



# IPE Disaster Course & Simulation Development



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# ANCC

Continuing Nursing Education



INACSL is an accredited ANCC provider

- Successful Completion
- Attend 90% of session
- Complete evaluation

# Disclosures

## Conflict of Interest

- Teresa Gore, discloses
  - President of INACSL, co-developer of the INACSL-CAE Healthcare Simulation Fellowship, and co-developer of SLS Simulation for Leadership
- Dawn Schocken has no disclosures
- Rita D'Aoust
  - Chair AACN Organizational Leadership Network, National League For Nursing Board Member for Certification for Nurse Educators
- Erini Serag-Bolos has no disclosures
- Oma Singh has no disclosures
- Davina Devries has no disclosures
- Amy Schwartz has no disclosures
- Julia Greenawalt (INACSL Conference Administrator & Nurse Planner)
  - Reports no conflict of interest
- Leann Horsley (INACSL Lead Nurse Planner)
  - Reports no conflict of interest

# Objectives

Upon completion of this presentation, the participants will be able to:

1. Develop an IPE Team for collaboration
2. Discuss the essential steps in the process of course development with a standardized matrix
3. Review the simulation scenario and use of SPs and mannequins
4. Provide evaluation and feedback from facilitators and participants along with lessons learned



# Background

- Within our constantly changing world, disasters are a common occurrence
  - Natural
  - Man-made
- Responsible for teaching healthcare students to be prepared not only in the hospital, but also in their community
- Live in Tampa, Florida
  - Level 1 Trauma Center is built on an island
  - Great video of a Category 5 Hurricane making landfall in Tampa
    - <https://www.youtube.com/watch?v=7jFGEzYam40>

# Intervention

- Interprofessional team developed a comprehensive disaster preparedness course with the educational design team targeted for USF Health students
  - Medicine, Nursing, Pharmacy, Physical Therapy, Public Health
- Online disaster course with three modules using a matrix for development with the Educational Design Team
  - Overview of Emergency Management Systems
  - Personal Preparedness
  - Teamwork and Communication
- Six-hour workshop
  - Orientation
  - Individual Emergency Plan
  - Basic First Aid
  - Simulation
  - Team and Communication Evaluation
  - Evaluation and Group Debrief





# Participants

- 82 students volunteered
- 79 participated in the simulation
- 4 IPE teams



Time	Group A	Group B	Group C	Group D
0800-0900	Orientation to CACL and simulation, Prebrief, Team roles and responsibility and tools to evaluate team and communication MDC 1096	Orientation to CACL and simulation, Prebrief, Team roles and responsibility and tools to evaluate team and communication MDC 1096	Orientation to CACL and simulation, Prebrief, Team roles and responsibility and tools to evaluate team and communication MDC 1096	Orientation to CACL and simulation, Prebrief, Team roles and responsibility and tools to evaluate team and communication MDC 1096
0900-0950	Simulation MDN 1804	Team and Communication Evaluation MDN 1830	Basic First Aid MDN 2007	Write an Individual Emergency Plan MDN 2008
1000-1050	Team & Communication Evaluation MDN 1830	Simulation MDN 1804	Write an Individual Emergency Plan MDN 2008	Basic First Aid MDN 2007
1100-1150	Basic First Aid MDN 2007	Write an Individual Emergency Plan MDN 2008	Simulation MDN 1804	Team and Communication Evaluation MDN 1830
1200-1250	Write an Individual Emergency Plan MDN 2008	Basic First Aid MDN 2007	Team and Communication Evaluation MDN 1830	Simulation MDN 1804
1300-1400	Evaluation of simulation and course	Evaluation of simulation and course	Evaluation of simulation and course	Evaluation of simulation and course



# Victims

- Head Trauma – Stable
- Head Trauma – Unstable – mannequin (deceased)
- Impalement
- Asthmatic Patient
- Diabetic Patient
- Minor Abrasion Patients (6)
- Anxiety Attack
- Shock – Internal Bleeding
- Minor Injuries Patients (2)
- Family looking for loved ones involved (2)
- Fractures (2)
- Electrical Burns (2)
- Chest Pain – Unstable – mannequin
- Generalized Pain



# Evaluation Tools

- Simulation Evaluation for Students
- Simulation Evaluation for Facilitators
- Pre-Simulation Confidence Assessment
- Post-Simulation Confidence Assessment
- Students found the experience valuable
- Self-Confidence Results
  - Results Pre-Simulation
    - 3.88/5
  - Post-Simulation
    - 4.37/5





# Conclusion

- Valuable experiential learning
- Expensive
  - Seek funding for sustainment
- Implement for all USF Health students
  - Modules
  - Simulation
- Logistics
- Lessons Learned
  - Change the workshop day
    - Omit Personal Preparedness Plan
    - Omit Team and Communication Evaluation



	0800 – 0900	0900 - 1000	1000 – 1100	1100 -1200	1200 -1300	1300 -1400	1500-1600	1600 -1700	1700 -1800
Group A	Orientation to CACL and simulation, brief, team roles and responsibility	Basic First Aid	Simulation	Debriefing	Evaluation of simulation and course				
Group B		Orientation to CACL and simulation, brief, team roles and responsibility	Basic First Aid	Simulation	Debriefing	Evaluation of simulation and course			
Group C			Orientation to CACL and simulation, brief, team roles and responsibility	Basic First Aid	Simulation	Debriefing	Evaluation of simulation and course		
Group D				Orientation to CACL and simulation, brief, team roles and responsibility	Basic First Aid	Simulation	Debriefing	Evaluation of simulation and course	
Group E					Orientation to CACL and simulation, brief, team roles and responsibility	Basic First Aid	Simulation	Debriefing	Evaluation of simulation and course

# Contact Information



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