



TEXAS A&M UNIVERSITY
College of Nursing

Integrating Nursing Students Into Your Emergency Management Program – A Win-Win for All Concerned

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Conflict of Interest

Introductions

Morgan Dunn

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Abstract

- Recent revisions to national and state educational competencies for Bachelors of Nursing students reflect the increased need for nursing students to have knowledge of disasters and public health emergencies
- Properly trained nursing students, under direct faculty supervision, can be a valuable resource to emergency management entities
- This session will discuss the challenges, benefits, and strategies to incorporating nursing students into your public health emergency plan

Objectives

1. Attendees will learn the benefits nursing students derive from increased emergency management knowledge
2. Attendees will learn how nursing students have provided a needed resource for past public health emergencies
3. In groups, attendees will discuss strategies regarding how nursing students could be incorporated into their program

Prior Knowledge - Concerns?

AACN

American Association of Colleges of Nursing

3.6a Identify changes in conditions that might indicate a disaster or public health emergency

3.6c Describe the health and safety hazards of disasters and public health emergencies

3.6f Collaboratively initiate rapid response activities to protect population health

TBON

Texas Board of Nursing

G. Develop, implement, and evaluate teaching plans for patients, families, populations, and communities to address health promotion, maintenance, restoration, and population risk reduction

6b. Implement risk reduction strategies to address social and public health issues

Strategic Plans

- Texas A&M Health Science Center
- Texas A&M College of Nursing

College of Nursing – Course Progression

Foundations – what can these students do?

- First steps...
- All clinicals are in the CLRC (vital signs, NG tubes, patient care)

Adult Health I – what can these students do?

- Clinicals in the hospital – medical/surgical
- Introductory critical thinking/Prioritization

Adult Health II – what can these students do?

- Clinicals in the hospital – Telemetry, ED, ICU, Stroke
- Advanced Critical thinking/Prioritization
- Last of adult health content, direct faculty clinical oversight

Transitions – what can these students do?

- Students work with preceptor

Disaster Day

- Disaster Day is the nation's largest student-led interprofessional emergency response simulation
- Interprofessional student teams come together to diagnose, treat and care for volunteer "patients and populations"
- Participating students are better prepared to respond to emergencies and learn vital skills to practice collaboratively upon graduation



Operation Lone Star

Operation Border Health

- Operation Border Health and Preparedness (formerly OLS) is a full-scale emergency training exercise led by the Texas Department of State Health Services (DSHS)
- OBHP has taken place annually for the past two decades in various cities along the South Texas border
- OBHP volunteers - including TAMU Health students, staff, and faculty - have in recent years provided nearly 37,000 free services to over 8,500 underserved and uninsured individuals
- Services include immunizations, blood pressure checks, diabetes screening, hearing and vision exams, medical evaluations, sports physicals, dental services, veteran services, mental health services, nutrition education, and smoking cessation
- Other patient education, disease surveillance, and targeted prevention efforts are available as well as veterinary services at some locations

Community Health

- FEMA Modules
- FEMA CERT
- Flu Shots
- COVID Vaccinations
- Aggies in Action

Disaster Nursing Curriculum

- Two Parts
 - Embed disaster education into existing courses (OBI, PEDI, Aging, Mental Health)
 - Advanced learning w/ certification
- Healthcare in a non-traditional environment

Student Perspective

- Core Value: Service
- Invested & Interested Peers
- Students Commissioning Post-Grad
- Disaster Day Student Planning Committee
- CERT
- Red Cross COVID-19 Drive-thru Vaccination Clinic
- TEEEX & Disaster City

How Would It Work??

- Proper Training!!!
- Patient Care Focus
- Faculty/Student Ratios (TBON)

Going Forward...

- Start small!
- Embed with EMTF
- Hospital Emergency Response Team (HERT)
- ???

What Are The Benefits?

- Emergency Management:
 - Provide help
 - Minimal oversight
 - Educate future healthcare workers
 - Cheap
- Students:
 - Show students pre-hospital care
 - Increase critical thinking
 - Health care continuum (triage->discharge)
 - Opportunities for students

Breakout → Report Back

Conclusion

Questions??

Thank You!!

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