

JOHNS HOPKINS MALONE CENTER *FOR ENGINEERING IN* HEALTHCARE

SEED GRANT PROGRAM GUIDELINES FOR 2024

OVERVIEW

The [Malone Center for Engineering in Healthcare](#) is pleased to announce a 2024 call for proposals as part of its Seed funding initiative to support research, to expand collaboration among Center affiliates, and create new collaborations across JHU.

PURPOSE

The Malone Center Seed Grant Program funds collaborative proposals that advance its mission **to catalyze and accelerate the development of research-based innovations that advance the effectiveness and efficiency of health care**. We encourage proposals that will create resources such as data, instrumentation, and methodologies within the Center for the use of all our affiliates. We also welcome proposals that position the principal investigator (PI) for follow-on funding from external agencies, foundations, and/or industry.

ELIGIBILITY

The eligibility criteria include:

- Any Malone Center affiliate may submit proposals to this program. Joint proposals will be privileged.
- Non-Malone Center researchers with ideas that meet program objectives should submit proposals with collaborators from the [Malone Center Faculty](#). A non-JHU researcher can be PI so long as a Malone Center affiliate is co-PI.
- An individual can be PI on no more than **two proposals** submitted to this program. There is no limitation to participate as co-PI, Senior Personnel, or Consultant.

AWARD INFORMATION

- **Application Types Allowed:**
 - New
 - Revision
- **Estimated Number of 2024 Awards***
 - 2 to 3
- **Anticipated Total Funding Amount*:**
 - Up to \$150,000
- **Individual Award Amounts*:**
 - Up to \$50,000 for total project duration
- **Award Project Period**
 - The total project period may not exceed two years

* The estimated program budget, number of awards, and average award size are subject to the availability of funds.

TIMELINE

The Malone Center Seed Grant Committee will review and make award decisions as follows:

- All proposals received before or on March 29, 2024 will be reviewed and considered for funding by May 15, 2024. The start date for awards will be June 1, 2024.

SELECTION CRITERIA

- **Scientific and technical merit of the proposal** - including relevance to MCEH's mission, feasibility of research plan, significance of the anticipated results, and likelihood for successful completion within project period
- **Collaborations** - potential for new, dynamic collaborations or strengthening existing collaborations, particularly across Divisions
- **Extramural funding** - potential for at least one external grant submission through the Malone Center after the period of the seed grant
- **Translational impact** - likelihood of translational impact through clinical application, entrepreneurship, education or policy, particularly advancing the effectiveness and efficiency of health care within JHM

PROPOSAL PREPARATION AND SUBMISSION INSTRUCTIONS

Seed Grant applications must be submitted via email to malonecenter@jhu.edu. Proposals should be formatted as a single PDF file in Times New Roman 10-point or larger font, single line spacing, and one-inch margins.

Required sections include:

- **Cover Page** (1-page limit)
 - Descriptive title of the proposed project
 - Principal investigator's name, institutional and departmental affiliations, email address, and phone numbers
 - List of project participants
 - One paragraph summary of the project
- **Project Description** (3-page limit including figures, tables, etc.)
 - Specific aims
 - Research/work strategy
 - Project timeline
 - Expected new or deeper collaborations with/among Malone Center affiliates
 - Anticipated impact of the project on the healthcare space
 - Plans for project outcomes/tools which could be used in the Center, etc.
 - If applicable, a list of potential submissions to federal agencies, foundations or industry that the proposed work would make likely to be funded. Include relevant funding opportunity announcements (FOAs) and their links.
- **CVs for PIs**- NSF and NIH formats accepted
- **Budgetary Information**
 - Cost Sharing: Inclusion of voluntary committed cost sharing is welcomed.
 - Budget Preparation Instructions: Your budget and budget justification should be limited to 1-page each.

Allowable Expenses:

- Salaries and wages
- Fringe
- Tuition
- Student health coverage (including vision and dental)
- Domestic travel for collaborative meetings only. Project maximum amount for travel is \$1,000 per year. Appropriate documentation must be submitted for all travel reimbursement requests.
- Research supplies
- Human subject research costs (cash, checks, gift cards, etc.)

Unallowable Expenses:

- Equipment (nonexpendable personal property having a useful life of more than one year or an acquisition cost of \$5,000 or more per unit)
 - Foreign travel
 - Unrelated conference registrations and conference-related expenses
 - Participant costs (workshop/conference participation or attendance)
 - Catering costs
 - Indirect costs
- **Applicable Institutional Biohazard, Animal Care, Institutional Review Board (IRB), and Data Trust approvals** must be obtained prior to funding and a copy of approved protocols must be forwarded to the Malone Center email at malonecenter@jhu.edu. Such approvals are needed before funds are released but are **not** required to submit an application.
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REPORTING REQUIREMENTS

- Within 30 calendar days of the end of the grant period, funded PIs must provide a written report on the project results and expenditures, including the following:
 - **Metrics of success** (3-page limit including publications, etc.)
 - Sponsored grant proposals submitted
 - Papers published
 - Students mentored
 - Collaborations established
 - Conference presentations
 - The project team will be expected to give a research presentation at a mutually agreed upon selected Malone Center event.
- Proposals that are rejected for funding may be resubmitted at the next competition cycle, but must be marked as a revised proposal with a statement of revisions.
- Requests for no-cost extensions must be submitted in writing 30 days prior to the end of the grant period to malonecenter@jhu.edu

QUESTIONS

Forward any questions related to the proposal preparation and submission and/or requests for additional information to Kelly Vermandere: kverman1@jh.edu