

Michigan Medicine
Department of Pediatrics
INTRAMURAL RESEARCH FUNDING PROGRAM
Winter/Spring 2024
CALL FOR APPLICATIONS
Submission deadline: April 1, 2024

The Department of Pediatrics manages a portfolio of philanthropic funds designated to support research in pediatrics. These funds are disseminated twice annually (Winter/Spring and Summer/Fall) through a peer-reviewed competition program.

The Department of Pediatrics is now inviting applications for the Pediatric Intramural Research Funding Program Winter/Spring 2024 cycle. Applications for the following internal funding opportunities will be accepted from faculty members with primary appointments in the Department of Pediatrics.

Eligibility

- Only faculty with primary appointments in the Department of Pediatrics are eligible to serve as Principal Investigators
 - Exception: Faculty from other U-M Medical School departments may submit applications for the Charles Woodson Collaborative Research Award under an MPI format with Department of Pediatrics faculty
 - The Charles Woodson Collaborative Research Award has its own separate RFA—please refer to the separate RFA for details
- Residents and fellows are not eligible to serve as Principal Investigators
- Faculty may submit only one application per cycle, as Principal Investigator (or MPI on a Charles Woodson Collaborative Research Award); however, a Charles Woodson Biostatistics Award application may be submitted in addition to the single application
- Applicants may resubmit revised applications that were not funded in the prior cycle

Funding Restrictions

- Unless otherwise stated, funds may be used for University of Michigan research staff salary support, supplies, and research equipment
- Award funds may **not** be used to support any U-M faculty member, cost overruns or retroactive funding, publications, grant preparation costs, travel, hosting, annual membership dues, renovations, office equipment, GSRA tuition, external collaborator or consultant salaries, or indirect (facility and administrative) costs (F&A)
- Clinical trials that require a billing calendar are **not** eligible for funding
- Projects that involve collaboration, shared funding, or data sharing with commercial entities (i.e., academic-industry partnerships) are not eligible for funding
- This intramural award program is **not** designed to provide sustained infrastructure support for new or established clinical programs

Human Subjects / Animals

Funds for research proposals that require approval by the U-M Institutional Review Boards (IRB) or Institutional Animal Care & Use Committee (IACUC) can only be released after documentation of IRB or IACUC approval is provided to the Pediatric Research Office, along with any substantial changes to the proposed research required by the IRB or IACUC.

Note: Regulatory approvals must be acquired within 6 months of award notification; grants may not have a “delayed start” past 6 months.

Project Period(s)

All intramural awards will have an end date by which funds must be expended.

- Awards < \$30,000 must be expended within 1 year of disbursement of funds
- Awards ≥ \$30,000 must be expended within 2 years of disbursement of funds
- Faculty may request a 1-year extension beyond these time periods; written requests for extensions must be submitted to the Pediatric Research Office for approval 3 months prior to the award end date
- Funds not expended within the award project period will be returned to the Department of Pediatrics
- Awards are not transferable to other investigators

Reporting

Awardees are required to:

1. submit post-funding progress reports
2. acknowledge the funding mechanism in research publications or presentations, and
3. present research at the annual Pediatric Research Symposium

Review

The review committee currently includes Dr. Ryan Barbaro, Dr. Melissa Cousino, Dr. David Olson, and Dr. Jordan Shavit. Each application is reviewed by at least two committee members, and, for major awards (\$30,000 or more), committee members may request supplemental reviewers. Committee members score each application, excluding applications with specific conflicts. Scores are provided to Dr. Donna Martin, Department Chair; she and Dr. Olson, Associate Chair for Research, make final award decisions.

