

Luminis Health Anne Arundel Medical Center Foundation

2025 Philanthropy Impact Report

James and Sylvia Earl Simulation to Advance Innovation and Learning (SAIL) Center

WHERE EXCEPTIONAL CARE BEGINS

Exceptional care begins long before a patient enters the operating room. It starts with preparation, practice, and the experience gained from learning in a safe, controlled environment.

At Luminis Health Anne Arundel Medical Center (LHAAMC), the James and Sylvia Earl Simulation to Advance Innovation and Learning (SAIL) Center is transforming how physicians, nurses, and care teams prepare to deliver high-quality care. Through advanced simulation and hands-on learning, caregivers build the coordination, clinical judgment, and readiness needed to care for patients with precision and confidence.

Philanthropic investment helps make this level of preparation possible.

TRAINING THAT TRANSLATES TO SAFER CARE

Every moment in patient care carries responsibility. The ability to prepare in advance helps teams respond during critical moments.

With support from our community, the Earl SAIL Center provides physicians, residents, nurses, and interdisciplinary teams with access to advanced simulation tools, including laparoscopic and robotic trainers, cadaver-based learning experiences, and Lucina, a high-fidelity birthing simulator used to train teams for complex deliveries and obstetric emergencies.

These resources allow teams to rehearse high-risk scenarios, strengthen communication, and refine critical skills in a safe, controlled environment before those skills are needed in real-life situations.



Physicians sharpen their skills in advanced orthopedic procedures at the Earl SAIL Center, where hands-on training and state-of-the-art simulation technology help prepare surgeons to deliver exceptional care for patients across our community.

"By providing hundreds of simulated deliveries, Lucina allows our multidisciplinary teams to practice high-stakes, 'once-in-a-career' deliveries in a controlled environment," says Derek Ballas, DO. "This ensures that when our teams face a real-world crisis, they have the poise and muscle memory to succeed on the first try."

Simulation also strengthens preparation across surgical and clinical disciplines.

"The more prepared our teams are before entering a patient's room or operating room, the safer and stronger the care experience becomes," says Alex Gandsas, MD, Director, Weight Loss and Metabolic Surgery Program, Luminis Health. "Simulation gives us the opportunity to build communication skills and confidence together."

This commitment to preparation strengthens patient safety across every discipline.

SAIL CENTER ACTIVITIES 2025

The Earl SAIL Center hosts teleconferences, lectures, research, and large group sessions for resident surgical education, all of which help to develop staff skills and knowledge, including but not limited to:

- Weekly Surgical Residents Training
- Weekly Internal Medicine Residents Training
- Weekly OB-GYN Residents Training
- Dr. Doyle Surgery Conference with Medical Students
- Innovations in Surgery series
- Neonatal Resuscitation Program (NRP)
- Certified Nursing Assistant Training
- OB-GYN Simulations
- Pediatric Simulations (Pediatric ED)
- Emergency Room Simulations (Adult and Pediatric)
- Nurse Residency/Nurse Residents Simulation
- Vascular Lab sessions

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2025 BY THE NUMBERS

2,371 learner encounters in the Earl SAIL Center

- Includes surgeons in practice, surgical residents, physicians and residents from OB-GYN and internal medicine, medical students, allied health professionals, nurses, and interns.

6,806 educational hours

- Excludes the number of learner encounters.

ATTRACTING AND DEVELOPING THE NEXT GENERATION OF CAREGIVERS

A world-class training environment does more than prepare caregivers. It attracts talented clinicians, strengthens mentorship, and inspires future leaders in medicine.

For minimally invasive gynecologic surgeon Jessica Ton, MD, the Earl SAIL Center played a meaningful role in choosing Luminis Health.

"When I learned about the Earl SAIL Center and the new OB-GYN residency program, I knew this was the place for me," says Dr. Ton.

The impact of the Earl SAIL Center also reaches those just beginning to explore a future in medicine.

As a college student from Edgewater, Kevin Connors first stepped into the Earl SAIL Center through a summer internship. There, he observed surgeries, participated in cadaver labs and research projects, and worked alongside physicians who would later become mentors.

That early experience helped shape the course of his career.

Today, as a general surgery resident at LHAAMC, Connors returns to the Earl SAIL Center to deepen his skills and clinical judgement needed to care for patients.

"The Earl SAIL Center is really one of the main reasons I decided to become a doctor, become a surgeon, and then do my training here," says Connors.

"The space, technology, and support made possible through philanthropy create an incredible environment for learning, teaching, and ultimately caring for patients," adds Dr. Ton.

INSPIRING FUTURE CAREGIVERS

The Earl SAIL Center also opens doors for students exploring careers in health care.

Luminis Health recently welcomed students from the Charles E. Smith Jewish Day School to the Earl SAIL Center for an introduction to the world of surgery. Through hands-on learning experiences, students gained a firsthand look at the teamwork and technology involved in surgical care.

For some, this experience may mark the beginning of a future in medicine.

Luminis Health Anne Arundel Medical Center welcomed students from the Charles E. Smith Jewish Day School to the Earl SAIL Center. The visit offered an engaging introduction to the fascinating world of surgery. For some of these students, this experience may mark the beginning of their path to becoming surgeons.



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CARE STRENGTHENED THROUGH PREPARATION

Behind every successful procedure is a team that has practiced, prepared, and learned together.

Philanthropic support strengthens training, advances patient safety, and ensures that LHAAMC continues to attract and develop exceptional caregivers across every discipline.

The result is care delivered with greater coordination, precision, and compassion when it matters most.