

IMSH DAILY

Monday January 22, 2024



JANUARY 20 – 24, 2024 | SAN DIEGO, CA

**IDEA - INNOVATE. DISSEMINATE.
EDUCATE. ADVOCATE.**

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IMSH 2023 Exhibit Hall.

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for Schedule Updates**

Advocating for Simulation

Society for Simulation in Healthcare (SSH) President-Elect Dr. Barry Isenberg, MD, recently spoke with *IMSH Daily* about healthcare simulation and his priorities for the coming year.

Isenberg began by reflecting on the IMSH 2024 theme: *IDEA – Innovate. Disseminate. Educate. Advocate.*

“The healthcare simulation community, a collective of dedicated professionals, demonstrates its significant influence and pivotal role in transforming and advancing healthcare through the four central themes of this year’s IMSH,” he said. “Innovation, for example, is at the heart of this community, where experts continually develop and integrate advanced technologies and methodologies to create more effective and realistic simulation experiences. This drive for innovation ensures that simulation remains at the cutting edge of healthcare education and practice.”

He noted that the theme of dissemination “reflects the community’s commitment to sharing knowledge and breakthroughs, extending the reach of their work to a global audience,” adding, “In education, these professionals are instrumental in crafting and delivering comprehensive simulation-based training, enhancing the skills and preparedness of

healthcare practitioners.”

“Lastly, through advocacy, the community champions the vital role of simulation in healthcare, striving to embed it firmly within medical training and practice, and highlighting its impact on patient safety and outcomes,” he said. “Professionals in healthcare simu-

lation, including practicing clinicians, educators, engineers, programmers, and simulationists, contribute to the field in several key areas: innovation, education, advocacy, and dissemination. Each group brings unique skills and perspectives that enrich the field and drive its progress.”

Asked for his perspective on the growth of simulation in healthcare over the last several years, he said, “Over the past few years, the field of healthcare simulation has witnessed substantial growth and trans-

formation. This growth is fueled by technological advancements, increased recognition of simulation’s value in health sciences education, and the changing dynamics of healthcare delivery in the wake of the COVID-19 pandemic. Some of the key developments and trends in healthcare simulation since 2020 include: technological innovations; expansion of remote and virtual simulation; increased emphasis on non-technical skills; research and

continued on page 4



Dr. Barry Isenberg

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Certification Council Focuses on Diversity, Equity, and Inclusion

The Society for Simulation in Healthcare (SSH) Certification Department is proud to announce the launch of the first examination forms for both the Certified Healthcare Simulation Educator (CHSE) and Certified Healthcare Simulation Operations Specialist (CHSOS) programs developed from the 2024 examination blueprints. This launch concludes the practice analysis cycle that started in September 2022 and begins the maintenance cycle for the exams for the next five years.

The practice analysis is a systematic process of identifying the knowledge, skills, and abilities (KSA) a certified healthcare simulation

professional is expected to perform and possess. It is an essential step in the development of any certification program, as it ensures that the exam itself is aligned with actual practice. The practice analysis is a core element of the National Commission for Certifying Agencies (NCCA) Standards for the Accreditation of Certification Programs.

Conducting a practice analysis every five years is just one way SSH promotes validity, fairness, and reliability in its certification programs. The 2024 process was adjusted to specifically focus on fairness and incorporate diversity, equity, and inclusion (DEI) elements. The subject matter experts who

served on the practice analysis committee were guided by Prometric Assessment Design and Psychometrics staff to identify potential biases for the purpose of ensuring that the exams are fair to all candidates. This means considering the needs of all candidates, regardless of their race, ethnicity, gender, sexual orientation, socioeconomic status, disability, or other factors.

One area of focus when reviewing the KSAs was to identify any areas where there may be barriers to access and success for certain groups of people. Three focus groups were assembled for the purpose of reviewing the KSAs and three meetings were held across the globe in the U.S., Singapore, and Italy. Subject matter experts who participated on the panels represented a wide range of regions including North America, South America, Asia, Oceania, Europe, and the Middle East. Along with the traditional KSA review criteria of "Is this KSA performed frequently in your practice?" and "Is this KSA important to your practice?" panel members were asked to consider the following:

Is any performance or practice indicated by the KSA illegal in your region?

Is education on this KSA not available/accessible in your region?



Tim Whitaker
SSH Certification Council Vice Chair



Is any performance or practice indicated by the KSA inconsistent with the religions/norms and social practices in your region?

Is the language/phrasing of the KSA not readily understood by practitioners in your region?

Are any procedures or practices referred to in this KSA not performed in your region?

