

MEETING AGENDA //SEPTEMBER 25

The Fourth Annual Tri-State Regional



New and Stronger Evidence to Transform Simulation-Based Education in Healthcare

Hosted by Mount Sinai West's Center for Advanced Medical Simulation New York, New York (UTC - 4:00)

Join us for a virtual interactive experience at the highly rated and well attended annual gathering of the community of simulation leaders, educators, scholars, learners, hospital administrators, policy decision makers, and friends in the tri-state region and beyond.



PROGRAM DESCRIPTION



New situations can enhance the value of what we have and what we are capable of doing. The Coronavirus pandemic tested the pedagogical frameworks of simulation in healthcare, what to learn, and how to learn. This year's theme brings together our tri-state simulation community and beyond through a virtual interactive experience. Topics will address existing, new, and stronger evidence to systematize, innovate, and transform simulation in healthcare, how to operate within and outside our comfort zones and draw out the best.

TARGET

Simulation in Healthcare
Leaders, Researchers,
Scholars, Educators,
Learners, Healthcare
Administrators, Policy
Decision Makers,
Stakeholders,
Enthusiasts, and Friends.



PROGRAM OBJECTIVES

- Systematize creativity and strategy in response to the COVID-19 pandemic and beyond.
- Develop innovative and futuristic simulation programs in healthcare.
- Apply new and stronger evidence to transform simulation in healthcare.

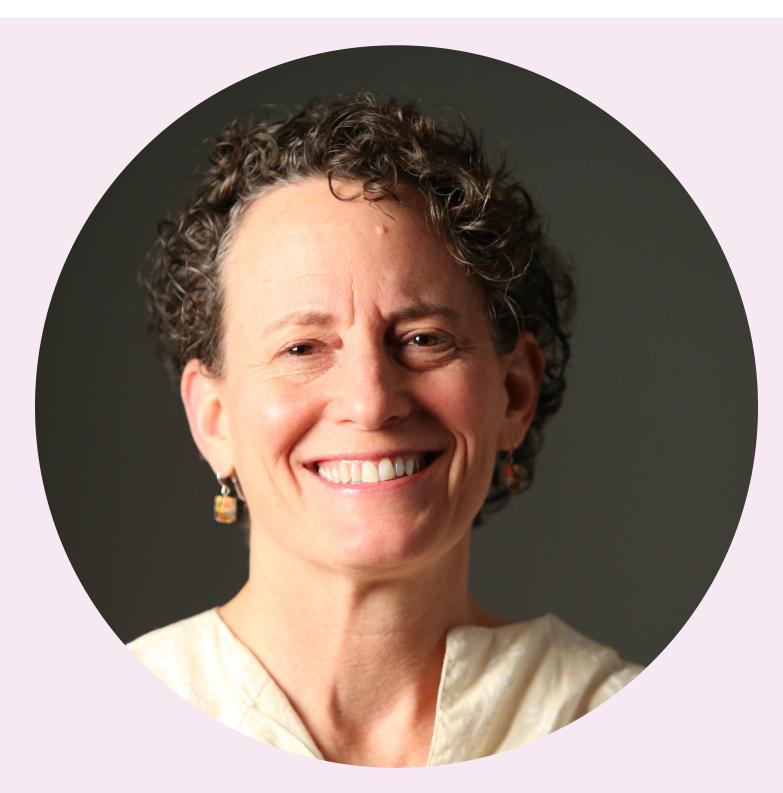
- Creativity and Strategy in Response to Covid-19 Pandemic and Beyond
- Simulation Spotlight and Innovations
- New and Stronger Evidence to Transform Simulation in Healthcare





SPEAKERS

Meet our Speakers!



Jenny Rudolph, PhD //Keynote Speaker

Executive Director, Center for Medical Simulation (CMS)

Assistant Professor of Anesthesia, Harvard Medical School, Department of Anesthesia Critical Care and Pain Medicine, Massachusetts General Hospital; Boston, MA

Jenny Rudolph, PhD is a life-long athlete who brings the joy of practice to learning in healthcare education, especially feedback, debriefing, and collaboration at point of care. Jenny is an organization behavior scholar on the faculty of Massachusetts General Hospital Department of Anesthesia Critical Care and Pain Medicine, and department of Anesthesia at Harvard Medical School.

