



Guidelines for Submission of Content to IPSSW2023

IPSSW2023 Conference Abstract Submission Guidelines

General Information:

The Abstract Committee for IPSSW2023 invites the submission of original works of scholarship and scholarly instruction for consideration at IPSSW2023 scheduled for 17-19 May 2023. The theme for this year is Improving Pediatric Outcomes with Simulation: Human Factors and Technology. **The deadline for submission is 8 February 2023.** You can only submit for in-person presentations.

All healthcare disciplines are strongly encouraged to submit proposals. The committee is seeking material that demonstrates innovative uses of simulation in research, education and safety or instructs others in the same. This may include, but is not limited to, skills training, team training, systems integration, and system and facility design. Additionally, presentations of novel uses of standardized patients/actors, mannequins, task trainers, virtual reality, 3D printing and computer-based simulations are encouraged.

Both completed projects and works- in- progress will be considered. All submissions will be peer-reviewed as part of the selection process. Abstracts previously presented at regional, national, or international meetings are eligible for consideration.

Sessions at IPSSW focus on scholarship and knowledge generation. The scientific program thus consists of two basic categories 1) presentations of completed projects or projects-in-progress, and 2) interactive educational sessions designed to advance the scholarly capabilities of attendees.

The Abstract Committee will allocate accepted abstracts to one of three presentation formats that address these two issues based on scientific merit and preference indicated by authors:

- (1) Oral Themed Presentation Sessions
- (2) Poster Round Presentation Sessions

In some instances, abstracts may be transferred to a category in which they were not submitted based on their relative contribution to scholarship and knowledge within the field and their perceived potential to spark discussion and/or be furthered by ongoing open contribution. In these cases, the abstract authors may

receive a request for modification to fit within the format of the session. Authors may appeal these decisions if they are not comfortable presenting in the new format, although accommodation of this appeal is not guaranteed.

Presentation Format Types

1. **Oral Themed Presentation:** This session format includes short oral presentations grouped together by theme. Each presentation consists of a 10-minute commentary. The presentations will be followed by an extended group question and answer session. There are generally 4-5 presentations scheduled in each oral themed session grouping. Oral themed sessions are scheduled during the parallel/breakout sessions. A computer and projector will be available in each room and presentations will be collected ahead of time.

2. **Poster Round Presentation:** Posters will be displayed throughout the conference (in-person only) and authors will present their posters during themed sessions at various points throughout the conference.

Language: English

Abstract/Proposal Review:

Accepted abstracts and proposals must yield important information that will benefit patient care, demonstrate the value and utility of pediatric simulation in healthcare education, credentialing, research, patient safety, and simulation center design and operations, or otherwise advance the field of pediatric simulation. The International Pediatric Simulation Society (IPSS) will make the accepted abstracts available in electronic format prior to the conference. Abstracts may be published online as submitted by the Abstract Committee.

Abstract/Proposal Submission

Categories: Abstracts and proposals should be submitted in one of the categories as detailed below.

1. Research

The focus of submissions in this category is to disseminate new knowledge or understanding regarding simulation in pediatric healthcare. Highly successful submissions in this category will address a specific research question, describe a design and methodology appropriate to the question, and demonstrate rigorous data collection, management, and analysis, while clearly and concisely presenting the results and implications of the study. Submission of abstracts describing both quantitative and qualitative research, as well as mixed methods research, is encouraged. Accepted submissions from this category will be invited for presentation at IPSSW2023 as either oral presentations or poster presentations alongside other research submissions on related themes. Those submitting may look to “Reporting Guidelines for Healthcare Simulation Research” for guidance on best-practices (<http://www.ncbi.nlm.nih.gov/pubmed/27465839>)

2. Innovation

The focus of submissions in this category is innovation and best practices in simulation education, systems integration, patient safety and technology advances. This category does not address a specific research question or test a hypothesis but may involve innovation in design and engineering of simulation technologies and systems, along with concepts related to pediatric simulation programs and/or simulation education practice. Submissions for technology innovation abstracts should describe the problem, limitation or need as related to a simulation technology or system and how the work resolved the problem. Education abstracts should describe best practices in simulation programs and/or education that will be useful for other practitioners. While the focus of these submissions will be on the innovation itself, the presence of appropriate evaluative methodology will be assessed and will factor into the final acceptance decision. Accepted submissions from this category will be invited for presentation at IPSSW2023 as oral presentations or poster presentations.

3. Ideas and Works in Progress

The focus of submissions in this category is the presentation of new and innovative ideas or works in progress in pediatric healthcare simulation, which would benefit from in-depth discussion among peers and experts. Authors are encouraged to present new concepts, discuss unanswered questions, and highlight difficulties in carrying out simulation research and education. Abstracts addressing both research and education/technology innovation will be considered. Accepted submissions to this category will be presented in round table sessions involving 3-4 presenters, followed by an expert-facilitated discussion, or as poster presentations. The submitted proposals do not have to be finalized at the time of submission.

