



NYSIM

THE CITY UNIVERSITY OF NEW YORK | NYU GROSSMAN SCHOOL OF MEDICINE

ANNUAL REPORT FY 2023



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MESSAGE FROM

THE ASSISTANT DEAN OF SIMULATION EDUCATION & ADMINISTRATIVE DIRECTOR

NYSIM has had incredible changes and expansion over the 2023 fiscal year. We are proud of the leadership team with the addition of Dr. Laura Penalo, Health Professions Director who joined Drs. Joanne Agnant, Deepak Pradhan, and Sondra Zabar to form a cohesive and dynamic group. As a result, we have been able to increase the number and scope of education consults, respond to safety events with simulation education, and provide increased accessibility to NYSIM through expanded faculty professional development programs. The variety and capacity of the programs across modalities has grown significantly this year. The focus has been on the quality of the education that simulation provides, including overseeing quality assurance for programs and implementing observations and feedback for standardized participants. We have been able to utilize our expertise in bringing institutional initiatives to address equity, both to ongoing and new programs, in response to the current emphasis on healthcare equity and bias in the workplace.

We hope you enjoy reviewing the year's progress and accomplishments. As we look backwards and forwards, we appreciate our team's dedication to education and innovation while developing and supporting programs. We are dedicated to expanding the role of simulation at NYULH and CUNY education programs across disciplines and healthcare roles.

We look forward to supporting your program at NYSIM.

Donna and Katie



Donna P. Phillips, MD
Assistant Dean
of Simulation Education



Katie E. Tame, MS, CPXP
Administrative
Director



MISSION, VISION, AND GUIDING PRINCIPLES

MISSION

The mission of NYSIM is to provide simulation education and research that fosters quality care, patient safety, and effective communication with patients and among health care professionals.

VISION

NYSIM will be the hub of simulation education in the health sciences at CUNY & NYU Langone Health and through its simulation education and research, will improve health outcomes, equity, and safety.

GUIDING PRINCIPLES

We will:

1. Expand NYSIM accessibility for all learners
2. Assess educational and health outcomes through research and data analysis
3. Cultivate a culture of continuous improvement in our educational programs focusing on quality, safety, and research
4. Continue education consultations to ensure high-quality simulation activities across disciplines
5. Model teamwork, communications, respect, kindness, diversity, excellence, and collaboration throughout NYSIM to create a safe, non-judgmental learning environment
6. Increase our visibility locally, nationally, and globally

STEERING COMMITTEE

The New York Simulation Center for the Health Sciences is governed by the NYSIM Steering Committee. The NYSIM Steering Committee is composed of two representatives from The City University of New York (CUNY) and two representatives from the NYU Grossman School of Medicine (NYUGSOM).



Steven Abramson, MD
Executive Vice President and Vice
Dean for Education, Faculty
and Academic Affairs
NYU Grossman School of Medicine



Patricia Simino Boyce, PhD, RN
University Dean for Health
and Human Services
The City University of New York



Kirk N. Lawson, MBA
Associate Dean for Academic
Planning and Innovation, Education,
Faculty and Academic Affairs
NYU Grossman School of Medicine



Robert T. Maruca
Associate University
Provost for Planning
The City University of New York

INTRODUCING HEALTH PROFESSIONS DIRECTOR



Laura Penalo, PhD, RN, CNL, CHSE joined the NYSIM leadership team in December 2022 as Health Professions Director. Dr. Penalo has 20 years of experience in healthcare and 10 years of experience in nursing simulations. Prior to joining NYSIM, she worked as a Nursing Assistant Professor and Simulations Liaison with NYSIM for the City University of New York, BMCC School of Nursing. She also served as the Simulations Coordinator for the Monroe College School of Nursing, and as an adult Medical-Surgical and Ambulatory Care Nurse at New York Presbyterian Hospital/Cornell.

Dr. Penalo has expertise in quantitative, and qualitative research methodologies in simulation. She collaborates with CUNY and NYU faculty and educators to design, implement, and evaluate simulation programs that promote learners' knowledge, skills, attitudes, confidence, clinical decision-making, and communication skills. The overarching goal of these simulation programs is to improve healthcare outcomes through effective team work, evidence-based practice, culturally congruent care, and adherence to quality and safety standards.

Dr. Penalo joined Drs. Agnant and Pradhan in leading NYSIM's Fundamentals of Simulation Education (FUSE) Course, offered quarterly at NYSIM. Dr. Penalo and the NYSIM leadership team will continue to provide high-quality education and assessments to all learners. Together, the leadership team will foster an environment of continuous improvement, teamwork, communication, respect, diversity, and excellence at NYSIM.

WHAT ARE YOU EXCITED TO ACCOMPLISH IN THIS ROLE?

Dr. Penalo: *"I am so proud to be part of the NYSIM family and working with so many talented health professionals, simulation educators and support staff. I am excited to: 1) increase simulation faculty development resources to meet the needs of our CUNY and NYU partners; 2) support the implementation of simulation standards of best practice; 3) support simulation scholarly projects; and 4) collaborate, advise and learn from CUNY and NYU health professionals and simulation educators."*



NYSIM UTILIZATION AND IMPACT

In the last fiscal year,

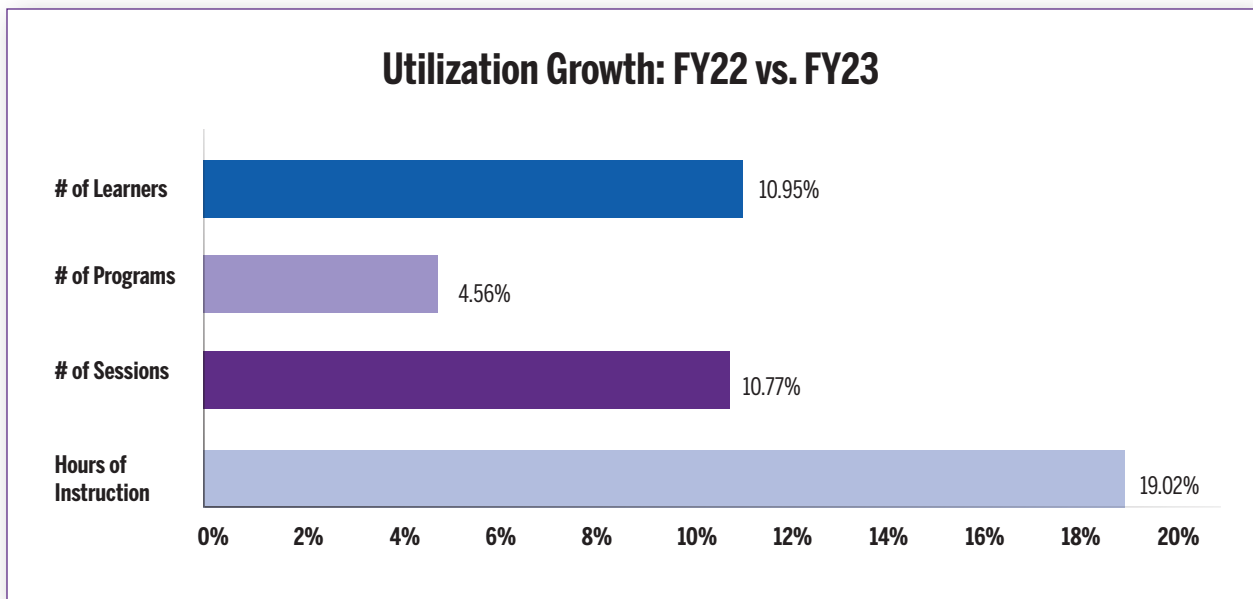
21,639 learners and faculty participated in simulation education activities

321 programs

2,253 sessions

7,118 hours of instruction

FY23 GROWTH IN UTILIZATION



The greatest growth was seen in the hours of instruction followed by the number of learners and sessions we hosted.

