



IPSS-INSPIRE Pediatric Simulation Fellowship

1. Goal

To build future leaders in pediatric simulation.

2. Mission and Vision

The International Pediatric Simulation Society (IPSS) promotes multi-disciplinary simulation 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. We strive to bring the knowledge and skills we have gained to the widest possible audience. The International Network for Simulation-based Pediatric Research (INSPIRE) has the mission to improve the delivery of medical care to acutely ill children by answering important research questions pertaining to resuscitation, technical skills, behavioral skills, debriefing and simulation-based education. IPSS and INSPIRE created the IPSS-INSPIRE Pediatric Simulation Fellowship to support investigators in their simulation career, exposing them to simulation related experiences and mentorship to broaden horizons, and promote excellence in education and investigative research.

3. Overview

The IPSS-INSPIRE Pediatric Simulation Fellow is based at a home institution where most of their simulation activities are conducted and the fellow will have a primary simulation mentor at the home institution. After an individual has been accepted into the IPSS-INSPIRE Pediatric Simulation Fellowship, an IPSS or INSPIRE mentor will be identified to expand and enrich the learning experience. The fellow will continue to have a local mentor overseeing the fellow's progress and ensuring that the IPSS-INSPIRE Pediatric Simulation fellowship is enhancing the learning experience. The fellow will submit a full submission including the motivational statement, research proposal, as well as an individualized development plan to the IPSS education committee for review and approval. The project idea will be presented at an IPSSW meeting in the form of an initial ALERT presentation during the INSPIRE meeting and this marks the start of the IPSS-INSPIRE Pediatric Simulation Fellowship. 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 submit a brief project progress report and fellowship related activity update

during a Board of Director meeting quarterly. The fellowship duration is one year and 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 bi-monthly using an online meeting platform for networking and to exchange experiences. Over the course of the fellowship each simulation fellow will present Journal club presentation during a teleconference. In addition they are expected to develop and deliver two 40 minute webinars on simulation-related topic and chair a 20 minute question and discussion session following the webinar.

4. Fellow Application and Approval Process

1. Submit application via online portal on IPSS website / INSPIRE website
2. Education committee will screen the submissions
3. If submission promising, will forward it to the research committee to review the project proposal
4. Education committee approves the applicant acceptance
5. The application approval process will take a maximum of 8 weeks
6. Applications are accepted year-round with a deadline for the upcoming year being February 15th of the year the fellow is intending to start. The beginning of the fellowship will always at the annual IPSSW meeting

5. Application Documents:

- I. Motivation Statement (1 page)
- II. Curriculum Vitae
- III. Project Proposal (see page 3)
- IV. Individualized Development Plan (IDP) (see page 4-5, *to be completed if accepted*)
- V. Mentorship Agreement (see page 6, *to be completed if accepted*)

6. Funding

There is no application/course fee attached to the IPSS-INSPIRE Pediatric Fellowship and in order to support fellows to present their work at IPSSW meetings, IPSS will provide free registration for attendance of 2 successive IPSSW meetings during the fellowship. There will be no additional financial support from IPSS or INSPIRE. All accommodation and travel costs will be the responsibility of the individual or their host institution.

Project Proposal

Specific Aims and Hypotheses:

Aim 1:

Hypothesis 1:

Aim 2:

Hypothesis 2:

Aim 3:

Hypothesis 3:

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

NOTE: The following, Individual Development Plan and Mentorship Agreement, will be requested of the applicant if they are selected into the Fellowship.

Individualized Development Plan (IDP)

Mentee: _____ **Date:** _____
Primary Site Mentor: _____ **Date range of Mentorship:** _____ - _____
IPSS-INSPIRE Mentor: _____ **Date range of Mentorship:** _____ - _____

Identify Personal and Simulation Center Long Term Goals
(expand boxes as required)

Why did you decide to apply to be an IPSS-INSPIRE Pediatric Simulation Fellow?

What do you personally hope to accomplish in your career?

Identify in a single sentence the focus of your IPSS-INSPIRE Pediatric Simulation Fellowship.

List other goals discussed with your IPSS-INSPIRE Pediatric Simulation Fellowship Mentor.

Areas of Focus: Definition

The following five areas of focus generally describe the areas where Fellows direct their efforts to successfully accomplish their personal, career and Center goals. For each goal, the applicant should define a timeline when the goal is planned to be achieved.

