

Inter-Professional Simulation

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AST Educator's Conference

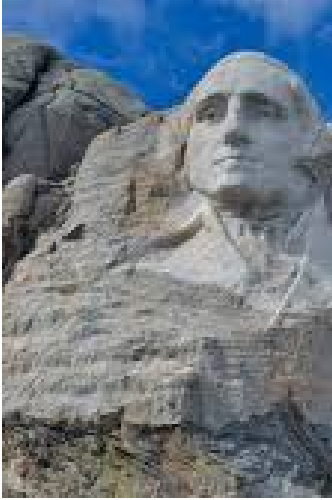
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Objectives

- Overview of Medical Simulation Center as a resource for all programs on campus
- Discuss the development of a mock mass casualty event on campus to promote inter-professional collaboration
- Review how the mass casualty event is used to assess program learning outcomes



Where We Call Home





AT LEAST 17 KILLED IN ONE OF DEADLIEST SCHOOL SHOOTINGS IN U.S. HISTORY

BREAKING NEWS

In a Moment's Notice:
g Surgical Services for Mass
Casualties

ISLAND'S LEADING NEWSPAPER
ALBANY, N. Y., FRIDAY, SEPTEMBER 23, 1938

16 Pages

Five Cents

**21 Deaths from Hurricane in Suffolk;
Many Missing; Damage Totals Millions**



50 DIE IN NATION'S DEADLIEST MASS SHOOTING IN HISTORY

'There's blood everywhere'



**8 TANKER ROLLOVER
FRANKLIN**

**5 dead, 2 hurt at UI
in student shooting**





8,500 Square Feet
7 CAE Healthcare Simulators



Medical Simulation Center

MUSE Software

Learning Space One A/V



Medical Simulation Center

2017 Event Included:

Fire Science
Law Enforcement
Paramedic
Practical Nursing
Medical Assistant
Surgical Technology
Pharmacy Technician
Phlebotomy
Medical Lab Technician
Health Info.
Management

Sim Rally II – Meth Lab
Explosion



2018 Event Included:

Fire Science

Law Enforcement

Paramedic

Practical Nursing

Medical Assistant

Surgical Technology

Pharmacy Technician

Phlebotomy

Medical Lab Technician

Health Info. Management

Dental Assisting

Diesel & Auto Technology

Welding

**Sim Rally III – Multi-car crash including
a tanker truck (biohazard spill)**



2019 Event **Includes:**

Fire Science

Law Enforcement

Paramedic

Practical Nursing

Surgical Technology

Phlebotomy

Medical Lab Technician

Health Info.

Management

Dental Assisting

Sim Rally IV – Active Shooter Scenario

- Interdepartmental Debriefing
- Developing the Scenario
- Interdepartmental Meetings
- Student Preparation

PATIENT 7 – GRETA GARBO
 DOB – 9/8/1955 (63YO) **Blood – AB Negative**
Allergies – Penicillin
 History – Hypertension, COPD
 Meds – Prednisone 45mg/day, Albuterol Neb 2.5 mg, Tylenol 650mg Q6hr PRN fever/pain, Lasix 40mg/day

ER → HOSP - D
 Labs Required

PATIENT 7 – GRETA GARBO

Initial Patient Vitals:
 Blood Pressure – 146 / 82
 Heart Rate – 105
 Respiration Rate – 36
 SPO2 – 89%
 Temp – 98.6F
 Blood Glucose – 100

Live Stick

PATIENT 7 – GRETA GARBO
 SSID # 723-45-6787 Aetna Insurance

Patient Information:
 Patient was cut by an active shooter with a large bladed knife. Patient has a large lower abdomen laceration that is actively bleeding. Patient is conscious and did take morning meds before the event.

SAFETY MESSAGE

Your safety during this exercise is paramount!
 If a situation seems unsafe, STOP!
 Notify a faculty member and warn other participants of the unsafe condition.

Sim Rally Planning Process

Sim Rally II Assessment

- All program learning outcomes
- All student learning outcomes of ST131 Principles and Practices of Surgical Technology I course



Sim Rally II
Assessment

The Evolution of Sim Rally Assessment

Sim Rally IV Assessment

- More specific assessment with detailed rubric
- PLO 2: Demonstrate effective behaviors in ethics and patient advocacy in surgical care situations.



PLO 2 Rubric

The Evolution of Sim Rally Assessment



Questions?

WESTERN DAKOTA TECH

Professionals Program

Providing a well-rounded experience to prepare you for a successful future.

Leadership & Teamwork

Teamwork & Analytical Skills



Communication

Communication & Technology Skills



Cultural & Global Diversity

Communication & Teamwork Skills



Career Preparation

Life Skills & Employability



Personal Development

Life Skills



Community Involvement

Teamwork Techniques

