

ANNUAL REPORT 2023



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Leadership Message



S. Barry Issenberg, M.D.
Director

Dear Friends of the Gordon Center,

2023 marked another year of excitement and success at the Gordon Center. This year saw a significant expansion in the scope of our existing projects and programs, alongside the launch of new initiatives. We maintained our dedication to collaboration, working closely with partners throughout Florida, across the United States, and globally. These collaborations were pivotal in advancing healthcare simulation and fostering innovation in medical education.

In this report you will read about a new generation of our cardiopulmonary patient simulator Harvey® that is now available in three skin tones – light, medium, and dark. As healthcare learners, educators, and providers engage with an increasingly diverse patient population, simulation-based training can help them practice and develop the essential skills needed to foster equitable care that leads to better patient outcomes. To promote diversity in health professions education, Harvey's new skin tones reflect our societal complexities.

I am also excited to share updates on the Advanced Stroke Life Support® (ASLS) blended learning course that we co-developed and launched with the American Heart Association. In 2023, we trained a record number of and substantially expanded our global presence. We conducted training sessions in Europe, India, and the United Arab Emirates, among others. Looking ahead, we aim to extend our reach to even more countries in the coming years.

Another article in this report showcases the wide range of healthcare professionals trained at the Gordon Center. We offer simulation-based training, and curricula for first responders, nurses and physicians, medical students, and others, reflecting our dedication to influencing many facets of healthcare.

On a personal note, I am excited to share that I was named president-elect of the Society for Simulation in Healthcare (SSH) in 2023 and assumed the role of president of the Society in January 2024. In this report, I will offer some insights into the SSH and my immediate and more long-term goals for the Society.

As 2023 comes to a close, I extend my heartfelt gratitude to all our friends, supporters, and partners for your invaluable support of our Center this year. Your ongoing collaboration and steadfast enthusiasm for our work are deeply appreciated. To the readers of this report and followers of the Gordon Center – your interest in our mission and endeavors means a great deal to us. I hope you find this annual report insightful and engaging, and I eagerly anticipate a prosperous 2024.

Best,

S. Barry Issenberg, M.D.

Director

Gordon Center for Simulation and Innovation in Medical Education
University of Miami Miller School of Medicine

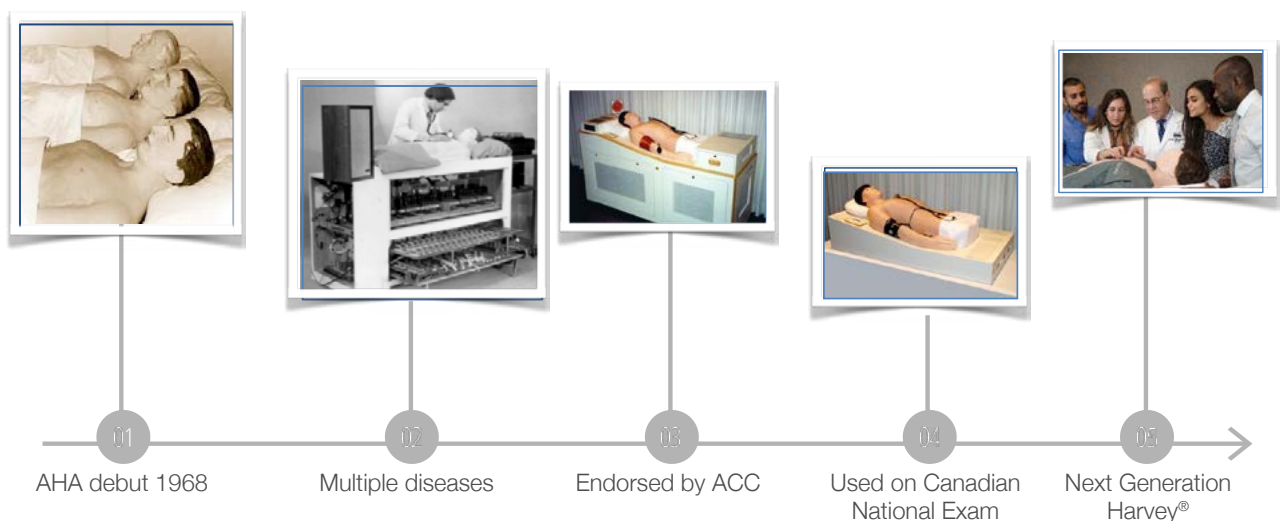


The Evolution of Harvey®, the Cardiopulmonary Patient Simulator



Used by health professions students, educators, and practitioners around the world, the cardiopulmonary patient simulator Harvey® has been in use for more than 50 years. Introduced in 1968 by the late Dr. Michael S. Gordon, the full-sized patient simulator Harvey was among the first computer-enhanced mannequins developed for the training of healthcare professionals. Since then, Harvey has been upgraded with many more advanced and diverse cardiac conditions, and has also transformed from a large and bulky mechanical simulator to a more portable, all-digital mannequin. Harvey was named after W. Proctor Harvey, a renowned cardiologist at Georgetown University and mentor of Dr. Gordon.

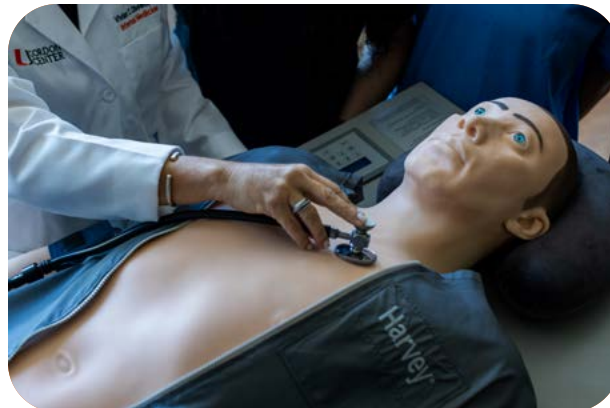
What differentiates Harvey from other simulators is that it realistically simulates cardiac and pulmonary conditions at the touch of a button by varying blood pressure, pulses, heart sounds, murmurs, and breath sounds. Educators in more than 50 countries use Harvey to train the next generation of healthcare providers – from medical, nursing, physician assistant and other students to postgraduate trainees and practicing professionals in multiple disciplines. Harvey is the longest continuous university-based simulation project in medical education, and no other simulator presents cardiac bedside findings at the level of detail and fidelity found in Harvey.