The approach to reflective conversations known as "debriefing with good judgment" Jenny pioneered has helped health educators world-wide promote dynamic, honest, but non-threatening conversations. The "...with good judgment approach" pairs three key dichotomies to promote connection and learning: psychological safety and challenge in the learning environment; holding high standards and high regard for learners; and balancing advocacy and inquiry to share and elicit thought processes.

Jenny studied system dynamics at MIT Sloan School of Management, received a doctorate in organizational behavior from Boston College, was a National Science Foundation Fellow, and received a B.A. in sociology from Harvard College.



Chris Roussin, PhD //Keynote Speaker

Senior Director, Education Leadership and International Programs, Center for Medical Simulation

Assistant Professor of Anesthesia, Harvard Medical School, Department of Anesthesia Critical Care and Pain Medicine, Massachusetts General Hospital; Boston, MA

Dr. Roussin is an innovator in simulation program and faculty development, devising new ways to use simulation to build relationships, quality, safety and meaning in healthcare work. He has significant experience creating strong partnerships in complex healthcare organizations to build sustainable and culture-changing programs based in experiential learning and positive communication, collaboration and feedback approaches. His academic works on the subjects of teamwork, learning and psychological safety have been published in top healthcare and management journals including Academic Medicine and the Journal of Management.

COVID-19 Simulation Based Critical Care Uptraining: The NYU Grossman School of Medicine Experience Brian Kaufman, MD, & Sunil Nair, MD, New York University Grossman School of Medicine and Veterans Affairs New York Harbor Healthcare, New York, NY

The use of a novel virtual reality donning and doffing program to improve competency while saving personal protective equipment use Meryl B. Kravitz, Medical Student, Albert Einstein College of Medicine, Bronx, NY; Amber Arif, Research Associate, & Adeel Arif, Research Associate White Plains Hospital, White Plains, NY; Maninder Singh, MD, Jacobi Medical Center, Bronx, NY; Andrew Restivo, MD, Marc J. Gibber, MD, & Christina J. Yang, MD, Montefiore Medical Center, Bronx, NY; Taylor Freeman, Founder and CEO, Axon Park; Farrukh Jafri, MD MS-HPEd, White Plains Hospital, White Plains, NY

Critical Care Simulation Education Program during the COVID-19 Pandemic Evan S. Leibner, MD, PhD, Elvera L. Baron, MD, PhD, Ronak S. Shah, MD, Yoland Philpotts, MD, Divya Sreeramoju, MD, Yasir Jawaid, MD, Anthony DeVivo, DO, Samuel Acquah, MD, Jean Hsieh, MD, Andrew B. Leibowitz, MD, Daniel Katz, MD, & Roopa Kohli-Seth, MD, Icahn School of Medicine at Mount Sinai, New York, NY

TeleSimulation: Acceptable and Feasible For Medical Student Education During Time of COVID Elizabeth Sanseau, MD, MS, Megan Lavoie, MD, Khoon-Yen Tay, MD, & Grace Good, MA, Children's Hospital of Philadelphia, Philadelphia, PA; Suzana Tsao, DO, University of Pennsylvania School of Medicine, Philadelphia, PA; Rebekah Burns, MD, Anita Thomas, MD, MPH, & Tanner Heckle, MD, MPH, University of Washington and Seattle Children's Hospital, Seattle, WA; Maybelle Kou, MD, Med, George Washington University School of Medicine, Washington, DC; Marc Auerbach, MD, FAAP, MSc, Yale School of Medicine, New Haven, CT

Creativity and Strategy in Response to Covid-19 Pandemic and Beyond

This category addresses simulation-based initiatives that

- I. Equip healthcare teams with the necessary knowledge and skills to care for critically ill patients with COVID-19
- II. Develop a strategy for the what's and how's of learning through simulation during a pandemic, times of limited resources, and beyond

Moderated By:

Bryan Mahoney, MD, FASA
Department of Anesthesiology
Mount Sinai West and Mount
Sinai Morningside Hospitals

