Dear SoSILM Section members:

As we enter the new year, I hope you were able to find time to spend with people who are important to you this holiday season. As you read this newsletter, you’ll learn a little more about what is important to us, as leaders of the AAP Section on Simulation and Innovative Learning. We were delighted to be able to partner with so many different groups within the AAP to offer innovative learning during the National Conference and Exhibition (NCE) and to highlight lots of innovative learning opportunities during our oral presentations and poster session. NCE 2024 will be here soon -- I also hope you are all thinking about what you might be doing that you could share with a wider audience. Let us know!

Marjorie Lee White
SoSILM EC Chair

Interested in joining SoSILM?
Use the QR code to join - all professions are welcome!
A few months ago, I had the pleasure of meeting with the Section on Simulation and Innovative Learning Methods (SoSILM) executive committee to provide an update on the activities and priorities at the American Academy of Pediatrics (AAP) and wanted to share a summary with the section.

As you know, the AAP’s mission is to attain optimal physical, mental, and social health and well-being for all infants, children, adolescents, and young adults and we strive towards this mission through the three pillars of policy, advocacy, and education. We continue to work on the strategic priorities emphasized by the Board of Directors given the landscape of pediatric care. For 2024, these include:

- Healthy Mental and Emotional Development,
- Environmental Health and Disaster Readiness,
- Equity, Diversity, and Inclusion
- Safety and Wellbeing within the Pediatric Profession.

The goals of the Global Child Health and Life Support department directly align with the AAP’s mission along with:

- Develop, implement, and research curricula and interventions designed to improve the quality of care for newborns, children, and adolescents.
- Support other professional societies to achieve sustainable independence.
- Provide AAP members with the skills and opportunities they need to improve the health of children around the world.
- Offer clinical skills training programs that are state-of-the-art in science, learning methodology and technology.
I am thrilled SoSILM lives in the department of Global Child Health and Life Support and is directly connected to our simulation program and staff who are here to support and guide the efforts of the section. The AAP now has a formal affiliation between the International Pediatric Simulation Society (IPSS), strong relationships with our vendors, and provides expertise and support for events for various programming at the Academy. We appreciate the work of our many members, who have volunteered their time and experience to collaborate with our team on the development of the Equity and Anti-Racism in Global Healthcare virtual reality product now available for purchase through ShopAAP, simulation programming at the National Conference and Exhibition, and the Who, What, When, Where, Why, and How in Clinical Event Debriefing pilot project.

Since becoming a section in 2020, SoSILM has grown in membership as well as meaningful activities that impact members. As we kick off the new year, I hope you have a chance to pause and reflect on the extraordinary work that you do every day to improve the well-being of all children. We are excited to see what the SoSILM will accomplish in 2024!

2023 AAP National Conference & Exhibition (NCE) Recap

**AAP Resource Center Pediatric CPR Skills Challenge**

The AAP Resource Center was active with members and families participating in the Pediatric CPR Skills Challenge Race. Thank you to our SoSILM members, Dr.’s Abdell Abdelwahab, Natasha Afonso, Sara Bibbens, Nicolas Erbrich, Vanessa Perez, Marjorie Lee White, Chris Kennedy, Khawar Nawaz, and Tereza Sigaud who volunteered to help facilitate the booth!
Joint H-Program: The Medical Educator’s Digital Toolbox

SoSILM, the Section on Internal Medicine and Pediatrics (SOMP), and the Committee on Continuing Medical Education (COCME) facilitated a collaborative H-program titled “The Medical Educator’s Digital Toolbox” focused on exploring innovative online approaches to engaging and educating clinicians and patients. The morning presentations and panel discussions reviewed the increasingly essential roles that telemedicine and social media play in both clinical care and education. The Digital Educator’s Toolbox small group break-out sessions focused on podcasting, generative AI, and social media.

Abstract Program

The SoSILM inaugural Professor Rounds took place at the 2023 NCE SoSILM Poster Session! The abstracts featured exciting projects and research in simulation and innovative learning methods. There were also two oral presentations presented at the conclusion of the Medical Educator’s Digital Toolbox joint H-program. Thank you to the faculty, SoSILM Executive Committee, and SoSILM Members who participated in the professor rounds.