These considerations are unique to the SSH practice analysis process and are not required or commonly recommended by assessment design best practices. Thus, the examination blueprints, which resulted from the 2024 practice analysis process, look a little different than in the past. One noticeable change is the new

blueprints now contain examples with some KSAs. These examples are given to help clarify, especially for English as a Second Language (ESL) candidates, the sometimes complex concepts presented.

The work of the Certification Council to make certification exams more accessible for ESL candidates, neurodivergent candidates, and candidates with disabilities has not ended with the practice analysis. Other new changes include incorporating elements of DEI into the training provided to item reviewers. This new training was provided for the first time in September of 2023.

The Certification Council continues to support SSH's existing offerings to assist candidates. These offerings include providing extended test times for ESL candidates, breaks for candidates with medical conditions, and assistive technology built into the computer-based testing system, like magnifying software and the ability to hide the timer and progress chart to reduce distraction.

Through the incorporation of DEI elements, and their commitment to validity and fairness, the Certification Council continues to commit to transparency about the exam process in an effort to create a more inclusive and equitable environment for all candidates.

IMSHDAILY

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Advocating for Simulation *... continued from page 1*

evidence-based practice; and global outreach and accessibility.”

In the case of technological innovations, Issenberg highlighted the integration of cutting-edge technologies as significant drivers of growth in healthcare simulation, noting that the use of virtual reality (VR) and augmented reality (AR) has become more prevalent, resulting in immersive and interactive training environments. He added that artificial intelligence (AI) and machine learning (ML) have also been incorporated to create adaptive learning experiences, where the simulation environment responds to the learner’s actions, offering customized feedback and challenges.

He said that the expansion of remote and virtual simulation resulted, in part, from the COVID-19 pandemic, which necessitated the rapid adoption of remote and virtual simulation methods.

“Physical distancing and the reduction of in-person training led to the innovation of tele-simulation and web-based platforms,” he said. “These platforms allow learners to engage in simulation scenarios from remote locations, ensuring continuity in training and education during periods when access to traditional simulation centers was limited. This shift not only addressed immediate needs during the pandemic but also paved the way for more accessible and flexible simulation training options.

“In terms of increased emphasis on non-technical skills, healthcare simulation has broadened its focus to increasingly focus on the training of skills such as communication, leadership, decision-making, and teamwork, skills which are vital for effective clinical practice and improving patient outcomes.”

He continued, “The last three years have seen a surge in research activities in healthcare simulation. Studies are focusing on the efficacy of simulation-based education, its impact on patient outcomes, and best practices in simulation training. This is exemplified by the successful SSH Research Summit that took place last year and is now producing a series of best practice guidelines on a range of topics that underwent rigorous review.”

Turning to the final identified trend, global outreach and accessibility, Issenberg offered,

“The last several years have witnessed a concerted effort to make healthcare simulation more accessible globally, especially in low-resource settings. Organizations and institutions have been working on developing cost-effective simulation solutions and training programs that can be implemented worldwide, democratizing access to high-quality healthcare education. There is no better example of this than the Laerdal Global Health program that has seen historic benefits of simulation-based training in low-resource countries, targeting maternal and infant survival. This has also been carried out on a large scale, not previously seen.”

Looking out to the next one or two years, Issenberg observed that one common and long-standing challenge in healthcare simulation involves its integration in existing curricula, and measuring its effect and impact.

“Effectively integrating simulation into existing curricular programs can be difficult, making collaboration between educators, clinical experts, and administrators very important,” he stated. “As with any new technology, curriculum development should be flexible, allowing for the incorporation of simulation in a manner that complements traditional teaching methods.”

“Another common challenge is that advanced simulators and technology-based simulations can be expensive, and maintaining these systems requires significant resources,” he added. “Institutions can collaborate to share resources, seek funding through grants, or invest in scalable and reusable simulation tools. Utilizing more cost-effective virtual or augmented reality technologies can also reduce expenses. Beyond the cost to obtain and maintain these systems, implementing and operating advanced simulation technology can be complex, requiring specialized skills. Investing in training for technical staff and educators is essential, as partnerships with technology providers for support and training can also be beneficial. Because not all institutions or regions have equal access to high-quality simulation facilities, the use of mobile simulation units, remote or tele-simulation platforms, and online simulation programs can enhance accessibility. This is

facilitated through collaborations and networks that can help in sharing resources more broadly.”

Balancing against these challenges, Issenberg identified a future rich with significant opportunities.