DATA KEY

Program: Number of distinct education programs by course or specialty

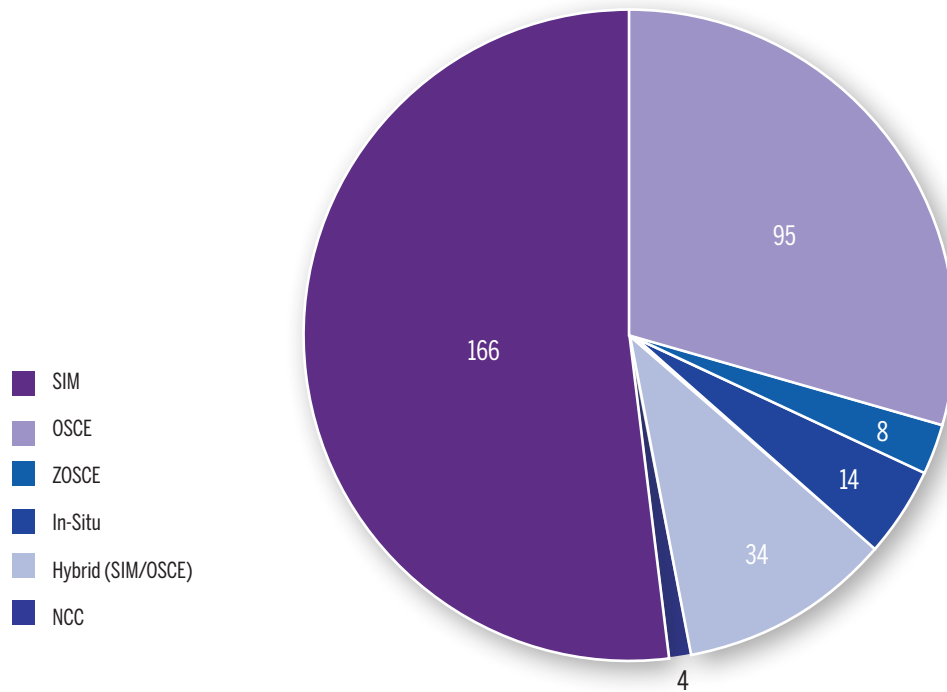
Session: Each instance of an education program is considered a session

Hours of Instruction: Duration of simulation programs

Program Type:

- **SIM Programs:** Simulation programs using task trainers or manikins
- **Remote SIM:** Simulation programs held virtually
- **OSCE:** Programs using Standardized Participants (SP)
- **ZOSCE:** OSCE programs held virtually
- **Hybrid (SIM/OSCE):** Programs involving both SIM and OSCE components
- **In-Situ:** Programs occurring in a clinical setting
- **NCC:** National Certification Courses, including BLS, ACLS, and PALS

FY23 PROGRAMS BY PROGRAM TYPE



SIM Programs: Top 3 Content Areas

1. Physical Examinations
2. Cardiac Emergencies
3. Pediatric Emergencies

SP Programs: Top 3 Content Areas

1. Communication
2. Patient Education and Counseling
3. Treatment Plan and Management

EDUCATION CONSULTS

90 education consultations occurred in FY2023. Directors meet formally with faculty and learners one or more times to assist in developing their programs, including providing guidance and expertise on structure, scenarios, assessments, quality, pre-briefing and debriefing, and providing a written summary and action items.

TOURS

NYSIM conducted 30 tours for faculty and administrators from CUNY, NYUGSOM and external institutions across the globe to view our state-of-the-art facility and technology, and learn about our operations and impact.

FACULTY PROFESSIONAL DEVELOPMENT PROGRAMS

FUNDAMENTALS OF SIMULATION EDUCATION (FUSE) COURSE

The Fundamentals of Simulation Education (FUSE) Course provides NYULH and CUNY faculty with the knowledge, practice and resources to run their own simulation programs. The FUSE 3-Day Curriculum includes simulation design, simulation management and performance and structured simulation debriefing. Program evaluation data demonstrated knowledge and confidence gains in simulation-based education. All course components were well-perceived for usefulness and course delivery. Supporting behavioral outcomes, learners have designed, managed and facilitated a diverse array of cases, including adult/pediatric, inpatient/outpatient, procedural/cognitive skills, and physical examination/communication.

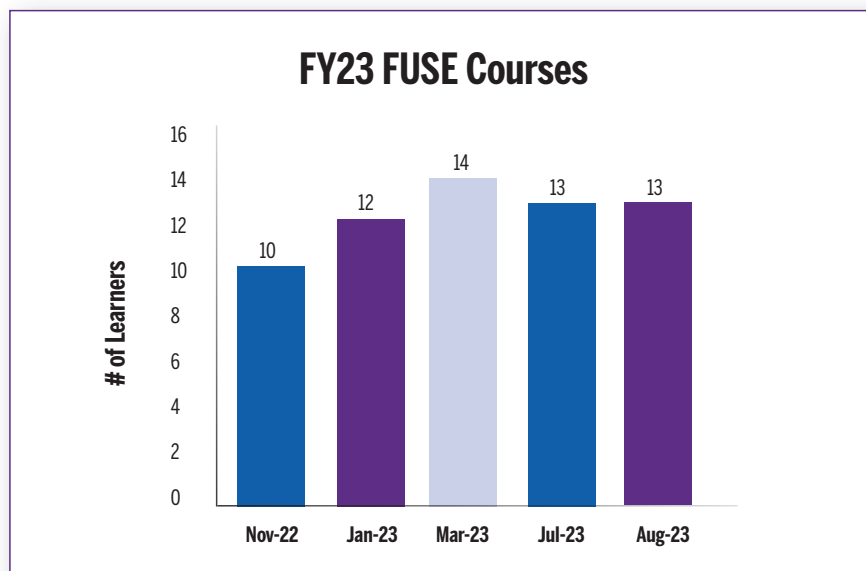
FUSE 3-DAY CURRICULUM

Day 1	Day 2	Day 3
SIMULATION DESIGN <ul style="list-style-type: none">• Learning Theories of Simulation Education• When to Use Simulation• SMART Learning Objectives• Writing Authentic Clinical Cases• Crafting Checklist Assessments	SIMULATION MANAGEMENT AND PERFORMANCE <ul style="list-style-type: none">• Pre-briefings• Incorporating Tasks Trainers• Managing Patient Simulators (Manikins)• Simulation Assessment and Evaluation• Converting Simulation into Scholarship	STRUCTURED SIMULATION DEBRIEFINGS <ul style="list-style-type: none">• Structured Simulation Debriefing Steps• Strategies for Exploring Learner Perspectives• Debriefing with Good Judgment/Advocacy-Inquiry-Curiosity• Difficult Debriefing Conversations• DEI Considerations in Simulation

Fiscal Year 2023:

5 FUSE Courses were hosted at NYSIM

62 CUNY and NYULH faculty attended the courses



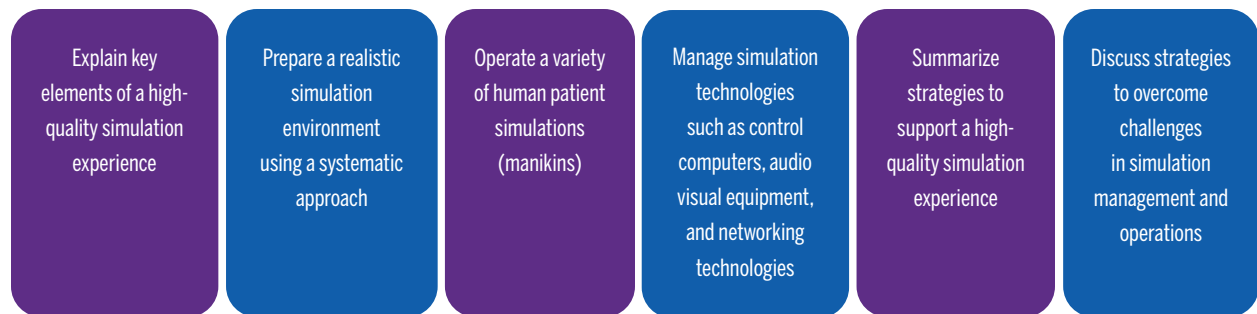
94 learners have completed FUSE since the redesigned course launched in July 2022.

