



PILOT AWARD APPLICATION INSTRUCTIONS

Collaborative and Multidisciplinary Pilot Research (CaMPR)

Collaborative and Multidisciplinary Pilot Research-Integrating Special
Populations (CaMPR-ISP)

Winter 2023 Application Instructions

Winter 2023 Irving Institute CaMPR/CaMPR-ISP Application Instructions

Collaborative and Multidisciplinary Pilot Research (CaMPR) CAMPR-Integrating Special Populations (CaMPR-ISP)

INTRODUCTION

[The Irving Institute for Clinical and Translational Research \(Irving Institute\)](#), home to Columbia University's [Clinical and Translational Science Award \(CTSA\)](#) Program hub, is one of over 50 medical research institutions across the nation that work together to speed the translation of research discovery into improved patient care. The Irving Institute offers dynamic and innovative pilot award programs that fund novel, high-impact work and empower junior investigators and new multidisciplinary teams in translational and clinical research.

PILOT AWARD OVERVIEW

The Irving Institute is accepting applications for the Collaborative and Multidisciplinary Pilot Research (CaMPR) and CAMPR-Integrating Special Populations (CaMPR-ISP) pilot award program. The CaMPR/CaMPR-ISP program focuses on the innovative assembly of teams to gather preliminary data to address unresolved clinical, translational and public health problems (at the cellular, individual, or community level) with novel approaches informed by interdisciplinary and multidisciplinary collaboration.

We anticipate funding up to four (4) grants of \$40,000 each that will begin in June 2023, to support the activities of novel, cross-disciplinary research teams involving both senior and junior faculty. Successful applicants are expected to implement plans to publish findings and to acquire future funding based on CaMPR award findings.

The program's goals are to:

1. support multi- and interdisciplinary research;
2. train and mentor a new generation of multidisciplinary, translational research investigators;
3. expand and optimize the utilization of outstanding new and existing resources at Columbia University;
4. support pilot work with the clear goal of submitting an NIH or other extramural proposal; and
5. support strategic areas of focus, including special populations (pediatrics, geriatrics, rare diseases, and emerging pathogens in our community).

Applications will be accepted in two programs areas: CaMPR and CaMPR-ISP.

	Collaborative and Multidisciplinary Pilot Research (CAMPR)	Collaborative and Multidisciplinary Pilot Research -Integrating Special Populations (CAMPR-ISP)
<i>PROGRAM OVERVIEW</i>	The Irving Institute's Pilot and Collaborative Studies Resource (PCSR) offers the CaMPR program to support the formation of investigative teams in multi- and interdisciplinary research across all stages of the translational science spectrum from basic research to public health.	The Irving Institute's Integrating Special Populations (ISP) Resource offers the CaMPR-ISP program to support the formation of investigative teams aimed at studying diseases across the lifespan and utilizing rare diseases as tools to study more common ones, at CUIMC and within the community. The ISP goals are to foster collaborations both within each special population and across special populations that will: <ul style="list-style-type: none">○ Provide expertise necessary to study diseases across the lifespan,○ Utilize rare diseases as tools to study more common diseases,○ Increase the breadth of dissemination of the results of these

Winter 2023 Irving Institute CaMPR/CaMPR-ISP Application Instructions

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		<p>efforts, with the goal of further increasing collaborations among investigators within and across the special populations, and</p> <ul style="list-style-type: none"> ○ Create culturally sensitive engagement, recruitment, and educational tools to facilitate ISP-based research in Washington Heights/Inwood/Harlem/The Bronx.
<i>PROGRAM REQUIREMENTS</i>	<ul style="list-style-type: none"> ● Projects must involve faculty collaborations across at least two departments at Columbia University. <ul style="list-style-type: none"> ○ Faculty/Investigators from New York Presbyterian Hospital (non-MD health professionals) may also apply, providing collaborators are from a CU school. ● Projects must identify a target follow-on funding mechanism (e.g., R01). 	<ul style="list-style-type: none"> ● Projects must be focused on at least one of the following special populations: <ul style="list-style-type: none"> ○ Pediatrics, ○ Geriatrics, ○ Rare Diseases, or ○ Emerging Pathogens in our Community. ● Projects must identify a target follow-on funding mechanism (e.g., K or R01).
<i>PROGRAM PRIORITIES</i>	<p>The following program priorities are encouraged:</p> <ul style="list-style-type: none"> ● Projects that are collaborations <u>across schools</u> at the Columbia University Irving Medical Center, Morningside, or Manhattanville campuses. ● Projects that are new collaborations and bring together faculty from diverse disciplines <u>who have not previously been involved</u> as co-investigators. ● Projects that involve junior faculty members, preferentially serving as principal investigator. ● Projects that are in novel areas for the principal investigator. 	<p>The following program priorities are encouraged:</p> <ul style="list-style-type: none"> ● Projects with principal investigators who are junior investigators. ● This cycle we will prioritize projects that focus on health issues of importance to the communities of Washington Heights/Inwood/Harlem/The Bronx and that meaningfully engage patients or other relevant members of the community.

Special consideration will be given to:

- PIs that have not yet been awarded R01s.
- Projects that include research plans reflecting alignment with the [Irving Institute commitment to Diversity, Equity, and Inclusion](#).
- Applications from Principal Investigators and/or teams from [underrepresented groups](#).