Using a Logic Model to Enable and Evaluate Long-Term Outcomes of a Mass Casualty Training Program Simon Bellido, BS, White Plains Hospital, White Plains, NY; Nicholas Dadario, BS, Rutgers Robert Wood Johnson School of Medicine, New Brunswick, NJ; Andrew Restivo, MD, Montefiore Medical Center Weiler Division and Albert Einstein College of Medicine, Bronx, NY; Miriam Kulkarni, MD, St. John's Riverside Hospital, Yonkers, NY; Maninder Singh, MD, Jacobi Medical Center and Albert Einstein College of Medicine, Bronx, NY; Andrew Yoon, MD, & Jared Shapiro, MPH, Montefiore Medical Center Moses Division and Albert Einstein College of Medicine, Bronx, NY; Frank Quintero, DO, White Plains Hospital, White Plains, NY; Tianna Tagami, MEd, Massachusetts General Hospital Institute of Health Professions and Pearson Education, Boston, MA; Christina J. Yang, MD, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx, NY; Farrukh Jafri, MD, MS-HPEd, White Plains Hospital, White Plains, NY and Albert Einstein College of Medicine, Bronx, NY

Ready Patient One? An Online Choose Your Own Adventure Escape Room Game for Ischemic Chest Pain Colleen M. Donovan, MD, Rutgers Robert Wood Johnson School of Medicine, New Brunswick, NJ and Rutgers-Ernest Mario School of Pharmacy, Piscataway, NJ & Alexandra Cooper, BA, MS3, Rutgers Robert Wood Johnson School of Medicine, New Brunswick, NJ

Crisis Recognition by Anesthesiologists in a Perioperative Simulation: A Mixed-Methods Analysis Lukas H. Matern, MD, Massachusetts General Hospital, Boston, MA; Roxane Gardner, MD, MSHPEd, Brigham and Women's Hospital and Center for Medical Simulation, Boston, MA; Jenny W. Rudolph, PhD, Massachusetts General Hospital and Center for Medical Simulation, Boston, MA; Robert L. Nadelberg, MD, Center for Medical Simulation, Boston, MA; Rebecca D. Minehart, MD, MSHPEd, Massachusetts General Hospital and Center for Medical Simulation, Boston, MA

Managing Overnight Events in the ICU: Just-in-Time Simulation Training for Residents on Call Raphael Rabinowitz, MD; Carolyn Drake, MD, MPH; Sunil Nair, MD, MBA; Alexandria Imperato, MD; Molly Forster, MD; J. David Chuquin, MD; & Anthony Andriotis, MD, New York University Langone Health, New York, NY; Grace Gibbon, BS; Dhawani Shah, BDS, & Jordan Murphy, BS, New York University School of Global Public Health, New York, NY; Brian Kaufman, MD, New York University Langone Health, New York, NY

Simulation Spotlight and Innovations

This category addresses simulation-based initiatives that

Showcase existing and new simulation programs that may be adapted by other simulation centers in the tri-state region and beyond.

Moderated By:

Jessica Montanaro, MSN, RN
Assistant Nursing Care Coordinator
Intensive Care Unit
Mount Sinai Morningside Hospital

Use of virtual simulation and electronic health records to assess student nurses' documentation and critical thinking skills Laly Joseph, DVM, DNP, CNE, MSN, RN-C, ARNP, ANP-BC, FNAP, Philips School of Nursing at Mount Sinai Beth Israel, New York, NY

In-Situ Simulation for the Detection of Latent Risk Threats in a COVID-19 Pandemic Response Process Amanda Jurvis, DO, Glenn Paetow, MD, MACM, Nate Scott, MD, Erinn Riley, MD, Rochelle Zarzar, MD, MACM, Mindi Driehort, RN, MSN, & Danielle Hart, MD, MACM, Hennepin Healthcare, Minneapolis, MN

Making the Most of Resources: Freeware for Undergraduate Nursing Clinical Simulation Lisa Marie Wands, PhD, RN, CHSE, CNE, Daniel E. Geller, DNP, APRN, FNP-C, & Melissa Hallman, DNP, BA, RN, APRN, FNP-BC, Nell Hodgson Woodruff School of Nursing at Emory University, Atlanta, GA