SIMULATION TECHNOLOGIES AND OPERATIONS (STO) COURSE

In June 2023, Drs. Laura Penalo, Deepak Pradhan and Joanne Agnant launched the Simulation Technologies and Operations (STO) Course. STO course instructors included NYSIM staff members, Pablo Heredia, SIM Program Supervisor, Cynthia Reyes, Senior Simulation Operations Associate, Tom Vongbandith, Senior Systems Analyst and Gene Mamaril, IT Systems Analyst II. The one-day STO course is for CUNY simulation support staff and faculty to learn how to operate a variety of human patient simulators and provide them with the tools to manage simulation technologies, including control computers and audio and visual equipment.

For more information, please visit <https://nysimcenter.org/nysim-simulation-technologies-and-operations-sto-course>.

STO COURSE OBJECTIVES

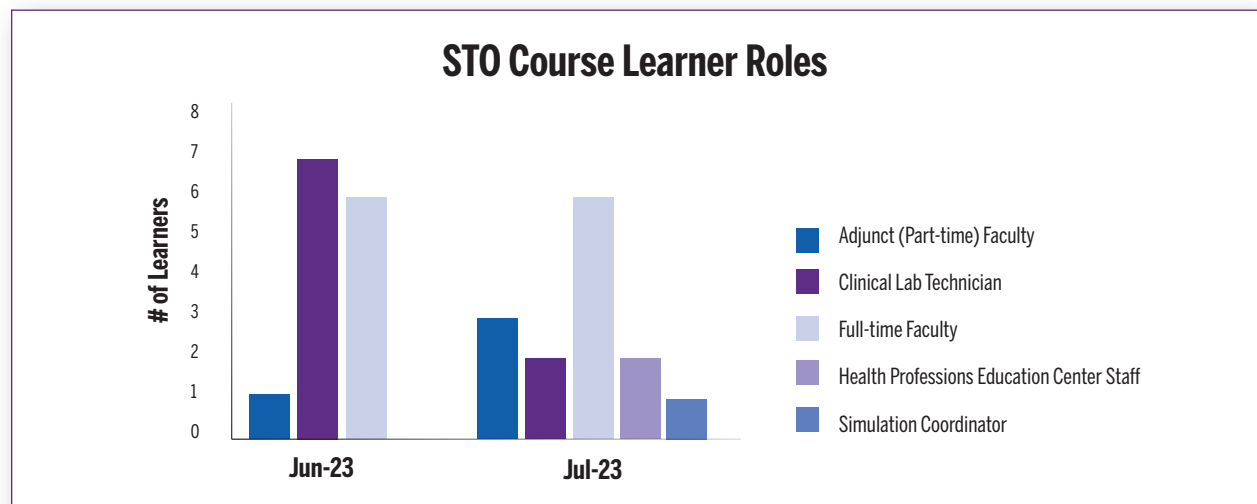


Fiscal Year 2023

2 STO Courses were provided

28 learners attended

Course evaluation results revealed that learners' confidence in simulation technologies and operations significantly increased!



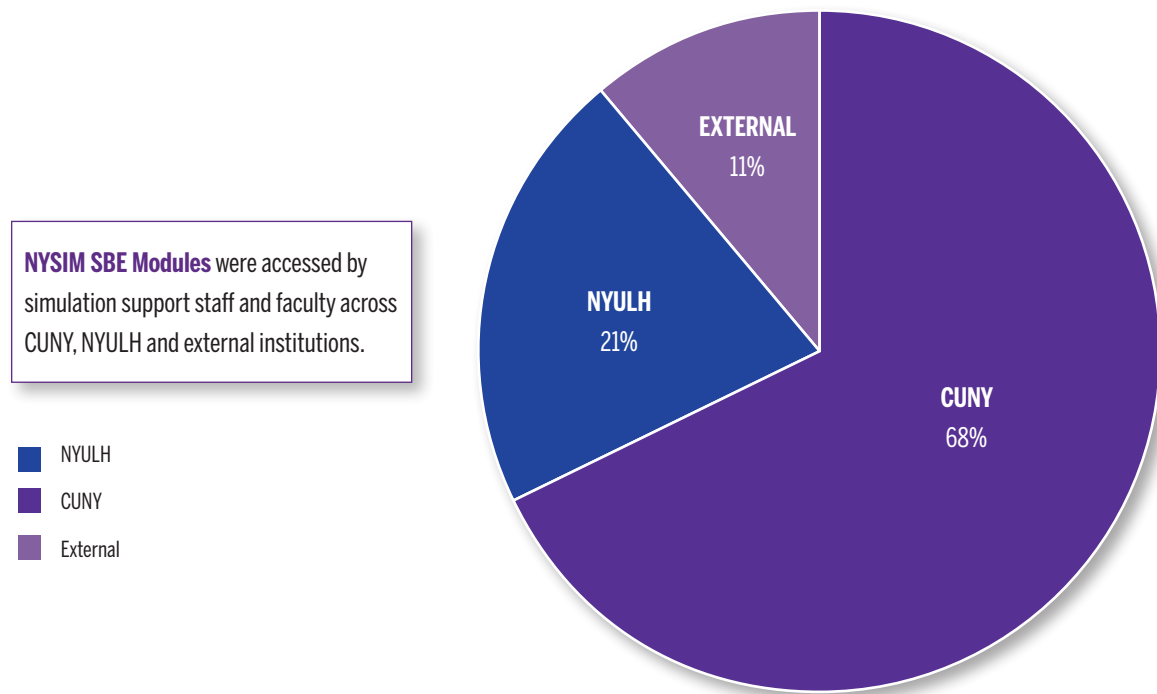
In FY23, STO Course Learner Roles included full and part-time faculty, clinical lab technicians (CLT's), Health Professions Education Center (HPEC) staff and simulation coordinators across **10** CUNY campuses.

SIMULATION-BASED EDUCATION (SBE) MODULES

Dr. Laura Penalo, Health Professions Director, led the implementation of NYSIM's Simulation-Based Education (SBE) Modules. This resource was launched on May 18, 2023 and is available on the NYSIM website. It provides simulation support staff and faculty with the foundational knowledge and tools to operate and implement simulation programs at NYSIM or their home institutions.

NYSIM SBE Modules offers great opportunities to explore basic simulation-based education concepts, simulation modalities, simulation instructional design, and standards of best practices in simulation.

To access the NYSIM SBE Modules, please visit our website: <https://nysimcenter.org/sbe>.