Originally there were three prototype Harvey mannequins, each simulating a different single disease. Since then, Harvey has advanced to the point where one mannequin can simulate multiple diseases. The latest generation Harvey systems simulate nearly every possible cardiac condition and include 50 patient scenarios, enhanced physical exam findings at faster heart rates, a library of hybrid simulation cases involving standardized patients (SPs) for teaching and assessing clinical skills, and a comprehensive curriculum that presents the salient history, physical examination, diagnostic work-up and management for each patient scenario. The curriculum is structured to begin with common, less complex conditions and progress to more rare and complex diseases. Harvey is also equipped to support the use of the UMedic® multimedia e-learning programs to provide institutions with a total training solution.

Harvey is portable, allowing educators and learners to use the simulator in nearly any environment in which they examine real patients. Harvey is also commonly used in simulation centers and clinical skills or SP training areas. Teaching sessions with Harvey are adaptable to multiple learning strategies: for example, instructors can effectively lead traditional, large-group sessions by using Harvey along with a sound transmission system for auscultation and video projection for demonstrating other physical findings. Alternatively, small groups may learn without an instructor by using audio stethophones for simultaneous auscultation while being guided by the Harvey curriculum slide programs or the UMedic system. In any case, it's important that Harvey's location should be convenient for trainees and instructors. Although Harvey can function as a self-learning device, the nearby presence and availability of knowledgeable faculty and staff will further ensure a successful program.

Over the past two years, the team at the Gordon Center, together with partners at Laerdal Medical – a Norwegian company dedicated to improving global healthcare through simulation-based education and



resuscitation training – have collaborated to develop a new generation of Harvey that is now available in three skin tones – light, medium, and dark. We undertook this initiative because we believe that simulations of healthcare settings are most effective when they reflect real-world circumstances. Today, in the United States, and particularly in South Florida, healthcare professionals engage with increasingly diverse patient populations, and simulation-based training can help learners practice and develop the essential skills needed to foster more equitable care that can lead to better patient outcomes. In an effort to promote diversity and inclusivity in health professions education, Harvey's new skin tones reflect our societal complexities.

In addition to the new skin tone feature, we also worked with Laerdal design and materials engineers to identify a softer silicone-based material that provides even more realistic palpation of pulses. Finally, the latest generation Harveys are made from materials that are more easily biodegradable, which is in line with our commitment to sustainability and environmental safety.

In the future, we expect Harvey to become even more sophisticated by incorporating emerging digital technologies. As virtual and augmented reality become more accessible for healthcare simulation applications, we envision future iterations of an even more diverse Harvey to make use of these technologies as well.

The Gordon Center at the 2023 International Meeting on Simulation in Healthcare



What a great time we had at the 2023 International Meeting on Simulation in Healthcare (IMSH) in our home state of Florida. Our faculty contributed to the scholarly work that informed discussions at the 2023 Society for Simulation in Healthcare (SSH) pre-conference Research Summit, and also led workshops on mentorship, and presented sessions with Harvey®. As president-elect of the Society for Simulation in Healthcare, Dr. Issenberg presented Mr. Tore Laerdal of Laerdal Medical with the Pioneer in Simulation Award, recognizing his lifelong contributions to healthcare simulation. Click on the image on the left to watch our video series of the event and experience IMSH through our eyes.

IMSH brings together top industry thought leaders to present on the latest innovations and best practices in healthcare simulation and the Gordon Center has played an integral role since its inception. Take a look at our engagement, from educational sessions with Harvey® to leading workshops on mentorship, the Gordon Center was there to put healthcare simulation education front and center.

Dr. Barry Issenberg Appointed President-Elect

While there were many highlights, undoubtedly the most memorable moment was the official selection of Gordon Center Director, Dr. Barry Issenberg, as president-elect of the SSH. In this role, Dr. Issenberg will lead the way in upscaling simulation in healthcare and working with SSH leadership and its global membership to realize their 5-year strategic plan.



Coming Full Circle: Dr. Asit Misra's Story

Was it destiny? In 2015, traveling from India on scholarship to attend his first IMSH conference, Dr. Asit Misra made his way into a packed auditorium to attend a plenary session. What happened next would change the course of his future. Nearly 10 years later Dr. Misra returned to the IMSH with his colleagues from the Gordon Center, rounding out what can only be described as a full-circle moment.

Gordon Center Leads at IMSH

The Gordon Center faculty contributed to the scholarly work that will inform discussions at the 2023 Society for Simulation in Healthcare pre-conference Research Summit. We proudly contributed to the event by serving on multiple planning committees and showcased our latest innovations, research and technology at this largest simulation conference in the world.



Research Presentations at IMSH

The Gordon center team focused on research at IMSH. When it comes to learning from Standardized Patients, do students prefer online or in-person scenarios? We posed the question, which is more effective? Come along with our Director of the Standardized Patient Program, Samantha Syms, MS, CHSE, and learn more about our findings.



Dr. Barry Issenberg Presents Pioneer Award

A true pioneer in the field of healthcare simulation, Tore Laerdal's impact on saving lives is immeasurable. The Gordon Center was PROUD that our director, Dr. Barry Issenberg, as president-elect of SSH, presented Mr. Laerdal with the Pioneer in Simulation Award at IMSH 2023.



Our team is pleased to have participated and contributed in a variety of ways to this year's meeting. From exhibiting, leading educational sessions and mentoring, to forging new partnerships and reconnecting with longtime colleagues — and celebrating as Gordon Center Director, Dr. Barry Issenberg, officially begins his tenure as President-elect of the SSH — IMSH 2023 will be an event we never forget.

Gordon Center Director Barry Issenberg Becomes President of Society for Simulation in Healthcare in 2024



In 2023, Gordon Center Director Barry Issenberg, M.D., began serving as president-elect of the Society for Simulation in Healthcare (SSH), and he will assume the position of president in January 2024. In this role, Dr. Issenberg will lead the SSH toward its goal of expanding the use of simulation across the globe. He also wants to integrate simulation more seamlessly into health professions education, to ensure learners have greater access to the technology.

