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

MARY PAT ULICNY, MS, MHA, RN, CNE

NICOLE SMITH, MS, RN, CNE

ANCC

Continuing Nursing Education

INACSL is an accredited ANCC provider.

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 on-line course management system for lab management**

2. **Discuss benefits and unique features of an on-line course management system**

3. **Address future plans for the use of this platform to help meet the needs of the clinical simulation lab**

ABOUT US

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

ABOUT US

- **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**

ABOUT US

Intensive Care Unit

Control/Hospital Room

Hospital Room

ABOUT US

Health Assessment Lab

Mother/Baby Lab

Fundamentals/Skills Lab

HOW WE GOT HERE

https://www.youtube.com/watch?v=Pk7yqlTMvp8

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 easy! I love working with the sim lab!

Sim Request

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**

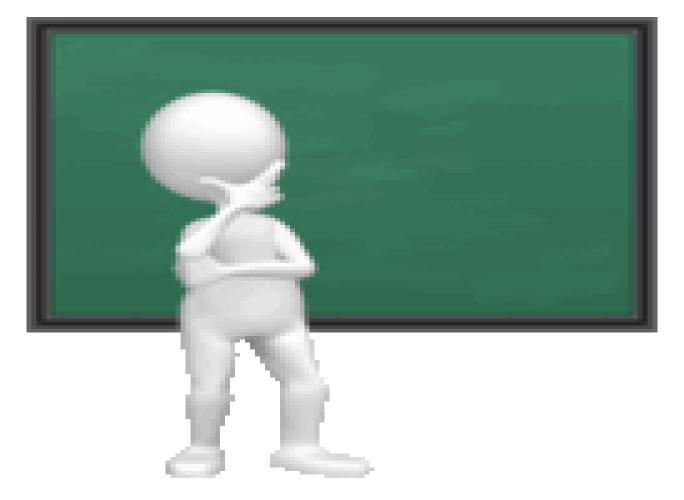- **Ability to email all faculty from the site**

SYSTEM FEATURES

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

REFERENCES

Gantt, L. T. (2010). Strategic planning for skills and simulation labs in colleges of nursing. *Nursing Economic$, 28*(5), 308-313. Retrieved from http://survey.hshsl.umaryland.edu/?url=http://search.ebscohost.com/login.aspx?direct=true&db=c8h&AN=105117969&site=ehost-live

Hayden, J.K., Smiley, R.A., Alexander, M., Kardong-Edgren, S. & Jeffries, P.R. (2014). The NCSBN National simulation study: A longitudinal, randomized, controlled study replacing clinical hours with simulation in prelicensure nursing education. *Journal of Nursing Regulation*, 5(2), 1–66.

REFERENCES

Electronic Media Reference

EDS Solved. (2016, April 12). Cowboys herding cats [Video File]. Retrieved from
https://www.youtube.com/watch?v=Pk7yqlTMvp8

Image References

GoPixPic. (2016). Children rolling eyes. Retrieved April 12, 2016 from https://www.google.com/search?q=gopixpic&biw=1680&bih=902&tbm=isch&tbo=u&source=univ&sa=X&sqi=2&ved=0ahUKEwjq1_urk4zMAhUGOiYKHZEZCcMQsAQIGw#tbm=isch&q=gopixpic+parents+with+children+eye+rolling

@INACSL | #INACSL16

CONTACTS

Mary Pat Ulicny

- Laboratory Director, UMSON-Shady Grove
- Email: ulicny@son.umaryland.edu

Nicole Smith

- Laboratory Coordinator, UMSON-Shady Grove
- Email: nsmith@son.umaryland.edu