A Simulation-Based Mechanical Ventilation Curriculum for Multilevel Learners in An Internal Medicine Residency Program - A Pilot Study Bertin D. Salguero, MD, Mount Sinai Morningside and West Hospitals and Icahn School of Medicine at Mount Sinai, New York, NY; Joseph P. Mathew, MD, FCCP, Mount Sinai Morningside and West Hospitals, Icahn School of Medicine at Mount Sinai, and Center for Advanced Medical Simulation at Mount Sinai West, New York, NY; Priscilla Loanzon, RN, EdD, CHSE & Barbara Sierra, BS, Center for Advanced Medical Simulation at Mount Sinai West, New York, NY; Adam Rothman, MD & Janet Shapiro, MD, Mount Sinai Morningside and West Hospitals, Icahn School of Medicine at Mount Sinai, and Center for Advanced Medical Simulation at Mount Sinai West, New York, NY; Andre Sotelo, MD, Hackensack University Medical Center, Hackensack, NJ; Kwesi Daniel, BA, Center for Advanced Medical Simulation at Mount Sinai West, New York, NY; James S. Salonia, MD, Mount Sinai Morningside and West Hospitals, Icahn School of Medicine at Mount Sinai, and Center for Advanced Medical Simulation at Mount Sinai West, New York, NY

New and Stronger Evidence to Transform Simulation in Healthcare

This category addresses simulation-based initiatives that

Utilize simulation as the object of research or use simulation as an investigative method to study a subject of interest. The purpose is to use new and stronger evidence to transform how we incorporate simulation in healthcare across disciplines, and the academic and practice settings.

Moderated By:

Joshua McHugh, MD
Department of Emergency Medicine
Mount Sinai West and Mount
Sinai Morningside Hospitals



Moderated By:

Heidi Baer, MD
Department of Emergency Medicine
Mount Sinai West and Mount
Sinai Morningside Hospitals

Moderated Poster Presentations

To translate the Emergency Medicine Clerkship curriculum from an in-person program to a virtual learning program due to the COVID-19 pandemic Jared M. Kutzin, DNP, MS, MPH, RN & Shefali Trivedi, MD, Icahn School of Medicine at Mount Sinai, New York, NY

Role-Play Simulations with Virtual Humans to Train Healthcare Providers in Screening and Brief Intervention to Help Address the Increased Prevalence of Substance Use and Mental Health Disorders Due to Covid-19 Glenn Albright, PhD & Gurnek Singh, Kognito, New York, NY

Functionality and Safety of a Rapidly Mobilized Prone Positioning Project for COVID 19 Reiichiro Obata, MD, Keely Johnson, MD, & Alfredo Astua, MD, Icahn School of Medicine at Mount Sinai, New York, NY and Elmhurst Hospital Center, Elmhurst, NY

In-Situ ED Simulation: An Interprofessional Journal to Improve Care at Health and Hospital North Central Bronx Maninder Singh, MD, Albert Einstein College of Medicine and Jacobi Medical Center, Bronx, NY

Going Behind the Scenes of Remote IPE Simulation in the Midst of COVID-19 Annette R. Waznonis, PhD, RN; Donna Quinones, CHSE, & Kristoffer Beitler, Center for Simulation Education, Loyola University Chicago, IL

Virtual Escape Rooms to Build Teamwork and Enhance Communication Jared M. Kutzin, DNP, MS, MPH, RN, FSSH, Icahn School of Medicine at Mount Sinai, New York, NY

Impact of an Educational Visual Aid on Intraoperative Contamination in Aerosol Box Use During COVID-19 Garrett W. Burnett, MD, Icahn School of Medicine at Mount Sinai, New York, NY; George Zhou, MD, University of California San Francisco, San Francisco, CA; Eric A. Fried, MD, Icahn School of Medicine at Mount Sinai, New York, NY; Ronak S. Shah, MD, Memorial Sloan Kettering Cancer Center, New York, NY; Chang Park, MD & Daniel Katz, MD, Icahn School of Medicine at Mount Sinai, New York, NY



Moderated By:

Djovannie Petit-Frere, MSN, RN Nursing Education Mount Sinai West Hospital

The Impact of a Simulation-Based, Interactive Mobile Application on the Quality and Comfort of Cardiopulmonary Resuscitation Among High School Students Adeel Arif & Amber Arif, White Plains Hospital, White Plains, NY; Kimberly Fasciglione, BS, New York Institute of Technology College of Osteopathic Medicine, Glen Head, NY; Farrukh Jafri, MD, MS-HPEd, White Plains Hospital, White Plains, NY

