Collaborative and Multidisciplinary Research (CaMPR) Award

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CaMPR Overview

Purpose and Requirements
- To stimulate the creation of new multidisciplinary teams from two or more CUMC schools and/or downtown campus for the planning (Phase I) and conduct (Phase II) of pilot studies that:
  - Address a critical health problem relevant to the CUMC community
  - Make use of novel multidisciplinary approaches
  - Involve junior/senior mentorship teams
  - Likely to lead to NIH grant

Projects Funded to Date (12 awards, $700,000 in cycles 1,2)
**Phase I**: 8 four-month planning awards $25,000 (2007, 2008)
**Phase II**: 4 one-year $125, 000 awards (2007, 2008)
Cycle #3: four Phase I awards to be announced Nov 16.
CaMPR Selection Approach: Phase I

- **Application Process**
  - Email blast to all CUMC faculty, RFA posted on website
  - Pre-application consultation strongly encouraged
  - Examples of winning applications posted on the website
  - Cycle 1: 14 apps, Cycle 2: 14 apps; Cycle 3: 16 apps

- **Review Process**
  - Phase I winners (4/cycle) selected on the basis of:
    - Fit with the CaMPR purpose
    - Nature and quality of the planning activities proposed, eg. defining the health problem, assembling the team, identifying innovative approaches to address research gaps

- **Benefits of Approach**
  - Incentivizes junior and senior faculty to break out of traditional “silos” of inquiry and take the extra step to engage in new, multidisciplinary collaborations
Based on the productivity of the Planning Grant, two of the four new investigative teams receive $125,000 one-year support for pilot studies that:

- Feature creative, novel multi-disciplinary approaches
- Make use of the CTSA resources
- Offer meaningful involvement of junior scientists
- Include well-documented planning activities that demonstrate the interdisciplinary process
CaMPR: Management Approach

How to Capture Team-building process?

- Consulted with experts re multidisciplinary skills and competencies

- Consulted with CTSA Tracking & Evaluation Resource to develop a process template to guide and document planning activities: who, what, where, when, how?

- Required that each team follow a template to guide and document the planning activities

- Met with each nascent team at mid-point of Planning project for consultation and advice
Template for Evaluating Planning Process

- **Project initiation**: (the process by which you came to apply):
  - How did you identify/engage your interdisciplinary collaborators?

- **Structure** of the Planning Activities employed:
  - How many meetings? Means of communication?
  - Participants: disciplines, areas of expertise (methodologies, clinical sub-specialty)
  - Meeting agendas: topics, content, action items
  - Budgeted expenses and costs incurred
  - Self-assessment about ID competencies (before/after the planning process)

- **Evolutionary process** of moving forward with project
  - Barriers encountered? Overcome
  - Describe any “eureka” experiences

- **Outcomes achieved**:
  - How were outcomes changed as a result of interdisciplinary work?
CaMPR Outcomes: First Two Cycles

- 5/12 Recipient teams have moved to extramural awards/activities

- 2007 Phase I “The applications of information and communication technology for preventing and treating chronic disease”
  **Outcome:** NIH ARRA Supplement Award

- 2007 Phase II “Gravitiy Neutral Orthotic (GNO) Device: a novel rehabilitation device for people with severe physical disability”
  **Outcome:** Patent IR 2380: "Limb motion capture and rehabilitative assist device", filed April 2008.

- 2008 Phase I “Appropriate Care of URI in Children of Latino Immigrants: The ACURI Project”
  **Outcome:** NIH RC1

- 2008 Phase I “Improving Children’s Oral Health: Developing a Pharmaco-Behavioral Therapeutic Approach using IT to Manage Early Childhood Caries”
  **Outcome:** NIH RC1