





Celebrating Healthcare Simulation Week September 11-15
@HcSimWeek • ssih.org/HcSimWeek



Join the MnSHEP Listserv

Join the [MnSHEP Listserv](#) and receive quarterly newsletters and information on upcoming webinars and workshops.



Dr. Colleen Royle in Sim Center at MSU-Mankato

Join us for Sim Center Site Visits...From Small to Large

Description:

If you are curious about what other sim centers look like, join us for a tour of Sim Centers in Mankato MN. Starting at South Central College, Annette Benson MS, RN, will share how to work with modest financial resources. Watch a demonstration of a live simulation and learn how to create simulations that provide a high level of interactivity and realism on a limited budget.

Next, join us on a tour of Minnesota State University Mankato's new Simulation Center. MSU-M's Simulation Center offers 16,000 square feet of nursing laboratory and simulation center space. You will have an opportunity to tour the facility, watch a live simulation demonstrated by Dr. Colleen Royle and ask questions. We hope you can join us!

When: Friday, October 20th from 9:00 to 3:30 in Mankato

Price: \$20.00 (includes continental breakfast and lunch)

Continuing Education Hours: 5

Registration Link: [Click here](#)

Accessing MNSHEP Website

HealthForce Minnesota hosts the MnSHEP website along with weblinks to multiple national simulation sites. The MnSHEP webpage contains resources and simulations for use by programs and agencies around the state.

[Click here](#) to access the MnSHEP website.

Password: Simulation

Fall Webinars

- MnSHEP Webinars are free to attend and provide continuing education certificates of attendance.
- The webinars are archived on the MnSHEP website for later viewing.
- No need to register.
- Be sure to subscribe to the MnSHEP [list serve](#) to receive notifications for connecting to the webinars.

Use of an Unfolding OB Case while Implementing Multi-Modalities

Date	Monday, September 11 th from 2 to 3:30 PM
Expertise Level	Novice to Expert
Intended_Audience	Clinical and Academic Partners
Description	During this webinar you will learn how to use unfolding cases in your simulation events. Learn to implement use of simple multiple modalities when you don't have a high-end simulator.
Presenters	Annette Benson RN, MS, CNE, Health Simulation

Archived Webinars on the MnSHEP Website

Use of Theory in Simulation (2017)

Presenters: Gail Johnson and Dr. Carol Reid

Setting the Stage for Success as

Facilitators (2016) Presented by Dr. Colleen Royle and Rose Raleigh

Debriefing in Simulation: Setting the Standard (2016)

Presented by Rose Raleigh

Pre-Briefing: Setting the Stage for Success (2016)

Presented by Jeanne Cleary

The Use of Virtual Simulations in your Nursing Program (2016)

Presented by Dr. Nancyruth Leibold, and Dr. Laura Schwarz

Pre-briefing and Debriefing (2016)

Presented by Dr. Joseph Buhain

Continuing Education hours Specialist/Lab Coordinator from South Central College
1.5 hours

Feel the surge? Using Simulation to Birth RN's into the Obstetric Specialty

Date	Wednesday, September 27 th , 12 to 1 PM
Expertise Level	Proficient to Expert
Intended Audience	Clinical and Academic Partners
Description	This presentation will describe the planning and implementation of a 6 hour Interactive, simulation-based course exposing new OB RN's to high risk, low frequency obstetrical events.
Presenters	Kimberly Hinrichs MSN, RN, CHSE, Catherine Wagner BA, RNC and Erin Cox BSN, RNC, From Allina Health Minneapolis
Continuing Education Hours	1 hour

Standardized Patients: A Critical Resource in Human Simulation

Date	Tuesday, November 7 th , from 12 to 1 PM
Expertise Level	All levels
Intended Audience	Clinical and Academic Partners
Description	This will be a one-hour webinar outlining best practices in developing a standardized patient program for clinical and academic simulation centers. The development of standardized patients will be discussed in the context of the full continuum of human simulation, from role play to the engagement of patient educators in pre-licensure education and clinical training.
Presenters	Jane Lindsay Miller, MA, Ph.D. Director, AHC Simulation Center and Interprofessional Education & Resource Center, University of Minnesota
Continuing Education Hours	1 hour

Virtual Simulations Past, Present and Beyond

Date	Wednesday, December 6 th from 12 to 1:30
Expertise Level	All Levels
Intended Audience	Academic and Practice
Description	In this presentation, the past, present, and future uses of Virtual Simulation will be discussed along with tips for application in schools of nursing.
Presenters	Jone Tiffany DNP, MA, RN, CNE, CHSE, ANEF from Bethel University
Continuing Education Hours	1.5 hours



Best Practice in Simulation

Best Practices in Simulation Highlights

MNSHEP, the MN Board of Nursing and HealthForce Minnesota sponsored a “Best Practices in Simulation Conference” in May 2017. Attendance included 240 nurse educators and practice partners.