“Simulation lies at the intersection of three major elements - education and training, innovative technologies, and delivery of patient care. Each of these are undergoing significant change and simulation can leverage the disruptive changes to serve as a bridge for the outcome of safe, effective, high-quality care through the training of current and future practitioners,” he asserted. “This unique positioning allows healthcare simulation to leverage the strengths of each sector, leading to enhanced learning experiences, technological advancements, and improved patient outcomes.”

Elaborating on the opportunities that he sees in areas of education and training, he said, “At its core, healthcare simulation is a tool for education and training, providing a practical and interactive learning environment for healthcare professionals at all stages of their careers. It offers a safe space for learning and practicing clinical skills without risk to actual patients. Through simulation, learners can experience realistic clinical scenarios, from routine procedures to rare, complex cases. This hands-on approach helps in bridging the gap between theoretical knowledge and clinical practice. It allows for the rehearsal of scenarios, fostering critical thinking and decision-making skills. Furthermore, simulation is instrumental in interprofessional education, promoting teamwork and collaboration among different healthcare disciplines, which is crucial for delivering high-quality patient care.”

Closing with a message to IMSH 2024 attendees, he said, “As we convene this week, let us resolve to advocate for simulation in healthcare training, demonstrating its role in enhancing learning and improving patient outcomes. And I urge you all to become ambassadors of this cause, sharing your experiences and insights both within and beyond this conference, to bridge the gap between simulated environments and real-world clinical excellence and create a global impact.”



Monday's Plenary Features Lou Oberndorf Lecture

This morning's IMSH Plenary Session [8:30-9:45 am] features the Lou Oberndorf Lecture on Innovation and Healthcare Simulation. This year's speaker is Kindra Hall.

Kindra Hall

Hall told her first story in the spring of 1992.

Long before storytelling became a business buzzword, Kindra was fulfilling a 5th grade language arts assignment by reading a story to a room full of out-of-control 3rd graders. Instead of reading from the pages, Kindra set the storybook aside and told the story herself. Within the first few sentences, she held those unruly 3rd graders in the palm of her hand and knew, in that moment, she had stumbled upon something powerful.

Since that time, Hall has become the go-to expert for storytelling in business and beyond. She is the best-selling author of *Stories that Stick: How Storytelling Can Captivate Customers, Influence Audiences, and Transform Your Business*, which debuted at #2 on *The Wall Street Journal* Bestseller List, and companies like Forbes and Gartner say it "may be the most valuable business book you read." And her newest book, *Choose Your Story, Change Your Life* is one of the Next Big Idea Club's top 10 happiness books.



Today at IMSH

Monday, January 22

Plenary Session – The Lou Oberndorf Lecture on Innovation and Healthcare Simulation featuring Kindra Hall

Plenary Hall – 8:30-9:45 am

Exhibit Hall Open

Exhibit Hall – 9:30 am-4:00 pm

Research Posters Displayed

Exhibit Hall – 9:30 am-4:00 pm

Technology Experiential Area

Exhibit Hall – 9:30 am-2:00 pm

SSH Corporate Roundtable Learning Labs

Rooms 9, 10, 11A, 11B – 10:00-11:00 am; 2:00-3:30 pm; 4:00-5:30 pm

Lunch

Exhibit Hall – 11:00 am-2:00 pm

SimVentors Showcase

Exhibit Hall – 11:00 am-2:00 pm

SSH Main Stage Presentation: Simulations Save Lives!

Major Reduction in Maternal and Newborn Deaths After Implementation of Safer Births Training – Hege Langli Ersdal

Plenary Hall – 4:00-5:00 pm

[See the SSH Events App for schedule and topic updates](#)

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SSH Education = Events

IMSH is THE biggest, best event in the healthcare simulation industry. Couple it with SimOps, and SSH, along with its other offerings, is the unquestioned leader in relevant, high-quality events.







SSH Education = Research Info & Resources

An extensive resource library? Check. A living, growing, Knowledge Map? Got that, too. An International Simulation Data Registry? You bet. Those are just three core cogs to the SSH info machine!

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-  **Accredited learning:** Nearly everything SSH offers is done so with you in mind, offering IPCE hours to help you keep those certifications and credentials you've worked for.



Scan the code to learn more.

Or, visit: ssih.org/Professional-Development

New Exhibitors

IMSH 2024 and SSH extend a warm welcome to the exhibitors who are new to IMSH this year.