“We need to examine how simulation centers can better serve the academic missions of medical schools and hospitals,” he said. “How do we get out of our ‘silo’ and becoming more integrated within the health system? That’s when simulation will have a greater potential to make a wide-scale impact on patient care.”

Under Dr. Issenberg’s leadership, SSH will embark on the implementation of a 5-year strategic plan and a companion business plan. The Society has identified five key pillars to focus on in the coming years. The first pillar is advocacy, encompassing the promotion of strategic partnerships at the nexus of education, technology, and healthcare. The second pillar, education and training, emphasizes the development of more effective and efficient systems for educational and training purposes. The third pillar is credentialing, involving the formal accreditation of simulation centers and the certification of individuals specializing in simulation education or operations. The fourth pillar focuses on research and innovation, aiming to advance the field of simulation. Lastly, the SSH will concentrate on bolstering its own infrastructure, thereby reinforcing support for the other four areas.

“In my role as president, I see myself as an advocate and champion for the cause of simulation. I am committed to supporting the leaders of the Society’s four key areas,” said Dr. Issenberg.

As an organization SSH seeks to improve performance and reduce errors in patient care through the use of simulation. The Society was established



in 2004 by professionals using simulation for healthcare education, assessment, and research. SSH members include physicians, nurses, allied health and paramedical personnel, researchers, educators, and technology developers from around the globe. The Society also fosters the improvement and application of simulation-based modalities such as human patient simulators, virtual reality, standardized patients, and task trainers.

“The Society for Simulation in Healthcare promotes healthcare simulation through education, research, advocacy, and other means,” said Dr. Issenberg. “The mission is to advance simulation to prepare practitioners to provide more effective and safer care.”

Recognizing the transformative role of simulation in addressing current challenges in healthcare education, SSH advocates for advancements in simulation technology, educational methodologies, practitioner assessment, and patient safety. These enhancements not only promote better patient care but also improve patient outcomes.

“I am honored to assume the role of president of the Society in 2024 and look forward to spreading the word about the importance of simulation in healthcare education,” added Dr. Issenberg. “Once my term as president ends in 2025, my role as past-president will be to serve as an ambassador for the Society, with the goal of forming strong partnerships with other organizations dedicated to improving healthcare through simulation.”

Advanced Stroke Life Support (ASLS) Course Expands Internationally



In 2022, the Gordon Center successfully launched the new Advanced Stroke Life Support (ASLS) Blended Learning course in partnership with the American Heart Association (AHA). Since then, more than 250 training centers in the U.S. adopted the new curriculum, more than 600 instructors successfully completed training, and – in 2023 – the program expanded internationally. The goal of the ASLS course is to provide comprehensive and advanced training on stroke recognition and management to prehospital and hospital-based healthcare professionals, facilitating timely and effective patient care worldwide and mitigating the global health burden of stroke.

“Ultimately, what we’d like to accomplish with the ASLS course is to ensure that every prehospital and hospital-based healthcare professional is proficient in stroke recognition and management,” said Ivette Motola M.D., MPH, director of the prehospital and emergency training division at the Gordon Center. “We hope that leads to prompt and effective care that reduces stroke mortality and disability, regardless of geographical location.”

The course is designed for nurses and nursing students, paramedics and other first responders, physicians and physician assistants, residents and fellows, medical students, and respiratory therapists. Based on the target learner population, provider courses are available in three tracks: prehospital, in-hospital, and combined prehospital and in-hospital courses.

The blended learning courses consist of both an online, self-directed didactic portion, followed by an in-person skills verification session with an ASLS instructor at a training center. In the online component, learners follow an adaptive learning path that is personalized by continual assessment of not only their performance answering cognitive questions,



Instructors and providers from 22 countries, fostering a global network of dedicated individuals passionate about improving stroke care.

but also their self-reported confidence levels. In-person skills testing then challenges learners to apply their past experience and the knowledge obtained from the online portion to correctly perform neurologic screening exams and stroke scales, and also to diagnose and manage simulated patients with stroke.

“2023 was an exciting year for the ASLS course,” said Motola. “Together with the AHA, we made significant progress in fully establishing the program in the U.S. We now have training centers in almost all 50 states and D.C. And we launched phase one of our international expansion.”

The inaugural international roll-out of the ASLS Blended Learning course took place in May 2023 in Dubai, United Arab Emirates. Since then, five training centers have been accredited in the UAE. Throughout 2023, the program also added training centers in India, Jordan, Saudi Arabia, Mexico, and Germany. In 2024 and beyond, the program will expand to other geographic regions, including Africa, Europe and other parts of Asia .

In addition, Gordon Center and AHA experts led presentations describing the promise and effectiveness of the ASLS course at international conferences, including the Society of Academic Emergency Medicine (SAEM) Annual Meeting in the U.S., the Terzo Congresso Nazionale Emergenza Urgenza in Italy, as well as the MENA Stroke Conference in Saudi Arabia.

To learn more about ASLS, please visit <https://gordoncenter.miami.edu/asls-blended/>.



The Gordon Center India

As global leaders in healthcare education and simulation, Gordon Center Director, Dr. Barry Issenberg, along with Drs. Scalese, Misra, and Groom, traveled to India to further collaboration with leading institutions in the country.

With a commitment to ensure that simulation-based healthcare training is accessible to students and providers, they also met with members of parliament and healthcare leaders from different educational centers to discuss the expansion of simulation programs. The Gordon Center team also directed an Advanced Stroke Life Support® Blended Learning Course and Improving Simulation Instructional Methods (iSIM) courses.



ASLS® in Delhi, India

What a great experience bringing Gordon Center excellence to Delhi, India.

On July 11, 2023, together with the American Heart Association we launched the first international iteration of our Advanced Stroke Life Support (ASLS®) Blended Learning course, empowering healthcare professionals to confidently identify, evaluate, and manage stroke patients. We look forward to expanding these life-saving classes across the globe.



Click on image to
watch video

<https://bit.ly/49ljyGm>

Advanced Stroke Life Support® Blended Learning in the Making

Join us at the Gordon Center for a behind the scenes journey through the development of our Advanced Stroke Life Support (ASLS®) Blended Learning program, in collaboration with the American Heart Association.

ASLS® is the gold standard for equipping healthcare professionals with indispensable tools for effective stroke detection and optimal patient care. With a global network of more than 500 trained instructors and 250 established centers, we are the vanguard of stroke education. Our unwavering commitment to innovation propels us forward in our mission to save lives.