"Mommy Call" simulations teach innovative acute pediatric assessment in a remote virtual setting Tracy Cramer, RN, CPEN, Jennifer Krause BSN, RN, CPN, Jeri Kessenich, MD, Allek Scheele, MD, &

Rachel Danielle Fisher, MD, Helen DeVos Children's Hospital, Grand Rapids, MI

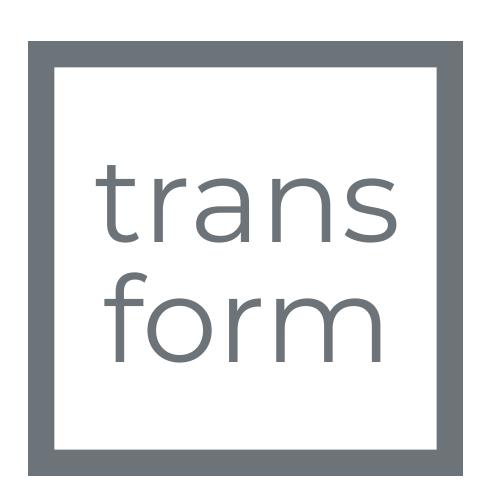
Crisis Resource Management and Teamwork Efficiency during Stroke Resuscitation on an Online, Virtual Escape the Room Game Nicholas B. Dadario, MS1, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ; Farrukh Jafri, MD, MS-HPEd, White Plains Hospital, White Plains, NY; Tyler Goldberg, Medical Student, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ; Cairenn Binder, RN, BSN, MS, White Plains Hospital, White Plains, NY; Ali Alvie, Tungsten Studios, Houston, TX

IPE Model Integrating IPEC Collaborative Practice Competencies Across Multiple Disciplines Maureen Johnson, PhD, MS, OT/L, BCPR, C/NDT & Norman Belleza, PT, DPT, University of St. Augustine for Health Sciences, St. Augustine, FL

Trigger Warning. Using Simulation for Active Shooter Training In The Emergency Department Joshua McHugh, MD, Heidi Baer, MD, & Dan Satnick, MD, Mount Sinai West and Mount Sinai Morningside Hospitals, New York, NY

An Immersive and Interactive Online Classroom to Improve Teamwork and Crisis Resource Management in OB Fernando Salvetti, PhD, MPhil, JD, Centro Studi Logos, Turin, Italy, Logosnet, Lugano, Switzerland, and Houston, TX; Roxane Gardner, MD, MHPE, MPH, PhD, Center for Medical Simulation, Brigham and Women's Hospital, Massachusetts General Hospital, and Harvard Medical School, Boston, MA; Rebecca Minehart, MD, MSHPEd, Center for Medical Simulation, Massachusetts General Hospital, and Harvard Medical School, Boston, MA; Barbara Bertagni, MPhil, PhD, ClinPsyD, Centro Studi Logos, Turin, Italy, Logosnet, Lugano, Switzerland, and Houston, TX

You're the Captain Now: Utilizing Simulation to Facilitate Resuscitation Leadership Training Daniel Weinick, MD & Daniel Satnick, MD, Mount Sinai West and Mount Sinai Morningside Hospitals, New York, NY; Robbie Levokove, MD, BronxCare Health System, Bronx, NY; Joshua McHugh, MD, Heidi Baer, MD, Edmund Hsu, MD, Yasamin Soltanianzadeh, MD, & Steven Bolger, MD, Mount Sinai West and Mount Sinai Morningside Hospitals, New York, NY



Moderated By:

Susan Khalil, MD
Department of Obstertics and Gynecology
Mount Sinai West and Mount
Sinai Morningside Hospitals

Enhancing Intubation Efficacy of Contaminated Airway Using the Suction-Assisted Laryngoscopy Assisted Decontamination Technique Yasamin Soltanianzadeh, MD, Daniel Satnick, MD, Christopher Richardson, MD, Edmund Hsu, MD, Daniel Weinick, MD, Steven Bolger, MD, Joshua McHugh, MD, & Heidi Baer, MD, Mount Sinai Morningside and Mount Sinai West Hospitals, New York, NY

Utilization of Video Self-Assessment in Laparoscopic Simulation Training Vijay Palvia, MD, Susan Khalil, MD, & Jamie Huntly, MD, Mount Sinai Hospital, New York, NY; Serin Seckin, MD, Mount Sinai West, New York, NY