Check out the full list of accepted abstracts on the next page!
### 2023 AAP National Conference & Exhibition (NCE) Recap Continued

<table>
<thead>
<tr>
<th>Submission Title</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Pediatric Tele-Education Model for Primary Care Providers and Outcomes in Provider Self-efficacy and Patient Emergency Department Use</td>
<td>Flora Howie</td>
</tr>
<tr>
<td>A Study on the Efficacy of Didactic Modules in Preventing Residents from Ordering Unnecessary Testing</td>
<td>Nikita Sardana</td>
</tr>
<tr>
<td>Achievements and challenges of a Paediatrics Simulation Programme (PSP) in resource-constrained healthcare settings, The KeepMeSAFE Project.</td>
<td>Arowa Othman</td>
</tr>
<tr>
<td>Addressing Biased Families of Pediatric Patients: a Simulation-Based Pilot Training Program for Residents</td>
<td>Juhi Rattan</td>
</tr>
<tr>
<td>Assessing Emergency Medicine Resident Comfort and Perceived Competence in Disclosing Concerns of Child Abuse</td>
<td>Lauren Nelson</td>
</tr>
<tr>
<td>Coping with death: medical student curriculum on discussions around death and dying</td>
<td>Thi Tran</td>
</tr>
<tr>
<td>Current Utilization Practices and Attitudes towards Clinical Event Debriefing in Pediatrics: A Needs Assessment</td>
<td>Shiva Zargham</td>
</tr>
<tr>
<td>Module-Based Education for Pediatric Interns: Improvement in Comfort Level in Management of Single Ventricle Congenital Heart Disease</td>
<td>Trisha Patel</td>
</tr>
<tr>
<td>Never/Always: Disconnect Between Trainee and Faculty Perception of Feedback Frequency</td>
<td>Karen Schaeffer</td>
</tr>
<tr>
<td>Perspectives on Pediatric Critical Care Transport Teams Simulation - Qualitative Analysis of Interviews with Transport Directors in the Multi-Center ImpACTS Transport Simulation</td>
<td>Rachel Umoren</td>
</tr>
<tr>
<td>Pilot Project on Clinical Event Debriefing</td>
<td>Len Tanaka</td>
</tr>
<tr>
<td>POCUSed! Point-of-care ultrasound education through a multi-disciplinary curriculum for neonatology, pediatric critical care, and pediatric emergency medicine fellows</td>
<td>May Chen</td>
</tr>
<tr>
<td>Supporting Use of Biologic Therapies in Pediatric Asthma: Results of a Medical Education Virtual Symposium and On-Demand E-Learning Programs</td>
<td>Meghan Coulehan</td>
</tr>
<tr>
<td>The Power of the Parent Voice: Impact of Including a Patient Advocate in a Continuing Medical Education Symposium on Pediatric Atopic Dermatitis</td>
<td>Meghan Coulehan</td>
</tr>
<tr>
<td>Training Pediatric Residents in Ultrasound-Assisted Lumbar Punctures: Performance, Self-efficacy, and Acceptance</td>
<td>Ngozi Eboh</td>
</tr>
<tr>
<td>Ultrasound-Guided Regional Anesthesia for the Pediatric Emergency Medicine Physician: A Novel Educational Intervention</td>
<td>Alec Tolentino</td>
</tr>
<tr>
<td>Unique Educational Challenges Experienced in the Neonatal Intensive Care Unit While Managing Mechanically Ventilated Infants</td>
<td>Peter Janzen</td>
</tr>
<tr>
<td>Use of a SimBox Newborn Resuscitation Simulation to Measure and Improve Care Provided by Emergency Medical Services</td>
<td>Sofia Grigoria Athanasopoulos</td>
</tr>
<tr>
<td>Use of Simulation-Based Clinical Skills Innovation in Third Year Pediatric Clerkship</td>
<td>Kyrillos Attaalla</td>
</tr>
<tr>
<td>Via Zoom or in the room? Comparing Efficacy of a Pediatric Intern Communication Workshop in Virtual vs In-Person Formats</td>
<td>Ian Wong</td>
</tr>
<tr>
<td>An innovative standardized patient video-based motivational interviewing simulation to address provider success with vaccine hesitancy</td>
<td>Samreen Vora</td>
</tr>
<tr>
<td>Creation and use of high-fidelity simulators for neonatal neck and pediatric groin extracorporeal membrane oxygenation (ECMO) cannulation</td>
<td>Nicole Cimbak</td>
</tr>
</tbody>
</table>
2023 Dr. Lou Halamek Pediatric Simulation Excellence Award

