



## ***IPSS-INSPIRE Pediatric Simulation Fellowship***

### **1. Goal**

To build future leaders in pediatric simulation.

### **2. Mission and Vision**

The International Pediatric Simulation Society (IPSS) and the International Network for Simulation-based Pediatric Innovation, Research, and Education (INSPIRE) promote multi-disciplinary simulation and simulation scholarship in all healthcare subspecialties that treat infants and children. IPSS is a global community of pediatricians, neonatologists, pediatric nurses, educators, and other allied health professionals from over 30 countries, all dedicated to improving the care of infants and children worldwide through multi-disciplinary simulation-based education, training, and research. INSPIRE is a global community of simulation experts, clinicians, educators, investigators, statisticians, human factors researchers, and psychologists who share a common mission of improving the lives of children through healthcare simulation-based research, scholarship, and innovation. The IPSS-INSPIRE Pediatric Simulation Fellowship was created to support early career investigators in simulation, exposing them to simulation related experiences and mentorship to broaden horizons, and promote excellence in education and investigative research.

### **3. Overview**

An IPSS-INSPIRE Pediatric Simulation Fellow is based at a home institution where most of their simulation activities are conducted. Each fellow will be assigned two simulation mentors (one local mentor + one international mentor OR two international mentors, depending on the availability of local simulation expertise) to expand and enrich their learning experience. Both mentors will work together during the fellowship. Applications to the fellowship must include a motivational statement and research proposal. These will be reviewed by the IPSS-INSPIRE Pediatric Simulation Fellowship Committee. The project idea will be presented at an IPSSW meeting in the form of an initial ALERT presentation during the INSPIRE meeting. ALERT presentations are brief 5-minute presentations followed by a round table discussion that serves as a platform to network as well as an opportunity to receive high quality feedback from simulation leaders on the project before launching it. The fellow will also submit a brief quarterly project progress report to the IPSS-INSPIRE Pediatric Simulation Fellowship Committee. The fellowship will be concluded with a research presentation at the following IPSSW meeting.

As part of the IPSS-INSPIRE Pediatric Simulation Fellowship, the fellows will meet every two months using an online meeting platform for networking and to exchange experiences.

#### **4. Funding**

Due to a generous donation to INSPIRE, funding for the fellowship expenses is available by special application. Funding can be used for project, career development, and travel related expenses, provided that the expense can clearly be associated with the fellow's career development in pediatric simulation scholarship. Applying for funding requires a 1-page itemized budget detailing how funds will be used accompanied by a budget justification no more than 1 page in length describing how this will directly contribute to the completion of the fellow's research project and their development as a pediatric simulation scholar. Up to \$10,000 can be requested per fellow. If awarded, funds not used by the applicant before the end of the fellowship will revert to INSPIRE. Application for funding can be made along with the primary application. Modifications to the request for funds will be considered on a case- by-case basis.

#### **5. Fellow Application and Approval Process**

1. Submit application via online portal on IPSS website.
2. IPSS-INSPIRE Pediatric Simulation Fellowship Committee will review the submission and project proposal.
3. If funding is requested, this portion of the application will be reviewed by the INSPIRE Funding and Awards Committee.
4. IPSS-INSPIRE Pediatric Simulation Fellowship Committee approves the applicant.
5. Application deadline will be announced by the IPSS-INSPIRE Pediatric Simulation Fellowship Committee. The beginning of the fellowship will start and conclude at the annual IPSSW meeting.

#### **6. Application Documents:**

- I. Motivational Statement (see Page 2)
- II. Project Proposal (see page 3)
- III. Funding Request (if applicable – see pages 3-4)
- IV. Curriculum Vitae

#### **Motivational Statement**

The motivational statement is a 1-page description of why you wish to engage in the fellowship. Please describe your career goals, the impact you wish to make in your local area of practice, and how you intend to use the fellowship to achieve this. It is also helpful if you integrate your research project into this description.

## **Project Proposal**

### **Research Questions/ Aims/ Hypotheses**

If your research project is quantitative in design (i.e. using numbers and statistics as outcomes), please state your specific hypotheses and aims. If your research project is qualitative in design (i.e. surveys, analysis of written or spoken words, etc.), please state your primary research question.

### **Background: (500-1000 words)**

Include a succinct overview of the field to be studied, including what is known about the topic, what remains to be explored, and in particular, describe how and why the proposed research will advance understanding in the field or bridge gaps in knowledge. Of note, the background literature should include any supporting theoretical or conceptual framework if dictated by the specific research areas.

### **Methods:**

In general, describe the methods that will be used to achieve the specific aims listed above. 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.

Study design: Pre-and post-intervention assessment of the number of in-situ programs as well as pre- and post-intervention assessment of the enrolled instructors.

### **Project timeline:**

List important sequential steps in the timeline that will allow successful completion of the entire proposed project of 1-year duration. This should include a quarterly project progress report to be submitted to the Board of Directors.

### **Discussion:**

This should include anticipated benefits to the subjects (if any) and how the knowledge acquired during the study could be transferred to future training or patient care. Project limitations and contingency planning should be included as well. Finally, describe the impact your study will have on the advancement of simulation-based research or healthcare delivery.

### **Resources:**

1. References
2. Letter of Support from the primary mentor

## **Funding Request**

### **Budget Justification:**

In this section, please describe (in paragraph form) why the items in the budget were included. This description should be tied directly to the goals outlined in your motivational statement and to your project.

Name

<b>PROJECT BUDGET (NOTE: INDIRECT COSTS/F&amp;A CANNOT BE COVERED)</b>	Year of Fellowship
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1. LIST PERSONNEL COSTS BELOW (BOTH INSTITUTIONAL AND CONSULTANT)

NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS	TOTAL

**SUBTOTALS** →      

EQUIPMENT COSTS <i>(Itemize)</i>	
SUPPLY COSTS <i>(Itemize by category)</i>	
TRAVEL COSTS	
OTHER EXPENSES <i>(Itemize by category)</i>	

CONSORTIUM/CONTRACTUAL COSTS	DIRECT COSTS	
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<b>TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD</b>	<b>\$</b> <span style="border: 2px solid black; padding: 5px;"> </span>
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