

# UW Health Clinical Simulation Program


We are excited to share the UW Health Clinical Simulation Program's annual report for fiscal year 2023 which highlights our notable achievements and progress towards our strategic plan. As leaders, we feel honored to lead a team through a year of tremendous growth and are proud to share its impact with you. We strengthened existing partnerships within SMPH and UW Health and developed new collaborations, amplifying visibility and geographical reach across the community.

During FY23 we experienced an influx of new educational requests resulting in a 25% increase in the time learners spent in simulation education. We supported 797 educational sessions in twelve months spanning our SMPH and UW Health communities. These achievements couldn't be possible without the efforts of our team who represent the best in the nation of simulation specialists, educators, and administrators.

The CSP continues to advance healthcare simulation by contributing to international conferences and committees, expanding our simulationist development curricula, and taking part in several novel research opportunities.

As we continue to embrace new opportunities, manage our growth, and further develop new partnerships, we remain focused on transforming healthcare simulation education.

Sincerely,



Sushant Srinivasan, MD, MHPE, CHSE  
Medical Director  
UW Health Simulation Program



Shannon DiMarco, MSHS, CHSOS  
Administrative Director  
UW Health Simulation Program

## Fiscal Year 2023



### Clinical Simulation Program

600 Highland Avenue, H6/112  
Madison, WI 53792



## Fiscal Year 2023 Highlights

**Total learner hours: 18,808** (23% increase)

**Total education hours: 4,664** (25% increase)

**Total events: 797**



School of Medicine  
and Public Health  
UNIVERSITY OF WISCONSIN-MADISON

## Our Vision

Innovative education to advance safe, high quality, patient-centered care.

**UWHealth**

# Clinical Simulation Program Accomplishments

As we closed out FY23, we took time to reflect and revisit the UW Health Clinical Simulation Program's (CSP) strategic plan. Our strategic plan helps anchor our mission and allows us to benchmark our progress towards becoming the gold standard in delivering simulation and hands-on education to our learners. In our third year since developing our strategic plan, a clear pattern of growth has emerged. Our partnerships with UW Health and SMPH are central to everything we do. While we recognize every partnering department, grant, and relationship, attached is a snapshot of our progress toward our four domains below.

## Grow learner experience through reachability

- Augmented the use of cadaveric tissue in our wet skills laboratory.
- Expanded in situ offerings to East Madison Hospital, Digestive Health, Allergy Clinic, and American Family Children's Hospital helping lead to a 52% increase in registered nurse learner hours.
- Increased dry skills lab utilization by 15%.
- Updated our ultrasound capabilities by adding Sionix to our virtual reality (VR) training fleet.
- Increased surgical capability by procuring a new da Vinci VR trainer.



## Increase visibility through distinctive programs

- Welcomed Dean Pamela Jefferies, PhD, RN, FAAN, ANEF, FSSH, to present on "Creating a Foundation for Simulation-Based Education: From Theory to Practice" during Clinical Simulation Days.
- Held three simulationist facilitation sessions serving 15 learners.
- Developed and successfully piloted simulation debriefing curricula.
- Received reaccreditation through 2028 from the American College of Surgeons (ACS-AEI) and submitted a full Society for Simulation in Healthcare (SSH) accreditation application.



## Grow geographic reach through enhancing offerings

- Expanded Advanced Life Support (ALS) Consortium events, training over 300 ALS Consortium learners.
- Team members participated on the UW Health nursing education council; and sat on multiple committees between ACS-AEI and SSH.
- Five CSP team members presented at national and international simulation conferences.

## Advance translational research and innovations

- In collaboration with the Department of Surgery, we championed a grant to create a computer-vision algorithm for automated assessment of basic surgical skills.
- Supported the Catalyst Grant from the Josiah Macy Jr. Foundation to the Department of Pediatrics to develop simulations for residents to recognize and interrupt microaggressions.
- Presented at an international conference on the use of a novel ECMO cannulation simulator and training curriculum in a joint research project with the University of Iowa Hospital and Clinics.

