

Pilot and Collaborative Clinical and Translational Studies Resource (PCSR)

GUIDELINES AND INSTRUCTIONS FOR APPLICANTS

Phase II: Collaborative and Multidisciplinary Pilot Research (CaMPR) Award

Submission Deadline: April 2, 2018

A one-year, \$75,000-pilot award will be granted to the two recipients of the 2017-18 Phase I CaMPR planning grant who best meet the following goals of this award program:

- establish a newly-configured, multidisciplinary investigative team involving both senior and junior faculty from at least 2 of the 4 CUMC schools;
- train and mentor a new generation of clinical and translational (C/T) investigators;
- expand and optimize the utilization of new and existing resources at CUMC;
- address a significant public health problem using novel, multidisciplinary approaches; and
- produce pilot data that are likely to lead to a major NIH-funded project.

Recipients of the 2017-18 Phase I CaMPR planning grant awards should use the following instructions for the preparation of the Phase II grant application. Applications may have a single or multiple principal investigator(s). Please follow the NIH standards for margin size and type font.

NOTE* Our FluidReview system has been redesigned and rebranded, it is now known as **SMAPPLY**. What this means for you, is that the application process will be much smoother because the user interface is more intuitive and you will now be able to login using your UNI and Columbia University CAS-authentication. You will **ONLY** be able to submit an application through SMAPPLY.

Applications must be submitted through the Irving Institute's web-based application system, [SMAPPLY](#) (formerly known as FluidReview) by 5:00p EST, April 2, 2018, with the expectation that the selected collaborative planning teams will be announced by May 2018. NIH biosketches using the [new format guidelines](#) must be included for the PI, each co-investigator and consultants (if applicable), and a line-item budget with a brief justification is expected. **Each team is limited to six (6) members. Applications containing more than 6 investigators will be disqualified.**

For details about other CTSA Resources please visit our Web site at:

irvinginstitute.columbia.edu

Accelerating Discoveries Toward Better Health

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The application must contain:

- 1) *Application Form*. A web-based form that will require contact information for all team members, project title, NIH-style abstract (200 word limit), current funding sources, submitted applications, human/animal research approvals, 12-month budget, and budget justification.

Award funds may be used to cover time spent by junior investigators on the pilot project, supplies, research participant compensation or reimbursement, and/or other purposes related to the conduct of the research. The monies awarded will support direct costs only; no indirect support will be provided. Mentors may not receive funding through this program.

- 2) *Research Plan*. A single PDF proposal of no more than 12 pages with sufficient information to evaluate the project that includes the components listed below. The proposed aims and approaches should build on the work of Phase I.
 - Specific Aims and Hypothesis (1 page)
 - Background and Significance (2 pages)
 - Preliminary Studies: Phase I Planning Grant Final Report and other pertinent studies (3 pages)
 - Research Design and Methods (5 pages)
 - Plans for Future Funding (1 page)
- 3) *NIH biographical sketches* for all investigators (including PI(s), co-investigators and consultants) uploaded as a single PDF.

NOTE: NIH-NCATS mandated prior approval of human vertebrate animal subjects and documentation is to be submitted with your Phase II application on Monday, April 2, 2018. IRB approval is not required at the time of application but must be in place, in writing, at the time of the award (June 1, 2018). However, IACUC approval is required at the time of application, as it must be in place at time of NIH-NCATS prior approval submission.

Submission of Proposals: All applications must be submitted using the Irving Institute's web-based application system, [SMApply](#).

Proposal Due Date: **Monday, April 2, 2018, 5:00p EST.** Proposals received after the deadline will not be accepted.

Questions about the Program: Questions about the application can be addressed to PCSR Resource Co-Director, Elaine Larson, RN, PhD, FAAN, CIC (ell23@cumc.columbia.edu). Technical questions about formatting or electronic submission should be directed to Pilots Manager, Ms. Sabrina Harris, slh2168@cumc.columbia.edu, phone: (212)-304-5692.

Evaluation Process: The full application will be reviewed by the PCSR Core members and a designated review committee, based on needed scientific expertise.

Reviewer Guidelines (% of total points allocated to each category)

Applicants (20%):

- Does the proposed team involve both senior and junior faculty from at least 2 of the 4 CUMC schools?
- Is the role of each member well-defined and justified within the context of a multidisciplinary team approach?
- Will there be sufficient mentoring and guidance to aid junior investigators to achieve aims?

Research Plan (55%):

Significance:

- Does this study address an important public health problem/issue?
- Does the proposal reflect appropriate knowledge of the research content area?
- If the aims of the application and the future work are achieved, will clinical or translational research be advanced?

Planning Phase: (counts for one third of the Research Plan % allocation)

- Does the Final Report address all the components of the collaborative process template? (see CaMPR Phase I Planning Guidelines attached)
- Does the Final Report identify a new interdisciplinary approach for addressing the Research Aims?

Approach:

- Is the conceptual or clinical framework adequate and does it build on the interdisciplinary ideas developed in the CaMPR Phase I Planning Grant?
- Are the design, methods, and analyses scientifically sound?

Innovation:

- Are the specific aims, hypotheses or conceptual framework original? For example: Does the project challenge existing paradigms; address an innovative hypothesis or critical barrier to research?
- Does the project develop or employ novel concepts, approaches, methodologies, tools, or technologies for this area?

Environment:

- Does the scientific environment in which the work will be done contribute to the probability of success?

Overall Feasibility of Plan:

- Can the aims be accomplished successfully given the proposed design, methodologies and time frame?
- What is the likelihood that this pilot work could contribute to future research (including a major NIH-funded project)?

Future Work (15%):

- Is the way in which the preliminary data will be used in subsequent research adequately described (including a description of the overall aims and a broad overview of the methods of the future grant proposal)?



Budget and Budget Justification (10%):

- Does the budget seem reasonable and appropriate to carry out the work proposed?
- Is the budget justification sufficient to support the request for funds?