Request for Proposals

INSPIRE Innovation Award

The INSPIRE network is excited to announce a funding opportunity for investigators in pediatric simulation-based research focusing on innovation.

Background

The International Network for Simulation-based Pediatric Innovation, Research and Education was established in 2011 from a group of simulation-based pediatric researchers from a variety of disciplines looking to improve collaboration, mentorship, and productivity. Our mission is to improve the lives of children through healthcare simulation science.

INSPIRE is committed to innovation and is seeking studies that are both innovative and have strong potential for a positive impact on healthcare delivery. INSPIRE is proud to announce funding for innovative proposals to address the key areas of INSPIRE’s focus (technology, acute care/resuscitation, debriefing, IPE/teamwork/communication, procedural and psychomotor skills).

Summary

1. One project of a one-year duration with a maximum budget of $30,000 USD. This project must be simulation-based and focus on innovation that has strong potential for a positive impact on healthcare delivery.
2. Award proposals will be due on September 30, 2019.
The INSPIRE Innovation Award

Full Proposal Instructions

I. Overview and Eligibility

The INSPIRE Scientific Review Committee is providing funding for one project of one-year duration (maximum duration 18 months) with a total budget of $30,000 USD. These projects must be simulation-based and include rigorous measures. Quantitative, qualitative or mixed methods research approaches are equally welcome.

This award is open to all investigators in INSPIRE. We are seeking studies that are both INNOVATIVE and have strong potential for a positive impact on healthcare delivery. Special preference for this award will be given to projects focusing on addressing this subset of INSPIRE’s areas of primary focus (technology, acute care/resuscitation, debriefing, IPE/teamwork/communication, procedural and psychomotor skills).

Only one project submission will be accepted from each Principal Investigator across the four main award categories: the INSPIRE Innovation Award, INSPIRE Patient Safety/Human Factors Award, and the two INSPIRE Research Accelerator Awards.

Please note as well that all INSPIRE members involved with the selection process for this award is excluded from reviewing potential applications in which they are investigators.

II. Timeline

Completed applications will be due by 11:59pm EDT on September 30, 2019, and final recipients of the award will be notified December 15, 2019 and announced at INSPIRE at IMSH 2020. Awardees will be required to present an ALERT on their research for this meeting. Funding will be disbursed within one month of this announcement at INSPIRE at IMSH 2020.

III. Project Duration

The project’s stated aims must be completed within 18 months. Extensions will be considered on a case-by-case basis and must be requested in writing no later than two months prior to the expiration of the award.

IV. Application Submission

Please submit all required documents in one PDF format and in ONE email to inspiresimulationnetwork@gmail.com, with "INSPIRE Innovation Award" in the subject line and the principal investigator name in the body of the email. You will receive a confirmation email.
when your documents have been received.

V. Award Notification and Funding

Final recipients of the award will be notified by December 15, 2019 and awardees will be announced at the January 2020 INSPIRE meeting at IMSH. Funds will be disbursed within one month of the announcement.

VI. Proposal Requirement and Format

Proposal format in general follows United States National Institute of Health formats using PHS398 forms. Each line should have no more than 15 words. All pages must be numbered and include a footer with the Principal Investigator’s name. Page limit does not include: Cover letter, Budget, Resources, and Supporting Documents.

VII. Proposal IRB Requirement and Human Subject Protection

All proposals submitted must include evidence of submission to the Institutional Review Board (IRB) or Ethics Board from all institutions where the proposed work will take place, regardless of whether human subjects are used. Approval from IRB or Ethics Board is not required at the time of application but will be required before funds are given. For human subjects usage definitions guidelines, please refer to the following NIH regulatory documents:


The following online questionnaire may also be of assistance in determining whether a given proposal qualifies as human subjects’ research.

https://humansubjects.nih.gov/questionnaire

VIII. Proposal Content Instructions

Note: Please submit only requested documents within page limits and follow instruction carefully. Nonconforming applications will not be forwarded to reviewers.

