

**Pediatric Technology Center Research Endowment
Request for Proposals**

Pre-Proposal Deadline: July 1, 2022, 5:00 PM EST

The Children's Healthcare of Atlanta Pediatric Technology Center at Georgia Tech is pleased to announce the availability of 2022 pediatric research seed grants, with one award dedicated to app development and one award dedicated to nursing applications. All seed grants must show potential clinical impact, quality and feasibility of the proposed work, quality and synergism of the team, and identification of key potential pitfalls and alternatives.

GENERAL SEED GRANT PURPOSE: To promote collaborations between Georgia Tech scientists and engineers and Children's Healthcare of Atlanta clinicians in the solving of problems that impact the healthcare of children. This effort is funded by the Georgia Tech Pediatric Research Endowment. Any topic on pediatric healthcare is eligible for submission, with preference given to seed grant proposals that target large, center grants.

APP DEVELOPMENT SEED GRANT PURPOSE: To support the development of smartphone apps and related software for implementation in the clinic or at home with the patient. This opportunity is funded jointly by the Georgia CTSA (Georgia Clinical & Translational Science Alliance) and the Children's Healthcare of Atlanta Pediatric Technology Center at Georgia Tech Endowment. Grant awardees will work with the Innovation Catalyst's AppHatchery (<http://apphatchery.org/>) program to tackle a clinical problem using a patient centered design and development process.

- AMOUNT: \$50,000 for 12 months

NURSING SEED GRANT PURPOSE: Nursing and Allied health providers at the bedside have the finger on the pulse of innovation that may improve patient care. The purpose of this pilot grant is to stimulate new projects through sharing of ideas and building new collaborations and providing support for nursing ideas that may translate to new products for care, as well as for better workflow through process improvement of identifying trends in practice through evaluation of data.

Department of Nursing Research and EBP for Nursing and Allied Health, in partnership with Georgia Tech, will fund a seed grant to a Nursing - GA Tech team to develop and implement project ideas that may translate to improved quality and safety in pediatric patient care.

- AMOUNT: \$50,000 for 12 months

ELIGIBILITY FOR ALL GRANTS: All applications must involve two or more investigators.

- At least one who is a faculty member from Georgia Tech (*for Nursing*, who must serve as Principal Investigator)
 - At least one who has a primary faculty appointment in the Emory Department of Pediatrics (DOP) **OR** Is on the professional staff at Children's Healthcare of Atlanta (Children's). This includes those Emory faculty who are outside of the Emory DOP or employed by the Pediatric Institute and who are on Children's professional staff, as well as all non-faculty clinicians on Children's professional staff.
 - *For Nursing:* At least one who is employed as a registered nurse, advanced practice provider (NP or PA-C) or Allied health professional (e.g.: PT/OT, Speech, Audiology or Music Therapy, Nutrition, Canine Therapy, Interpreter, Social Work or Child Life) at Children's Healthcare of Atlanta

REQUIREMENTS: The principal investigator(s) must: To apply

- All applicants should submit a pre-proposal no later than 5pm on **Friday, July 1, 2022**.
- The pre-proposal is limited to 2 pages and must follow the format of Exhibit 2. The pre-proposal should be emailed to erin.henderson@ptc.gatech.edu.
- Submit a progress report to the Children's Healthcare of Atlanta Pediatric Technology Center at six months and one year of the project.
- Submit a related application for extramural funding within one year of the end date of the pilot project.
- Proposal budgets must include administrative support and data support as needed.
- If PHI data support is needed please contact Richard Starr via email at rstarr7@gatech.edu.
- If your project has a software component reach out to Leanne West at lwest@gatech.edu or Eric Goldstein at Eric.Goldstein@choa.org.
- If your project has a hardware component that will be used in contact with patients at Children's Healthcare of Atlanta, please reach out to Emily Blum with GCMI at eblum@devices.net.
- If you need assistance in finding a Co-PI from the other institution, please reach out to Leanne West at lwest@gatech.edu.
- *For Nursing:* Please contact Dr. Christina Calamaro, Dept of Research for Nursing and Allied Health (christina.calamaro@choa.org) or Leanne West (lwest@gatech.edu) for guidance prior to submission.
- *For App Development:* Please contact Morgan Greenleaf (morgan.greenleaf@emory.edu) to discuss appropriate app development scope
- For questions about the submission process, please contact Erin Henderson (erin.henderson@ptc.gatech.edu).

PRE-PROPOSAL REVIEW

Pre-proposal review will be conducted on July 20, 2022, by a team of subject matter experts to identify the proposals with the highest likelihood of being funded. Selected will be invited to submit a full proposal by August 26, 2022. ALL proposals will receive feedback from the initial review.

FULL PROPOSAL

- Full proposals will be due by 5pm on **August 26, 2022**.
- Specific quarterly milestones must be defined in the full (five-page) application.
- Review panels will follow scoring guidelines based on those used by National Institutes of Health.
- The Leadership Team will make final funding decisions regarding each project.

TIMELINE:

- July 1, 2022: Pre-proposals Due
- July 25, 2022: Notifications to Submit Full Proposals
- August 26, 2022: Full Proposals Due
- October 10, 2022: Notifications on Final Selections