Science of Team Science and Interprofessional/Interdisciplinary (IP/ID) Collaborations Small Grant Program

South Carolina Clinical & Translational Research (SCTR) Institute and MUSC Office of Interprofessional Initiatives

Request for Applications (RFA)

RFA Release Date: Monday, February 27, 2017

Key Dates:
Application Due (Deadline has been extended) by 5PM on Monday, May 15, 2017
Earliest Anticipated Project Start Date June 20, 2017

Primary Objective:
To generate pilot data on the value and impact of interprofessional and/or interdisciplinary teamwork on clinical outcomes in healthcare and/or research productivity among translational researchers.

What is the Science of Team Science?
The Science of Team Science (SciTS) is a rapidly emerging field focused on understanding and enhancing the processes and outcomes of team science. A key goal of SciTS is to learn more about factors that maximize the efficiency, productivity, and effectiveness of team science initiatives. The interdisciplinary of the SciTS promotes team-based research through empirical examination of the processes by which scientific teams organize, communicate, and conduct research. The field is concerned with understanding and managing circumstances that facilitate or hinder the effectiveness of collaborative research, education, training, and translational initiatives. This includes understanding how teams connect and collaborate to achieve scientific breakthroughs and outcomes that would not be attainable by either individual or simply additive efforts. The teams may vary in the extent to which they include or integrate the knowledge of experts from different disciplines or professions (e.g. nurse and physician, pharmacist and physician assistant) to achieve their scientific and, when relevant, translational goals.


The MUSC Office of Interprofessional Initiatives web site at http://musc.libguides.com/interprofessional has information related to the Interprofessional Practice, Education and Team Science.

Potential Projects:
Projects may focus on, but are not limited to, the impact of SciTS and IP and/or ID collaboration and direct measures of team work behaviors on research productivity, scientific innovation, patient outcomes, patient safety, cost-effectiveness of health care or research practice, and/or health professional educational, training and clinical care outcomes (i.e. This RFA is not looking into how many conference presentations, publications and grant applications that would result from a specific team but rather how a particular team’s actions or behavioral changes may impact to have certain outcomes such as the presentations, publications and grants. You should address in terms of why your team and how your team will enhance the team work behaviors to have better outcomes - progress toward the intellectual integration and cumulative changes in the collaborative behaviors). Projects may also focus on team science and interprofessional research tools and methodology such
as the development/validation of relevant team science and interprofessional measurement tools, approaches and/or systems.

Examples of the projects we funded last year include: Information Technology for Teamwork and Communication in Trauma and Using Team Science to Integrate Primary Care and Behavioral Health for Trauma-Impacted Youth. More information of the funded projects are listed in the SCTR Pilot Project Program web page at http://academicdepartments.musc.edu/scr/programs/pilot_projects.

**Award Amount:**
Up to $15,000 (Direct Costs only) for a 12-month project period.

**Eligibility Criteria:**
- Principal Investigator (PI) or Co-PIs and other investigators can be faculty, post-doctoral fellows, graduate students, research support staff and/or clinical staff.
- The PI must be employed at MUSC, and one member of the research team must have an MUSC faculty appointment.
- The investigative team must have an ID and/or IP composition (a minimum of two disciplines and/or professions).
- The proposed project should, in part, aim to establish a relationship between ID and/or IP team science practice and outcomes.
- Scholarly work that establishes baseline data or demonstrates strong potential for obtaining additional funding will be viewed favorably.

**Application Process:**
All components of the applications should be submitted via the SCTR Pilot Project Program website at http://academicdepartments.musc.edu/scr/programs/pilot_projects by clicking the appropriate ‘Apply’ link.

Please note that if you need any help, the SCTR Institute has free consultation services such as biostat, budget and regulatory consults. Please view the consult descriptions and submit your consult request using the SPARC web page at https://sparc.musc.edu.

**Application Components:**
1. On the online application, in the bottom Project Information section, choose Grant Category: Team Science
2. Biosketches for all investigators in the team: Please use the NIH biosketch format with 5 page limit (http://grants.nih.gov/grants/funding/424/index.htm)
3. Project Description Page (one page limit): Should include a project summary, rationale for the team science ID/IP team’s composition, a plan to evaluate the project’s outcome and the function of the team.
4. Project Budget and Justification (2-4 pages): For the budget, please use PHS 398 Form Page 4: Detailed Budget for Initial Budget Period in MS Word Version (1 page) at http://grants.nih.gov/grants/funding/phs398/phs398.html and use continuation pages as needed for the budget justification. Upload the budget and justification as a single PDF file. Budget may include salary support up to 5% efforts for each member subject to the NIH salary cap, travel to present at a professional meeting, supplies, participant fees, IRB fee, and other expenses needed to conduct the proposed work. The small grant program committee may reduce the requested award amounts as appropriate.
5. Project Research Proposal (maximum of 3 page limit): Should include following components. Please combine all pages into a single PDF document to upload.
   a. Specific Aims
   b. Significance and Innovation
   c. Rationale and Approach (including methods, outcome measures, data analysis plans, and project evaluation)
   d. Timeline/Milestones
   e. Plan for dissemination of results (presentation of work at a relevant national meeting and/or publication is required).
   f. Potential of successful extramural grant applications that may generate from the proposed research (i.e. Sustainability Plan) as appropriate.

References cited and letter of supports** will not be counted as part of the 3 page limit.
** Letter of support from the advisor/supervisor of the PI and Co-PI/s, if applicable, is required. If the PI is an Early Career investigator (as defined by the NIH criteria), a letter of support from the mentor is required.

Post-Award Requirements:
If your application is selected to fund:
   o A Just-in-Time (JIT) notice will be issued to each funded project PI to submit required documents such as IRB approvals, if appropriate, and to set up a UDAK account before funding can be awarded.
   o A Notice of Award (NOA) will be issued to the PI after receiving all the required JIT information.
   o Once the NOA is signed by the PI and PI's Business Manager, awarded $ amount for the project will be transferred to the appropriate UDAK account.
   o Project period will be 12 months from the date when the NOA is released.
   o Once funded, you will be required to submit a project progress report and a finance report at 6 month and 12 months into the project period, and then a brief update of the project for another 3 years. The instructions and format of the reports will be sent to the PIs with a REDCap survey link to submit the reports.
   o You are also required to present your project mid-term and annual progresses at 6 month and 12 months into the project to the MUSC Interprofessional and Interdisciplinary (IP/ID) Advisory Council meetings.
   o By accepting the funds, you are required to acknowledge the SCTR Institute and MUSC Office of Interprofessional Initiatives in each publication, press release or any other document(s) and presentations similar to the following:

“This publication (or project) was supported in whole or in part by the South Carolina Clinical & Translational Research (SCTR) Institute, with an academic home at the Medical University of South Carolina (MUSC) through NIH/NCATS Grant Number UL1TR001450 and the MUSC Office of Interprofessional Initiatives.”

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