Aibo Health	Booth 647
ATI Nursing Education	Booth 1136
BVS Trade F.Z.C	Booth 640
ChartFlow	Booth 1040
Coursey Enterprises	Booth 244
EdEHR Technologies Inc	Booth 132
EHR Go	Booth 145
Elsevier	Booth 1030
GTSimulators by Global Technologies	Booth 441
Guangzhou Magic Ultrasound Co. , Ltd.	Booth 744
Luna Labs USA	Booth 747
Medability	Booth 446
MedCart AR (Summit Venture Studio)	Booth 1142
MicroHealth, LLC	Booth 545
MindLum	Booth 348
NEWBASE Inc.	Booth 445
PANCKOO INC.	Booth 442
Polytek Development Corp.	Booth 543
Rescue Essentials	Booth 741
Sim U Suit, Inc.	Booth 1130
SimHawk	Booth 108
SKILLQUBE GmbH	Booth 1122
SurgeonsLab AG	Booth 541
Techline Technologies, Inc.	Booth 148
True Phantom Solutions Inc.	Booth 1034
University of Washington, Division of Healthcare Simulation Science	Booth 347
WorldPoint	Booth 1048

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Limbs & Things Adds Augmented Reality to Task Trainers for Enhanced Learning

Limbs & Things [Booth 523] is showcasing its new Augmented Reality Training (ART) mat at IMSH 2024. The ART mat allows learners to “look under the skin” and visualize internal anatomy in a 3D interactive way, helping to bridge the gap between theory and practicality of performing a procedure.

The ART mat works with everyday tablets and smartphones, accessing an app through a QR code to show a 3D, 360-degree interactive view of internal anatomy by physically moving around a simulation manikin so trainees can see a procedure from all angles.

According to company representatives, unlike expensive VR headsets, the ART mat is very cost-effective – it is automatically included in the purchase of a range of Limbs & Things products and can be bought to retrofit onto a previously purchased task trainer. It’s particularly useful for essential techniques such as lumbar punctures, catheterization, and epidurals because it shows the medical

professional what’s happening inside the body at the same time as they are carrying out the intricate procedure.

Early prototypes were developed to help with training in the obstetrics field and now have been applied initially to three Limbs & Things products: Catheterization, Lumbar Puncture, and Chest Drain, which cover a wide range of skills from undergraduate to specialist. The company aims to apply the ART mat to its PROMPT Flex products, and eventually apply augmented reality to a large range of its products.

Anne Allin, commercial director at Limbs & Things, said, “We wanted first and foremost to improve the training experience for some of the more invasive procedures, as well as standard diagnostic processes, that need to be carried out on a patient, but we also wanted it to be within reach cost-wise for as many teaching institutions as possible around the world.”

“It’s very important to us as a business that



our products are accessible, both from a practical and pricing point of view,” she continued. “Ultimately we want to improve all patient outcomes through better training, not just some.”

“This product is particularly exciting because it is using technology in a very simple yet highly effective way and takes training on our simulators to yet another level,” Allin said.

OEI Spotlights RealMom Birthing Simulator

Operative Experience (OEI) [Booth 133] is using IMSH 2024 to present its RealMom vaginal-delivery simulator with C-Celia Emergency Obstetrics Suite. Company representatives say that the combination of systems provides a fully integrated, hands-in-the-body birthing experience for learners – from natural deliveries to fully-operative emergency C-Section, postpartum hemorrhage control and emergency hysterectomy.

Describing RealMom as “the world’s most realistic and lifelike birthing simulator for mastering delivery procedures from normal deliveries to complications,” they credit the design with “the world’s only natural-delivery technology – an active, soft tissue birth canal, and real-time dilation and fetal station.”

RealMom’s Emergency C-Section Simulator enables full transverse or vertical emergency C-Section and delivery procedures, featuring abdominal wall and uterine incision and repair, while the Emergency Hysterectomy Simulator provides training for postpartum and cesarean hysterectomy procedures, including hemorrhage control and fully operable removal of the

uterus. The Postpartum Hemorrhage Control Simulator enables learners to practice hemorrhage control procedures, repair of complex lacerations and uterine artery injuries, and hemorrhage control techniques, including Bakri balloon, B-Lynch suture, Hayman suture and O’Leary stitch.

Learners can also experience and practice difficult deliveries with the Fetal Extraction Simulator.

“RealMom’s comprehensive approach to training makes this simulator unrivalled in the category, but it doesn’t end there,” said Paul Bernal, OEI vice president of global sales and business development. “Both the wireless, full-body female simulator and full-term baby offer unsurpassed realism and lifelike appearance. Learners frequently point to RealMom’s natural-feeling soft tissue and accurate internal anatomy with easy-to-feel landmarks and authentic pelvic structure.”

