

MARK & ROBYN JONES College of NURSING 1+30



#### Background

High-quality simulations that follow best practices support nursing students' preparedness for clinical practice (Hayden et al., 2014; Leighton et al., 2021a; Watts et al., 2021). COVID-19 influenced nursing education resources and academic experiences. Nursing programs have increasingly turned to the International Nursing Association for Clinical Simulation and Learning (INACSL) Healthcare Simulation Standards of Best Practice, emphasizing the key elements of quality SBL, (INACSL Standards Committee, 2021; Watts et al., 2021).

#### Implications

For MRJCON, formulating a standardized simulation curriculum over the past four years has resulted in a rigorous simulation-based course through the program of study over five campuses in the State of Montana. Roadmap to standardizing undergraduate simulation curriculum across five campuses and two programs.

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# **Traditional Nursing Program**

- 1. Cohort sizes: 8-40 students
- 2. Four Semesters
- 3. Seven simulations per semester Accelerated Nursing Program
- 1. Cohort sizes: 16 per campus
- 2. Three semesters
- 3. 7-11 simulations per semester

# Benefits of a Standardized Program

- 1. Clear expectations & established outcomes
- 2. Optimize resource allocation & share equipment
- 3. Promotes equity and increased quality assurance
- 4. Building bridges of collaboration between campuses & programs
- 5. Professional development access and a collaborative team environment

## **Professional Development**

Professional development focuses on providing evidence-based learning for simulationists. Education includes responding to a needs assessment and advocating for allocating resources to improve the skill set. Criterion includes: 1) Perform a needs assessment, 2) Participate in activities that address desired outcomes and align with priorities of the institution, and 3) Evaluate the development plan and adjust as needed to meet goals. (INACSL, 2021). All simulation faculty have been trained through CMS Simulation Essentials and Debriefing Course (https://harvardmedsim.org/)







## **NRSG 400 Simulations**

- 1. Scavenger Hunt/Introduction to Simulation
- 2. Escape Room with Safety Focus
- 3. CPR and team development
- 4. SBAR Communication\*
- 5. Holistic Health Assessment\*
- 6. Care of Elder with MRSA\*
- 7. Medication Administration\*
- 8. Pneumonia in pregnancy
- 9. Normal Vaginal Delivery
- 10. Pediatric RSV\*
- 11. Pediatric Seizure\*
- 12. Post-partum Hemorrhage
- 13. Pre-eclampsia\*
- 14. Pediatric Abuse/Dehydration\*
- 15. Heart Failure
- 16. Cerebral Vascular Accident-Stroke\*
- 17. Mental Health Crisis/Suicide Ideation\*
- 18. Post-Surgical Wound Care\*
- 19. Alcohol Withdrawal
- 20. Dementia De-escalation\*
- 21. COPD (Telehealth/IPE)\*
- 22. Fluid & Electrolytes
- 23. Acute Myocardial Infarction
- 24. Diabetic Ketoacidosis\*
- 25. Sepsis\*
- 26. Opioid Overdose\*
- 27. Incivility and Conflict Resolution
- 28. Delegation and Prioritization
- 29. Spinal Cord Injury (in development)
- 30. Blood Transfusion (in development)
- \* Enhanced with SP/SC trained actor