 Recovery Pilot Research

2/11/2022

The Hopkins Population Center (HPC) is issuing a **special call** for timely and critical studies that identify and examine the pressing data needs and research topics that support strategic recovery immediately and long after the disease stops spreading. We aim to fund up to **five** proposals up to \$10,000 in a one-year period. Pilot projects are expected to complete and submit a manuscript to a peer-reviewed journal. Additional funding up to \$5,000 over an additional half-year period can be requested to support external grant seeking efforts including submission of an external grant application. Funding cannot be used for faculty salary support.

The **goal** of this call is to capitalize on HPC's expertise to contribute to successful COVID recovery research, policies and practice in population dynamics and population health. We encourage every HPC Associate to apply. We would especially like to support proposals led by **junior-senior** or **multidisciplinary** teams.

Interested applicants are encouraged to utilize the services of the HPC Development Core and Scientific Core, which provide ongoing scientific, computing, and methodological support to HPC associates (see <https://popcenter.jhu.edu/> for details). In addition, the HPC Data Hub provides US county-day and state-day level aggregates of COVID-19 case, test, and vaccination data; state policies; physical mobilities; health disparities; and socioeconomic inequality data over the course of the pandemic. These are invaluable contextual time-series data for COVID-19 recovery research.

Example research objectives:

- Identify how to leverage existing datasets to inform or design collections of individual panel data on COVID-19 risk and infection, chronic disease, health preconditions, and demographic and social factors necessary to design successful COVID recovery research. Examples include:
  - As part of an ongoing study, collect new COVID-related measures from electronic health records, surveys, or other tools.
  - Pilot innovative approaches to generate measures that can be linked with existing nationally representative panel surveys to study COVID recovery.
- Conduct research on risk and resilience factors for COVID recovery in topics including but not limited to:
  - Mortality, fertility, and migration patterns in the U.S. and world-wide, including cross-national comparisons.
  - Social and health inequality with a focus on vulnerable subpopulations and communities in the U.S.
  - Sexual and reproductive health in the U.S. and the Global South,
  - Family, maternal, and child health using life course and intergenerational perspectives.

Please submit a **one-page Letter of Intent (LOI)** that includes a brief description of the research topic, objectives, data sources, methods, and proposed or desired collaborators. Projects should be able to begin as soon as April 1, 2022 and will need to be completed as soon as possible or before March 31, 2023. The resulting academic paper may pave a way for seeking external funding for further research and HPC will provide additional support for such an effort. **LOI will be accepted from today, reviewed starting from Feb 15** on a rolling basis until five slots are filled. If your LOI is accepted, you will be asked to submit a 2-page proposal with more details on the approach and a brief budget and budget justification. Please email LOI to Lingxin Hao ([hao@jhu.edu](mailto:hao@jhu.edu)), Alison Gemmill ([agemmill@jhu.edu](mailto:agemmill@jhu.edu)), and Emily Agree ([Emily.Agree@jhu.edu](mailto:Emily.Agree@jhu.edu)). Please direct any questions to Lingxin Hao ([hao@jhu.edu](mailto:hao@jhu.edu)).