OEI’s RealMom, available in multiple skin tones, includes a fully realistic uterus, placenta and umbilical cord. Natural simulated delivery occurs through the active, soft tissue birth



canal, which provides human-like, real-time dilation and fetal station with massageable fundus and amniotic reservoir.

All fetal positions can be simulated, allowing for training in breech, shoulder dystocia, nuchal cord, cord prolapse, placenta previa and operative deliveries with forceps and vacuum assist.

Using the simulator’s tablet, Instructors control dilation and fetal station, facilitating physiological presentation and control of maternal and fetal heart rate, heart tones and contractions, pulses, blood pressure and SP02.

WHO ATTENDS?

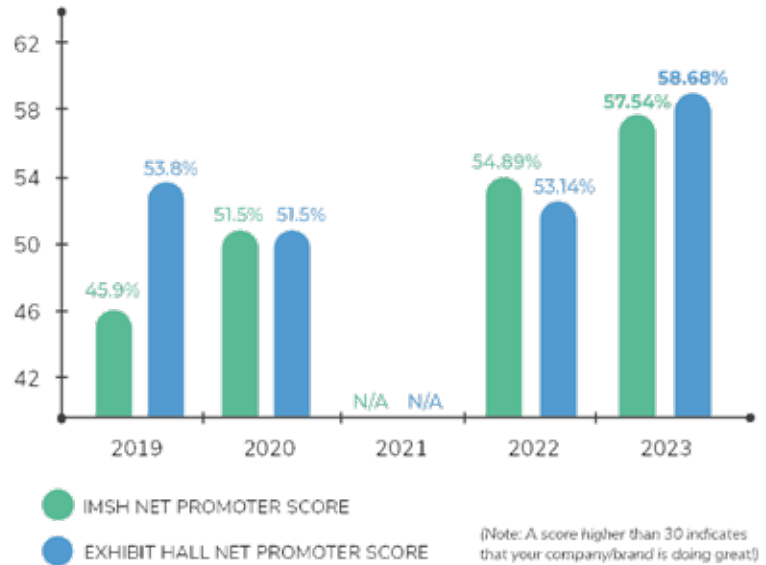
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IMSH attendees are movers and shakers! Of 596 answers provided, **nearly 86%** make or influence purchasing decisions for their organization ...



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WHERE ATTENDEES CAME FROM IN 2023

TOTAL COUNTRIES: 59
TOP 12 INCLUDE:



“Press Box” brings new opportunities to IMSH

One popular feature returning to the Exhibit Hall at IMSH 2024 is the “Press Box.”

According to Curtis Kitchen, CAE, Director of Marketing for the Society for Simulation in Healthcare (SSH), Press Box is one result of SSH strategic thinking about areas like marketing and communications.

“From the perspective of the marketing department, I wanted to create different content, to be able to showcase IMSH in a way that had not been done in the past,” he explained. “That thought led to a couple of conversations that uncovered media outlets in the space that were already dedicated to healthcare simulation, that might be perfect to partner with and invite in for them to do media coverage. It allows us to present our guests on the IMSH Exhibit Hall floor through outlets with interests similar to ours in terms of promoting and advocating on behalf of SSH and the healthcare simulation industry.

“That partnership has worked out really, really well over the first few years,” he continued. “It started as one single video camera booth three years ago. IMSH 2023 marked the second year, and we expanded the program by inviting podcasts to come in. This year we have three podcasts, which reflects strategic growth as well. We want to watch and learn [this year] where we want to go with the concept, so basically we are letting it run for one more year in this format. It has been a great model for us but, from a growth strategy standpoint, we’re probably going to tweak some things for next year and hopefully open it up for some other similar outlets to be able to join us in Orlando.”

Reflecting on last year’s lessons learned at IMSH 2023, Kitchen observed, “We are always tinkering and looking to see what we can do with the concept, and last year we went with an open background and showed the Exhibit Hall floor. We weren’t sure how it was going to look on playback, but we quickly realized that there was a lot of potential there for our exhibiting companies to get additional exposure, especially because much of that content can be used year around between IMSH events.”

He said that another takeaway message from the first few years of the Press Box involves things like anticipated interview



Press box at IMSH 2023 in Orlando



formats.

“We have gotten more comfortable with the question-and-answer elements,” he said. “For example, some of our interviewees are now asking ‘Can we have you add a few particular questions to what you ask?’ And the answer is yes. This is a partnership and the content that we’re producing, while we are controlling it, we want it to work for everyone. This isn’t a ‘gotcha’ interview. This is a straight promotional opportunity that checks boxes, both for our vendors and for our attendees. And it seems to work pretty well all the way around.”

