Impacting Nursing Education through the Creation of the Mississippi Healthcare Simulation Alliance

Taking the Long View: Visions of the Future
June 27, 2012
LaNelle Weems MSN, RN

What is Simulation?
• The imitation or representation of one act or system by another
• A tool for education, assessment, research, and health system integration in facilitating patient safety
• Innovative solutions related to an improved nursing education system

Where We Began
• 2008 MS Legislature provided funding to Institutes of Higher Learning (IHL) to conduct a feasibility study to assess the schools of nursing.
• IHL partnered with the Mississippi Office of Nursing Workforce to conduct the study.
Taking a Look at Mississippi

- Simulation in nursing education varies widely in Mississippi
  - Geographic diversity
  - Programs of varying sizes

Taking a Look at Mississippi

- Programs offer students fully equipped laboratories while others employ no simulation opportunities
  - with pre-existing simulation capacity
  - did not have a simulation program in place, but desired one

Taking a Look at Mississippi

- Which schools would be willing to be a simulation resource for other schools in the state?
Methodology

- SimHealth Consulting Services, LLC
- Surveys
- Site visits: Simulation readiness and site capacity
- Executive Report

Data Collection

- Multi factorial
- Assessment tools
- Interactive /reflective dialog with sites

Data Analysis

- Reviewed and rated by two independent reviewers
- Data elements discussed and consensus opinion was established
- Then data was entered into the assessment analysis tool
- The tool was refined to provide overall site specific global simulation readiness
Results and Observations

- Early readiness and basics in place
- Commitment
- Faculty experience and training plan
- Space
- Funding for planning and equipment
- Buy in from Leadership
- Collaboration

Recommendations

- Create a Simulation Alliance
- General Recommendations
  - Equipment Assessment
  - Consultation
  - Instructor training/education
  - Executive Buy-in
  - Construction/Remodel
  - Funding
  - Partnerships and Outreach
Creation of MS Healthcare Simulation Alliance

Support and Partnerships
The following organizations wholeheartedly support this recommendation to create a statewide Simulation Alliance dedicated to promote the equitable development of simulation in Mississippi nursing education:

- Mississippi Board of Nursing
- Mississippi Council of Deans and Directors of Schools of Nursing
- Mississippi Health Care Association
- Mississippi Hospital Association
- Mississippi Nurses Association (MNA)
- MNA Nursing Organizations Liaison Committee
- Mississippi Office of Nursing Workforce
- Mississippi Organization of Associate Degree Nursing
- Mississippi Organization of Nurse Executives

Simulation Steering Committee
- Established a committee represented
- Developed a Mission and Vision
- Identified willing participants to develop a white paper, contribute to the legislative agenda
- Name a Project Director
- Select a Chair of the Program
Mission
Become a collaborative voice for simulation in healthcare education in the state to meet the following goals:
- provide for faculty development, information sharing, and best practice identification,
- facilitate funding for simulation use and expansion, and
- disseminate information to stakeholders.
- expand simulation education to service

Vision
Maximize the use of clinical simulators to transform the education of registered nurses and other healthcare professionals to promote a competent healthcare workforce and to deliver quality patient care.

Simulation Objectives
- Promoting an increase in clinical, student and faculty capacity
- Providing standardization of clinical education
- Increasing opportunities to practice and perfect clinical scenarios in a virtual setting, promoting patient safety and boosting student competence and confidence
- Enhancing student retention through remediation
Simulation Workshops

- Hosted 6 workshops for school of nursing faculty:
  Foundations in Simulation

Simulation Workshops

- 83 faculty have completed course
- 21 of 22 schools of nursing have participated

MS Healthcare Simulation Alliance

- Developing website, listserv, resource library for SON faculty networking and sharing
- Dr. Pam Jeffries conference Feb 24-25, 2011, “Excellence in Simulation and Innovative Teaching Modalities”
Dissemination and Sharing

- www.mssimulation.org
- Committees to address education, scenario building, conference planning, “under the skin” education, simulation resources
- Statewide participation promotes advancement and networking opportunities among education and service
- University of Southern Mississippi School of Nursing is participating in NCSBN research on simulation education

Simulation Next Steps

- Survey hospital CNOs and/or Educators to inquire of level of simulation education participation
- Facilitate partnerships for simulation training with local schools of nursing
- Facilitate development of simulation labs in hospital settings
- Train hospital educators in Foundations of Simulation
- Promote simulation training for high risk, low volume events for competency training and maintenance.

Current Activities

- Partnered with the MS Office of Emergency Management, the Crossgates River Oaks Hospital Burn Center to provide Advanced Burn Life Support training to over 150 participants
- Introduced Simulation at the Mississippi Hospital Association Leadership Conference
Current Activities

- Developed Apprenticeship for Simulation training program for Mississippi participants

- Addressing the 10 conditions that the Centers for Medicaid and Medicare Services (CMS) has identified to decrease preventable harm and decrease preventable readmissions in our nation's hospitals

ONW
MISSISSIPPI OFFICE OF NURSING WORKFORCE

www.monw.org
(601)368-3321

LaNelle Weems MSN, RN  lweems@monw.org
601-954-0758