Expand NYSIM accessibility for all learners



Cultivate a culture of continuous improvement in our educational programs focusing on quality, safety, and research

8TH ANNUAL VIRTUAL HOT TOPICS IN SIMULATION EDUCATION SYMPOSIUM

The 8th Annual Virtual Hot Topics in Simulation Education Symposium was hosted on October 21, 2022. Simulation education experts specializing in critical care, emergency medicine, internal medicine, nursing, obstetrics and pediatrics were in attendance.

NYSIM Directors, Drs. Joanne Agnant, Deepak Pradhan, and Sandy Zabar facilitated dynamic breakout sessions. Their topics included:

- “Addressing Inequity and Building Structural Competency through Simulation”
- “Advocacy, Inquiry and Curiosity: Mastering Debriefing with Good Judgment”
- “Designing OSCE Assessments: Measuring EPA’s Competencies and Skills”

Three additional breakout sessions were offered and two speakers presented plenary sessions. A total of **95** participants from CUNY, NYULH and external institutions attended the symposium, expanding NYSIM’s accessibility for all learners and faculty.

To learn more about the Hot Topics Symposiums, and to view videos of the program, please visit: <https://nysimcenter.org/symposium/hot-topics>.



Post Survey Evaluation demonstrated that **77%** of the participants strongly agreed that they were engaged throughout the conference. **100%** of the participants agreed their educational needs were fulfilled!



Cultivate a culture of continuous improvement in our educational programs focusing on quality, safety, and research



Increase our visibility locally, nationally, and globally

NYSIM SIMULATION EDUCATION NETWORK (SEN)

The NYSIM Simulation Education Network (SEN) was established to break down silos and unite simulation educators from across NYUGSOM. Led by Dr. Deepak Pradhan, this collaborative networking group seeks to improve collective simulation education practices by facilitating the exchange of ideas, expertise, resources, and experiences. NYSIM SEN launched on June 5, 2023, and now convenes quarterly with over **47** current members. SEN aspires to explore more simulation-related professional development topics and foster collaborative simulations in the future.



Expand NYSIM accessibility for all learners



Cultivate a culture of continuous improvement in our educational programs focusing on quality, safety, and research



NYSIM PROGRAMS AT A GLANCE

SIMULATION (SIM) PROGRAM FY23

NYSIM's Simulation (SIM) Program provides learners with opportunities to practice communication, teamwork, technical, and clinical decision-making skills in various clinical settings. Programs and scenarios are developed and supported by the simulation team and can be delivered at NYSIM, in a healthcare setting or remotely.

Fiscal Year	Total Programs	Total Sessions	Total New Programs
FY23	180	855	24
FY22	169	801	12

New Programs

Supported a total of **24** new programs, including:

• CUNY:

- York College NUR OB Maternal Newborn Clinical Course SIM
- New York City College of Technology NUR 1110 Skills and Assessments Lab SIM

• NYU:

- NYULH Science and Technology Entry Program (STEP)
- NYU EMS Elective Interprofessional SIM



The NYSIM Simulation Team transformed Laerdal Airway management task trainers into realistic trainers! These trainers were used for instructing Gastroenterology and Critical Care participants on the hands-on technique of inserting Sengstaken-Blakemore tubes for emergent hemostasis in cases of variceal hemorrhage.



Realistic task trainer



Laerdal Airway management task trainer



C-Section Belly for CPA in Pregnancy SIM

The NYSIM Simulation Team created the C-Section belly by repurposing an old SIMMom belly. It was cut vertically to simulate a post mortem C-Section for the Cardio Pulmonary Arrest (CPA) OB Program.



STANDARDIZED PARTICIPANT (SP) PROGRAM FY23

NYSIM's Standardized Participant (SP) Program runs and supports Objective Structured Clinical Examinations (OSCEs) at NYSIM, remotely or in a hybrid model. Variations of OSCEs are dependent upon educational goals and objectives of activities.

Accomplishments

116 SP Programs took place at NYSIM and were supported by the SP/OSCE team

20 additional SP programs were held across the institution with NYSIM SPs, **8** of which were new programs

Fiscal Year	Total Programs	Total Sessions	Total New Programs
FY23	136	417	16
FY22	133	386	29

New Programs

Supported a total of **16** new programs, including:

- **CUNY:**
 - Lehman Nursing Recording of Congestive Heart Failure Patient SIM/OSCE
 - College of Staten Island Adult Gerontology Nurse Practitioner OSCE
- **NYU:**
 - NYU Grossman School of Medicine Microaggression Upstander Support GOSCE for Emergency Medicine Faculty and Residents
 - NYU Grossman School of Medicine Medical Students: UME Integrated Clinical Skills (ICS) SIM/OSCE
- **External:**
 - ECHO-Torch Sexual Health Grant ZOSCE for Allied Health Professionals
 - Syracuse University Whitman School of Management OSCE featuring a case on Financial Business/Workplace Ethics

Total SP's by hours participating in OSCE's and roster size

Fiscal Year	SP Hours	SP Roster Size
FY23	12,506	140
FY22	11,427	139

SP PROGRAM INITIATIVES AND INNOVATION

Collaborated with faculty to write **43** new scenarios

140 standardized participants were employed by NYSIM and reflect the diversity of our patient population

In the last fiscal year, 12 new Standardized Participants (SPs) were hired, representing:

- **9** women, **3** men
- **6** Black or African American, **1** Asian, **2** Hispanic or Latinx, **2** Middle Eastern or North African, **1** White
- **5** of our new SPs are proficient in language(s) other than English, including French, Mandarin, Spanish, Arabic, Italian, Portuguese, and Turkish

SP QUALITY ASSURANCE

The SP team implemented a formal process for conducting and tracking quality assurance (QA) of SP case portrayal and feedback skills using a Qualtrics survey. Our SP educators focused on providing specific, constructive, timely feedback to our new hires and SPs new to cases.

- SP Educators conducted **121** observations of **67** SPs in 35 distinct programs and **65** distinct cases.
- The observed SPs performed exceedingly well in all three domains, averaging **100%** in reliability, **99%** for case portrayal and **98%** for verbal feedback.





NATIONAL CERTIFICATION COURSES (NCC)

The National Certification Courses (NCC) program offers American Heart Association's Advanced Cardiovascular Life Support (ACLS), Basic Life Support (BLS), Pediatric Advanced Life Support (PALS), and Heartsaver CPR/AED courses. Since 2019, the program is a registered training site in partnership with the NYU Long Island School of Medicine (LISOM) AHA Training Center.



Accomplishments:

- Trained **5,460** learners
- Successfully trained and provided **590** BLS, ACLS, PALS certifications to the new cohort of house staff with the NYUGSOM Graduate Medical Education Office (GME)



Pictured: Dr. Deepak Pradhan (left), Tony Dokoupil (center) and Dr. Jon LaPook (right) photographed at CBS Morning News



Pictured: Dr. Joanne Agnant (left) and Dr. Donna Phillips (right) photographed at the State of Women in Science and Medicine panel

NOTEWORTHY AT NYSIM

NYSIM IN THE NEWS

In February 2023, NYSIM's Associate Medical Director, Dr. Deepak Pradhan and SIM Program Supervisor, Pablo Heredia supported an off-site program with CBS News to convey how the swift use of an Automated External Defibrillator (AED) saved the life of football player Damar Hamlin, who suffered an unfortunate cardiac event while playing football on live television. On National Wear Red Day during American Heart Month, CBS News chief medical correspondent Dr. Jon LaPook and NYSIM's Dr. Deepak Pradhan joined "CBS Mornings" to spread awareness and demonstrate CPR and AED use to save lives during cardiac arrest.