Shirley Brekken, MS, RN, FAAN, Executive Director of the MN Board of Nursing opened the conference with a welcome followed by Marilyn Krasowski EdD, RN, Director for Education at the Board of Nursing. Dr. Krasowski explained the December 2016 rule change language

Dr Pamela Jeffries pictured with several members of the MnSHEP Advisory Board.

Pictured from left to right:

Colleen Royle EdD, MSN, RN (2016 NLN*)

Dr. Pamela Jeffries (Plenary Speaker)

Jeanne Cleary MS, RN (2017 NLN*)

Rose Raleigh, MS, RN (2016 NLN*)

Jessie Daniels, MA, RN (2014 NLN*)

* NLN Simulation Leadership Alums

which allows nursing programs to replace direct clinical learning experiences with simulation.

Pamela Jeffries, PhD, RN, FAAN, ANEF, plenary speaker, and nationally known for her research as well as her consulting for the NCSBN national study, shared the state of the science in simulation, described components of her Jeffries Simulation Theory, examined policy implications from the NCSBN national study, and discussed future directions for incorporating simulation into all levels of healthcare education.

The National League for Nursing (NLN) Simulation Center was represented by Susan Gross-Forneris, PhD, RN, CNEA, CHSE-A, Excelsior Deputy Director of the NLN Center for Innovation in Simulation and Technology, and Molly Kellgren, MSN, RN, CNE, CHSE, Project Manager of Accelerating to Practice. In addition, multiple simulation specialists from our MnSHEP Advisory Board offered sessions organized around the INACSL Best Standards of Practice for Simulation.

The MnSHEP Advisory Board received direction for future workshops/webinars from comments on the conference evaluations. The following are items that will be implemented in the next year.

- **ACADEMIA TO PRACTICE:** Participants requested simulations to connect academia to practice. To accomplish this, the Board increased the number of clinical practice board members from one to six to provide more clinical partner feedback. Beginning this fall, educational sessions will clarify the audience intended for each workshop/webinar, whether academic or clinical.
- **TRANSITION TO PRACTICE:** For practice partners, transition to practice seems to be an area of interest and concern. Educators at Allina will be offering a webinar this fall reviewing an innovative orientation of new RN's to an OB setting.
- **LEVEL OF TRAINING:** Another request was to identify the specific level of training, i.e. novice vs. advanced. Level of training will be identified in offerings starting this fall.
- **EXAMPLES OF SIMULATIONS:** Academia requested specific examples of simulations related to obstetrics, pediatrics, and mental health. Plans are to present an obstetrics unfolding case study webinar this fall, and possible a pediatric/mental health in the spring.
- **STANDARDIZED PATIENTS AND VIRTUAL SIMULATIONS:** Two areas not included in the conference, were "standardized patients" and "virtual simulations". Plans are to feature both of these topics in webinars this fall.
- **HANDS ON SESSIONS FOR SMALL GROUPS:** The Health Educators Conference in Spring 2018 will offer a small group hands on half-day workshop. We will also advertise state and national workshops for hands on learning.

“Take Aways” from the International Nursing Association for Clinical Simulation and Learning

Three of the MnSHEP Advisory Board members attended the International Nursing Association of Clinical Simulation and Learning Conference (INACSL) in June 2017. The INACSL yearly conference gives participants an opportunity to network with colleagues and exhibitors; discuss best practice research, safety-related outcomes, competencies, and challenges. Each of our advisory board members identified a few “take aways” from the conference to share!



Dr. Carol Reid, PhD, RN, CNE, Associate Professor, MANE BSN Program Coordinator. Nursing Department from Metro State University

"Take Aways" by Dr. Carol Reid, PhD, RN, CNE

- The research on the use of simulation to facilitate transition to practice is growing! There was a strong focus on the transition from academic to practice setting, but there was also a session on how to prepare simulationists to ensure quality simulation programs.
- There are instruments being developed and tested to evaluate the facilitator and/or debriefer. The **DASH tool** is used to evaluate and develop the debriefing skills. The **FACE tool** is designed to assist with development of reflective feedback skills (how to talk to students about performance issues). In addition, Kim Leighton is developing a facilitator competency tool and is looking for **participants in her research study**.
- There is a new edition (**2016**) of the **INACSL Standards of Best Practice** - be sure you are using the most recent edition of the standards as you plan and implement simulation in your setting.