Asked about specific changes that might be implemented at IMSH 2025, Kitchen said that one of the ideas currently being explored is to open up Press Box beyond the group of podcasters that have used it for the last couple of years.

“We want to see this turn into more of a media friendly event,” he observed. “And so, while we don’t have every detail worked out at this point, I could potentially see it turning into more of an application process for other media outlets that are out there, like other independent healthcare simulation podcasts or even general healthcare podcasts as they learn about IMSH and want to be at our conference. I can even see the possibility of vlogs and blogs being a part of that, where it’s not necessarily about having recorded content there, the way we’ve done with the podcasts and broadcasts to date.

“Those will continue. But if we turn it more into a gathering place for interviews to happen, and it really turns into a working press box, that might be pretty cool, too, if it becomes this larger living, breathing, content-creating space at IMSH.

“Recently we’ve seen other events try to start their own version of the SSH IMSH Press Box,” Kitchen said. “All of this is one of those next steps where we are continually working to stay ahead.”

SOTS Advocates for Professional Growth of the Simulation Operations and Technology Community

The Simulation Operations and Technology Section (SOTS) in the Society for Simulation in Healthcare is unwavering in its commitment to championing and advancing the simulation operations and technology community. Simulation operations and technology professionals lend expertise to simulation activity planning and execution, simulation technology configuration and operation, efficient simulation center management, and much more.

In 2024, SOTS will focus on recognizing simulation operations and technology professionals as valuable, collaborative members of simulation teams. We will support the growth of our roles into simulation operations and technology professionals, a step up from the frequent language describing the roles as “sim tech” or “simulation technician.”

The IMSH theme, *IDEA – Innovate. Disseminate. Educate. Advocate.*, applies to this opportunity for simulation operation and technology professionals to actively drive the advancement of the profession. We will educate and innovate on the role and professional development of simulationists in simulation operations and technology positions. We will advocate for transforming the terminology associated with simulation operations and technology roles, transitioning from “tech” and “technician” to “specialist” and “professional.” We will disseminate ideas and materials that advance the field of simulation operations and technology professionals.

SOTS will approach the goal of professional growth for simulation operations and technology professionals in several ways:

- Sponsoring a dynamic SimSeries webinar schedule for 2024, designed to empower individuals at every stage of their simulation operations and technology journey.
- A social media campaign highlighting the ways members

of the simulation operations and technology community are #SimProfessionals.

- Written profiles of simulation operations and technology professionals highlighting their backgrounds, contributions, innovations, impact, and advice for other professionals.

How can you get involved in this project?

- Join our SOTS #SimProfessional Workgroup to help with this project using this GoogleForm: <https://bit.ly/450EQKe>
- Suggest content or presenters for SOTS Sponsored 2024 SimSeries webinars using this GoogleForm: <https://bit.ly/3FAln56>
- Recommend simulation operations and technology professionals to interview for written profiles for the SOTS #SimProfessional project. Submit names and contact information for potential profiles using this GoogleForm: <https://bit.ly/4098qsF>

Please contact the SOTS Chair, Amy Follmer, a357f308@kumc.edu, or the SOTS Vice Chair, Shandra Jamison, shandraj@illinois.edu, with any questions or comments on the Simulation Operations and Technology Section.

Helping you Disseminate Your Ideas and Innovations: Do you Have the Right Terms?

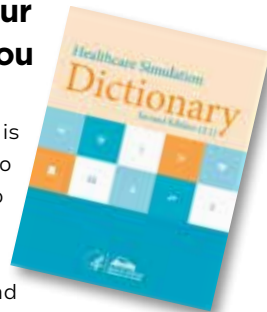
The *Healthcare Simulation Dictionary* is a vital tool for simulationists who want to disseminate their ideas and innovations to the wider simulation community.

Though we're already at Version 2.1, the dictionary is undergoing revision, and we need your help on Wednesday.

The Dictionary Working Group, led by SSH Fellow Dr. Lori Lioce, will be holding an interactive panel at IMSH 2024 that you can participate in as part of the creation of the next edition of the dictionary. Join us at the *Simulation Dictionary* seminar and workshop [Wednesday, January 24, 11:30 am-12:30 pm, Room 14A].

At this session, you can bring terms that you would like to see incorporated into *Dictionary* Version 3.0.

See you there!
ssih.org/dictionary



What is WISER Academy?

WISER offers several courses and programs to help those in the simulation community improve their skills.

