Simulation & Clinical Skills Center Orientation

Presented By

Tamara L. Owens, MEd
Founding Director, Clinical Skills & Simulation Centers
Howard University
SPEAKER DISCLOSURE

I have had no financial interests or relationships with a commercial product, service, technology interests or programs in the past 12 months.

I have no conflicts of interest to disclose.
Mission

To provide an ideal learning environment to support educational curricula throughout the healthcare enterprise and to promote patient safety through simulation education.
We are accredited!

Accredited Education Institute

AMERICAN COLLEGE OF SURGEONS • DIVISION OF EDUCATION

ENHANCING PATIENT SAFETY THROUGH SIMULATION
Schools/Colleges Served

- College of Medicine
- College of Nursing and Allied Health
- College of Dentistry
- College of Pharmacy
- School of Social Work
- School of Education
- School of Communication
- Graduate Medical Education Residency Programs
- HUH Practicing Physicians, Nursing, and Health Professionals
- HU Summer Enrichment and Pipeline Programs
- Community Entities (For example, DC EMS & Fire)
The SimTeam

Yvette Johnson, Operations Manager

Clinical Skills

Open
Administrative Coordinator

Deltonia Shropshire
Standardized Patient Educator

Elroy Norman
Manager, Technical Support

Ebony Smith
Administrative Assistant II

Simulation

A. Catherine Wright
Administrative Coordinator

Tonya Hunter
Simulation Educator

Anthony Slack
Simulation IT Specialist

Open
Simulation Technician
The SimTeam

Dr. Debra H. Ford,
Sr. Associate Dean for Academic Affairs
serves as
Medical Director

Ms. Tamara L. Owens, MEd
Director, Simulation & Clinical Skills Center
Faculty, Department Community and Family Medicine
Define Healthcare Simulation?

A technique that creates a situation or environment to allow persons to experience a representation of a real healthcare event for the purpose of practice, learning, evaluation, testing, or to gain understanding of systems or human actions.

Healthcare Simulation

Students engage with patients individually or in interdisciplinary teams to learn and perfect skills essential to patient care.
Simulation Education Curriculum
Clinical Skills Center

- Approximately 5,000 sq. feet of educational space
- Located in the Seeley Mudd Building
- Standardized Patient Methodology
- 10 patient examination rooms
- Conference room
- Faculty observation room
- Master control room
- Break area
- Staff Offices
Simulation Center

- Approximately 6,000 sq. feet of educational space
- Located between the Medical and Dental School
- Manikin-Based Simulation and Procedural/Technical Skills
- Three simulation suites
- Task Training and Virtual Reality Simulation Suite
- Multifunctional Grand Conference Room
- Debriefing Rooms
- Administrative Suite
Simulation Modality Capabilities
Standardized Patients - “lay person from the community coached to portray a patient with a medical illness”

Howard Barrows

1. Category of SPs
   - General SP
   - Standardized Patient Instructor (SPI)
   - Teaching Associates

2. Extensive Training
Simulation Modalities

**Manikin-Based**

**Part-Task Trainers**
Simulation Modalities

Virtual Reality

Computer based software

Diagnostic Studies

One of the main reasons I'm here today is to find out when I need to have another colonoscopy. I don't want to end up like my father. He had to have his entire colon removed and now lives with an ostomy bag. That's no way to live.

I also wanted to ask you about CT colonography. I read on the Internet that it is a new test for screening for colon cancer and does not require sedation. I always fear of being oversedated and would really prefer a CT even if it's not as good as colonoscopy.

In this patient with ulcerative colitis, anemia and a colonoscopy done two years ago, what do you recommend for a surveillance exam?
- Colonoscopy soon as possible
- Colonoscopy in one year
- Colonoscopy in five years
- CT Colonography as soon as possible

HU Simulation & Clinical Skills Centers
COM New Faculty Orientation
Simulation Modalities

Improvised Technology
Information Technology and Audio Visual Infrastructure
State of the art

Cutting Edge Technology
Educational Impact
Comprehensive Simulation-Based Curriculum

Teach / Practice /Assess / Remediate

– History-taking skills
– Physical examination techniques
– Interpersonal/communication skills
– Professionalism
– Ethics
– Cultural considerations
– Patient education/counseling
– Clinical reasoning
– Team building
– Disease recognition and detection
Where to Start?
COM Curriculum Committee

- Seek others in department interested in simulation
- Request a simulation interest meeting
- Join the Subcommittee for Clinical Skills & Simulation

“We Need Your Expertise”
Thank you for your attention

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Clinical Skills Center
http://www.howard.edu/clinicalsskills/

Simulation Center
http://www.howard.edu/simcenter/