EXPANDING A SIMULATION PROGRAM:
THE EXPERIENCE AT FRAMINGHAM STATE UNIVERSITY

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NLN Simulation Leader
Thoughts on simulation

- Simulation is not a fad

- Simulation is a technique not a technology

- Simulation is a teaching methodology
  - Comments from the Debra Spunt lecture at 2011 NLN Summit
“Activities that mimic the reality of a clinical environment and are designed to demonstrate procedures, decision making, and critical thinking through techniques such as role playing and use of devices such as interactive videos and manikins” (Jeffries, 2005).
Use of simulation in nursing education

- NCSBN survey of 1060 pre-licensure nursing programs
- 87% use high or medium fidelity simulation
- 55% use simulation in more than 5 courses
- 81% think they should use more simulation, but feel need for more faculty training
  - (Hayden, 2010)
What does the research say?

- Systematic review in JAMA 2011
- 609 studies with 35,226 trainees
- To what extent are simulation technologies for training health care professionals associated with improved outcomes in comparison to no intervention?
- How do outcomes vary for different simulation instructional designs?
  - (Cook et al., 2011)
Nursing faculty obstacles

- Time
- Training
- N/A or attitude
- Lack of space and equipment
- Funding
- Staffing
- Engaging all students
  - (Jensen, et al., 2009)
Simulation Anxiety Syndrome

- Fear failure or looking foolish
- Misperception that simulation is more risk than benefit
  - (Blazeck, 2011)
I feel simulation is a valuable teaching and learning approach for nursing students. Nursing students enjoy being interactive in simulations which give them valuable skills to utilize in the clinical area, while aiding them to understand concepts of patient care. I feel if nursing faculty are given the time to learn, either by simulation user networks, peer teaching, or formal classes, they will begin to understand the value and richness it adds to the students experience in their nursing program.

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MSN program

- NURC 915
  - Advanced technology and informatics
    - Includes introduction to simulation

- NURE 991
  - Application of technology to education
    - Includes preceptorship in simulation
NURSING ANNE and MSN students
Use of the lab
Community nursing center
Resources for faculty

- National League for Nursing (NLN)
- The Simulation Innovation Resource Center (SIRC) [http://sirc.nln.org/](http://sirc.nln.org/)
- NLN Simulation Leader
- HITS scholars
- NLN technology conference
Resources for faculty

- International Nursing Association for Clinical Simulation and Learning (INACSL)
- Standards of best practice
- Journal: *Clinical Simulation in Nursing*
- Listserv
- Annual June conference
Resources for faculty

- Society for Simulation in Healthcare (SSH) [https://ssih.org/](https://ssih.org/)
- Interdisciplinary
- Journal
- Annual conference in January
Resources for faculty

- National Council of State Boards of Nursing Simulation Study
  - [https://www.ncsbn.org/2094.htm](https://www.ncsbn.org/2094.htm)
Faculty responsibilities

- Attend conferences
- Join professional organizations
- Read journals
- Role model for colleagues
- Write about your experiences
- Do research studies
- Precept students
Questions?
Suggested readings


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