



Request for Proposals Duke Global Health Institute Pilot Research Data Science in Global Health DEADLINE: November 1, 2021

The Duke Global Health Institute (DGHI) invites interdisciplinary teams led by Duke faculty to submit research proposals in the area of data science and global health.

Research and collaboration around data, machine learning and innovation are important to DGHI, Duke School of Medicine, and Duke University. Through this RFP, DGHI seeks to provide pilot funds to stimulate interdisciplinary research collaborations, with the goal of enabling investigators to leverage preliminary findings and data to obtain larger awards of external funding.

- Collaborative and interdisciplinary proposals are required. We encourage teams to include new investigators, investigators new to global health, and/or investigators from low and middle-income countries, as well as investigators from 2 or more Duke Schools, Institutes, Centers or Departments.
- DGHI is looking for global health research ideas that will improve health equity and benefit hard-to-reach populations, low-resourced areas and partners.
- Applicants should address data governance and data ethics considerations impacting both external collaborators and individuals or populations represented in data. Examples include but are not limited to: governance of data assets; accessibility of data and findings (including data sharing); privacy, confidentiality, and/or other individual rights; equity.
- We encourage innovative approaches where the focus can be either topic based (ie malaria, climate change etc...) or methods based (exploring new methodologies that cut across topics).
- Topic areas which have not previously received support and proposals that support and describe a sustainable line of global health research will be prioritized.

Eligible Applicants

Proposal teams require a Duke faculty PI and/or co-PI. Proposals that include collaborators throughout Duke and/or from other institutions are encouraged.

Budgets

The budget may include: supplies, support for technicians, research assistants, and graduate students; research-related travel; and other justifiable and allowable research expenses. Faculty salary, travel to scientific meetings, and indirect costs are not allowable expenses. Applicants may apply for up to \$25,000 for a 12-month project. Smaller proposals for shorter periods are also encouraged.

Application Requirements

Proposals must be for activities in low, lower- and upper- middle-income countries ¹ (a listing of eligible countries can be found at the World Bank website: <http://data.worldbank.org/about/country-and-lending-groups>) OR focused on health disparities in the American South. Applicants are encouraged to identify collaborating in-country/local investigators, and should describe plans for how the results generated will be applied to future external funding, as this will be an important criterion in the review.

1. Cover Page. Must include the following information:
 - Proposal title
 - Name, title, departmental affiliation, address, email address, and telephone number of all proposed investigators
 - Designation of a Principal Investigator or Co- Principal Investigators
2. Abstract (250 words maximum)

¹ If you wish to propose a global health project that does not include LMIC or American South activities, please contact Kelly Deal (Kelly.deal@duke.edu) to discuss and receive approval from DGHI Research.

3. Research Plan (3 page maximum; single-spaced, 12 point font, 1" margins) including:
 - Statement of research objectives
 - Significance of the research (including significance to DGHI and/or Global Health and to research setting)
 - Proposed methods and plans for data analysis (specific details recommended)
 - Work already completed related to the proposed work (if relevant)
 - Description of the research team and research setting, including site collaboration plan
 - Potential for future external grant support
4. Appendix Materials (1 page maximum each; single-spaced, 12 point font, 1" margins) including:
 - Research timeline and milestones
 - Letter of support from a collaborating researcher at research site (if relevant)
5. Budget and Justification (1 page maximum)
6. NIH Biosketch OR Curriculum Vitae
 - Include current grant support and limit to 5 pages for each investigator

Submission Format

Please combine all required elements into a single pdf document and submit via email to kelly.deal@duke.edu with the subject line of "DGHI Data Science Pilot Grant Submission."

Schedule

Application receipt date: November 1, 2021

Project start date: January 1, 2022

Inquiries

We welcome the opportunity to answer questions from potential applicants. Please submit inquiries related to this funding announcement to:

Kelly Matthews Deal, MPH
Assistant Director, Research
Duke Global Health Institute
Telephone (919) 681-7159, Email: Kelly.deal@duke.edu