

PILOT AWARD APPLICATION INSTRUCTIONS

Collaborative and Multidisciplinary Pilot Research (CaMPR)

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

Fall 2021

Fall 2021 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 new 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 2022, 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:

	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 newly configured investigative teams in multi- and interdisciplinary research across all stages of the translational science spectrum from basic research to public health.	<p>The Irving Institute's Integrating Special Populations (ISP) Resource offers the CaMPR-ISP program to support the formation of newly configured 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.</p> <p>The ISP goals are to foster collaborations both within each special population and across special populations that will:</p> <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,

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	Collaborative and Multidisciplinary Pilot Research (CAMPR)	Collaborative and Multidisciplinary Pilot Research -Integrating Special Populations (CAMPR-ISP)
		<ul style="list-style-type: none"> ○ Increase the breadth of dissemination of the results of these efforts, with the goal of further increasing collaborations among investigators within and across the special populations, and ○ Create culturally sensitive engagement, recruitment, and educational tools to facilitate ISP-based research in upper Manhattan.
PILOT PROJECT REQUIREMENTS & PRIORITIES	<ul style="list-style-type: none"> • Projects that involve faculty collaborations with <u>at least one of the schools at Columbia University Irving Medical Center (CUIMC)</u> (Vagelos College of Physicians and Surgeons, College of Dental Medicine, School of Nursing, Mailman School of Public Health) <u>and another school at the CUIMC, Morningside, or Manhattanville campuses.</u> Faculty/Investigators from New York Presbyterian Hospital (non-MD health professionals) may also apply, providing collaborators are from a CUIMC school. • Projects that bring together faculty with expertise from diverse disciplines <u>who have not previously been involved</u> as co-investigators. • Projects that are in novel areas for the principal investigator. • Projects that involve junior faculty members, preferentially serving as principal investigator. 	<ul style="list-style-type: none"> • Projects focused on special populations: <u>Pediatrics, Geriatrics, Rare Diseases, or Emerging Pathogens in our Community.</u> • Projects that use a community-engaged approach to research are encouraged (See CECR). • Projects that incorporate implementation science are encouraged (See Implementation Science Initiative). • Projects with PIs that are junior investigators will be given preference.

PREFERENCE WILL BE GIVEN TO:

- PIs that have not yet been awarded R01s
- Projects focusing on health equity

ELIGIBILITY

- Principal investigator(s) must have a faculty appointment at Columbia University Irving Medical Center (CUIMC) of assistant professor or higher.
- Postdoctoral fellows and residents are not eligible to apply as Principal Investigator.

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- 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 7, 2022, by 5 PM EST

AWARDEES NOTIFICATION

Awardees will be chosen in April 2022.

AWARD START

June 1, 2022

APPLICATION DIRECTIONS

1. All applications must be submitted through the web-based system, <https://irvinginstitute.smapply.io>.
2. Applicants using SurveyMonkey Apply for the first time should log in using their Columbia University UNI and password.
3. **Fill out all parts of the web-based application Form** (contact information for all team members, the project title, abstract, current funding sources, submitted applications, budget, and budget justification).

Budget: This award is in the sum 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 or research related services. **Please calculate any salaries using a fringe rate of 28.2%.**
 - Major equipment (>\$5,000) and travel are not permitted.
 - Subawards are not permitted.
4. **Upload the body of the application as a single PDF** that does not exceed five (5) single-spaced, typed pages (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), excluding references. **Do not include appendices.** It should include:
 - Aims (1 page)
 - Public Health Significance of the Proposed Study (.5 page)
 - Overview of Multidisciplinary Proposal – Brief rationale, innovation and research approach/methods sections with work timeline (3 pages)
 - Long-term Aims – Include plans for future publication and funding. Identify the target NIH or other extramural funding mechanism (e.g., R01, etc.) (.5 page)
 - References – Reference pages do not count toward the five (5) page limit.

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5. **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 (including Other Support).
6. **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 7, 2022.**

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).

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.

For questions about the application process and budget or eligibility, please contact:

Kayla Zalcgandler, MSPH
Senior Program Manager, Pilot and Collaborative Studies Resource
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For questions about the scientific content, please contact:

Scientific focus

CaMPR

CaMPR-ISP

Key Contact

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