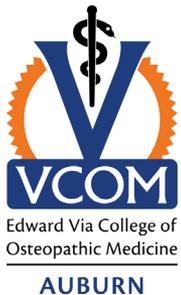


# Optimizing Patient Outcomes Through Interprofessional Disaster Training



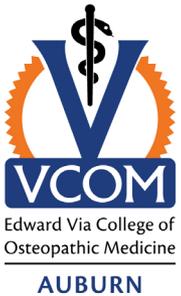
# Authors

- Sarah Owens Watts, RN, PhD
  - Auburn University, School of Nursing
- Michael Callihan, RN, PhD
  - The University of Alabama, Capstone College of Nursing
- Jeremy Jason White, DO, PhD, FACOEP
  - Edward Via College of Osteopathic Medicine, Auburn Campus
- Adam Fralich, RN
  - Edward Via College of Osteopathic Medicine, Auburn Campus



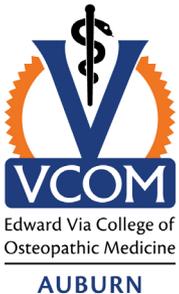
# Conflict of Interest

- No conflict of interest exists for any of the authors of this presentation.



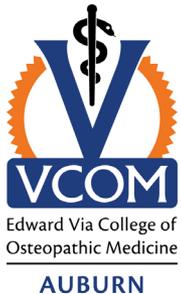
# Background

- Lack of interprofessional collaboration can have a negative impact on patient outcomes.
- The literature supports using simulation to provide meaningful IPE experiences.
- **Preparation for collaboration during disasters or high stress situations.**
- A disaster simulation was created and executed with nursing and medical students.



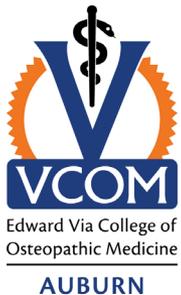
# Purpose

- Prioritization of patient care in a large-scale disaster
- Development of communication skills
- Work within a multidisciplinary team
  
- National Disaster Life Support Foundation  
DISASTER™ Program



# Planning and Preparation

- Support of administration
- Team meetings
- Allow for extra planning time
- Enlist volunteers



# Triage



# To the Emergency Department. . .

- Four Emergency Departments (ED) within the skills lab
- Each ED contained:
  - Combination of 4 Red, 4 Yellow, and 4 Green patients
  - Medical and Nursing students
- Task trainers in center of the ED
- Students collaborated to complete an assessment as well as determine the appropriate initial care



# Debriefing



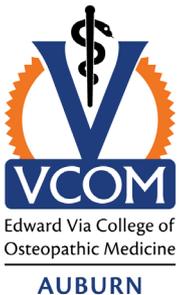
# Results

- Improved confidence
- Better understanding of team members' roles during a disaster
- Themes:
  - We know more than we thought
  - Communication and teamwork are essential
  - Feeling more prepared for practice
  - Organization is key



# The future. . .

- This interdisciplinary training through simulation is instrumental in reducing the number of medical errors in the United States.
- Interdisciplinary simulation must continue in healthcare to ensure continuity of care and the development of communication techniques.



# Conclusion

- Students in health profession programs **MUST** be equipped to work in a multidisciplinary team and prepared for potential mass casualty situations.
- Preparing and executing the simulation was time consuming and required a great deal of resources – but results were positive!
- Experience provided a safe environment for students to learn to effectively collaborate and communicate in a disaster or high-stress situation.