Subject matter descriptors:

After selecting the appropriate submission category based on the descriptions above, authors will select subject matter descriptors for their submission, based on the content of their abstract. This will help the Abstract Committee to group accepted submissions within the conference program. A number of descriptors will be presented to authors, including:

- Program development / administration and program management
- Innovation/ future direction and outreach simulation
- Simulation instruction design and curriculum development
- Faculty development
- Debriefing and teaching methodologies
- Assessment (including use and validation of measurement and assessment tools)
- Multimedia, e-learning and computer-based instruction
- Serious games and virtual environments
- Patient safety and quality improvement
- Process improvement and organizational change
- Crisis resource management/human factors and teamwork
- Simulation for procedural and psychomotor skills
- Interprofessional Education (IPE)
- Educational methods and theory
- Ethical and cultural issues

- Educational outreach (including remote, rural and international simulation education)
- Certification
- Simulation technology (including novel adaptations of current mannequins, technology, and hardware and/or software, or the development of new hardware or software for simulation-based education)
- Physiological modeling applied to education and patient safety

Formatting Guidelines:

Abstracts are limited to 3000 characters including spaces and not including author names and affiliations or references. Submitted abstracts may be revised online up until the deadline date.

For inclusion in the Conference Proceedings please bear in mind the following:

- **Abstracts and proposals must be submitted electronically via on-line submission.**
 - The title should be no longer than **100 characters**.
 - Graphs, tables and illustrations are allowed to be submitted as part of the abstract.

Formatting of each submission category is outlined below:

1. Research Abstracts

Background: Provide background information on a gap in current knowledge or need in the specific area that your abstract addresses. State why the topic is important to the pediatric healthcare simulation community. If appropriate, include citations to relevant literature.

Research Question: State the primary research question the study seeks to answer. For quantitative research, a description of the hypotheses should also be provided.

Methodology: Describe the approach taken and methods used to answer the research question.

- For quantitative research, this may include a description of the study design, independent and dependent variables, participants, protocol, and statistical analyses. Relevant theoretical frameworks should be referenced if applicable.
- For qualitative research, this should include: a description of the methodology (e.g. grounded theory, ethnography, etc.) or overarching design/conceptual model of the work, including how theory informed data collection and analysis, the methods used (e.g. semi-structured interviews, participant observation, etc.), and how the data were analyzed.

Results: Describe the results of the data analysis. Tables, images, or representative quotes may be used to report results; however, these will be included in the character total.

Discussion/Conclusions: Describe your conclusions, if and how the results address the primary research question, and the implications of the findings in the

broader literature. Also state the relevance of the study results for the pediatric healthcare simulation community.

2. Innovation Abstracts

Context: Provide a description of the context in which the innovation was developed, implemented or evaluated. This may include a description of the need or problem that this work attempts to address, a rationale for why the innovation is necessary, and how the proposed innovation is novel or improves on existing methods. The significance for the pediatric healthcare simulation community should also be addressed. Include citations to relevant literature if appropriate.

Description: Provide a detailed description of the innovation, such that other simulation practitioners may be able to adopt or replicate the approach taken by the authors. You may wish to include a description of the process used to develop the innovation, the target audience, the materials and techniques used to develop the innovation and how it was implemented in the given context.

Observation/Evaluation: If a formal evaluation of the program was conducted, describe the approach to the evaluation and the subsequent results. If a formal evaluation was not conducted, describe any observations made during the implementation of the intervention, and the relevance of these observations to the design of the innovation. Tables or images may be included in this section as appropriate.

Discussion: Discuss what was accomplished, the adequacy of the innovation in addressing the need or problem identified, any lessons learned from the implementation and/or evaluation of the innovation, and the potential utility for other simulation practitioners. Address any changes to the innovation that the authors recommend, and any follow-up work that may be required. Also discuss the implications of the work for the pediatric healthcare simulation community.

3. Ideas and Works in Progress Abstracts

For this category, authors are asked to provide an abstract in whatever format best fits their needs. The purpose of the abstract is to allow the reviewers to get an understanding of the idea being proposed and/or the work being undertaken, and its potential to advance pediatric healthcare. In addition, reviewers are interested in understanding any difficulties or problems you are facing in addressing the specific issues raised in the submission. Thus, we encourage presentations of dilemmas, difficulties, unanswered questions, and methodological choices as well as submission of work in progress or completed work. You may also present your ideas about a new study, research direction, or grant application. Abstracts in this section will be judged based on clarity of presentation of ideas and/or current work, and insight into the problems associated with pediatric healthcare simulation that are raised in the submission.

The authors may wish to include some, or all of the elements described below, either in a structured or unstructured format (please adapt as you see fit):

- Title
- Discussant
- Background
- Research Question/ Educational Goal
- Proposed approach to addressing the question or goal
- Conundrum or difficulty encountered
- Questions for discussion

Please note that incomplete abstracts or those submitted beyond the due date will not be considered.

Important Dates

Abstract Acceptance Notification – 20 February 2023

Abstract Confirmation Deadline- 27 February 2023

Early Bird Registration Deadline - 31 January 2023

PowerPoint Presentation Due - 31 March 2023

Conference Registration

All authors whose abstracts are accepted for presentation must pay full applicable registration fees. Exhibitor representatives must pay full applicable registration fee if presenting an abstract.

Ethics Consideration

All abstracts must indicate that their local Institutional Review Board (IRB) reviewed their research as well as the outcome of that review, or that IRB review was not applicable.

Conflict of interest

All presenting authors must indicate that they do or do not have a financial interest/ arrangement or direct affiliation with a corporate organization that has a direct interest in the subject matter of the abstract (including manufacturer(s) of any product or provider(s) of any services).