"Take Aways" by Dr. Mary Rowan



Mary Rowan, RN, PhD, Simulation Coordinator for the University of Minnesota School of Nursing

- There are many innovations in technology and equipment to enhance authentic recreation of clinical situations. Find opportunities to learn about what is available to enhance student learning.
- Reduce the amount of "pretending" in simulations--that is, do not have students pretend various skills or activities. Do not allow students to practice the wrong things Also, do not allow a mannequin or standardized patient to respond positively to a wrong action.
- Understanding of cognitive load is essential to planning simulation experiences. Cognitive load problems are best prevented by having clear objective criteria for an activity. Too much reality or too many distracters can add to cognitive load and be a deterrent to learning.
- Have a plan for ongoing faculty development.

"Take Aways" by Rose Raleigh MS, RN



Rose Raleigh MS, RN, Nursing Faculty at Century College, NLN Simulation Leadership Alum

- Do not tell participants that they are safe in the learning environment. The facilitator needs to create and model the environment and let the participants decide if it is safe.
- Commitment contracts are confidentiality contracts that participants sign. There should also be a commitment contract from facilitator to participants regarding what their role is and what can be expected from them.
- Another key point would be to map out the process for remediation in the syllabus. For example, "The facilitator will talk to the clinical faculty if there is a safety issue that needs to be addressed". We are used to "what happens in simulation stays in simulation" but if it a safety issue it should be shared with appropriate faculty.
- The maximum working memory load is 4-5 items so keep it simple.

Escape the Ordinary: Virtual Simulated Experiences in Nursing Education

*Nancyruth Leibold, EdD, RN, MSN, PHN, CNE Associate Professor of Nursing, Southwest Minnesota State University
Laura Schwarz, DNP, RN, CNE Associate Professor of Nursing, Minnesota State University, Mankato*

Virtual simulated experiences (VSE) are an exciting teaching and learning strategy. VSE is an umbrella term that encompasses a variety of types of virtual simulations for learning. VSE uses are to provide simulated experiences to gain practice before working with live patients/families, and other health care providers. Additionally, nursing learners can use

Arthurs of Escape the Ordinary
Virtual Simulated Experiences In Nursing
Education



Nancyruth Leibold,
EdD, RN, MSN,
PHN, CNE,
Associate Professor
of Nursing,
Southwest
Minnesota State
University



Laura Schwarz,
DNP, RN, CNE,
Associate Professor
of Nursing,
Minnesota State
University,
Mankato

VSE to gain experience with high risk or rare situations. VSE are different from face to face simulations in that they take place with computer technology, usually online. VSE fit with online, face to face, and/or hybrid courses. VSE work with learners at all levels of education and as continuing education for nurses.

Nurse educators should understand the various types of VSE and match the type with the intended purpose. Additionally, nurse educators should have a clear working understanding of various virtual experiences to determine the most realistic and interactive as possible. This article includes an explanation of three types of VSE: virtual simulations, virtual patients, and virtual worlds.

Virtual Simulations

Virtual simulations use computer software, usually online for one or more learners to participate in specific situations in a scenario (Leibold & Schwarz, 2017). Examples include leadership scenarios, patient/family scenarios, and ethical situations. A more specific example is the practice of Registered Nurses delegating tasks to personnel on the patient care team.

Virtual Patients

Virtual patients are modeled patients or case studies that present a patient case in a simulated experience in which the learner practices decision-making and problem solving (Leibold & Schwarz, 2017). Virtual patients can vary from video to animated to still image technology with or without audio or word balloons. For example, an obstetrical patient case study in which the patient develops complications and the learner provides simulated nursing care. Virtual patients may be combined with other types of VSE. For example, a virtual patient, such as a patient in a disaster situation that is being triaged, may be included in a virtual simulation.

Virtual Worlds

Virtual worlds are multiuser virtual environments (MUVE) where users can communicate with each other (Leibold & Schwarz, 2017). MUVEs can include simulated learning experiences with virtual images of health care settings. An example of a MUVE is Second Life. Simulations may require programming into the MUVE to set up the environment. Is there a learning content area that is often muddy and learners need a better understanding of? Or perhaps the needed content is a rare find in clinical experiences? Consider using a VSE! There may be a VSE already available for the topic you desire. Or, you may consider writing your own VSE! For further information or questions, contact: nancyruth.leibold@smsu.edu

Reference

Leibold, N., & Schwarz, L. (2017). Virtual simulations: A creative, evidence-based approach to develop and educate nurses. *Creative Nursing*, 23(1), 29-34. doi:10.1891/1078-4535.23.1.29

Moulage Corner

Barf in a Bag

BY JEANNE CLEARY MA, RN



What's better than real "odor" when creating emesis? The easiest recipe includes mixing lemon juice with parmesan cheese and letting it sit. The result smells exactly like "barf". We also give away "barf in a bag" to visitors so they can make their own "barf". We send home a zip locked bag which includes packets of lemon juice and parmesan cheese along with instructions. For thicker emesis, we add oatmeal, corn kernels, and/or raisins cut up. But any mixture works and keep for weeks in the refrigerator!