Winter 2023 Irving Institute CaMPR/CaMPR-ISP Application Instructions

ELIGIBILITY

- Principal investigator(s) must have a faculty appointment at Columbia University of assistant professor or higher.
- Postdoctoral fellows and residents are not eligible to apply as Principal Investigator.
- Teams are limited to no more than six investigators.
- Although senior leaders of the Irving Institute may be consulted during the preparation of the application, they should not be listed as co-investigators or collaborators.
- Teams may include outside consultants/collaborators (e.g., community stakeholders) with unique experience or expertise in innovative approaches not currently available at Columbia. However, subawards are not permitted.
- During each application cycle, only one submission is permitted per principal investigator.

FUNDING

This is a one-year, one time award. We anticipate funding up to four (4) grants of \$40,000, depending on funding availability.

APPLICATION DEADLINE

February 16, 2023, by 5 PM EST

AWARD START

June 1, 2023

Awardees will be chosen by May 2023.

APPLICATION DIRECTIONS

1. All applications must be submitted through the web-based Survey Monkey Apply system, <https://irvinginstitute.smapply.io>. Applicants using SurveyMonkey Apply for the first time should log in using their Columbia University UNI and password.
2. **Fill out all parts of the web-based application form.** Including: Contact and demographic information for all team members, the project title, abstract, keywords, community engagement (if applicable), current funding sources, submitted applications, human/animal research approvals, budget, and budget justification.

If your project includes community engagement, you will be prompted to address the following questions:

- Which community will you engage?
- How will they be meaningfully involved in this project?
- Why is this health issue and project important to the community that you are serving?

Budget: This is a one-time award for the base amount of \$40,000. Your detailed budget should directly support your protocol. Each item must be justified in the budget justification section of the application form.

- **Faculty salary cannot not be funded by this pilot.**
 - Expenses may include: technologist/staff salary, fringe, supplies, participant renumeration, or research related services. Please calculate any salaries using [Columbia University's current fringe rate](#) for government projects, **29.3%**.
 - Major equipment (>\$5,000), publication fees, and travel are not permitted.
 - Subawards are not permitted.
3. **Upload the proposal as a single PDF** that does not exceed five (5) single-spaced, typed pages excluding references. Provide at least one-half inch margins (½") - top, bottom, left, and right - for all pages; 11- or 12-point font required; Arial typeface preferred. **Do not include appendices.** It should include:

Winter 2023 Irving Institute CaMPR/CaMPR-ISP Application Instructions

- A. Aims (1 page) – What are you planning to do? What are the intended outcomes? List your specific aims.
 - B. Public Health Significance of the Proposed Study (.5 page)
 - C. Overview of Multidisciplinary Proposal (3 pages) – Brief rationale, innovation, and research approach/methods sections (including community engagement, if applicable). Include a milestone timeline.
 - D. Future Plans (.5 page) – Describe plans for future publication and funding. Identify the target NIH or other extramural funding mechanism (e.g., R01, etc.).
 - E. References – Reference pages do not count toward the five (5) page limit.
4. **Upload a single PDF with an NIH-style biosketches** for each investigator including collaborators and/or consultants, with personal statement tailored to the application. Please include eRA Commons usernames. Maximum of 5 pages per investigator.
5. **Submit the application** by selecting the “Submit Your Application” button in the web-based system, <https://irvinginstitute.smapply.io>. **All applications must be submitted by 5:00 PM EST on February 16, 2023.**
- Please note that only the Owner (i.e., creator) of the application will be able to submit. Collaborators can be given edit permissions but are not able to submit the application. If you have any issues at the time of submission, please contact Kayla Zalcgendler at kz2397@cumc.columbia.edu.

REVIEW PROCESS

Reviewers will use a scoring system based on a 5-point scale (1=highest) and judge each application on the basis of strength of the applicants and multidisciplinary team; significance; scientific merit; innovation; and feasibility of submitting pilot findings for external funding or publication, as well as alignment with goals, priorities and directions of CaMPR/CaMPR-ISP (as described above). Community leaders will review any community engagement components of proposals, if applicable.

PROGRAM CONTACTS

Area

Questions about the application, budget, or eligibility

Contact

Kayla Zalcgendler, MSPH
Senior Program Manager, Pilot and Collaborative Studies Resource
Irving Institute for Clinical and Translational Research
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Questions about the scientific content

CaMPR

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CaMPR-ISP

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INSTITUTIONAL AND FUNDER APPROVALS

All projects involving human subjects and/or vertebrate animal research that are chosen for potential Irving Institute pilot funding, are conditionally selected until appropriate approvals are received. These include **IRB and/or IACUC approval** and in many cases **NIH-NCATS prior approval**. IRB/IACUC approval is not required at the time of application but is required in order to receive NIH-NCATS prior approval. Submission to the IRB/IACUC must be completed within thirty (30) days of notification of potential pilot funding. In addition, for conditionally selected projects that require NIH-NCATS prior approval, documentation must be submitted to Irving Institute administration immediately after IRB/IACUC approval is received and within seventy-five (75) days of notification of potential funding. Only complete prior approval packets will be sent to NIH-NCATS. **Dispersal of funds cannot occur until all required approvals are obtained.**

FINANCIAL MANAGEMENT

If awarded, the home department of the awardee must make purchases on behalf of the awardee using the Irving Institute chart string. The awardee's home department will process the purchases and then alert Irving Institute financial staff if approval is needed in the financial system.

AWARDEES PROGRESS REPORTING

As part of our ongoing evaluation of our CTSA Programs mandated by the NIH, we will periodically request information from awardees about the progress of your research. Awardees will submit progress reports and may meet with program leadership to review progress toward meeting study milestones. After the funding period ends, we will continue to ask at least once a year for a brief update about the ongoing progress of the pilot research and associated products.