To view the full video, please visit: <https://www.cbsnews.com/video/medical-experts-demonstrate-life-saving-techniques-when-someone-goes-into-cardiac-arrest>

NYSIM was featured in the "Clinical Simulations Take Manhattan" article for supporting the Syracuse University Whitman School of Management OSCE program. Professor Ben Dotger wrote, *"On any given day, NYSIM supports a wide variety of medical simulations for New York University and City University of New York medical students. These simulations use standardized patients, mannequins, and an array of medical situations that approximate everything from mental health crises and dislocated shoulders, to appendectomies or the challenges of labor and delivery."*

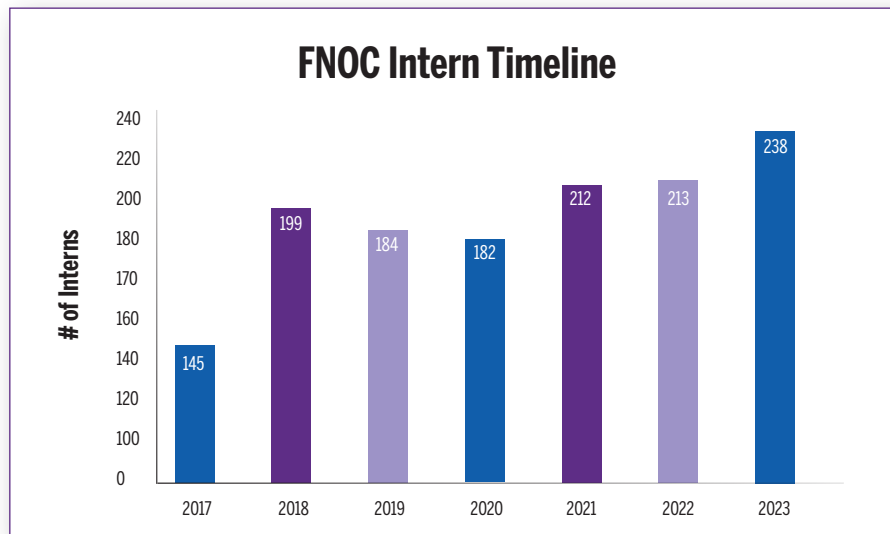
To view the complete article, visit: <https://soe.syr.edu/clinical-simulations-take-manhattan/>

NYU GROSSMAN SCHOOL OF MEDICINE STATE OF WOMEN IN SCIENCE AND MEDICINE PANEL

On March 30, 2023, Drs. Joanne Agnant and Donna Phillips participated in the State of Women in Science and Medicine panel, hosted by the NYUGSOM's Office of Diversity Affairs and Vilcek Institute of Biomedical Sciences Office of Science and Research. Drs. Agnant and Phillips shared their unique experiences as women physicians at NYULH with an engaged group of house staff, faculty and prospective students. Their encouraging stories highlighted their contributions to women's advancement in science, medicine and simulation education.

FIRST NIGHT ON-CALL (FNOC) INTERN ORIENTATION

The 7th First Night On-Call (FNOC) Intern Orientation was held on June 28 and 29, 2023. FNOC introduces interns to the NYU institutional standard culture of safety, providing foundational knowledge for approaching common patient safety issues. This simulation-based medical education (SBME) program added additional elements: (1) address workplace bias and prepare new interns to be upstanders when they witness comments perceived as discrimination; and (2) evaluate incoming interns' ability to recognize and acknowledge the impact of social determinants of health (SDOH) on their patients and families and their ability to empathize and provide resources and support. FNOC provided interns with peer and leadership-based networking opportunities and created a safe space to openly communicate their questions and concerns. They were provided with a resource guide as a summary of topics and links to available resources.



In FY23, NYSIM hosted the largest FNOC to date, supporting a total of **238** interns across **141** medical schools, representing **18** residency programs. The total number of interns increased in FY23 by **11%**!

COMMUNITY OUTREACH PROGRAMS

NYSIM is proud to report that our community outreach initiatives have grown this year. NYSIM provided consultation and support to **3** NYU Langone Health faculty and **1** Human Resource (HR) professional who ran **4** distinct programs at NYSIM for a total of **8** sessions. The goal of the outreach programs is to expose students from diverse backgrounds to careers in the health professions. Programs highlighted orthopedics, urology, radiology, respiratory therapy, and exposed learners who were interested in STEM careers to a broad range of allied health profession skills. A total of **267** students and chaperones participated in the four programs.

Understanding the value of experiential education, and with the goal to reach more local and regional high school students, NYSIM established a program that would maximize students' experience, with more sustainable planning and resources. The hour-long program was developed and offered between June and August of 2023 for **4** schools/organizations with a total of **52** high school students in attendance.

*"First and foremost, the hands-on experiences received opened our students' mind to the wonderful opportunities that await them as future allied healthcare professionals. It is also to be noted that although many students expressed how they benefited one stuck out to me. Our ESL student verbalized gaining the additional confidence she needed to embrace her journey as a Registered Nurse. It was her concern that her language barrier might pose an obstacle in obtaining a Nursing Degree; however, due to **the transparent sharing of Dr. Laura Penalo, Health Professions Director our student now realizes that such barriers can be overcome.**" -Health Science Coordinator, Albany High School*

NYSIM WEBSITE

To improve the program reservation submission process on the NYSIM website, the “How to Host a Program” page was updated to include both Simulation and Standardized Participant Program timelines. The SIM and SP Program timelines provides faculty with a clear understanding of the program reservation process.

To learn more about how to submit a program reservation request, please visit <https://nysimcenter.org/program-reservation-instructions>.

PROCESS IMPROVEMENT

In the last year, the NYSIM team effectively streamlined processes to operate more efficiently and avoid redundancy. Some of these processes include: centralizing capital education equipment requests, monitoring equipment usage, improving the sign in kiosk process, and tracking attendance for all programs supported by NYSIM.

STAFF TRAINING

Tom Vongbandith, Senior Systems Analyst, developed and hosted two NYSIM Education for Simulation and Technology (NEST) training sessions this year for our simulation staff. The goal was to advance their skills in using the tools and equipment at NYSIM. The training sessions focused on fundamentals, operations and troubleshooting efforts vital to a successful simulation program.

TEAM ENGAGEMENT COMMITTEE (TEC)

This year, NYSIM’s Team Engagement Committee (TEC) hosted several events to foster community, resource-sharing, and professional development for our team.



Pictured left to right: Katie Allen, Madelyn Kaplan, Dr. Laura Penalo

The TEC hosted:

- NYSIM’s Annual Holiday Bake-Off
- Ugly Sweater Contest
- Quarterly Birthday Celebrations
- Wellness Spotlights on wellbeing resources and events at NYULH, reviewed weekly
- Library Resources and Scholarship Professional Development Training
Facilitated by Caitlin Plovnick, Education and Curriculum Lead - NYUGSOM Health Sciences Library
- Empathy and Bias Workshop
Facilitated by:
 - Dr. Jennifer Adams, Director, The Empathy Project - NYUGSOM
 - Maura Minsky, Director, The Empathy Project - NYUGSOM
 - Dr. Joanne Agnant, Associate Medical Director - NYSIM
 - Ryan Zurich, Program Manager - NYSIM

NYSIM thanks all the professional development content experts who collaborated with us this year!

