

Injury Prevention Research Center at Emory (IPRCE) Pilot Research Program (PReP) Call for Proposals, 2021/2022

The Injury Prevention Research Center at Emory (IPRCE) seeks to reduce the burden of injury in Georgia and the Southeast. To realize this goal, the IPRCE Research Core's Pilot Research Program (PReP) seeks to fund pilot grants led by Emory faculty that will catalyze and advance IPRCE priorities and priorities of the Center for Disease Control and Prevention's National Center for Injury Prevention and Control (NCIPC) in falls, traumatic brain injury (TBI), opioid and other drug safety/overdose prevention, violence prevention, and transportation injury prevention.

Successful PReP proposals will address one or more of the CDC NCIPC research priorities: <https://www.cdc.gov/injury/pdfs/researchpriorities/CDC-Injury-Research-Priorities.pdf>

For an overview of CDC's updated research priorities for overdose prevention, please see here: <https://documentcloud.adobe.com/link/review?uri=urn:aaid:scds:US:19f00006-e276-4bf4-8e4c-6dffa56fbb89#pageNum=1>

Applications should be designed to build the foundation for a future major, externally funded (e.g., NIH R01) grant that will advance NCIPC and IPRCE priorities. We are seeking projects that have a high potential to generate future externally funded grants. Examples of projects include, but are not limited to, mining existing Georgia Department of Public Health data, developing a novel measure, and translating an intervention to suit a novel population or setting.

We will prioritize projects that:

1. Have a dual Principal Investigator (PI) structure that pairs an Emory faculty member with an injury prevention practitioner from a state department of public health.
2. Study cross-cutting violence prevention.
3. Involve interdisciplinary collaborations between an Emory faculty and an investigator from the discipline of engineering.
4. Are led by or significantly engage (e.g., as a co-investigator) a collaborator from the Nell Hodgson Woodruff School of Nursing faculty.

Proposed projects can have more than one PI. In these cases, PI roles must be distinct.

I. Eligibility Criteria

To be eligible for a PReP grant, at least one of the PIs must be a faculty member at Emory. We will prioritize the following Emory investigators:

- New investigators, defined as "investigators who have not previously received substantial, independent funding from NIH" (<https://grants.nih.gov/policy/early-investigators/index.htm>)

- Established investigators who have not yet received funding from the CDC or NIH to study an injury-related health outcome
- Investigators who are members of an IPRCE task force. Task force focus areas include prevention of: Overdose, Falls, Transportation Injury, Traumatic Brain Injury, and Violence. Task forces meet monthly. For more information see <http://iprce.emory.edu/task-forces/index.html>. To be added to a task force e-mail list or to join a task force, contact Sharon Nieb (snieb@emory.edu)

Individuals who are members of the IPRCE leadership team or are currently Principal Investigators funded by IPRCE's Research Core will not be eligible for PReP funding. They may, however, choose to donate their time to a project.

II. Funding

- Base award amount: \$25,000 to \$50,000 in total costs, including indirect costs at the full federal rate. Please note that the base award is derived from federal funds so the Emory negotiated indirect cost (IDC) rate of 56% should be applied to the base award and any subcontracts.
- Projects that advance one or more of priorities #1-#4 listed above will be eligible for an additional \$10,000 beyond base award funding. In addition, one project per year that is led or co-led by tenured or tenure-track investigators with primary appointments in the Nell Hodgson Woodruff School of Nursing will receive an additional \$25,000 in direct costs.
 - Note on priority funding: Any funding provided for advancing priorities #1-4 (including the SON faculty member) should not have indirect costs assessed and will be provided separately from the base award. This funding should support a discrete activity complementary to the base award (e.g., involvement of an IPRCE core faculty member, or participation from a School of Nursing faculty member).
- Award duration: 12-18 months, with a possible no-cost extension. Pilot grants are non-renewable.

III. Application Process

Key dates

- Letters of Intent should be submitted via an online Qualtrics survey form (https://rsph.co1.qualtrics.com/jfe/form/SV_5c1TrlqQxWmF6wC) by September 3 at 5pm EST.
- By September 17, Letters of Intent will be reviewed and a subset of applicants will be invited to submit a full proposal.
- Virtual Pre-Review Meetings will be held the week of October 11 via Zoom.

- Full proposals should be submitted to Marielysse Cortés via email (marielysse.cortes@emory.edu) by November 22 at 5pm EST. Each submission should be a single PDF.
- Awards will be announced in January.