Life-saving Emergency Response Training Programs



State of Florida designated center for active shooter and disaster response training for first responders given the Gordon Center's expertise designing trauma and terrorism response programs for the U.S. military.



Training programs include Disaster Response, Acute Stroke, Advanced Life Support, Rapid Response Teams, Point-of-Care Ultrasound and Acute Trauma.



Provide advanced stroke life support training to more than 300 of Florida's prehospital and hospital-based health providers.



Unique Department of Defense partnership, training the U.S. Army's Forward Surgical Teams and Special Operations military teams prior to deployment.



Serve all 67 counties in Florida and all community and state colleges.



An international designated center of excellence that develops and disseminates training programs and curricula used at more than 2,000 medical centers and agencies worldwide



Support Hurricane Ian response as Gordon Center firefighter instructors from stations throughout South Florida were deployed to assist in managing critical search and rescue efforts.



Supported by the Federal Government, Department of Defense, and State of Florida for over 40 years.



2000+
Agencies Served



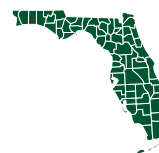
14
Training Programs
including Stroke,
Trauma, Life Support
& More



22,000+
First Responders &
Healthcare Personnel
Trained Annually



100%
Representation in
Florida Community &
State Colleges



Serving all
67
counties in
Florida

First There First Care Conference



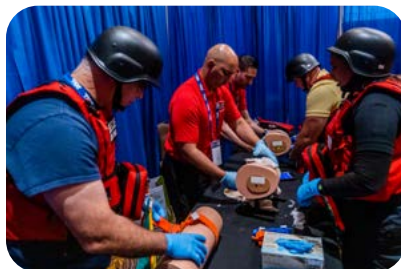
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watch video

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The Gordon Center was at the 26th Annual First There First Care Conference, South Florida's premier EMS conference. The Gordon Center continues shaping the future of emergency response through healthcare simulation technology. Our programs train EMS leaders in the field, empowering first responders and healthcare professionals in all 67 Florida counties with life-saving skills for high-pressure situations.



We showcased our Active Shooter Hostile Events training course distinguishes itself by prioritizing early intervention, and weaves fire rescue operations with law enforcement actions to facilitate life-saving care in these challenging events. Dr. Ivette Motola and Al Brotons also led participants through Advanced Airway Management training where learners honed their skills in evaluating and managing patients with ACS, airway emergencies, and respiratory distress. With our team of expert instructors, we delved into practical techniques like bag-mask ventilation, intubation, and monitoring. Together, we're revolutionizing prehospital care.



Come behind the scenes with the Gordon Center and see our onsite experience alongside some of South Florida's finest first responders.

We look forward to participating in 2024.



Honoring and Celebrating Florida's Urban Search and Rescue Task Forces 1 & 2

In a special ceremony recognizing the unwavering commitment and bravery of local first responders, the Gordon Center honored and presented 80 new helmets to members of the Florida Urban Search and Rescue Task Force-1 and Task Force-2. Members of these task forces trained at the Gordon Center and have been on the frontlines of the Surfside Champlain building collapse, recent fires in Maui, Hurricane Ian, and more.

The Gordon Center, employing a train-the-trainer model, has been instrumental in developing the skills and techniques that Urban Search & Rescue Teams use when lives are on the line. This ceremony not only celebrated the tireless efforts of these teams, but also highlighted the state-of-the-art training first responders receive at the Gordon Center, founded by the late Dr. Michael S. Gordon. With a legacy spanning over 45 years, the center continues to set a global standard for medical and rescue training.

The Gordon Center honors and celebrates the heroic efforts of Florida's Urban Search & Rescue Task Forces 1 and 2. These dedicated teams have consistently been at the forefront of disaster response, including their valiant efforts during recent events like the Maui fires, Hurricane Ian, and the Champlain Tower South building collapse in Surfside.

Our training courses have contributed to the preparedness and effectiveness of members of these Urban Search & Rescue Task Forces. Thank you to these true frontline heroes and to all who support and empower them.



Click on image to
watch video

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First Regional Hub in Florida for Active Shooter Training



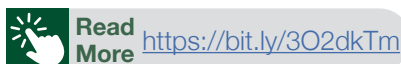
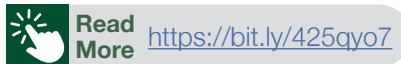
In partnership with the Florida Public Safety Institute, the Gordon Center led an active shooter training for law enforcement officers and EMS first responders in Havana, Florida.

The Florida Public Safety Institute is the first facility to become a regional hub for the Gordon Center's innovative active shooter training.

Featured in WCTV.tv and Tallahassee Democrat, the Gordon Center's innovative approach disrupts traditional protocol by embedding fire rescue personnel within law enforcement teams, allowing them to enter the scene while it's still considered "hot" or potentially dangerous. Executed in partnership with the Florida Department of Education, this training has enabled us to provide training programs free of charge to municipal governments, law enforcement agencies, and fire rescue services throughout the state.



Visit the news links to learn more:



Point of Care Ultrasound (POCUS) in Tallahassee, Florida

Leon County EMS participated in our Point of Care Ultrasound (POCUS) course in Tallahassee, Florida. POCUS plays a critical role in Emergency Medical Services (EMS) by allowing first responders to rapidly diagnose and treat life-threatening injuries with new portable, wireless ultrasound technology before patients reach the Emergency Department.

We applaud the dedication of the professionals who participated in this endeavor and hope this inspires other EMS teams to pursue additional training as well.

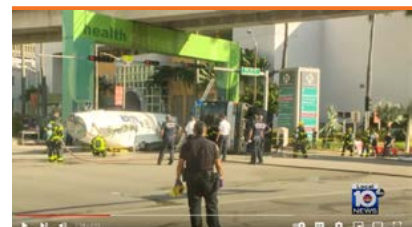


Emergency Trauma Training

The Gordon Center partnered with local and federal agencies to conduct this simulation designed to test first responders, health system operations, and other emergency officials in preparation for a real-life scenario with high-level traumas.

Nearly 20 agencies and more than 70 standardized patient actors participated, including City of Miami Police, Miami-Dade Fire Rescue, the FBI, and members of the French consulate.