EDUCATION, FACULTY, AND ACADEMIC AFFAIRS (EFAA) EMPLOYEE RECOGNITION AWARDS

NYSIM congratulates Cynthia Reyes and Sean Overstreet, Senior Simulation Operations Associates (SOA), on their EFAA Employee Recognition awards! The goal of the program is to recognize outstanding staff who have gone above and beyond their day-to-day job, and serve as role models in one of two categories.

- Cynthia Reyes was recognized for Excellence in Innovation and Initiative. Cynthia confidently runs complex in-situ scenarios. She uses her creativity to add realistic wounds, blood clots, incisions, and other moulage to the manikins which adds fidelity to the learners' experience, and is also a work of art.
- Sean Overstreet was recognized for Excellence in Collaboration. Sean successfully builds and maintains key relationships with our partners across departments and campuses and is acknowledged by faculty, students, coordinators, colleagues, and NYSIM leadership for his many talents and collaborations.

Thank you, Cynthia and Sean!



Pictured: Kirk Lawson (left), Cynthia Reyes (left center), Dr. Donna Phillips (right center) and Dr. Steven Abramson (right), photographed at the 2023 EFAA Awards Ceremony

“Cynthia is creative and innovative, using her expertise and her artistic talents to add wounds, and other moulage to increase realism. As a result, she is described as indispensable to simulations. Not only does she manage complex and multi-unit and multi-discipline simulations, but she speaks up about observed safety issues. Cynthia is committed to excellence in healthcare and making the simulations come to life for the best learning experience.”

- Dr. Donna P. Phillips, Assistant Dean of Simulation Education



Pictured: Kirk Lawson (left), Sean Overstreet (left center), Dr. Donna Phillips (right center) and Dr. Steven Abramson (right), photographed at the 2023 EFAA Awards Ceremony

“Sean is so deserving of the recognition by EFAA for his incredible work, expertise, and collaborations to make sure that the OSCEs run smoothly and efficiently. He is unflappable when BLINE doesn't cooperate and he can smoothly, seamlessly, and efficiently fix an immediate problem. Sean is appreciated in EFAA and NYSIM and not just the NYSIM east wing!”

- Dr. Donna P. Phillips, Assistant Dean of Simulation Education

This year Porsche Scott, Administrative Coordinator and Virginia (Ginny) Drda, SP Educator published poetry in Agora Magazine, NYU Grossman School of Medicine's annual arts and literature magazine. Agora's editorial team selects works for publication based on alignment with a given theme. In 2022-2023 the theme was Transition, and with the artists' permission NYSIM is also sharing their work here. Please enjoy, and join us in congratulating both Porsche and Ginny!

For more, please visit Agora's website here: <https://www.agoramagazine.org/>

The Hamster Escapes the Wheel

In my search of greatness, I revert to the wheel of safety
Subconsciously repeating the cycle that leads to complacency
Enhancing my stamina and endurance by practicing daily
To develop the skills to move forward, yet I remain stationed
Outside of the hamster cage foreshadows all of which I long to be
But how can I leave, when this is all that's familiar to me?
With one leap.
I jump off of the wheel of comfortable confinement
Completing the first phase in my quest of aspirational alignment
No longer needing to validate what's already mine
With each revelation, I inch closer to the finish line
The hamster wheel granted me strength, but also kept me still
Now I have earned the freedom to explore what my heart needs
fulfilled
Using my fears as stepping stones of faith
From a pessimistic state of mind of limited space
I have graciously escaped.

© Porsche E. Scott/2022



Pictured: Porsche Scott (left) and Ginny Drda (right)

Transient

Sunlight inhale day's heart beating
nature's time clock
pulsing
fleeting sunset sigh
splashed through the sky
exhaled twilight
waves goodbye

spring wind whispers
breath in bubbles
bursting blossoms
day's length doubles
firefly blink
firework gasp
sands
slip
through
midsummer's grasp
coy striptease
of autumn trees
skeletons
bare
in cinnamon breeze
icy frostlace
frozen fingers
winter's breathcloud lightly lingers
floating snowflakes
heaven sent
we too
are transient

© Virginia Drda/2022

NEW EQUIPMENT

NYSIM acquired new simulation-based education equipment in FY23, including task trainers, accessories and simulators to support learners in the improvement of their competency-based skills and the development of innovative techniques.

To view a complete list of NYSIM's inventory, please visit <https://nysimcenter.org/equipment>.

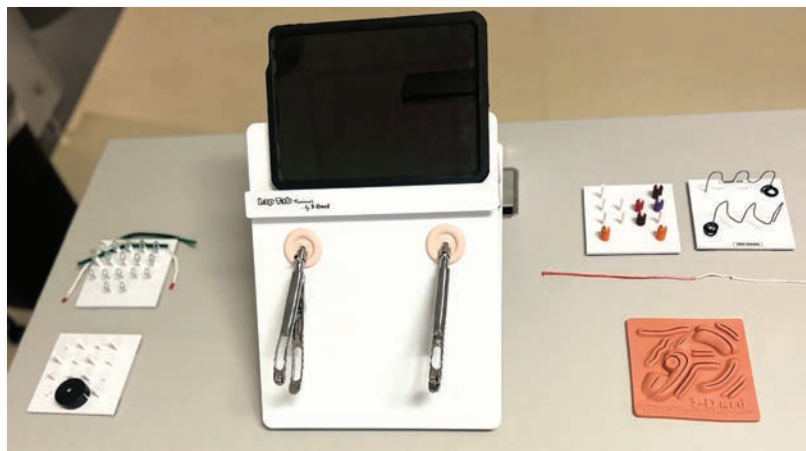
THE ADVANCED PROMPT FLEX BIRTHING SIMULATOR

The Advanced PROMPT Flex Birthing Simulator is an anatomically correct representation of a mother and baby. Its modular design allows for multiple training scenarios, and it forms the base for the complete PROMPT Flex range of birthing modules.



3-D MED LTS-P LAP TAB TRAINER™ PACKAGE AND LAPAROSCOPY SKILL BUILDING TASK SET

The Lap Tab Trainer™ is compatible with any tablet that has a camera. The tablet includes side ports, soft tissue suture pad, needle drivers, and 2/0 sutures to teach: Basic and advanced laparoscopic skills, Laparoscopic suturing, Laparoscopic Camera Navigation (LCN), and FLS skills practice.



The Skill Building Task Set provide challenges that are required motions and activities used in laparoscopic surgery. Each task has multiple exercises of varying degrees of difficulty.

FIVE-YEAR-OLD MULTIPURPOSE PATIENT SIMULATOR WITH OMNI® 2 (S157.250) KNOWN AT NYSIM AS CPR HAL

Five-Year-Old Multipurpose Patient Simulator is an advanced pediatric simulator, commonly used for standard and advanced procedural skills training. Learners master resuscitation skills including CPR, intubation trach care and IV access.



SCHOLARLY CONTRIBUTIONS

ONLINE NEWS MEDIA

LaPook J, **Pradhan D**. Medical experts demonstrate life-saving techniques when someone goes into cardiac arrest. *CBS Mornings*. February 3, 2023. <https://www.cbsnews.com/video/medical-experts-demonstrate-life-saving-techniques-when-someone-goes-into-cardiac-arrest>



Pictured: Dr. Deepak Pradhan (left), Tony Dokoupil (center), Dr. Jon LaPook (right)

PUBLICATIONS

Penalo LM. Effects of the virtual simulation prebriefing-debriefing educational strategy on nursing students' self-efficacy and virtual simulation performance: A quasi-experimental study. *Clinical Simulation in Nursing*. August, 2023;82:1-13. <https://doi.org/10.1016/j.ecns.2023.101431>

Phillips Z, Wong L, Crotty K, Horlick M, Johnston R, Altshuler L, **Zabar S**, Jay M, Dembitzer A. Implementing an experiential telehealth training and needs assessment for residents and faculty at a veterans affairs primary care clinic. *J Grad Med Educ*. August, 2023;15(4):456-462. doi: 10.4300/JGME-D-22-00868.1. PMID: 37637347; PMCID: PMC10449358.

