



## Healthcare Innovation Grant Awards Health@Home Tomorrow Grant

**Application Deadline: November 8<sup>th</sup>, 2024**

**Award Project Period:** 12 months

**Award Amount (up to):** \$30,000

### Background:

The Health@Home Healthcare Innovation Grant Awards are part of the Health@Home strategic research initiative at Stanley Manne Children's Research Institute. Health@Home's goal is to catalyze science that equitably transforms how healthcare is developed and delivered outside of hospital and clinic walls. Lurie Children's faculty and research scientists are invited to submit proposals that advance our understanding of how innovative tools and methods – including digital technology and devices – can improve the health of children and the wellbeing of their families at home and in the community.

### Opportunity:

**The Health@Home for Tomorrow Grant is a \$30,000 award designed for a project aimed at developing a new healthcare intervention not yet in clinical practice or further mature an existing program that is hypothesized to improve a specific healthcare process or outcome.** The scope of the work may include user-design prototyping for early-stage ideas or scientific work to enhance existing interventions as a step towards external research funding.

### Eligibility Requirements:

- Must be a faculty member or other person who has PI-eligible status.
  - Trainees may be involved in the grant at the PI's discretion but cannot apply or act as a PI. See application requirements for details.
- Each investigator may only submit one application per award type as the program lead.

### Area of Focus

- Application of rigorous methods to answer a specific question related to healthcare delivery **outside of hospital or clinic settings**, including <sup>1</sup>:
  - Remote patient monitoring, such as use of physiologic monitoring and/or patient reported outcomes assessments and other survey measures
  - Synchronous virtual visits (“telemedicine”)
  - Asynchronous visits (e.g., electronic chart messaging)
  - Text messaging or other complex chat functions

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<sup>1</sup>If an applicant is unsure their project falls under digital health/telemedicine, please inquire with grant team prior to submission to confirm. See “Questions” on page 3 for more information.

- Medical device development and design
- Simulation/training interventions using novel approaches
- Health care apps or device technologies not otherwise specified
- Inclusion of a pediatric population at some period from infancy through adolescence.
- Awards are not intended to support direct commercialization of health products, but can be used to address design, development or evaluation existing products. Projects using commercial products will be reviewed by the Innovate 2 Impact team to determine appropriateness.
- Proposal focused *solely* on provider workflows, hospital-level care, or clinic-based care will not be considered responsive. However, proposals that use approaches to link healthcare from the hospital or clinic environment to the home and community environments will be considered.

#### **Application Requirements:**

- Letter of Support from Program Leader/Division head addressed to President and Chief Research Officer. The letter should include:
  - The level of commitment (i.e., applicant's protected time for research project)
  - Proposal title and award type
  - Name of the target granting agency for extramural support for the proposed project
- Research summary (30 lines maximum)
- Detailed research plan (Not to exceed 4 pages; citations not included in page length):
  - Background on the topic and problem the project is trying to address
    - Note: the problem should not be a lack of digital solutions but instead be a health/healthcare problem
  - The scholarly question, including a hypothesis when methodologically applicable
  - Specific aim(s)
  - Research strategy (methods)
  - Proposed scholarly products within 18 months of grant receipt including one or more peer-reviewed manuscript and/or grant submission. Applicants are expected to link the output of the proposal to future funding.
  - Timeline
  - Preliminary data, if available
  - Budget (see guidelines below)
  - Budget justification

#### **Application Instructions:**

- Complete application materials must be submitted prior to the deadline using the application link available on the Internal Funding Opportunities webpage.

#### **Budget Guidelines**

- Budgets should be submitted on the Health@Home budget template provided on the Internal Funding Opportunities website.
  - x No indirect costs (F & A)
  - x No travel support to professional meetings
  - x No salary support for investigator or mentor
  - x Funds may not be used for capital equipment
  - ✓ Salary support can be provided for support personnel (i.e., technician, statistician, etc.)
- A budget justification should be included with the application.

- If scientifically appropriate, we encourage budgets to use existing Lurie Children’s tools and infrastructure (if questions, see resources and contact information below). New equipment, software, or builds should otherwise be justified in budget.
- We encourage budgets to account for inclusion of patient-families who use a language other than English when relevant (e.g., costs of translation, bilingual staff approved to conduct research in their language other than English).

**Review Process:**

- Funds are awarded on a merit basis, based on:
  - Significance to child health/health care
  - Methodologic rigor
  - Feasibility to be completed within given timeframe
  - Potential to contribute to the evidence-base (overall impact)
  - Priority will be given to projects with high likelihood of leading to external grant funding and/or aligning with institutional operational priorities
- All applicants will be given detailed comments on their proposal regardless of funding decision.

**Award Conditions:**

- Awards are for a one-year period. A no-cost extension of up to six months may be applied for and granted with specific approval from Manne Research Institute scientific leadership team.
- Appropriate human subject protections approval must be obtained before award commences.
- Primary investigators must participate in quarterly meetings with the Health@Home leadership and Institute’s research navigators to track research progress, address any research barriers, and support subsequent external grant submissions.
- Work should be submitted for peer reviewed publication and/or grant submission within 18 months of grant receipt.
- Progress reports are required at the end of the project period (12 months) and 1 year after the end of the project period.
- Publications and presentations that result from funding should include the following statement, *“Supported by the Stanley Manne Children’s Research Institute’s Health@Home Healthcare Innovation Grant Award at Ann & Robert H. Lurie Children’s Hospital of Chicago.”*

**Inclusion, Diversity, Equity and Accessibility:** Proposals should incorporate meaningful IDEA practices across the project team and proposed activities. This will be a consideration during the programmatic review.

**Applicant Resources:**

We strongly encourage applicants to leverage the following resources for proposal design and budgeting:

- [Smith Child Health Catalyst](#): user-centered design; program evaluation; surveys, interviews, and focus groups; participant recruitment and engagement; quantitative and qualitative analysis; research dissemination.
- [Quantitative Science Statistical Support Services](#): sample size, power calculations, statistical study design; statistical analysis and interpretation; data analytics.
- [Research Navigation Team](#): institutional research guidance, resource linkages.
- [Research Technologies and Platforms](#)
- [List of Approved Software Platforms](#)

**Questions:** For questions about applicability to the award, available platform options, project design and budget please contact Carolyn Foster at [ccfoster@luriechildrens.org](mailto:ccfoster@luriechildrens.org). For administrative questions including the application process and PI eligibility, please contact the Manne Internal Grant Awards team at [ManneResearchInstituteIGA@luriechildrens.org](mailto:ManneResearchInstituteIGA@luriechildrens.org).

Information on PI eligibility is available on the Internal Funding Opportunities webpage.