1) Teaching—Excellence in Education

Student and/or resident teaching, student advising, CME/curriculum teaching /involvement, new course development, etc.

2) Research/Creative Activity—Leadership in Innovative Research

Conducting Simulation research, presentations and publications, funding and grant support and application, copyrights and patents, editing, and peer review.

3) Personal Development

Faculty Development activities, leadership programs, CME training, participation in professional academic associations or societies.

4) Networking

Developing professional contacts, consulting in one’s field, expanding network contacts, utilizing additional mentors in specific areas of focus.

5) Additional Goals

To be defined in concordance with Mentor

Areas of Focus		<i>Goal(s)</i>	<i>Resources, collaborators and time commitment needed to achieve goal(s)</i>	<i>Identify barriers to achieve new goal(s)</i>
<i>1</i>	<i>Teaching</i>			
<i>2</i>	<i>Research and Research Related Activities</i>			
<i>3</i>	<i>Self-Development</i>			
<i>4</i>	<i>Networking</i>			
<i>6</i>	<i>Additional Goals</i>			

Mentorship Agreement

A successful mentee/mentor relationship requires a commitment on the part of both partners.

The following agreement provides a starting framework for the partnership between the IPSS-INSPIRE Pediatric Simulation Fellow and the IPSS-INSPIRE mentor. Each party should keep a copy of this agreement and make every effort to fulfill the terms of the agreement.

IPSS-INSPIRE Mentor Name: _____

IPSS-INSPIRE Mentee Name: _____

Mentee goals: The mentee should establish with the mentor at least three professional development or personal growth goals. Goals should be specific, measurable, attainable, relevant and have a defined time frame.

GOAL # 1:

GOAL # 2:

GOAL # 3:

CONTACT AGREEMENT

The duration of the formal mentoring program is twelve months. Mentors are encouraged to continue the relationship on a voluntary basis. Contacts with mentee may be in person, by internet or by telephone. Mentee/mentor should allow enough time during a contact for discussion of goals, as well as questions from the mentee concerning their professional and/or personal development.

Mentee and Mentor agree to meet at least once a month for twelve months. Mentee and Mentor agree to provide the IPSS education committee with written feedback after every quarter. Mentee and Mentor to complete a final evaluation of the experience at the end of the fellowship.

Mentor Signature and Date

Mentee Signature and Date

IPSS-INSPIRE Pediatric Simulation Fellowship Mentee quarterly feedback

IPSS-INSPIRE Pediatric Simulation Fellowship Mentee quarterly feedback	
<i>Date</i>	
<i>Fellow</i>	
<i>IPSS-INSPIRE Mentor</i>	
<i>Local Mentor</i>	
<i>Project title</i>	
<i>Evaluation of Teaching</i>	
<i>Evaluation of Research and Research Related Activities</i>	
<i>Evaluation of Self-Development</i>	
<i>Evaluation of Networking</i>	
<i>Evaluation of Additional Goals</i>	
<i>Academic Productivity (Please list poster/oral presentations, manuscripts, grants...that have resulted from your IPSS-INSPIRE Pediatric Simulation Fellowship)</i>	
<i>Concerns and Suggestions</i>	
<i>Specific Next Steps</i>	

IPSS-INSPIRE Pediatric Simulation Fellowship Mentee FINAL evaluation

<i>Date</i>	
<i>Fellow</i>	
<i>IPSS-INSPIRE Mentor</i>	
<i>Local Mentor</i>	
<i>Project title</i>	
<i>What was most beneficial from being an IPSS-INSPIRE Pediatric Simulation Fellow</i>	
<i>Which component of the fellowship was the least beneficial?</i>	
<i>What could IPSS-INSPIRE change to improve the fellowship</i>	
<i>General comments and suggestions</i>	

IPSS-INSPIRE Pediatric Simulation Fellowship Mentor FINAL evaluation

IPSS-INSPIRE Pediatric Simulation Fellowship Mentor FINAL evaluation	
<i>Date</i>	
<i>Fellow</i>	
<i>IPSS-INSPIRE Mentor</i>	
<i>Local Mentor</i>	
<i>Project title</i>	
<i>What was most beneficial from being an IPSS-INSPIRE Pediatric Simulation Fellowship mentor?</i>	
<i>What was challenging about being an IPSS-INSPIRE Pediatric Simulation Fellowship mentor?</i>	
<i>What could IPSS-INSPIRE change to improve the fellowship</i>	
<i>General comments and suggestions</i>	