What a Robot?: Transforming Health Care Education Deborah Ambrosio Mawhirter, EdD, RN & Patricia Ford Garafalo, MS, RN, Adelphi University College of Nursing and Public Health, Garden City, NY

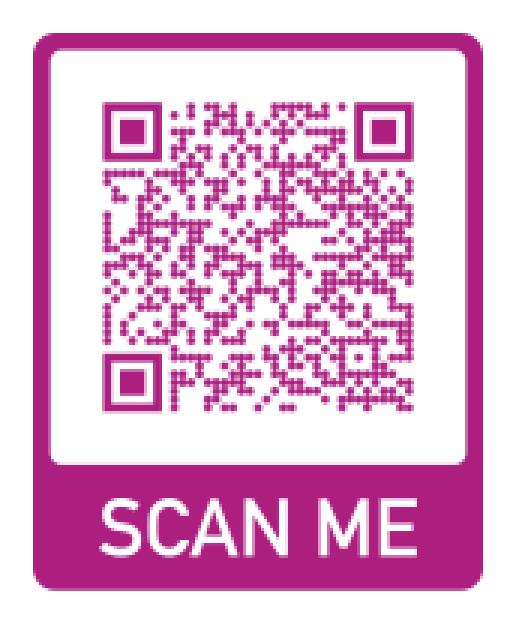
A Cost-Effective, Reusable Ultrasound Pericardiocentesis Simulation Model with a Novel Interchangeable Model Heart and Chest Wall Edmund Hsu, MD, Yasamin Soltanianzadeh, MD, Daniel Weinick, MD, Daniel Satnick, MD, Steven Bolger, MD, Joshua McHugh, MD, Heidi Baer, MD, & Elizabeth Yetter, MD, Mount Sinai Morningside and Mount Sinai West Hospitals, New York, NY; Trent She, MD, University of Connecticut, Mansfield, CT

Improving Emergency Medicine Training by Integrating a Novel Cricothyroidotomy Task Trainer into a High-Fidelity Simulation Environment Tina Jing, Medical Student, Albert Einstein College of Medicine, Bronx, NY; Nicholas Dadario, MS1, Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ and White Plains Hospital, White Plains, NY; Sharan Shan, MD, Montefiore Medical Center, Bronx, NY; Jacques Zaneveld, PhD, Lazarus 3D, Corvallis, OR; Farrukh Jafri, MD, MS-HPEd, White Plains Hospital, White Plains, NY

Utilizing Simulation to Improve Comfort Care and Communication Skills in the End-of-Life Patient Experience Demora McClave, PhD, RN, CHPN & Ellena Buhman, BSN, RN, Trustbridge-Hospice and Palliative Care, West Palm Beach, FL

Crisis Resource Management Simulation Evaluation for Interprofessional Rapid Response Teams Using a Reliable and Valid Rubric Gifty M. Thomas, MD, Nicholas Dadario, BS, Farrukh N Jafri, MD, MS-HPEd, Doreen Mirante, MSN, RN, Kelly Ellsworth, MSN, RN, Jodi Shulman, PA-C, & Bernadette Amicucci DNS, MBA, FNP-BC, CNE, White Plains Hospital, White Plains, NY

To Access our SNAPSHOTS please







SNAPSHOTS

<u>SNAPSHOTS</u> is a compilation of interesting works valuable to the healthcare simulation community that are either completed or partially completed work, or in their developmental phase.

It is a great opportunity for our vibrant simulation community to stimulate discussions off the screen.

Be a part of spreading the word!





2020// PRESIDERS & CO-CHAIRS

Priscilla V. Loanzon, EdD, RN, CHSE, Co-Chair, Director of Simulation Education, CAMS Susannah Kurtz, MD, CHSE, Co-Chair, Co-Director CAMS Simulation Fellowship, Joseph P. Mathew, MD, Co- Chair, ICU Director, Mount Sinai West, Medical Director, CAMS

2020// PLANNING COMMITTEE

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The Fourth Annual Tri-State Regional Simulation Symposium

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Symposium a success!

Survey & Resources

The 2020
Planning Committee
would love to hear
from you!





Oral Presentations







ePosters

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SEE YOU THERE!