Award Mechanisms

Award	Amount	Intent/Requirements
<i>Mechanisms only for mid-career or junior faculty in the Department of Pediatrics:</i>		
Gorman Scholar Award	\$15,000	Must be at the rank of instructor, assistant professor, or associate professor; potentially renewable for an additional year; must lead to submission of a new external grant application within 18 months
Janette Ferrantino Investigator Award	\$40,000	Must be at the rank of instructor or assistant professor and be within the first three years of appointment at U-M; potentially renewable for an additional year
Elizabeth E. Kennedy (Children's Research) Award	\$20,000- \$50,000	Must be at the rank of Lecturer, Instructor, or Assistant Professor; areas of particular interest include developmental biology, genetic and translational research
Department of Pediatrics Nephrotic Syndrome Pilot Research Award	\$15,000- \$25,000	Must be at the rank of lecturer or assistant professor; <u>goals</u> : to stimulate nephrotic syndrome (NS) discovery, increase the likelihood for extramural funding, and facilitate faculty career development; <u>research focus</u> : clinical or translational research that (1) focuses on primary or genetic NS in native or transplant populations and (2) leverages data, specimens, and/or infrastructure of the NS Study Network
<i>Mechanisms for faculty of any rank with a primary appointment in the Department of Pediatrics:</i>		
Charles Woodson/Children's Health Pilot Research Award	\$15,000- \$30,000	Supports high-merit, innovative pilot projects in children's health research
Charles Woodson Biostatistics Award *	Up to \$10,000	Supports specialized biostatistical consultation within U-M that is outside the scope of available Department support/services
Pediatric DEI Research Award	\$15,000- \$30,000	Supports new research efforts to reduce disparities in health care delivery for children and adolescents and to optimize long-term outcomes for the most vulnerable pediatric populations
James and Lynelle Holden Research Award	\$15,000- \$25,000	Supports newborn research or research being conducted within the Holden Research Laboratories
Amendt-Heller Award for Newborn Research	\$15,000- \$50,000	Supports newborn research
Benz Birth Defects Research Award	\$15,000- \$50,000	Supports birth defects research
Nancy Newton Loeb Pediatric Cancer Research Award	\$25,000- \$50,000	Supports cancer research
Gracie's Fund – Leukemia Research Award	\$20,000- \$50,000	Supports leukemia research (especially relapsed and complicated leukemias)
Barwick Scholar Award for Spinal Cord Research	\$15,000- \$50,000	Supports spinal cord research that will advance care/outcomes of children with spinal cord injuries

Application Guidelines

Research Proposal (*single-space, 0.5" margins; Arial 11-point font; no appendices will be accepted*):

Submit/upload application as a single PDF via <https://umms.infoready4.com/#competitionDetail/1930743>

Application Element	Page Limit	Instructions
Cover Page	None	Indicate: (a) project title; (b) applicant name, academic title, date of appointment to Department of Pediatrics; (c) contact information; and (d) targeted funding mechanism(s)
Introduction to Revised Application	1	Provide responses to the prior reviews, if applicable (i.e., for re-submissions). Reference the prior reviewers' comments when providing responses.
Proposal Narrative	4	<ul style="list-style-type: none"> • Specific aims and hypotheses (~1/2 page) • Background and significance (~1-1.5 pages): Explain why the problem is important, what is known about the problem already, what is not known, and how your proposal will fill these gaps • Methods/Approach (~2-2.5 pages): Attend to potential pitfalls and limitations and how you will address these
Impact Statement	½	Describe how the funds will support the development of your independent research program or a new clinical research initiative. <ul style="list-style-type: none"> - If the work is intended to lead to extramural grant applications, please include the extramural award submission plans and how this work will strengthen applications. - If the work is intended to support a new clinical research program, provide details about the potential impact on your career/your division/the department.
Lay Summary	4-6 sentences	Lay summary that will be shared with donors and the public
Budget	1	Describe how the funds will be used, including supplies and personnel; provide detail regarding the percent effort of personnel. <i>Follow funding restrictions noted above.</i> <u>Biostatistical support:</u> If the budget includes effort for a biostatistician, please explain why it is necessary to use a biostatistician outside of the department biostatistics program (Pediatrics Biostatistics and Data Management Unit), or time (20 hours/year) beyond that available at no cost to faculty. If a statistician from another department is requested, also provide information regarding costs if the cost exceeds the cost of department statistical support (~\$41/hour). Please explain the anticipated number of hours required for the statistical analysis and provide a robust justification for this estimate.
Literature Cited	1	
Biosketches	5 per bio	Prepared in NIH style; include bios of PI and all co-investigators
Other Active/Pending Support (simplified)	None	List active and pending funding, including the requested intramural support, and indicate whether the intramural support, if granted, would overlap** with other active or pending support.

* **Charles Woodson Biostatistics Award:** Proposal narrative has a 2-page limit. Specify background and objectives, overview of data set to be analyzed, information about prior and ongoing statistical consultation, anticipated results and implications, and list of collaborators.

** **Overlap:** The topic area can be the same, but budgets must be clearly independent.

Questions? For more information:

Web page - [Pediatrics Intramural Funding Opportunities](#)

Intramural Funding Administrative Team - Ped-Intramural-Admin@umich.edu, 734-615-1740

Cathy Mizgerd - cmizgerd@umich.edu, 734-998-0847