Schlechter A, Moerdler-Green M, **Zabar S**. et al. The positive approach to the psychiatric assessment: a randomized trial of a novel interviewing technique. *Acad Psychiatry*. 2023. <https://doi.org/10.1007/s40596-023-01842-1>

Shaw J, **Blatt B, Drda V, Zabar S**, Licciardi F. Simulation in reproductive endocrinology and infertility (REI): Closing the counseling gap. *Fertility and Sterility*. October 1, 2022;118(4):e71.

Desai PV, Howell HB, McGrath M, Ramsey R, Lebowitz J, Trogen B, Cha C, Pierce KA, **Zabar S**. Zoom objective structured clinical exams: Virtually the same as the real thing? *Acad Pediatr*. November 15, 2022.

Altshuler L, Wilhite JA, Hardowar K, Crowe R, Hanley K, Kalet A, **Zabar S**, Gillespie C, Ark T. Understanding medical student paths to communication skills expertise using latent profile analysis. *Med Teach*. March 24, 2023;1-8. doi: 10.1080/0142159X.2023.2193303. Epub ahead of print. PMID: 36961759.

Altshuler L, Fisher H, Wilhite J, Phillips Z, Holmes I, Greene RE, Wallach AB, Smith R, Hanley K, Schwartz MD, **Zabar S**. Comparison of primary care patients' and unannounced standardized patients' perceptions of care. *J Patient Exp*. February, 2023.

Zhang C, Kurzweil A, Pleninger P, Nelson A, Gurin L, **Zabar S**, Galetta S, Balcer L, Lewis A. Neurology faculty comfort and experience with communication skills. *J. Clin. Neurosci*. January 13, 2023;109:21-25.

Winkel AF, Gillespie C, Park A, Branzetti J, Cocks P, Greene RE, **Zabar S**, Triola M. Bridging the gap from student to doctor: Developing coaches for the transition to residency. *Med Educ Online*. December, 2023;28(1):2145103. doi: 10.1080/10872981.2022.2145103. PMID: 36351566; PMCID: PMC9662029.

ORAL AND WORKSHOP PRESENTATIONS

State, Regional and National

Kachur E, Fleishman C, Errichetti A, **Drda V**. Managing SP burnout: causes, signs and symptoms, solutions. Workshop presentation at: Association of Standardized Patient Educators (ASPE) Conference; June, 2023; Portland, OR.

Drda V, Anderson M, **Blatt B**, **Allen K**, **Tame K**, **Agnant J**, **Phillips D**, **Zabar S**. Selecting and hiring top notch standardized participants: expanding, diversifying, and strengthening an SP workforce. Oral presentation at: Association of Standardized Patient Educators (ASPE) Conference; June, 2023; Portland, OR.

Heller R, Wilhite J, Phillips Z, Wallach A, Hochman K, **Zabar S**. Mpox Simulation: A nimble educational tool during an emergent public health outbreak. Oral Presentation at: SGIM Annual Meeting 2023; May, 2023; Denver, CO.

Ark T, Wargo E, **Zabar S**, Kalet A. How ready are our near-graduates to be on call? Some are and some aren't. Oral Presentation at: SGIM Annual Meeting 2023; May, 2023 Denver CO.

Wargo E, Dayani I, Liu L, Wilhite J, Hardowar K, Hanley K, Gillespie C, **Zabar S**, Altshuler A. Assessment of shared decision making in depression management using unannounced standardized patients. Oral Presentation at: SGIM Annual Meeting 2023; May, 2023; Denver, CO.

Ark T, Wargo E, Crowe R, DeWitt D, Auerbach L, Schaye V, Dodson L, Francis M, Kalet A, **Zabar S**. How ready are our near-graduates for internship? Night-on-call immersive simulation data over time and across consortium schools. Oral Presentation at: SGIM Annual Meeting 2023; May, 2023; Denver, CO.

Greco A and **Pradhan D**. Expanding your leadership toolkit with design thinking. Oral Presentation at: Association of Pulmonary and Critical Care Medicine Program Directors (APCCMPD); March, 2023; Portland, OR.

Pradhan D. Applying four-component instructional design (4C/ID) to longitudinal simulation-based education. Oral presentation at: Pulmonary and Critical Care Grand Rounds, University of Kansas Medical Center; December, 2022; Virtual.

Altshuler L, Ark T, Wilhite J, Hardowar K, Crowe R, Kalet A, **Zabar S**, Gillespie C. Describing medical students based on their communication skills using latent profile analysis: Understanding the path to expertise. Oral Presentation at: AAMC 2022 Conference; November, 2022; Nashville, TN.

Pradhan D. Simulation education cases in critical care cardiology. Moderated panel presentation at: The NYU Langone Critical Care Cardiology International Symposium, October 2022; Virtual.

Pradhan D. Advanced airway skills: Intubation, bronchoscopy and suction assisted laryngoscopic airway decontamination, cric station. Panelist at: The NYU Langone Critical Care Cardiology International Symposium, October 2022; Virtual.

Agnant J, Duncan E, Sagalowsky S, Kessler D. Addressing inequity and building structural competency through simulation. Workshop presentation at: Hot Topics in Simulation Education, The New York Simulation Center for the Health Sciences; October, 2022; Virtual.

Pradhan D. Advocacy, inquiry, and curiosity: Mastering debriefing with good judgment. Workshop presentation at: Hot Topics in Simulation Education, The New York Simulation Center for the Health Sciences; October, 2022; Virtual.

Zabar S, Gillespie C, Schaye V, Robak M. Designing OSCE assessments: Measuring EPA, competencies and skills. Workshop presentation at: Hot Topics in Simulation Education, The New York Simulation Center for the Health Sciences; October, 2022; Virtual.

POSTER PRESENTATIONS

Blatt B, Tame K, Allen K, Zurich R, Heredia P, Pradhan D, Agnant J, Zabar S, Phillips D. Expanding the tent: Increased academic simulation center usage through a multifaceted strategy. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Beltran C, **Pradhan D, Phillips D, Agnant J, Tame K, Blatt B,** Buckvar-Keltz L, Manko J, **Zabar S.** Reported exposure and comfort with patient safety behaviors continues to be low: Our 5-year survey of incoming interns to our healthcare system. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Heller R, Phillips Z, Wilhite J, Sartori D, **Zabar S,** Hayes R. What happens in the zoom? A workplace-based assessment of residents' post-discharge skills in a telemedicine visit with a standardized patient. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Phillips Z, Wilhite J, Hernan G, Lambert R, Altshuler L, Nicholson J, Hanley K, Gillespie C, **Zabar S.** 30 Years of unannounced standardized patients: A systematic review and call for study standardization. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Beltran C, Wilhite J, Hayes R, LoSchiavo C, Adams J, Hanley K, Hauck K, Gillespie C, **Zabar S,** Greene R. Better than they think: Residents underestimate their skills and lack confidence when caring for transgender patients in OSCEs. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Robak M, Haller M, Reinstein I, Gillespie C, Kosciwa N, Crotty K, Kudlowitz D, Rosenfeld M, Harnik V, **Zabar S,** Schaye V. Validating clinical skills competency assessment: Internal consistency analysis of the NYU Grossman School of Medicine 7- station comprehensive clinical skills examination. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Wilhite J, Phillips Z, Hardower K, Altshuler L, Hanley K, Wallach A, Holmes I, Lee M, Gillespie C, **Zabar S.** Exploring associations between core clinical communication skills and telehealth competency using unannounced standardized patients. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Beltran C, Wilhite J, Hayes R, LoSchiavo C, Crotty K, Adams J, Hauck K, Crowe R, Kudlowitz D, Katz K, **Zabar S,** Greene R. Practice makes perfect: Spaced repetition OSCEs involving transgender patients across the UME-GME continuum improves performance. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Gillespie C, Beltran C, Kijowski M, Horlick M, Porter B, Altshuler L, Hanley K, **Zabar S**. Assessing resident professionalism using OSCES: Context, consistency and communication skills. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

