

**Michigan Medicine
Department of Pediatrics**

INTRAMURAL RESEARCH FUNDING PROGRAM – Summer/Fall 2021

CALL FOR APPLICATIONS Submission deadline: October 12, 2021 (12:00 PM / Noon)

The Department of Pediatrics manages a portfolio of philanthropic funds designated to support research in pediatrics. These funds are disseminated twice annually through a peer-review competition program.

Funding and Implementation Policies

Eligibility:

- Only faculty with primary appointments in the Department of Pediatrics are eligible to serve as Principal Investigators (*with exception of the Charles Woodson Collaborative Research Award, see separate RFA*).
- UM faculty from other Medical School departments may submit applications for the Charles Woodson Collaborative Research Award under a MPI format with Pediatrics faculty (*see separate RFA*).
- 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 UM 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 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 IRB or IACUC approval will not be released until 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 '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 that are not expended within the award project period will be returned to the Department of Pediatrics.

Reporting: Awardees are required to submit post-funding progress reports, acknowledge the funding mechanism in research publications or presentations, and present research at the annual Pediatric Research Symposium.

Review: The review committee currently includes Drs. Renée Shellhaas, John LiPuma, Dave Olson, and Faye Silverstein. 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 all score each application (excluding applications with specific conflicts), scores are provided to Dr. Martin, and she and Dr. Olson 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	\$30,000	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 the University of Michigan. Potentially renewable for an additional year.
Elizabeth E. Kennedy (Children's Research) Award	\$20,000-\$50,000	Must be at the rank of 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 Instructor or Assistant Professor. Goals: to stimulate nephrotic syndrome (NS) discovery, increase the likelihood for extramural funding, and facilitate faculty career development. Research Focus: Clinical or translational research focused on primary or genetic NS in native or transplant populations that 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 UM 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 spaced, 0.5" margins; Arial 11-point font; no appendices will be accepted.*)

Submit/upload application as a single PDF via **Competition Space**.

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. 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. 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> Biostatistical support: 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	No limit	Include dollar amounts, % effort, start/end dates of all current grants and submitted applications.

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

Contact/Questions:

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(website/link) [Pediatrics Intramural Funding Opportunities](#)

<https://medicine.umich.edu/dept/pediatrics/research/intramural-funding-opportunities>