

SIMULATION RESOURCES

STANDARDIZED/SIMULATED PATIENT

Association of Standardized Patient Educators (ASPE) <http://aspeducators.org/>

ASPE is the international organization of simulation educators dedicated to promoting best practices in the application of SP methodology for education, assessment and research. Fostering the dissemination of research and scholarship in the field of SP methodology. Advancing the professional knowledge and skills of its members. Transforming professional performance through the power of human interaction. ASPE's Core Curriculum provides education on fundamental knowledge and skills for Standardized Patient Educators. The Core Curriculum is intended to inform educators on best practices in SP-based education, grounded in ASPE's standards of practice.

The Simulated Patient Network (SPN) <http://vspn.trainingvc.com.au/index.php?>

"The modules cover various aspects of simulated patient (SP) methodology. The modules contain a variety of resources including videos, audios, SP scenarios and relevant reading material. Modules are designed to take up to two hours to complete but may take longer. There is no formal assessment. Certificates of completion for each module can be downloaded after you have submitted the online evaluation. There are 13 modules available. You must register to access the modules. Registration is currently free. To access a list of all the modules click the All modules button on the site Home page."

NATIONAL NURSING ORGANIZATIONS WITH SIM RESOURCES

National Council of State Boards of Nursing (NCSBN) <https://www.ncsbn.org>

NCSBN is an independent, not-for-profit organization through which nursing regulatory bodies act and counsel together on matters of common interest and concern affecting public health, safety, and welfare. Mission: provide education, service, and research through collaborative leadership to promote evidence-based regulatory excellence for patient safety and public protection. Vision: Advance regulatory excellence worldwide. NCSBN has published simulation guidelines for prelicensure nursing programs (results from the largest most comprehensive study to date concerning the use of simulation as a substitute for traditional clinical experience).

National Simulation Study Results & Overview (2014)

<https://www.ncsbn.org/685.htm> full study supplement

https://www.ncsbn.org/JNR_Simulation_Supplement.pdf

Simulation Guidelines for Prelicensure programs (2015 article)

<https://www.ncsbn.org/9535.htm> & 2016 updates (2016)

<https://www.ncsbn.org/9717.htm>

Simulation Faculty Checklist

https://www.ncsbn.org/16_Simulation_Faculty_Checklist.pdf

Simulation Program Checklist

https://www.ncsbn.org/16_Simulation_Program_Checklist.pdf

Simulation Guidelines Forum (2017) <https://www.ncsbn.org/11230.htm>
Education: An Update to the NCSBN Simulation Study: A Review of Simulation in
Nursing Education (2018) <https://www.ncsbn.org/13120.htm>

National League for Nursing (NLN) www.nln.org

The premier organization for nurse educators, offers professional development, teaching resources, research grants, testing services, and public policy initiatives to its 40,000 individual and 1,200 institutional members, comprising nursing education programs across higher education and health care.

Nursing Education Perspectives (Journal) <http://www.nln.org/newsroom/newsletters-and-journal/nursing-education-perspectives-journal> Peer-reviewed, research journal, Nursing Education Perspectives, published six times per year by Wolters Kluwer.

Center for Innovation in Education Excellence (formerly known as the SIRC - NLN Simulation Innovation Resource Center). The center will broaden the scope of its programming through an intentional process of engaging members through maker space activities to move programming through innovation, scaling, and launching of new programs and products. While the mission of the Center is focused on innovation in education excellence, we believe that simulation and technology initiatives and care of vulnerable populations are niche resources. Simulation programming along with the ongoing programming surrounding care of vulnerable populations will be highlighted as Institutes within the Center. Management of their existing programs and new program development will funnel through the Center's new mission aligned strategies. <http://www.nln.org/centers-for-nursing-education/nln-center-for-innovation-in-education-excellence>

INTERNATIONAL SIMULATION ORGANIZATIONS

Global Network for Simulation in Healthcare <http://www.gnsh.org/>

The Global Network for Simulation in Healthcare envisions a healthcare culture that empowers people and systems to maximize safety outcomes for patients and staff. The mission of the Global Network for Simulation in Healthcare is to advance healthcare training through modern approaches and innovative solutions.

The Society for Simulation in Healthcare (SSH) www.ssih.org

The purpose of the Society for Simulation in Healthcare is to serve a global community of practice enhancing the quality of healthcare. Serves our members by fostering education, professional development, and the advancement of research and innovation. Promotes the profession of healthcare simulation through standards and ethics. Champions healthcare simulation through advocating, sharing, facilitating, and collaborating.

Certification & Accreditation <https://www.ssih.org/Credentialing/CertificationSSH> provides simulation program accreditation, simulation education (CHSE, CHSE-A) and operation (CHSOS) certifications.