Francis M, Wargo E, Ark T, Gonzalez C, **Zabar S**, Kalet A. Using Night-on-Call to assess near-graduates ability to address a patient's pain assessment and management. Poster presented at: SGIM 2023 Annual Meeting; May, 2023; Denver, CO.

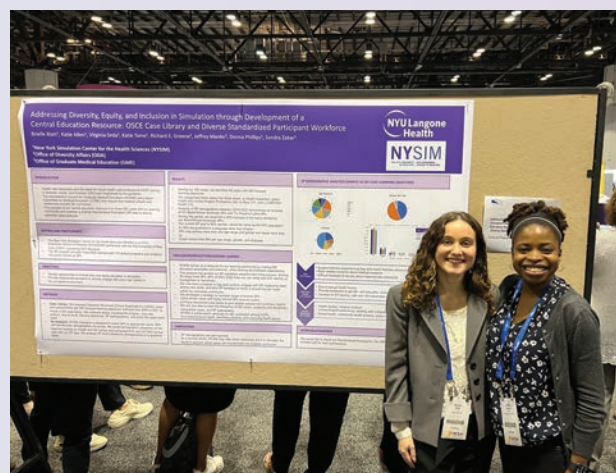
Blatt B, Allen K, Drda G, Tame K, Manko J, **Phillips D, Zabar S**. Addressing Diversity, Equity, and Inclusion in Simulation through Development of a Central Education Resource: OSCE Case Library and Diverse Standardized Participant Workforce. Poster presented at: International Meeting on Simulation in Health Care (IMSH) Conference, January, 2023; Orlando, FL.



Pictured: Brielle Blatt, MPA (left), Dr. Deepak Pradhan (center) and Dr. Joanne Agnant (right), photographed at the 2023 International Meeting on Simulation in Health Care (IMSH) Conference.

Blatt B, Allen K, Drda G, Tame K, Manko J, **Phillips D, Zabar S**. Addressing diversity, equity, and inclusion in simulation through development of a central education resource: OSCE case library and diverse standardized participant workforce. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Hernan G, Wilhite J, Phillips Z, Lambert R, Altshuler L, Nicholson J, Hanley K, Gillespie C, **Zabar S**. 30 Years of unannounced standardized patients' utilization in research: A systematic review. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.



Pictured: Brielle Blatt, MPA (left) and Dr. Joanne Agnant (right), presenting the poster "Addressing Diversity, Equity, and Inclusion in Simulation through Development of a Central Education Resource: OSCE Case Library and Diverse Standardized Participant Workforce" at the International Meeting on Simulation in Health Care (IMSH) Conference.

Janjigian M, Dembitzer A, Srisarajivakul-Klein N C, Mednick A, Hardowar K, Cooke D, **Zabar S**, Sauthoff H. Design and comparison of a hybrid to a traditional in-person point-of-care ultrasound course. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November 2022; New York, NY

Beltran C, **Pradhan D, Philips D, Agnant J, Tame K, Blatt B**, Buckvar- Keltz L, Manko J, **Zabar S**. Are incoming interns prepared for patient safety: NYU Grossman School of Medicine 5-year experience. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Dayani I, Liu L, Marmolejos H, Wargo E, Wilhite J, Hardowar K, Hanley K, Gillespie C, **Zabar S**, Altshuler L. Assessment of shared decision making in depression management using unannounced standardized patients. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Wilhite J, Hardowar K, Fisher H, Altshuler L, Gillespie C, Hanley K, Holmes I, Wallach A, Porter B, **Zabar S**. Exploring physician and medical assistant response to patient financial concerns in response to performance feedback. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference, November, 2022; New York, NY.

Schlechter A, Moerdler-Green M, **Zabar S**, Reliford A, New A, Feingol J, Guo F, Horwitz S. Priming patients with positive emotions: A randomized trial of the positive assessment and the traditional psychiatric interview. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022, New York, NY

Smith M, Lewis A, Pleninger P, Sabadia S, Giglio B, **Zabar S**, Zakin E, Kurzweil A. Teaching neurology trainees to provide a terminal diagnosis using objective structured clinical examinations (OCSE). Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Sabadia S, Kurzweil A, Lewis A, Lillemoe K, **Zabar S**, Zakin E, Smith M, Giglio B, Pleninger P. Training neurology residents to address uncomfortable patient behavior through a simulated experience. Poster Presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Giglio B, Lewis A, Lillemoe K, Pleninger P, Sabadia S, Smith M, Zakin E, **Zabar S**, Kurzweil A. Teaching neurology residents to lead a goals of care conversation using simulation. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Heller R, Phillips Z, Sartori D, **Zabar S**, Hayes R. Transitional care management skills: Using standardized patients to train and assess residents during their post-discharge clinic. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Lillemoe K, Kurzweil A, Sabadia S, Pleninger P, Lewis A, Giglio B, **Zabar S**. Use of simulation to develop telestroke skills in trainees. Poster presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Wargo D, Braun M, Ark T, Kalet A, **Zabar S**. Six medical schools' experience of Night-onCall – An end of medical school readiness for residency assessment. Poster Presented at: NYU Grossman School of Medicine's Seventh Annual Medical Education Innovations & Scholarship Conference; November, 2022; New York, NY.

Phillips Z, Altshuler L, Gillespie C, Hanley K, Wilhite J, Fisher H, Wallach A, Dapkins I, Lee M, Dembitzer A, Jay M, Mitsimoto J, Robertson V, **Zabar S**. Just-in-time education: Implementing a simulation-based telemedicine training and assessment program across our educational continuum and health system. Poster Presentation at: AAMC 2022 Conference; November, 2022; Nashville, TN.

Van der Meulen M, **Zabar S**, Hanley K, Altshuler L, Wallach A, Porter B, Wilhite J, Fisher H, Hardowar K, Phillips Z, Gillespie C. Are residents' clinical skills assessed in simulation setting associated with their skills in clinical practice? - Using unannounced standardized patient visits and OSCEs. Poster presented at AAMC 2022 Conference; November, 2022; Nashville, TN.

Ark T, **Zabar S**, Eliasz K, Wargo E, Kalet A. Using a simulated 360 experience to assess near-graduates readiness-for-internship: Do all assessors tell the same story? Poster presented at AAMC 2022 Conference; November, 2022; Nashville, TN.

Schaye V; Kudlowitz D; Robak M; Crowe R; **Zabar S**; Gillespie C; Harnik V; Rosenfeld M; Crotty K. Evaluation of clinical skills assessment program at NYU Grossman School of Medicine: Opportunities for future directions in curriculum redesign. Poster presented at AAMC 2022 Conference; November, 2022; Nashville, TN.

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