We actively seek to contribute to the development, education, and mentorship of future generations of healthcare educators and researchers interested in simulation-based instruction.

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CHSE Blueprint Reference Manual

The new *CHSE Blueprint Reference Manual* is available now. This brand new Society for Simulation in Healthcare (SSH) resource is comprised of a summary and practice questions with rationales for each KSA [knowledge, skills, abilities].

The reference manual is just one of the amazing materials provided to you when you attend an SSH CHSE Blueprint Review Course. Throughout the year we have asynchronous virtual courses, which over 200 individuals attended in 2023.

Both the Certified Healthcare Simulation Educator (CHSE) and Certified Healthcare Simulation Operations Specialist (CHSOS) courses are designed to help you develop

your personal action study plan. Led by experienced simulation experts, the Certification Blueprint Review Course is designed to build your core knowledge of simulation principles and practice. The program will also help you identify areas of strength and weakness in your knowledge and practice of simulation. Attendees are encouraged to have a working knowledge of simulation education with at least 12 months of experience working in the field of simulation.

The Certification Blueprint Review Course is not test or exam prep and does not contain instruction on how to pass SSH certification exams. It is a study and review course, built on the framework of the SSH Certification



Blueprints, designed to help you identify gaps in your knowledge and application of simulation practice.

Download the manual for just \$89 and learn more about preparing for the Certified Healthcare Simulation Educator certification at: <https://www.ssih.org/Credentiaing/Certification/CHSE/Prepare>.

SSH Central Provides Attendee Resources

One popular convention center destination at IMSH 2024 is SSH Central.

“SSH Central evolved from an idea to try and pull together, in one central location, resources not just for the conference itself but also for other things going on within the Society,” explained Andrew Spain, PhD, MA, EMT-P, Associate Executive Director for SSH. “Certainly, they can stop there for conference help if they have a question about the mobile app or want more information about activities that evening, or with all the other things going on at SSH. It also provides a space where people can just sit and chat. It serves as an informational area that consolidates resources at one location. Instead of people having to go to different places, or returning to the registration area for help, this is designed to serve as a casual, easy to access, ‘one stop shop’ for IMSH attendees.”

In addition to serving as a distribution point for IMSH information and ribbons, SSH Central provides information on SSH Accreditation, SSH Certification, the SSH Fund, and the popular IMSH attendee map.

“It’s always fun to just come in and put your home location pin on the map,” Spain said. “And as IMSH progresses, it’s fascinating to see all of the colorful pins, and potentially networking with colleagues around the country and across the globe in the process.”

Along with the map, Spain highlighted SSH



Central as “the first stop” in individual certification and program accreditation.

“If you haven’t become certified or if your program hasn’t become accredited, I encourage people to at least come and start the conversation as to what it would take for certification or accreditation. They are cornerstones of quality simulation, which is integral not only to things like patient outcomes and quality patient care, but also establishes the groundwork for positive learner experiences. And certification and accreditation are very important aspects of external validation so that you can feel confident that your learners are getting a good experience with your simulation activities,” he said.

Spain added that modifications to this

year’s SSH Central area include an expanded footprint for the SSH Fund information activities, observing, “That’s a philanthropic arm for those who are able to give from a philanthropic perspective. We have that grassroots movement to help us promote future healthcare simulationists by supporting important programs like the Beverlee Anderson Scholarship and endowment of the Chad Epps Lecture. And we’re also promoting technology and other types of innovation for healthcare simulation.”

He concluded, “For attendees who want to know more about any of those areas or might just need a place to sit and talk, it’s all at one spot. You can ask all your questions without having to go to different floors or different buildings. It’s all right there.”

The SSH Fund – Doing More in 2024

We hope you have seen someone wearing a donor ribbon and/or a lapel pin showing their support of the 2023 SSH Fund. You might even see people sporting their ribbons and pins for the 2024 campaign!

Since 2023 was the first year of the SSH Fund, we don't know yet what impact it will have on the four main program areas that were identified for support, so we will be continuing with the same format in the coming year. Money raised for the SSH Fund in calendar year 2024 will be used to support the following initiatives in 2025:

- Expanded Research Grants for Early-Career and Experienced Researchers
- SimVentors Innovation Awards
- Expanded Beverlee Anderson Education Scholarships
- The Chad Epps Lecture Endowment

IMSH is the largest gathering of our SSH family each year. Now is your chance to join in supporting the 2024 SSH Fund and foster the next generation of innovation and excellence in healthcare simulation.

Stop by the SSH Fund at SSH Central and make your gift or pledge* today!