Healthcare Simulation Dictionary <https://www.ahrq.gov/professionals/quality-patient-safety/patient-safety-resources/research/simulation-dictionary/index.html> AHRQ worked with the Society for Simulation in Healthcare and its affiliates to produce a comprehensive *Healthcare Simulation Dictionary* that includes more than 100 terms and definitions. The dictionary provides uniform terminology to enhance communication and clarity for users of health care simulation in teaching, education, assessment, and research.

Simulation in Healthcare (Journal)

<https://journals.lww.com/simulationinhealthcare/pages/default.aspx> “Simulation in Healthcare: The Journal of the Society for Simulation in Healthcare is a multidisciplinary publication encompassing all areas of applications and research in healthcare simulation technology. The journal is relevant to a broad range of clinical and biomedical specialties, and publishes original basic, clinical, and translational research on these topics and more: Safety and quality-oriented training programs; Development of educational and competency assessment standards; Reports of experience in the use of simulation technology; Virtual reality; Epidemiologic modeling; Molecular, pharmacologic, and disease modeling.

[The Gathering of Healthcare Simulation Technology Specialists](#), SimGHOSTS is an international US-based 501(c)(3) non-profit organization dedicated to supporting individuals and institutions operating medical simulation technology and spaces through: hands-on training events, online resources, and professional development.

[The International Nursing Association for Clinical Simulation and Learning](#) (INACSL)

“INACSL’s mission is to advance the science of healthcare simulation. INACSL has operationalized its mission by developing the first standards for simulation practice, [INACSL Standards of Best Practice: Simulation](#)SM, Published in the *Clinical Simulation in Nursing*, INACSL's monthly, electronic research journal, these freely accessible articles provide the industry with guidelines for creating and executing healthcare simulations.”

[Clinical Simulation in Nursing](#) (Journal) is an international, peer reviewed journal published online monthly...and reflects the mission of INACSL.

[Society in Europe for Simulation Applied to Medicine](#) (SESAM)

Mission is to encourage and support the use of simulation in health care for the purpose of training and research. We are not affiliated to any medical or other specialty. Members have a wide and varied background within healthcare and medical education, but all with an interest and passion in medical simulation. If you are using simulation techniques or are considering doing so, please consider supporting the society and join SESAM's dynamic simulation community as a member. This will bring you in contact with international protagonists of simulation.

[Advances in Simulation](#) (Journal) Provides a forum to share scholarly practice to advance the use of simulation in the context of health and social care.

[Australia Society for Simulation in Healthcare](#) (ASSH)

Simulation Australasia brings together industry professionals, government, and those interested in Simulation to allow for discussion and distribution of information through events and collaboration. We promote the advancement of research, development and use of simulation technologies and practices in society, industry, academia and government

Plus, many more [international organizations](#) available.

LARGEST VENDOR SIMULATION NETWORKS

CAE/METI: Human Patient Simulation Network (HPSN) <http://www.hspn.com/>

HSPN is a global network of medical faculty, clinicians, students, and technical experts who gather throughout the year to interact, share knowledge, and explore the latest innovations in simulation-based medical education (SBME). Mission: To bring the international simulation community together, offering collaborative workshops, hands-on learning opportunities, resources, and technologically advanced SBME solutions that enhance patient safety and improve outcomes.

Laerdal: Simulation User Network (SUN) <http://simulation.laerdal.com/>

The SUN serves a platform for collaboration, innovation, and simulation advancements that lead to improvements in education and healthcare delivery. The SUN conferences are designed to offer best practices for simulation training programs across all healthcare disciplines. Each conference offers tracks on practice, realism, assessment, and debriefing.

HEALTHCARE ORGANIZATIONS WITH SIM RESOURCES

[Agency for Healthcare Research and Quality \(AHRQ\) Simulation Research](#). Content last reviewed December 2017. AHRQ, Rockville, MD.

Research & Grants. AHRQ is the lead Federal agency investing in research to identify the best ways to use simulation in health care. AHRQ has been funding simulation research as part of its patient safety mission. This research has expanded the knowledge about how to use simulation to make care safer in a variety of clinical settings. Some examples of this work include inserting ultrasound-guided central venous catheters, diagnosing skin cancer, identifying sepsis, and measuring laparoscopic skill in surgeons.

[Quality & Safety Education for Nurses \(QSEN\)](#)

(KSAs) Has a simulation page dedicated to promoting quality and safety in nursing through the use of simulation. There are four pages which address: pre-briefing, simulation scenarios (including how to develop scenarios), debriefing, and simulation evaluation.”