Congratulations to the 2023 Dr. Lou Halamek Pediatric Simulation Excellence award recipient, Joseph O. Lopreiato, MD, MPH, CHSE-A, FSSH, FAAP, CAPT, MC, USN (ret) of the Uniformed Services University of the Health Sciences. The award recognizes outstanding contributions to child health through the use of simulation and innovative learning methods and was presented to Dr. Lopreiato at the 2023 American Academy of Pediatrics National Conference and Exhibition in Washington, DC by Louis Halamek, MD, FAAP. Thank you, Dr. Lopreiato, for your positive impact on the field of pediatric simulation and innovative learning!

Dr. Lopreiato kindly invited the SoSILM Executive Committee and AAP Simulation Program staff to tour the impressive Val G. Hemming Simulation Center at the Uniformed Services University of the Health Sciences! Thank you to all the Simulation Center staff for a wonderful visit and your hospitality.
SoSILM Updates

Executive Committee Transitions

Effective November 1st, 2023, Lola Stavroudis, MD, FAAP, has transitioned off the SoSILM EC. We are so appreciative of Dr. Stavroudis’ service, dedication, and leadership during her time with the SoSILM EC. Marjorie Lee White, MD, MPPM, MA, FAAP, FACEP (SoSILM Chairperson) presented Dr. Stavroudis with a plaque of appreciation at NCE during the SoSILM H-program.

Elections

The American Academy of Pediatrics 2024 Council & Section Election period will be open from March 1 – March 29, 2024. Be sure to place your votes for the SoSILM Executive Committee positions!

https://www.aap.org/vote
Dr. Natasha Afonso, MD, MPH, FAAP

Dr. Afonso is a cardiac intensive care physician and associate professor at Texas Children’s Hospital/Baylor College of Medicine. She graduated from the University of Pennsylvania with a degree in the Biologic Basis of Behavior and minors in Spanish and Psychology. After graduating, Dr. Afonso worked for a home visitation program for primarily immigrant women at Mary’s Center, a nonprofit clinic for women and children in Washington, D.C.

She went on to obtain her Medical Degree from Tulane University School of Medicine and her Master of Public Health with a concentration in International Health from Tulane School of Public Health and Tropical Medicine. After completing her residency at New York Presbyterian Hospital/Weill Cornell Medical Center, she completed her critical care fellowship and cardiac intensive care instructor training at Texas Children’s Hospital.

Dr. Afonso is interested in education and has been a course director for the Pediatric Fundamentals of Critical Care Support Course (PFCCS) both locally and internationally since 2016. She is the Medical Director of Simulation for the Heart Center and is the Associate Director for the CICU Instructor program. She is committed to making these programs better each year. Her other clinical interests involve acute kidney injury and addressing health care disparities in the inpatient setting, particularly for non-English speaking patients and their families. As a lifelong learner, she is working on a Masters of Health Professions Education as well as completing yoga teacher training!

Dr. Noorjahan Ali, MD, MS, FAAP

Dr. Noorjahan (Nora) Ali is an Associate Professor of Pediatrics in the division of Neonatal-Perinatal medicine at UT Southwestern and board-certified practicing neonatologist. She attended medical school at New York Medical College, completed pediatric residency at Children’s Hospital of Pittsburgh and her neonatal fellowship at Children’s Hospital of Colorado. After graduating from fellowship, she joined the faculty at UT Southwestern.

Her research focus is on special consideration in neonatal resuscitation including resuscitation of neonates outside the delivery room and resuscitation of infants with congenital anomalies in particular with congenital heart defects. She leads the resuscitation and simulation program at Children’s Medical Center Neonatal Intensive Care Unit and is a member of the hospital wide simulation committee. She is actively involved in the Children’s Hospital Neonatal Consortium as the co-chair of the resuscitation focus group and member of the cardiac focus group. She also serves as a member of the AAP NRP-PALS steering committee and AHA Get With the Guidelines task force and served on the AAP SOSILM WHICED pilot task force.
The International Meeting on Simulation in Healthcare (IMSH)

Visit the Laerdal Booth & Connect with Colleagues at IMSH 2024
January 20 - 24, 2024 in San Diego, CA!