Format

The primary proposal itself (including the Cover Letter, Executive Summary, Research Plan, and Budget) must be no more than 10 pages (though fewer are acceptable). In addition to this, further supplemental information is required (these pages are not included in the page count). This information includes a Biosketch of the Primary Investigator, a brief description of Resources available at the site, and any additional Supporting Documents. Please use single-spaced, 12-point Arial font.
Description of Primary Application

Components

Cover Letter


Project Executive Summary

1 page. Max: 450 words

This important section serves as a succinct and accurate project description with clear statement of the project’s long-term objectives and specific aims. It should explain how this proposal reflects the mission of INSPIRE. Describe concisely the research design and methods for achieving the stated goals.

Research Plan (Max: 6 pages)

Sections:

Specific Aims and Hypotheses (1 page)

List the goals and objectives of your study, (i.e., to test the hypothesis of your research questions). The hypothesis must be clearly stated for quantitative research. For qualitative research, a hypothesis is not necessary, but guiding research questions should be stated instead. Please note that this component of the research plan should not exceed 1 page.

Background and Significance

Include a succinct overview of the field to be studied, including what is known about the topic and what remains to be explored. In particular, describe how and why the proposed research will advance understanding in the field, bridge gaps in knowledge, and have a positive impact on healthcare delivery, processes and outcomes. Of note, the background literature should include any supporting theoretical or conceptual framework if dictated by the specific research areas. Please include a brief section that describes how this project is innovative. This could include but not be limited to the approach, measurement development, or new application of simulation methodology.

Innovation
Describe the innovation of your proposed study. This includes challenging or seeking to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions.

**Methods**

In general, describe the methods that will be used to achieve the specific aims listed above. It is often useful to organize an award proposal by listing each aim in the methods section and then delineating the methods to be used to accomplish that specific aim. It is important to list and discuss proposed inclusion and exclusion criteria of subjects, outcome measures that are well defined, statistical methods, anticipated sample size, data collection and management. Be as specific as possible without unnecessary detail.

**Project timeline**

List important sequential steps in the timeline that will allow successful completion of the entire proposed project of 18-month duration. This should include a brief 6-month progress report.

**Budget**

2 pages: Please use the 1-page NIH PHS398 Budget form downloadable at

http://grants.nih.gov/grants/funding/phs398/fp4.doc

Important: Please note that this award does not cover indirect costs, and they thus should not be requested in the budget.

A 1-page budget justification should be included to explain how the award will be spent to ensure that adequate support and time is dedicated towards the completion of the stated goals. Please indicate any funds or in-kind resources that will be provided by the institution or other entities.

The investigator may apply the award funds toward any research-based salary and stipends for faculty/staff, postdoctoral trainees/fellows, technical support staff (including statistician, data analyst) required. Other expenses such as travel, membership fees, and conference registration fees are allowed, but justification will be required. A sample budget can be downloaded at the following link: INSPIRE Sample Budget.

**Description of Further Supporting Documents**

**Biosketch** (Max: 5 pages)

Please use NIH Biosketch form as a template. The form is downloadable at the following link:
Biosketches should only contain information relevant to the application.

**Resources (Max: 1 page)**

This page allows the assessment of the capability of the organizational resources available to perform the project proposed. Please include a brief description of the relevant facilities and resources that are directly applicable to the PI (e.g., space, computers, simulators, administrative support, etc.). Specific focus should be given to any previous collaborations by the investigators and infrastructure already in place to complete this research. Do not include a detailed description of the institution’s intellectual environment.

**Supporting Documents**

Only 3 items are to be included in supporting documents:


2. **Institutional Review Board approval or copy of submission letter**: In situations where IRB submission is preferred after the notification of award, the approval letter must be submitted before the actual funding takes place.

3. **Letters of Support**: Letters of support are **required** from all members of the study team. Applicants are encouraged to include letters from their department chair or program director, or simulation institutions (if applicable) addressing their level of support and available resources to help with the research. One page each.

**IX. Scoring of Applications**

Applications will be scored based on the following criteria: Significance, Investigators, Innovation, Approach and Environment.

**X. Progress Reports and Dissemination**

PIs are **required** to submit a 6-month progress report and a final report once the study is complete. Awardees are also expected to present their yearly results at an INSPIRE meeting. INSPIRE must be explicitly acknowledged on all forms of dissemination (abstracts, manuscripts, posters, etc.). The use of official INSPIRE templates is strongly encouraged. Finally, awardees are encouraged to leverage INSPIRE resources and presentations in future budget or program proposals resulting from the completed work.