USING AN ON-LINE COURSE MANAGEMENT SYSTEM TO ACHIEVE TRANSPARENCY IN CLINICAL SIMULATION LAB MANAGEMENT: RUSTLING UP LOW COST SOLUTIONS

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DISCLOSURES

Conflict of Interest

- Nicole Smith (INACSL Conference presenter) reports no conflict of interest
- Mary Pat Ulicny (INACSL Conference presenter) reports no conflict of interest
- Julia Greenawalt (INACSL Conference Administrator & Nurse Planner) reports no conflict of interest
- Leann Horsley (INACSL Lead Nurse Planner) reports no conflict of interest

Successful Completion

- Attend 90% of session
- Complete online evaluation



OBJECTIVES

Upon completion of this presentation, participants will be able to:

- 1. Discuss rationale for implementation of an online course management system for lab management
- 2. Discuss benefits and unique features of an online course management system
- 3. Address future plans for the use of this platform to help meet the needs of the clinical simulation lab



Simulation Lab at University of Maryland School of **Nursing-Shady Grove Campus**

- Upper division professional program, Rockville, MD
- **Total BSN Students: 750**
- Main campus: Baltimore, Maryland
- Shady Grove campus: Rockville, MD: 260 students
- **Facilities:**
 - 1 Health Assessment Lab,
 - 1 Fundamentals skills lab,
 - 1 Mother/Baby Lab,

 - 3 Hospital Rooms,
 8 Clinical Education and Evaluation (CEEL) Suites



- Faculty and staff
 - Full-time director (12-month faculty position)
 - Full-time coordinator (12-month faculty position)
 - Full-time technologist (12-month staff position)
 - Graduate Teaching assistants (2 FTEs)
 - Student peer tutors
- CSL supports 9 clinical courses
- 14 full-time faculty members





Intensive Care Unit



Control/Hospital Room



Hospital Room





Health Assessment Lab



Mother/Baby Lab



Fundamentals/Skills Lab



HOW WE GOT HERE

https://www.youtube.com/watch?v=Pk7yqITMvp8





HOW WE GOT HERE

In light of the National Council of State Boards of Nursing (NCSBN) National Simulation Study (Hayden et al., 2014), the subsequent rapid growth of simulation in nursing education has provided significant challenges to clinical simulation laboratory administration in terms of scheduling, lab space and resources (Gantt, 2010).



HOW WE GOT HERE

- Need for transparency
- New curriculum
 - Increase in simulation
 - New course with lab component
- Increase in enrollment
 - 6 additional scheduled lab sections





FACULTY BENEFITS

- No fees
- Very little training
 - Existing learning management system
 - Web access for all-anywhere, anytime
- Promotes faculty autonomy



This is so

LAB BENEFITS

Eliminates emails for requests √



- ↓ Lost emails √
- Transparency
- Proper utilization
 - Staff
 - Room
 - Equipment resources







SYSTEM FEATURES

- On-line course management system access
 - All faculty and CSL staff (student tutors)
 - Administrative rights to upload and replace files in their course
- Lab calendar
 - scheduled labs, simulations (lab & classroom), open lab, GTA/peer tutor staffing
- Supports planning and management of resources in a fiscally sound way
 - In line with the university strategic plan



SYSTEM FEATURES

- Houses repository
 - cases, scenarios, evaluation tools
- Downloadable request form
- Description of all rooms, equipment, manikin operational guides
- Links to simulation resources
- Links to simulation guides for best practice
- Ability to email all faculty from the site



SYSTEM FEATURES

My Courses Plus



My Institution

Courses

Community

My One Card eAccount

HS/HSL Course Reserves

Add Module

Personalize Page



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My Organizations

Organizations where you are: Leader

UMB SON Shady Grove Faculty

UMSON Clinical Simulation Lab at the Universities at Shady Grove

Organizations where you are: Participant

SON Clinicals

UMB SON: Baccalaureate Curriculum Revision Workgroup

UMSON Clinical Simulation Lab

UNDER CONSTRUCTION - Institute for Educators: Faculty Resource Center

My Tasks

Courses you are teaching/facilitating: (A) Help 201602 Courses 2016 Spring NURS314 SG1 PHYSIO-PHARM-HLTH PROMOTION 2016 Spring NURS317 SG1 FUND NRSG CARE OF OLDER ADULTS 2016 Spring NURS418 SG1 SPEC/INTRO TO EMER & TRAUMA TEACHING ASSISTANT 201509 Courses 2015 Fall NURS 314 SG1 PHYSIO-PHARM-HLTH PROMOTION 2015 Fall NURS 317 SG1 FUND NRSG CARE OF OLDER ADULTS 201506 Courses 2015 Summer NURS 418 SG2 SPEC/PERIOPERATIVE NURSING = 201502 Courses 2015 Spring NURS314 SG1 PHYSIO-PHARM-HLTH PROMOTION 2015 Spring NURS317 SG1 FUND NRSG CARE OF OLDER ADULTS 2015 Spring NURS319 SG1 HEALTH ASSESSMENT TEACHING ASSISTANT 201409 Courses 2014 Fall NURS314 01 PHYSIO-PHARM-HLTH PROMOTION 2014 Fall NURS314 SG1 PHYSIO-PHARM-HLTH PROMOTION

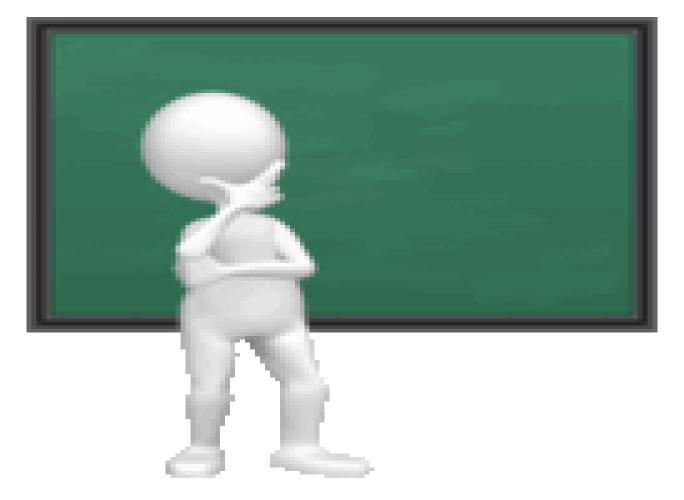
FUTURE PLANS

- Track simulation encounter outcomes
- Track lab use, manikin and faculty/GTA/Student peer tutor time
- Add instructional videos for IV pumps, equipment, manikins using Mediasite platform





QUESTIONS





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