- Check out the Scenario Cloud platform which provides a library of expert-curated content for immersive and efficient simulation training experiences allowing for tailored sessions with validated scenarios created by the American Academy of Pediatrics and other expert organizations, including:
  - Delivery room resuscitation of newborn with omphalocele
  - Resuscitation of 24-hour newborn with seizures
  - Resuscitation with PPV, Alternative Airway, Chest Compressions, Epinephrine & Volume
  - And Many More!

- Dr. Marjorie Lee White, SoSILM EC Chairperson, will be doing an interview with Laerdal at their booth on Monday, January 22 from 12p-1p PST. There will also be several SoSILM Executive Committee members and AAP Staff in attendance at IMSH. Please reach out to sosilm@aap.org if you are interested in connecting!

AAP Simulation Page on LinkedIn

Follow the AAP Simulation Page by clicking the link below!

Click Here

https://www.linkedin.com/company/aap-simulation/
The AAP Council on Clinical Information Technology (COCIT) has hosted two successful webinars on practical applications of AI in pediatric care. Check out the recordings linked below!

**Generative Artificial Intelligence: What Pediatricians and Pediatric Specialists Need to Know.**

**Generative Artificial Intelligence for Medical Education in Pediatrics.**

Upcoming webinar in January 2024: Registration is available at [https://bit.ly/3tAs3NO](https://bit.ly/3tAs3NO)

**Generative AI for Administrative Tasks in Pediatrics (Thursday, January 11, 11:00 AM Central)**

Questions about AAP’s AI webinars can be sent to [COCIT@aap.org](mailto:COCIT@aap.org), Stay tuned for topics and registration information for 2024!

---

**SoSILM Annual Section Meeting**

Thank you to those who attended the SoSILM Annual Section Meeting Tuesday, November 14 which featured a special presentation by this year’s Dr. Lou Halamek Pediatric Simulation Excellence Award winner, Joseph O. Lopreiato, MD, MPH, CHSE-A, FSSH, FAAP, CAPT, MC, USN (ret).

The Scientific Programming (Education), Membership, and Communication subcommittees provided report outs of the yearly accomplishments and what exciting work is on the horizon.

If you were unable to attend, check out the recording of the meeting on the [SoSILM Collaborative Site](https://sosilm.org).
### Upcoming Meetings

- **International Meeting on Simulation in Healthcare (IMSH), January 20-24, 2024; San Diego, CA**
- **Pediatric Academic Societies Meeting 2024, May 2-6, 2024, Toronto, Canada**
- **International Pediatric Simulation Society 2024 (IPSSW), May 7-9, 2024; Denver, CO**
- **SimGHOSTS USA 2024, August 6-9, 2024; Indianapolis, IN**
- **American Academy of Pediatrics 2024 National Conference & Exhibition, September 27 – October 1, 2024; Orlando, FL**

### AAP Holiday Party

AAP Simulation Staff won the holiday tie contest at the AAP holiday party! This resulted in Mark Del Monte, JD, CEO/Executive Vice President of the AAP wearing the same holiday tie as SimJr!

![Holiday Party Images](image1.jpg)

---

### Fall Advocacy Report

On behalf of the federal and state advocacy team, we are pleased to share the updated Fall 2023 [AAP Advocacy Report](#), which summarizes the AAP’s recent federal and state activities all in one place.

![Advocacy Report Image](image2.jpg)
Name: Clara Song, MD, FAAP   Email: clarasono@me.com

Title: Neonatal Intensivist, Regional Physician Lead for Simulation-based Training in Neonatal-Perinatal Medicine (NPM)

Institution: Southern California Permanente Medical Center

Educational Background: Keck School of Medicine, USC; Mattel Children's Hospital, UCLA, Pediatric Residency; LAC/CHLA at USC, NPM Fellowship

Research Expertise: Happy to collaborate with anyone! Link to most recent publication from DRIVE network: Laryngeal mask use during neonatal resuscitation at birth: A United States-based survey of neonatal resuscitation program providers and instructors

Professional Experience: University of Oklahoma: Director of Education in NPM, 2013-2021; Physician Lead for Simulation-based Training in Newborn Medicine, 2016-2021


Willing to work with other SoSILM members for future collaborations in the field of simulation: Yes!