With realistic simulation training, we are better equipping our local responders and healthcare professionals to handle anything that comes their way effectively and confidently.



Click on image to watch video

<https://bit.ly/4aqORR3>



Visit the link below to learn more:



Read More

<https://bit.ly/4cxYsH2>



MICHAEL S. GORDON CENTER FOR SIMULATION AND INNOVATION IN MEDICAL EDUCATION

FELDMAN DIVISION
OF MULTIPROFESSIONAL
HEALTH EDUCATION

DIVISION OF RESEARCH
AND TECHNOLOGY

DIVISION OF
PREHOSPITAL AND
EMERGENCY TRAINING

THE HOME OF "HARVEY"

All visitors to the Gordon
Center must check-in
with the receptionist.
Thank you.
Administration

Noteworthy Events

January 11

Meet the Experts: Dr. Ross Scalese

Dr. Ross Scalese has made a lasting impact on simulation education through his dedication to service in the healthcare field. He plays an integral role in advancing both Gordon Center curricula and simulation training worldwide. Learn more about his journey and passion for education.



January 22

Condolences for Dr. Nagel

Dr. Eugene Nagel, once on faculty at the University of Miami, was a pioneering figure in the field of emergency medicine whose contributions and leadership have left a lasting impact. His dedication to the development of the modern emergency medical system, first implemented in Miami at Jackson Memorial Hospital (Jackson Health System), will always be remembered and revered. Our condolences to his family and loved ones.



Read
More

<https://bit.ly/4bxwzOW>

February 8

Celebrating One Year of ASLS® Blended Learning at The International Stroke Conference

Our team joined the world's best stroke and brain health scientists at The International Stroke Conference in Dallas, Texas. We shared the latest advancements and innovations in stroke care and education and celebrated the first year of our Advanced Stroke Life Support (ASLS®) Blended Learning course, developed in partnership with the American Heart Association.



February 8

ASLS® Courses in 2023

The first Advanced Stroke Life Support (ASLS®) Blended Learning courses of 2023 have been a major success. Sincere thanks to our friends at Loma Linda University in California and to the American Heart Association headquarters in Texas for hosting our team and inviting instructor candidates in their respective areas to join us for a day of learning.

Additionally, a big 'thank you' to all the instructor candidates who completed our training at St. Mary's Healthcare System in Athens, Georgia, and to those from elsewhere across the country who joined us for our first – and fully booked – virtual training session of the year.

It is great to see such a strong nationwide commitment to life-saving education, and we look forward to continuing to train and empower more instructors and healthcare professionals in the coming months.



February 9

ASLS® in Dallas, TX

Advanced Stroke Life Support (ASLS®) Blended Learning has made its way to Texas. Thank you to the American Heart Association National Center in Dallas for hosting and making our ASLS Blended Learning course available for instructor candidates in the area.



February 13

Celebrating Miami Navy Week

As a longstanding civilian partner of the U.S. Armed Forces, the Gordon Center celebrated Navy Week by welcoming Rear Admiral Guido Valdes, commander of Naval Medical Forces Pacific. Rear Admiral Valdes is an emergency physician and two-time University of Miami graduate, responsible for ten U.S. Navy Medicine Readiness and Training Commands on the West Coast and Pacific Rim, as well as Navy Medicine's eight global research labs. We look forward to ongoing collaborations with military medical personnel as we continue working together to save lives.



February 14

Welcome Hadassah Medical Organization

Our team welcomed Professor Yoram Weiss, MD, the newly appointed Director General of the Hadassah Medical Organization, one of Israel's leading medical centers. Hadassah is the oldest medical school and first to have Harvey, the cardiopulmonary patient simulator, in Israel.



February 25

2023 Dolphins Cancer Challenge

Dr. Ivette Motola and her son, Lukas, represented the Gordon Center in the 2023 Dolphins Cancer Challenge where they cycled 15 miles and raised funds to support the Sylvester Comprehensive Cancer Center.



March 7

Congressman Gimenez support for the Gordon Center

The Gordon Center is grateful to Congressman Carlos A. Gimenez who secured funding that furthers the reach of our programs. Through his continued support, we are able to improve the effectiveness of Harvey® the cardiopulmonary patient simulator, the longest continuous university-based simulation project in medical education.



March 8

Dr. Donald Rosenberg



The Gordon Center deeply felt the loss of our friend and colleague, Dr. Donald Rosenberg. A longtime faculty member at the Gordon Center and the Miller School of Medicine, Dr. Rosenberg was a pioneer of pre-hospital emergency care and a true trailblazer in the healthcare field. He will be greatly missed.

March 9

Damar Hamlin Cardiac Arrest

Damar Hamlin's cardiac arrest on the field served as a shocking reminder of the importance of Basic Life Support, which enables providers to recognize life-threatening emergencies, give high-quality chest compressions, and provide early use of an AED if necessary. Pre-med students from University of Miami learned these life saving skills with our Gordon Center team.



March 28

Med 'Canes Residency Prep Course

The Gordon Center hosted a class of Miller School students during their Senior Residency Prep Course. Now required for all graduating students, this immersive four-week boot-camp incorporates repetitive practice and feedback sessions, as well as standardized patients and high-fidelity simulations in order to instill greater confidence in students as they begin their residency by preparing them to communicate effectively in challenging scenarios and handle acute emergencies.



April 12

Dr. Motola Travels to Italy for CEU 2023

Dr. Ivette Motola, Assistant Director of the Gordon Center and Director of our Prehospital and Emergency Training Division, provided invaluable insights into the use of simulation in medical education at CEU 2023, the largest congress dedicated to Urgent Care and Emergency Medicine, held in Florence, Italy.

With 450 speakers from around the world and thousands of participants, CEU 2023 covered 140 hours of content over two days, showcasing the Gordon Center's role in providing advanced technology to medical education globally through the Advanced Stroke Life Support® program.



April 14

Emergency Response to Trauma & BLS with University of Miami Students

Congratulations to the University of Miami students who completed Emergency Response to Trauma and Basic Life Support (BLS) courses at the Gordon Center. The Emergency Response to Trauma training equips learners to offer immediate care in high-pressure situations. This training not only fosters crucial competencies in assessing and managing life-threatening injuries, but also sharpens provider's critical thinking and problem-solving skills. The importance of Basic Life Support cannot be overstated, as it is often the first line of defense in managing critical medical situations. This training provides students with the knowledge and skills necessary to recognize life-threatening emergencies and perform high-quality chest compressions, in addition to providing early use of an AED, if necessary.