Using Moulage can help support the MN Board of Nursing rule for the definition of High fidelity simulation. "A simulation conducted with computerized patient, mannequins, virtual reality, or standard patients and designed to provide a high level of interactivity and realism" (6301.0100 subpart 11a.).

Manikin Mailbag



Dear Manikin Mailbag,

How many simulations should our students have? Sincerely, Fred Facilitator

Dear Fred Facilitator,

That is an excellent question and one not easily answered. The recommendation is to have a simulation committee/work group that will help your faculty determine where simulation fits in your curriculum. Then look at your available resources (time, space, equipment, facilitators, etc.) and go from there. Start small and you can add more rather than building unrealistic expectations.

Good luck, Manikin Mailbag

If you have a question you would like answered in a future newsletter, please email Rose.Raleigh@century.edu or sfield@winona.edu

Minnesota Conferences/Workshops/Courses

HealthPartners Simulation 2017 Conference [Link to conference](#)

October 13 & 14, 2017

Health Partners in St. Paul, MN

This 2 day conference is an opportunity to connect with colleagues throughout the simulation community and provide a forum for discussion and exchange of information among simulationists in both the healthcare delivery and academic settings. It is designed for simulation educators, technical/operations specialists, & program administrators as well as individuals interested in learning more about simulation.

HealthPartners Simulation Facilitator Workshop [Link to registration](#)

This 3-day program is designed for individuals who desire more in-depth knowledge and skills in effectively incorporating simulation into all levels of health care education from undergraduate programs to staff development.

September 27 - 29 (Wed, Thurs, Fri) St. Paul, MN

November 8 - 10 (Wed, Thurs, Fri) St. Paul MN

Mayo Clinic Simulation Instructor Development: Comprehensive Course [Link to course](#)

Sept. 25-27, 2017 Rochester, MN

May 21-23, 2018 Rochester, MN

This three-day multidisciplinary interactive course will develop instructors for simulation-based education. Participants learn the principles of experiential learning including types of simulation, course design and debriefing strategies.

Learners practice these concepts with the assistance of experienced faculty. Enrollment is limited to encourage maximum engagement of all attendees.

National Conferences

International Nursing Association for Clinical Simulation and Learning [Link to conference](#)

Plan ahead! June 13-16, 2018 Sheraton Centre Toronto Hotel, Toronto, Canada

HPSN Great Lakes Regional Conference - Human Patient Simulation Network (HPSN)

[Link to conference](#)

October 10-11, 2017 Fox Valley Technical College, Appleton Wisconsin (free)

This conference is a fantastic opportunity to connect with peers and thought leaders in your area... Best practices will be developed to promote interdisciplinary and collaborative care among healthcare professionals. Simulation will provide authentic experiences to prepare and assess learners using a variety of simulators from patients to surgical and audiovisual debriefing solutions.

NLN Learning to Use Debriefing with Good Judgment (CMS/NLN) [Link to conference](#)

October 6, 2017, Washington DC

Using a blended learning model, the course comprises two hours of online work and an eight-hour workshop highlighted by a half-day at the state-of-the-art simulation lab on George Washington University's Virginia Science and Technology Campus. Optional learning resources will be provided through a learning management system.

IMSH Conference: Making the Impossible/PO:SS:18:LE [Link to conference](#)

January 13-17, 2018 Los Angeles Convention Center

The International Meeting on Simulation in Healthcare (IMSH) is the world's largest conference dedicated to healthcare simulation learning, research and scholarship, offering 250 sessions in various formats, from large plenary sessions to small, interactive immersive courses. It is also considered to be the educational and networking event for the simulation world.

SSH/INACSL Regional Workshops [Link to Regional Workshops](#)

September 23, 2017, Birmingham, Alabama

October 13, 2017, Salt Lake City, Utah

Simulation Regional Workshops on the guidelines of the NCSBN National Simulation Study

SUN Simulation User Network [Link to conference](#)

October 9-11, 2017, San Antonio, Texas

The Simulation User Network conferences offer best practices for simulation training programs across all healthcare disciplines.