*Donors to the 2024 SSH Fund are welcome to make a pledge (written commitment) now at IMSH and then make their donation at a time more convenient for them. We do require that all pledges be paid in full by December 31st.

SSH Development Fund



Your gift invests in simulation innovation, advancement, and excellence.

Find the right way to donate for you.

Two Awarded IMSH 2024 Scholarships

Each year, deserving healthcare simulation professionals receive scholarships to attend IMSH. The Society for Simulation in Healthcare (SSH) congratulates this year's scholarship recipients on this great accomplishment!

Bob Waters Memorial Scholarship (AIMS)

Bob Waters was a gentleman of vision, an energetic voice for what he called "the right thing to do," and a good friend to the members of SSH.

Bob became an advocate for simulation after seeing a demonstration of simulators at the 2006 American Telemedicine Association meeting. When he was told that no one had any experience going into the offices on Capitol Hill, his eyes sparkled. "That's where I can help – I'm a lobbyist," he said.

Bob's life was cut short by a brain tumor that claimed him at the peak of his career at age 55. To honor his memory, the Advanced Initiative in Medical Simulation (AIMS) Board and SSH established the Bob Waters Memorial Scholarship Fund to support students in healthcare simulation. To be eligible for this scholarship, applicants must be either a full or part-time student, resident, or fellow.

The scholarship includes:

- Full registration for IMSH
- One year of SSH Student membership
- \$1,500 travel stipend to IMSH 2024

RECIPIENT: Sean Paul Carleton, MA, LCAT, RDT is a proud graduate of New York University and brings a rich tapestry of experiences to his role as a Creative Arts Therapist, Level II, at Kings County Hospital within the expansive New York City Health + Hospitals network.

Having previously contributed his skills and insights at Apple and Brookdale University Medical Center, Sean has found his current calling at Kings County Hospital.

Beverlee Anderson Education Scholarship

Part of the SSH Fund, the Beverlee Anderson Education Scholarship Fund (BAESF) provides support to attend IMSH. This need-based scholarship is for healthcare simulationists who would otherwise be unable to attend IMSH. Priority will be given to applicants who are first-time attendees of IMSH and from low budget organizations. If selected, applicants will be asked to provide a report on their experience at IMSH and how they have incorporated



Sean Paul Carleton



Amir Mansour

what they have learned.

- The scholarship includes:
- Full registration for IMSH 2024
- IMSH 2024 travel stipend: \$2,000 (U.S. recipients) and \$3,000 (recipients outside of the U.S.)
- Registration for one IMSH 2024 pre-conference course
- One year of SSH full membership

RECIPIENT: Amir Mansour is currently a third-year resident at Wright State University in Dayton, Ohio. His plan is to start his fellowship at Yale University in simulation in 2024. Before that, he is excited for the opportunity to attend IMSH 2024 in San Diego.

Meet the Staff

One of the keys to the success of IMSH 2024 can be found in the tireless efforts of the SSH Staff. Tackling innumerable challenges, large and small, SSH Staff members play critical roles at IMSH and throughout the year.

Bailee Bailey started with SSH in September 2023 and works as an Education Coordinator in the SSH Education Department. "I love that everyone is a team," she said, "and willing to always help each other out! Effective teamwork involves clear communication, mutual respect, and collaboration and that is the SSH Staff. This will be my first IMSH and I can't wait to see the impact that will be made. Professional development is so important, and I think that IMSH 2024 will be great including killer keynote speakers, networking with professionals in their fields, learning about the latest healthcare trends, and discovering innovative solutions to challenges."

Betsy Misenko is an Accreditation & Certification Coordinator II in the Credentialing Department. Having started with SSH in October 2018. She offered, "I love being on the SSH Staff because I have amazing coworkers! Despite working remotely, we're a tight-knit bunch! I also love that I get to collaborate with incredible volunteers from the healthcare simulation community on exciting initiatives that enhance the opportunities we offer to those seeking certification and accreditation." Asked what she is looking forward to at IMSH 2024, she added, "connecting with all of the people with whom I've had the pleasure



Bailee Bailey



Betsy Misenko



Taylor Jessup

of working with throughout the years as well as getting to know new faces. If you have any questions about certification or accreditation, please come see me!"

Taylor Jessup is an Executive Assistant who started at SSH in May 2023. She stated that the best thing about being on SSH Staff is "Working with incredibly talented individuals who aim to grow SSH and IMSH for the benefit of our organization and membership. With this being my first IMSH, I am looking forward to the full experience of everyone's hard work come to fruition."

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