April 25

Emerge Americas 2023 Conference

The eMerge Americas 2023 conference was made even more memorable with University of Miami President Julio Frenk's talk on the Gordon Center's innovative initiatives. His keynote emphasized the importance of combining technology with human interaction to enhance the learning experience.

Guided by our Director of Educational Technology Development, Dr. Ross Scalese, President Frenk had the opportunity to experience the Harvey system in action and gain a deeper understanding of its capabilities through a virtual reality platform which enables users to explore a range of cardiopulmonary simulation scenarios.

Learn more about our experience at eMerge: <https://bit.ly/4ahSGlc>



University of Miami President Julio Frenk checks on Harvey, the world's first cardiopulmonary simulator that was created more than 50 years ago by Michael S. Gordon at the Miller School of Medicine and has been in use in hundreds of institutions, and in close to 70 countries throughout the world, to train learners in the health field. Harvey is a sophisticated mannequin that can simulate up to 50 heart and lung conditions.

April 27

State Representative Juan C. Porras visits the Gordon Center



Thank you, State Representative Juan C. Porras, for visiting the Gordon Center.

Our center trains 22,000+ first responders and healthcare personnel annually. Serving 2000+ agencies and all 67 counties in Florida, we continue advancing our

ongoing collaboration in our state to further enhance and advance simulation training.

May 10

American College of Physicians Conference

The Gordon Center made waves at the 2023 Internal Medicine Meeting hosted by the American College of Physicians (ACP) in San Diego, CA, where we took Harvey® along with us.

During the conference, Dr. Scalese and colleagues led multiple clinical skills workshops on cardiac murmurs, sharing our expertise in differentiating between serious and benign murmurs. Our insights, coupled with the use of Harvey®, provided valuable learning opportunities for healthcare professionals in attendance.



May 10

Welcome Dr. Kathi Kern

We were thrilled recently to welcome Dr. Kathi Lynn Kern, Vice Provost for Educational Innovation at the University of Miami, to the Gordon Center.

Dr. Kern, second from the left, visited us to learn more about our innovative, technology-enhanced education methods and other cutting-edge projects we are developing. We look forward to working together to advance education through innovation.



May 15

Class of 2023 - School of Medicine

We joined the Miller School of Medicine in celebration of the University of Miami Miller School of Medicine Class of 2023 for successfully completing their academic journey. As they embark on the next stage of their professional career, we wish them the best of luck and continued success.



June 22

Association of SP Educators

The Gordon Center shined at the Association of SP Educators - ASPE Conference! From “Commit to the Bit: An Acting Workshop” to “Professional Development for SPs,” we empowered educators and Standardized Patients to enhance their skills and drive change in simulation-based education.

The team’s poster presentation titled “The Impact of SPs in Preparing Emergency Professionals for Advanced Life Support Challenges” received the runner-up award, recognizing our groundbreaking research and commitment to excellence. Additionally, their “Breaking Bad News in the Pediatric Hematology Oncology Setting” presentation provided valuable insights for sensitive communication in challenging healthcare scenarios.



June 28

Nashville, TN ASLS

The Gordon Center team along with the American Heart Association led another Advanced Stroke Life Support® (ASLS) Blended Learning instructor course.

Thank you to our hosts from Ascension Saint Thomas Hospital Midtown and HCA Center for Clinical Advancement in Nashville, TN for your commitment to advancing knowledge and skills to save more lives.



July 7

Dr. Michael Gordon Legacy

Dr. Michael S. Gordon's legacy lives on through the Gordon Center. From our simulation training programs to our research projects, we recognize that working together is essential for improving healthcare education and patient outcomes around the world.



July 6

School Champions

Thank you to the exceptional School Champions from North Miami Beach Senior, North Miami Senior, and Booker T. Washington High Schools for visiting us.

It was an absolute delight to share our pioneering initiatives and engage in insightful discussions on health careers and professional development. We hope that this visit has sparked inspiration within you, and that you envision a future where you become integral members of the medical field to drive impactful change.



July 7

Health Careers Motivation Program

We welcomed participants of the Health Careers Motivation Program and High School Careers in Medicine Program who visited the Gordon Center for a day of immersive learning organized by the University of Miami Miller School of Medicine Office of Diversity, Inclusion, and Community Engagement (ODICE).

We extend a special thank you to Dean Henri Ford, Dean Latha Chandran, and ODICE Director, Dr. Nanette Vega, for allowing us to share an overview of our impactful work at the Gordon Center with these promising students.



July 13

iSIM Makes its Way to India

Our Improving Simulation Instructional Methods (iSIM) course made its way to India for the first time. In collaboration with Medhavi Skillversity, the course brought together healthcare providers from across the country eager to enhance their simulation-based healthcare education skills and abilities. From cutting-edge techniques to innovative technologies, we are sharing the fundamentals of utilizing healthcare simulation to improve instruction and learning retention.



July 14

Highlighting Excellence



Introducing Michele Leith, BSN, CNOR, MSN, one of our Nursing Simulation Instructors at the Gordon Center.

From training Rapid Response Teams to instructing Advanced

Cardiac Life Support, Michele loves the variety of subjects she gets to teach, providing engaging simulation instruction and skills verification to students, first responders, and seasoned healthcare professionals. She thrives alongside the supportive and professional staff at the Gordon Center and was honored to be named Rookie of the Year in 2022, after her first year as an instructor!

July 21

Highlighting Excellence



Join us in celebrating Dayna James, an integral member of the Gordon Center instructor team. Having served with us for 8 years, Dayna has made a significant impact teaching life-saving emergency and resuscitation courses.

