

The University of Chicago Medicine  
Center for Healthcare Delivery Science and Innovation  
Request for Proposals

## **Nursing Solutions Research Grant**

September 6, 2019

**Summary:** The University of Chicago Medicine's Center for Healthcare Delivery Science and Innovation (HDSI) is requesting research proposals for its inaugural *Nursing Solutions Research Grant*. The HDSI Nursing Solutions Grant aims to foster research collaborations between UChicago Medicine and investigators at colleges of nursing, bringing new expertise to the UChicago Medicine to advance the delivery of patient care. Proposed projects should 1) demonstrate potential to impact nurses' delivery of safe, effective, patient-centered, timely, efficient, and/or equitable care and 2) address the priorities of UChicago Medicine. Projects should also focus on healthcare delivery science – the study of changes to how patient interventions are delivered and not the actual interventions. Inter-professional collaboration is highly encouraged. A UCM Nurse Scientist will act as the site Principal Investigator.

### **UChicago Medicine Nursing Solutions Research Grant priorities**

- Enhancing inter-professional communication.
- Providing clinical decision support for nurses at the point of care.
- Engaging patients and families in healthcare decision making.
- De-implementing procedures and clinical practices that are ineffective, harmful or wasteful.

### **Nursing Solutions Research Grant requirements**

- Include a written strategy to collaborate with UCM nurses (clinical nurses and/or leaders).
- Provide a clear research mentorship plan for a nursing leader. The institution can align your project with a particular leader.
- Applicants must be a Registered Nurse with a PhD in nursing or related field. Evidence of past research, healthcare delivery, or implementation science, is preferred.

### **Funding**

- The grant will support research proposals ranging \$10,000-\$20,000 for a one-year period.
- Award will cover salary, equipment/supplies, consultants or outside statistical support, and costs associated with dissemination.
- Limited data analysis support will be provided.
- Project management support will be provided.

**Key dates:**

- Submission Deadline: **September 6, 2019**
- Announcement Date: October 2019

**Nursing Research Grant Program Application Instructions**

Format of Proposal

The document should follow NIH standard formatting: 11-point Arial font, 0.5 inch margins, and single-spaced.

Proposal PDFs and filenames

Please submit two PDFs:

1. Submit one PDF document that includes items 1-7 outlined below. Name the file of your application: LastName\_FirstName\_NSGrant19.
2. Submit one PDF document that includes the Detailed Budget. Name the file of your Detailed Budget: LastName\_FirstName\_NSGrant\_Budget19.

Proposal Format and Structure

1. Specific Aims (1 page)
2. Project Narrative (3 to 5 pages, excluding references)
  - Organize the Project Narrative in using the following headings - Significance, Innovation, Approach, Limitations, and Dissemination.
  - Cite relevant literature in the project narrative and provide the full reference in the References Cited section.
  - Significance:
    - Explain the importance of the problem or critical barrier to healthcare or operations that the proposed project addresses.
    - Clearly articulate how this project aligns with the UCM Nursing Solutions Grants Priorities.
    - Explain how the proposed project will impact the problem and the effects this will have on UCM patients and/or processes.
  - Innovation:
    - Explain how the project is original and innovative in addressing a hypothesis or key barrier to progress.
    - Describe how the project will employ any novel theoretical concepts, methodologies, tools, processes, or approaches to addressing the problem.
  - Approach
    - Describe the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project. Include how the data will be collected, analyzed, and interpreted.
    - Discuss potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims.

- Provide a summary timeline for the project that includes key milestones. Include in this timeline the required submission of an interim project report no later than six-months into the project period as well as a final report due no later than 30 days after the end of the project period.
  - Any preliminary data may be presented in this section but is not required.
  - Limitations
    - Describe limitations you anticipate in achieving your desired aims. Explain how your approach addresses these limitations and evaluation strategies to minimize the impact of these limitations.
  - UCM Nurse Collaboration/Mentorship plan
    - A brief description of how a nurse(s) will be included in the research process and provided opportunities for professional growth
  - Results Dissemination
    - Share results at an HDSI co-sponsored UCM Nursing Grand Rounds
    - Describe your plan for disseminating results from this project, including any plans of publishing in a peer-reviewed journal, presenting at specific national meetings, etc.
    - Describe opportunities for dissemination for UCM nurses
3. Budget Narrative (Limited to 2 pages)
- Provide an overview of the total direct costs and indirect costs associated with the research
  - Describe your budget by category (i.e. supplies, personnel, services, data fulfillment, analysis, etc.) and the assumptions used to allocate these funds
  - Provide information about the role and FTE proposed for each individual supported through the budget.
  - Detailed Budget (Excel spreadsheet)
4. Appendices
- Instruments/Interview Guides
  - References Cited (no page limit)
  - Letter(s) of Support (1 to 2): One letter should be from a direct report/department head
  - Applicant Curriculum Vitae or Biosketch

***About the Center for Healthcare Delivery Science and Innovation***

The University of Chicago Medicine Center for Healthcare Delivery Science and Innovation was established to change care across the country by transforming the operational health delivery system into an engine not just of learning but of discovery.

Aims of the Center include:

- Improving the quality, safety, patient experience and value of care by helping care teams identify research questions and design research
- Using advanced electronic health record systems and other internal and external data sets to improve the quality and value of health care we deliver
- Influencing national perspective by encouraging researchers to publish their findings, to speak at conferences and to serve on health policy boards

- Educating healthcare professionals how findings from health care delivery science research can be applied in their practices
- Engaging a multidisciplinary team of researchers to conduct health care delivery science at UCM
- Sharing our discoveries with the community and across the country partnering with schools across University of Chicago as well as other institutions and corporations

<http://hdsi.uchicago.edu>

### ***About UCM Nursing***

UChicago Medicine employs approximately 2500 Registered Nurses and over 200 Advanced-Practice Nurses, who work in adult, pediatric, inpatient and ambulatory settings. Our diverse nursing workforce is also highly educated, with 2295 baccalaureate-prepared nurses and over 500 nurses with masters and doctoral degrees. Nearly 30% of our nurses are nationally certified for their specialty. For their achievements, UChicago Nurses have received the prestigious Magnet Recognition from the American Nurses Credentialing Center. Learn more about UCM Nursing at

<http://nursing.uchospitals.edu/>