[American Association of Colleges of Nursing \(AACN\)](#)

AACN is the national voice for academic nursing. AACN works to establish quality standards for nursing education and influences the nursing profession to improve health

care. AACN represents public and private universities (baccalaureate, graduate, and post-graduate programs). AACN has resources for Deans, faculty, and students. AACN's curriculum guidelines provide a framework for all nursing programs to meet the healthcare challenges.

2015 Faculty Simulation Development Webinars

[Debriefing in Simulation Based Education](#)

[Curriculum Integration of the INACSL Standards of Best Practice: Simulation](#)

[Simulation Facilitation Overview & Techniques](#)

[Simulation Evaluation Methods & Tools](#)

[New Standard of Best Practice Simulation Design](#)

[Enhancing Patient Safety Through Simulation](#)

[Standard of Best Practice: Simulation-Enhanced Interprofessional Education \(Sim-IPE\)](#)

The Joint Commission (TJC) <http://www.jointcommission.org/>

The Joint Commission is an independent, not-for-profit organization that accredits and certifies health care organizations and programs. The recognition is a symbol of quality. The mission is to continuously improve health care for the public by evaluating health care organizations and inspiring them to excel in providing safe and effective care of the highest quality and value.

Institute of Medicine (IOM) <http://www.iom.edu/>

Also known as the Institute of for Healthcare Improvement. It is affiliated with the National Academies of Science and serves as a nonprofit organization devoted to providing leadership on health care. IOM's major report, *Crossing the Quality Chasm: A New Health System for the 21st Century*, is a landmark publication for examining the problems of the current U.S. health care system and offering strategies for change. The IOM website offers a plethora of resources on quality improvement.

Simulation Cases (Provider Level)

[MedEdPortal](#) *MedEdPORTAL* is a MEDLINE-indexed, open-access journal of teaching and learning resources in the health professions published by the Association of American Medical Colleges (AAMC), in partnership with the American Dental Education Association. MedEdPORTAL publications are stand-alone, complete teaching or learning modules that have been implemented and evaluated with medical or dental trainees or practitioners. Each submission is reviewed by editorial staff and external peer reviewers using a standardized review instrument grounded in the tenets of educational scholarship.

[EM SIM Cases](#). Peer-reviewed simulation cases for Emergency Medicine programs.

Alfes, C.M. and Zimmermann, E.P. (2020). *Clinical Simulations for the Advanced Practice Nurse: A Comprehensive Guide for Students, Faculty, and Simulation Staff*. Springer Publishing Company. <https://www.springerpub.com/clinical-simulations-for-the-advanced-practice-nurse-9780826140258.html>

Simulation Templates

CAE Educational Resources

<http://caehealthcare.com/eng/resources/documentation/>

Laerdal

http://simulation.laerdal.com/forum/files/folders/user_learning_materials/entry802.aspx

APRN Template in Alfes, C.M. and Zimmermann, E.P. (2020). *Clinical Simulations for the Advanced Practice Nurse: A Comprehensive Guide for Students, Faculty, and Simulation Staff*. Springer Publishing Company. <https://www.springerpub.com/clinical-simulations-for-the-advanced-practice-nurse-9780826140258.html>

Simulation Training Modules

[Essentials in clinical simulation across the health professions](#). Massive Online Open Course (MOOC) Free. Each of the 7 modules is interactive, taught by recognized nursing simulation experts, and covers basic information essential for those new to this emerging professional field.

[University of Washington Online Teaching with Simulation](#)

Sim 101: Introduction to Clinical Simulation

Sim 102: Pedagogical Approaches in Simulation for Developing Critical Thinking

Sim 103: Designing and Writing a Simulation Scenario

Sim 104: Briefing and Debriefing—The Key to Learning in Simulation

Sim 201: How to Evaluate Learning Using Simulation

Sim 202: Matching Human Patient Simulators to Clinical Educational Outcomes

Sim 203: Bringing Realism to Simulation

Sim 204: Designing and Leading IPE Sessions

[edX](#) Introduction to Simulation Education in Healthcare Free (\$50 if you want a certificate)

Simulation Evaluation

<https://sites.google.com/view/evaluatinghealthcaresimulation>

Private Organizations

HealthySimulation.com provides free **medical simulation** resources for those developing or operating a healthcare simulation program. You can view the latest simulation in healthcare news, tutorials and product reviews.

[Center for Medical Simulation](#) “Our elite team of more than 25 professional faculty members has expertise in medicine, patient safety, biomedical engineering, organizational behavior and adult learning. They ensure that each simulation session is customized and uniquely effective. The combined healthcare simulation experience of the CMS team is unsurpassed, allowing CMS to deliver competent, comprehensive healthcare simulation with techniques drawn from multiple disciplines and customized to the level and background of each group.”