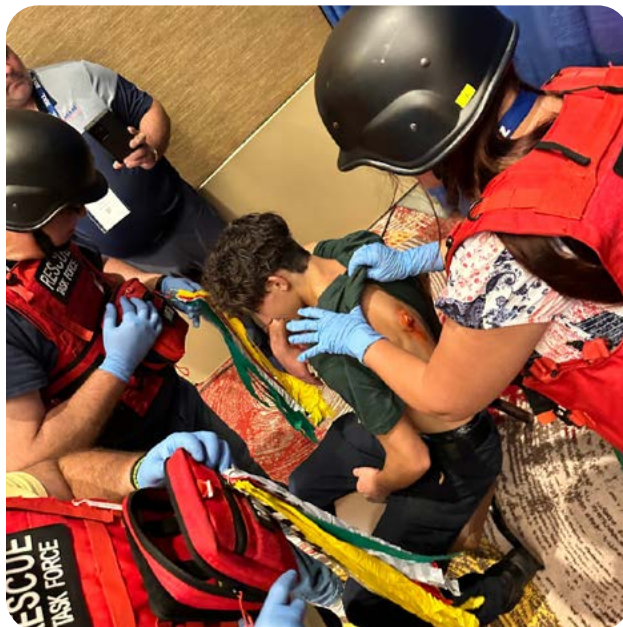
Dayna's favorite aspect of working at the Gordon Center is the close-knit community and family-like atmosphere, fostering camaraderie beyond the classroom. As she looks to the future, Dayna aspires to transition to a full-time role, bringing her expertise and passion to advance the Gordon Center's mission.

August 2

Medical Moulage

Medical Simulation Moulage: Where art meets education, enabling healthcare professionals to train with unprecedented realism.

#Moulage has come a long way from its initial use of simple wax models to today's hyper-realistic creations. The #GordonCenter is no stranger to this art form, utilizing moulage techniques in courses like Active Shooter Hostile Events training course to enhance the immersive learning experience for healthcare professionals and first responders.



August 7

UM Class of 2027

The Gordon Center welcomed the University of Miami Miller School of Medicine class of 2027.

Every year, the Gordon Center trains more than 800 UM medical students as part of the innovative NextGenMD curriculum. Our hands-on training and assessments are an integral part of all three phases of the program and we take pride in offering these budding healthcare providers opportunities to train using simulation education.



Read
More

<https://loom.ly/UwCjmhI>

August 14

University of Miami Health System Nursing Residents: First Five Minutes

Nursing Residents from University of Miami Health System recently completed our "First Five Minutes" training, a course that equips healthcare professionals with essential skills to provide critical care while waiting for emergency Rapid Response Teams (RRTs).



First Five Minutes training is designed to empower nurses and medical staff to confidently handle critical situations so that, by the time the RRT arrives, they will have already initiated crucial interventions that could be life-saving.

August 16

City of Miami Fire Rescue PALS

City of Miami Fire Rescue completed our Pediatric Advanced Life Support (PALS) course. This intensive training equips healthcare providers to swiftly recognize and intervene in pediatric patients facing respiratory emergencies, shock, and cardiopulmonary arrest. By fostering high-performance team dynamics and honing individual skills, our goal is to improve outcomes for our youngest patients.

In addition to the standard Pediatric Advanced Life Support courses, the Gordon Center created and offers the Management of Pediatric Trauma e-learning course. This 2-hour, interactive web course provides emergency providers with the core cognitive knowledge necessary to rapidly evaluate, stabilize, and transport the pediatric trauma patient.

This course is FREE to Florida first responders.



September 7

Meet the Experts: Dr. Ivette Motola

From humble beginnings in Cuba to an expert leader in the fields of Prehospital and Emergency Medicine, Simulation Education, and Team Training, Dr. Ivette Motola's story is unparalleled and inspiring. Serving as Director of the Gordon Center's Prehospital and Emergency Training Division and Center Assistant Director, Dr. Motola leads the development and worldwide dissemination of innovative training programs for thousands of healthcare professionals.

Her recent collaboration with the American Heart Association on the Advanced Stroke Life Support Blended Learning course is reaching audiences across the globe, helping share stroke care knowledge and skills to save lives.

Learn more about her background and her determination to spread excellence through simulation education.



September 14

Gordon Center's partnership with U.S. Army

More than twenty years. Two dedicated organizations. One revolutionary partnership. Immeasurable impact.

In the longest-standing civilian partnership with the U.S. Army, the Gordon Center helps develop and implement healthcare training that allows Army members to better provide life-saving care in combat situations. With pre-deployment training for Army Forward Surgical Teams, we have been able to equip military healthcare experts with the essential clinical skills needed to provide life-saving care.




Click on
image to
watch video

September 15

Coral Gables Fire Department's New Class of Recruits

Congratulations to the Coral Gables Fire Department's new class of recruits who completed Advanced Cardiac Life Support (ACLS) training with the Gordon Center.

Employing a meticulously crafted blended learning methodology that combines classroom didactics and immersive hands-on simulations, our recruits are being equipped to navigate a diverse array of cardiac scenarios.



September 19

Healthcare Simulation Week

A Message from SSH President-Elect, Dr. Barry Issenberg

See what Gordon Center Director and Society for Simulation in Healthcare President-Elect, Dr. Barry Issenberg, has to say about ensuring simulation success.




Click on image to
watch video

<https://fb.watch/okXXKrIBDkn/>

September 19

Standardized Patient Voices Around the World Webinar

The Gordon Center's very own Nicholas Gonzalez, Standardized Patient (SP) Educator, co-hosted the SP Voices Around the World webinar during Sim Week. This webinar offered a unique opportunity to gain profound insights from a diverse panel of experts, immersing participants in the realm of standardized patient methodology. [Presented by: Association of SP Educators - ASPE]




Click on image to
watch video

<https://bit.ly/3SHC2eo>

September 26

Personal Protective Equipment Training for Special Response Teams

Proper use of personal protective equipment (PPE) can make a huge difference for first responders special response teams (SRT) encountering risky or unknown situations.

In partnership with the Miami-Dade Police Department, our Gordon Center experts led a Personal Protective Equipment for Special Response Teams training in an effort to prioritize protecting our first responders from biological and/or chemical exposure in the line of duty.



October 9

Gordon Center at the Physician Assistant Education Association Education Forum

The Gordon Center's Dr. Ross Scalese showcased Harvey® and joined the Physician Assistant Education Association's annual education forum and led discussions that explored important topics like diversity and inclusion, strategies for technology integration, and competency-based education. Dr. Scalese also presented informational sessions about clinical skills training using simulation technologies such as Harvey®, our cardiopulmonary patient simulator.