Letter of Intent

Letters of Intent (LOIs) are required and are due September 3 at 5pm EST. LOIs will be submitted via an online Qualtrics survey form (https://rsph.co1.qualtrics.com/jfe/form/SV_5c1TrlqQxWmF6wC) and will include the following:

- Title of the project
- The name(s) and email address(es) of the Principal Investigator(s)
- Names and affiliations of the co-investigators, if any
- Identify the specific CDC NCICP research priority your project is responding to (<https://www.cdc.gov/injury/pdfs/researchpriorities/CDC-Injury-Research-Priorities.pdf>) and explain why your project is responsive. (For an overview of CDC’s updated research priorities for overdose prevention, please see here: <https://documentcloud.adobe.com/link/review?uri=urn:aaid:scds:US:19f00006-e276-4bf4-8e4c-6dffa56fbb89#pageNum=1>)
- A 30-line abstract of the proposed project
- Required reviewer expertise
- Suggested reviewers. Reviewers should be from Emory or the CDC and must be arm’s length. An “arm’s length” reviewer is someone who has no recent personal connection with the applicant (e.g., has not served as a mentor, collaborator, or advisor in the past 5 years).
- NIH biosketches for all faculty investigators; CVs are acceptable for non-academic collaborators

Virtual Pre-Review Meeting

A Virtual Pre-Review Meeting will be held the week of October 11. In these meetings, the PI will present an overview of the proposed study to a review panel and receive feedback from reviewers about how to strengthen the proposed study’s significance, innovation, methods, investigative team, impact, and alignment with IPRCE and NCIPC priorities. Applicants are asked to email their PowerPoint slides to Marielysse Cortés (marielysse.cortes@emory.edu) the morning of the meeting.

Proposal

Proposals are due November 22 at 5pm EST and must include:

- Title of the project
- Identify the specific CDC NCICP research priority your project is responding to (<https://www.cdc.gov/injury/pdfs/researchpriorities/CDC-Injury-Research-Priorities.pdf>) . (For an overview of CDC’s updated research priorities for overdose prevention, please see here: <https://documentcloud.adobe.com/link/review?uri=urn:aaid:scds:US:19f00006-e276-4bf4-8e4c-6dffa56fbb89#pageNum=1>)
- A 30-line abstract of the proposed project (Arial, 11-point font; 0.5-inch margins; single spaced)
- Aims: 1 page (Arial, 11-point font; 0.5-inch margins; single spaced). The aims page should follow the NIH format for specific aims (<https://grants.nih.gov/grants/how-to-apply-application-guide/forms-e/general-forms-e.pdf>, page G-142). We also ask that you explicitly describe how achieving your aims will advance a specific CDC/IPRCE priority.
- Research strategy: 6 pages (Arial, 11-point font; 0.5-inch margins; single spaced). The Research Strategy must follow the NIH R03 structure (<https://grants.nih.gov/grants/how-to-apply-application-guide/forms-e/general-forms-e.pdf>, page G-143) with sections on significance, innovation, and approach as well as the following enhancements:
 - The significance section must describe how the proposed study will address one or more of the CDC NCIPC research priorities;
 - The research strategy must include a timeline of key milestones and describe the feasibility of achieving each milestone;
 - The research strategy must describe ≥ 1 manuscript that the PReP project will generate and identify a target journal;
 - The research strategy must include a section on ≥ 1 proposal that the PReP project will generate and illustrate how it aligns with the strategic plan or existing call for proposals of a major funding agency.
- References (not included in the page limit for the Research Strategy)
- Biosketches for all academic investigators; the “personal narrative” and “contributions to science” sections of each biosketch must be tailored to the proposal and illustrate why each team member is appropriate to their role. The personal narrative section should note whether the PI is a new investigator or an established investigator who is new to the topic. CVs are acceptable for non-academic collaborators.
- Proposals led by >1 PI must include a “Multi-PI Leadership plan,” per PHS 398 guidelines. The Leadership plan requirements can be found here: https://grants.nih.gov/grants/multi_pi/sample_leadership_plans.pdf
- Budget justification

- Itemized budget – Budgets should be completed using the NIH PHS 398 budget form page 5. Budget forms can be found at <https://grants.nih.gov/grants/funding/phs398/phs398.html>
- Please submit the proposal as a single PDF document.
- When labeling the final PDF document, please include the PI's last name in the file title.

Review Process

- Reviews will be conducted by a panel of arm's length experts. Reviewers will assess the proposed project's potential impact, significance, innovation, approach, and investigative team to assess the merits of each application, and also its potential to support the development of future high-impact externally funded projects.
- Reviewers will provide written comments for all proposals.

Release of Funds

Before each Notice of Grant award can be released, the PI(s) must:

- Supply IRB approval or a letter indicating exemption.
- Agree to cite the grant on all publications and presentations generated by the pilot grant.
- Agree to submit a progress report at the midpoint of the grant, and a final report at the end.
- Agree to present to IPRCE Task Forces and other relevant committees.
- Agree to meet bimonthly with scientific leaders of other funded research core projects.

Extramural Proposal Review

An Extramural Proposal Review will be held to help PReP PIs successfully compete for new funding. The Core will organize mock reviews of proposals in progress, in addition to providing opportunities to workshop developing proposals during bimonthly meetings.

All federal and university rules and regulations regarding the administration of grants apply to these funds.

Please contact Marielyse Cortés (marielyse.cortes@emory.edu) with questions.