

## Our Curriculum

Simulation experience is integrated throughout residency training. In addition, there is time devoted specifically to working with the simulators and task trainers during all 3 years of residency.

A few of the elements of our curriculum in which simulation is featured:

A “Day in the Life” experience for incoming interns during their Foundations (Orientation) month

Quarterly protected time for simulation scenarios in adult medicine, children’s health, and women’s health/obstetrics

ACLS, PALS, NALS, and ALSO training

Workshops on procedural skills (such as suturing, joint injections, colposcopy, etc.)



*“Simulation is an innovative way to meet the needs of our learners, maintain patient safety, and prepare our family medicine residents for full spectrum practice anywhere in the world.”*

**Allison Hargreaves, MD**  
Director, Family Medicine Inpatient Service  
UMass Worcester graduate, 2009

## Our Faculty

A number of our Family Medicine faculty have completed certificate training in using simulation in medical education. Scenarios are designed, overseen and debriefed by trained faculty facilitators.



## Funding

The UMass Worcester Family Medicine Residency Simulation Program is funded by a federal HRSA grant. The purpose of our project is to prepare family medicine residents to care for the underserved, using simulation to enhance resident procedural skills and patient access to comprehensive care. For more info, please e-mail [Allison.Hargreaves@umassmemorial.org](mailto:Allison.Hargreaves@umassmemorial.org).



**Department of Family Medicine  
and Community Health**

## UMass Worcester Residency Simulation Program



***Introducing our exciting new  
simulation curriculum!***

[umassmed.edu/fmch/simulation.aspx](http://umassmed.edu/fmch/simulation.aspx)

## Our Simulators

All simulators are capable of real-time responses (cardiac rhythms, pupillary response, speech) to interventions by learners during a particular scenario.

### Noelle S575 and Newborn Hal



Teaches learners the technical skills required for cervical exams, vaginal delivery, and perineal laceration repair. Also, teaches management of obstetrical complications including shoulder dystocia, breech delivery and postpartum hemorrhage.

### SonoMan System

Teaches learners how to perform ultrasound, including trauma survey, abdominal ultrasound, and echocardiogram.



### Pediatric Hal (One-Year and Five Year)

Pediatric simulators that teach learners the skills required to resuscitate a child with respiratory arrest, cardiac arrest, or seizure



### Susie S2000

An adult female simulator that teaches learners everything from the female breast exam to ACLS code management.



## Task Trainers

A number of trainers are available to teach learners the key examination and procedural skills required of a family physician:

PROMPT Birthing Simulator

Female Pelvic Exam Trainer

Male Pelvic Exam Trainer

Rectal Exam Trainer

Joint Injection Trainers (shoulder, elbow, hand & wrist, knee, foot & ankle)

Eye and Ear Examination Trainers

ABG Wrist Trainer

Venipuncture Arm Trainer

Lumbar Puncture Trainer

Ingrowing Toenail Trainer

Skin Lesion Pads (for excision of lesion, suturing, etc.)