October 11 / November 9



The Gordon Center supported Laerdal Medical USA Simulation User Network (SUN) Conference in Orlando, FL where we featured Harvey®, our cardiopulmonary patient simulator that realistically simulates over 50 cardiac diseases, among other educational solutions for participants. We continue to develop our advanced technology to improve training so healthcare professionals everywhere can save more lives.

November 10

ASLS at Wake Tech

The Gordon Center team conducted another Advanced Stroke Life Support (ASLS®) Blended Learning instructor training. Our ASLS course prepares healthcare professionals to identify, evaluate, and manage patients with stroke. Together with American Heart Association, we strive for a world where every individual has the power to make a life-saving difference.

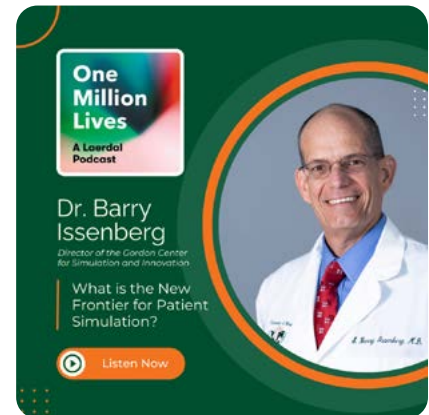
November 14

One Million Lives: A Laerdal Podcast

Dr. Barry Issenberg, Director of the Gordon Center, shared profound insights on the future of patient simulation in One Million Lives, a Laerdal Podcast.

In this podcast episode, Dr. Issenberg delves into the evolving landscape of patient simulation and its critical role in healthcare. For healthcare professionals eager to explore the transformative potential of patient simulation, this podcast is a must-listen.

<https://bit.ly/3SFmacu>



November 16

Samantha Volkens ASLS

Our revolutionary Advanced Stroke Life Support (ASLS®) Blended Learning course, developed with the American Heart Association, took center stage at the OSF Illinois Neurological Institute Comprehensive Stroke Summit.

Samantha Volkens, from the American Heart Association, gave an insightful presentation on how the course equips healthcare professionals with indispensable tools for effective stroke detection and optimal patient care.

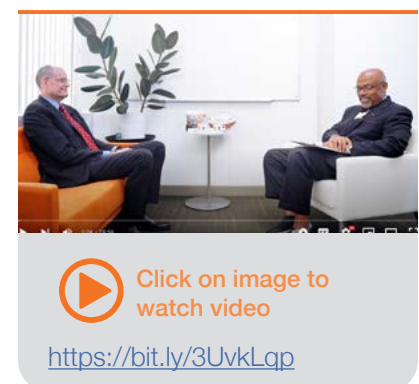


November 27

Inside U Miami Medicine Podcast: Special Guest - Dr. Barry Issenberg

Dive into the future of healthcare simulation and listen to our very own Director, Dr. Barry Issenberg, as he discusses the Gordon Center's advancements in healthcare training in a recent podcast episode with University of Miami Miller School of Medicine's Dean Henri Ford.

Tune in to hear how AR, VR and AI is improving medical education and patient care



December 1

Innovation in Healthcare Award

The Gordon Center was proud to accept the Achievement in Innovation award from the Greater Fort Lauderdale Chamber of Commerce at its annual Perspectives on Florida's Healthcare event.

This accolade celebrates our relentless commitment to innovation, spotlighting recent advancements in Harvey®, our cardiopulmonary patient simulator, including new diverse skin tones, and ongoing work in the area of virtual reality.



December 6

Refresh Miami Article

Gordon Center Director Dr. Barry Issenberg spoke with Refresh Miami to discuss healthcare simulation, the transformative role of AI in healthcare education, and how novel technologies are shaping the future of health and patient care.

Explore the full article:



<https://bit.ly/414drTP>

December 15

North American Vehicle Rescue Association (NAVRA) 2023

The Gordon Center supported the 2023 Annual Florida Rescue Challenge, hosted by North American Vehicle Rescue Association at Miami-Dade Fire Rescue's headquarters in Doral. This event's primary goal is to educate rescue teams on techniques that mitigate vehicle-related injuries and fatalities.

Our team played a pivotal role during the event by offering a Point of Care Ultrasound (POCUS) training session. POCUS is already widely used in the inpatient setting. This course is innovative because it prepares first responders to rapidly diagnose and treat life-threatening injuries with advanced, portable, wireless ultrasound technology before patients arrive at the emergency department.



December 20

What's New in Medical Simulation?

Dr. Ross Scalese headlined a webinar hosted by Laerdal Medical USA about the latest impactful medical simulation technology for medical education.

The webinar explored solutions that:

- ✓ Boost student engagement and cultural competence
- ✓ Enhance skills with repetitive practice
- ✓ Offer feedback in a safe learning space

It also touched on how to improve cardiopulmonary training with Next Generation Harvey® and the Gordon Center's UMedic curriculum.



December 21

The Gordon Center at SVIN 2023

Our Gordon Center team ran a simulation workshop for neurointerventional specialists, collaborating with outstanding Neurocritical Care simulation faculty from the University of Maryland Medical Center, including Dr. Nicholas Morris and Dr. Melissa Pergakis.

We showcased the impactful ASLS® Blended Learning program and conducted a workshop on ischemic stroke procedures, bringing cutting-edge advancements in healthcare education to this prestigious cerebrovascular care conference.



December 27

Senator Jay Collins visits the Gordon Center

It was a pleasure to welcome Florida State Senator and decorated combat veteran Jay Collins, District 14, to the Gordon Center!

As the U.S. Army's longest-running civilian partnership, we have been providing army trauma training in collaboration with military medical personnel for 20 years and counting. We value our 40+ years of partnership with the State of Florida and the Florida Department of Education, which has enabled us to provide training programs free of charge to municipal governments, law enforcement agencies, and fire rescue services throughout the state.



Vision

To create an environment where innovation, simulation, and education come together

Mission

Saving lives through simulation technology

MICHAEL S. GORDON CENTER FOR SIMULATION AND INNOVATION IN MEDICAL EDUCATION

FELDMAN DIVISION
OF MULTIPROFESSIONAL
HEALTH EDUCATION

DIVISION OF RESEARCH
AND TECHNOLOGY

DIVISION OF
PREHOSPITAL AND
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*Michael S. Gordon Endowed Chair of Medical
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