Project Title: NeoStars: Simulation and Feedback for Neonatal Resuscitation

Project Role: Co-creator and Organizer of NeoStars Workshop

Objective: To practice NRP skills with competition-style gamification, simulation and rapid-cycle deliberate practice with feedback

Challenges you have encountered and how you have solved them: This workshop premiered at 2023 NCE. Low-fidelity simulation was required due to logistical challenges. Faculty facilitators brought in all supplies, equipment, and mannequins. No compressed air source - used self-inflating bag instead of recommended T-piece resuscitator.

Conclusion: Workshop was feasible and appeared to achieve the goals, which was to review and practice NRPM skills.

Future Plans: Future plans for simulation work: NeoStars workshop with occur at the 2024 NRP Current Issues Seminar, and was submitted again as a NCE General Session workshop. Advise other SoSLIM junior members on how to proceed and explore the simulation research and advance their simulation experience in general: Find a mentor in sim space - there a plenty of generous & extraordinary people!
Pediatric resuscitation, characterized by its stressful, high-risk and time-sensitive nature, has always faced challenges affecting patient outcomes. Today, the integration of simulation and mobile medical apps at the forefront of pediatric emergency medicine is increasingly improving the quality and safety of healthcare. The future of medical apps in pediatric simulation offers the potential to refine the accuracy of training, improve emergency interventions and reduce medication errors, promising better prospects for pediatric patient outcomes.

If you would like to know more about the history, present and the future of using apps in simulation, you can learn more by going through the work done over the years by Dr. Johan N. Siebert, Geneva University Hospitals.

Email Dr. Siebert for future collaboration: Johan.Siebert@hcuge.ch

- A Mobile Device App to Reduce Time to Drug Delivery and Medication Errors During Simulated Pediatric Cardiopulmonary Resuscitation: A Randomized Controlled Trial(2017)
  
  Link: https://www.jmir.org/2017/2/e31/

- A mobile device application to reduce medication errors and time to drug delivery during simulated paediatric cardiopulmonary resuscitation: a multicentre, randomised, controlled, crossover trial(2019)
  
  Link: https://www.thelancet.com/journals/lanchi/article/PIIS2352-4642(19)30003-3/fulltext

- Effect of a Mobile App on Prehospital Medication Errors During Simulated Pediatric Resuscitation A Randomized Clinical Trial(2021)
  
  Link: https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2783613
Let’s Hear from You!

The SoSILM communications committee would like to hear about exciting research, projects, or innovations related to simulation and innovative learning methods. Fill out this short communications intake form to enter your work to be highlighted in a future SoSILM newsletter edition.

Click Here

Acknowledgements

Section on Simulation and Innovative Learning Methods Executive Committee
Chair: Marjorie Lee White, MD, MPPM, MA, FAAP, FACEP
Communications Subcommittee: Abdellatif Abdelwahab, MD, FAAP
Membership Subcommittee: Natasha Afonso, MD, MPH, FAAP, Nora Ali, MD, MS, FAAP
Education Subcommittee: Sara Bibbens, DO, FAAP, Dennis Daniel, MD, FAAP

Liaisons and Representatives
Liaison: Section on Pediatric Trainees (SOPT): Lauren Nelson, MD
Nomination Committee Chair: Joseph O. Lopreiato, MD, MPH, CHSE-A, FSSH, FAAP
Nominations Committee: Jennifer Cerone, MD, FAAP; Kiran Dwarakanath, MBBS, FAAP; Raysa Morales-Demori, MD, FAAP

Section on Simulation & Innovative Learning Methods Newsletter Editors
Henry Lin, MD, FAAP, MBA
Joseph Lynch, MD, FAAP, CHSE

AAP Staff
Director, Simulation & Clinical Skills Training: Michelle Olech Smith, DNP, MS, RN, CHSE
Manager, Simulation Programs: Kate Lindley, MSN, RN, CHSOS, CHSE
Simulation Programs Operations Specialist: Nicole Keating, MS
Global Newborn & Child Health Coordinator: Lauren Wagner

Thank You