Memberships to Consider

[Link to: Society for Simulation in Healthcare \(SSH\)](#)

SSH's mission is as a leading inter-professional society that advances the application of simulation in healthcare through global engagement. SSH Membership is \$185.00 for full membership and less for students or retired members. Once you are a member you have free access to the [Live Learning Center](#) offering more than 110 online ACCME accredited healthcare simulation courses, 24/7. Includes subscription to bi-monthly journal, *Simulation in Healthcare*, and information on professional certification and accreditation for your sim center.

[Link to: International Nursing Association of Clinical Simulation and Learning \(INACSL\)](#)

Individual membership \$140. Institutional memberships also available.

Membership benefits to INACSL includes webinars, peer reviewed journal, *Clinical Simulation in Nursing*, helpful online resources and links, simulation scenarios, and more.

[Link to: National League for Nursing Simulation Innovation and Resource Center \(NLN SIRC\)](#)

The Simulation Innovation and Resource Center (SIRC) project, is a collaborative alliance between the NLN and Laerdal Medical, whose purpose is to develop a community of nurse educators who can effectively use simulation to promote and evaluate student learning and who dialogue with one another in an effort to advance simulation in nursing education.

A special thank you to the MNSHEP Advisory Board that worked to make our Best Practices in Simulation Conference a success!



From left to right: Sue Field, Jeanne Cleary, Annette Benson, Jessie Daniels, Diane Gold, Carol Reid, Molly Kellgren, Rose Raleigh, Colleen Royle, Marilyn Krasowski, and Mary Rowan!

Thank you to all of our MnSHEP Advisory Board Members!

- **David J. Adriansen, Ed.D, NREMT**, Director, Minneapolis VA Simulation Center *
- **Annette Benson RN, MS, CNE**, Health Simulation Specialist/Lab Coordinator from South Central College, Boise College Healthcare Simulation Graduate Certificate
- **Joseph P. Buhain, EdD, MBA, RRT, FAARC, NREMT**, Program Director for Cardiopulmonary Sciences and Simulation Studies at St. Paul College
- **Jeanne Cleary MA, BSN, RN**, Simulation Director at Ridgewater College in Willmar and Hutchinson, NLN Simulation Leadership Alum
- **Jessie Daniels MA, BSN, RN**, NLN Simulation Leadership Alum
- **Sue Field, DNP, RN, CNE**, Statewide Director of Health Education and Industry Partnerships from HealthForce MN
- **Denise Foy, MSN, RN-BC**, Nursing Education Specialist Multidisciplinary Simulation Center Mayo Clinic *
- **Diane Gold MS, RN, APN**, retired faculty from Normandale College
- **Kimberly Hinrichs, MSN, RN, CHSE**, Senior Learning and Development Specialist/Simulation Allina Health *
- **Gail Johnson, PhD(c), MS, BSN, CPHQ, CHSE, CHSOS**, Director of HealthPartners Clinical Simulation
- **Elizabeth Q. Keating, MSN, RN, CHSE** Director of Nursing Education & Clinical Simulation Park Nicollet Methodist Hospital *
- **Molly Kellgren, MSN, RN, CNE, CHSE**, Project Manager of Accelerating to Practice for the National League for Nursing, NLN Simulation Leadership Alum
- **Dr. Marilyn Krasowski, EdD, MSN, RN**, Director for Education for the Minnesota Board of Nursing
- **Debra Lamb, MS, RN**, Simulation Supervisor at Bethel University
- **Jane McKinley, BSN, RN**, Simulation Specialist from Riverland Community College
- **Rose Raleigh MS, RN**, nursing faculty at Century College, NLN Simulation Leadership Alum
- **Carol Reid, PhD, RN, CNE**, Associate Professor, MANE BSN Program Coordinator. Nursing Department from Metro State University
- **Colleen Royle, EdD, MSN, RN**, Assistant Professor and Learning Resource Lab and Simulation Coordinator at Minnesota State University, Mankato, 2016 NLN Simulation Leadership Alum
- **Mary Rowan, RN, PhD**, Simulation Coordinator for the University of Minnesota School of Nursing
- **Samreen Vora, MD, MHAM**, Medical Director of Simulation, Emergency Medicine Physician, Children's Minnesota *

* Joining this summer are 5 new Practice Partners!

For questions contact:
HFM simulation@winona.edu



HealthForce Minnesota
WSU Rochester on Broadway
400 S. Broadway, Ste. 300 / Rochester, MN 55904
(507) 280-5034 / www.healthforceminnesota.org



Minnesota State
30 East 7th Street / St. Paul, MN 55101
651-201-1800 / 888-667-2848
www.mnscu.edu

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