



# A DISASTER PREPAREDNESS FOCUSED DNP: MEETING REAL-TIME NATIONAL AND GLOBAL NEEDS

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## Introduction

- There is an emergent need for nursing professionals to acquire extensive education on disaster preparedness and situations.
- Nursing professionals are increasingly faced with disaster situations that are natural and man-made, locally, nationally and globally.
- According to the Centre for Research on the Epidemiology of Disasters (CRED) (2019), there were 315 natural disaster events worldwide in 2018.
- There were 11,804 deaths and over 68 million people affected worldwide by natural disasters in 2018.
- According to Swiss Re Institute (2019) the United States in 2018 had 123 man-made disasters.
- From 1980 to 2018, there have been approximately 300 to 400 disasters each year, both man-made and natural, around the world. This amount has been constant.

## Recommendations for Future DNP Disaster Focused Capstone Projects

- Induced Contaminants in Foods and Medications
- Catastrophe Events: Plane Crashes, Ferry Boat Accidents, Helicopter Crashes
- Earthquakes
- Tornados
- Wildfires
- Extreme Heat
- Hurricanes
- Landslides and Mudslides
- Tsunamis
- Volcanoes

## Wagner DNP Program Courses Unique to Disaster Preparedness

- **NR 802- Ethical Issues in Health Care and Research** focuses on applying biomedical ethics to dilemmas in disaster situations and events on a national and international level.
- **NR 804- Clinical Prevention and Population Health with a Focus on the Epidemiology of Infectious Diseases and Public Health Threats** has a direct focus on epidemiological theories and diseases as it applies to population health and disaster preparedness.
- **NR 808- Systems Approach to Disaster Preparedness at Home and Abroad** focuses on the leadership role of the DNP in natural and man-made disasters. 100 clinical hours are devoted to disaster preparedness and disaster scenario. Students receive FEMA certification.
- **NR 810- Promoting Health, Healing and Hope in Response to a Chaotic Human Condition: Trauma, Traumatic Stress Assessment and Treatment** prepares the student for psychosocial intervention in the field of disaster response and traumatic stress intervention.
- **NR 812- Global Health Nursing Practice and Policy Development** the student learns to respond in a leadership and collaborating role with other professionals in the healthcare field to respond to global health needs and disaster situations nationally and abroad. 100 clinical hours are dedicated to global health.

## Highlights of Completed DNP Capstone Projects

- Active Shooter in Healthcare. The Utilization of an Active Shooter e-book for the Individual Health Care Provider
- Nuclear Radiation Disasters: An Educational Tool for Registered Nurses
- Flood Disasters: What Lurks in the Water? An Educational Resource for Healthcare Providers
- Deaf/Hard of Hearing and Disaster Preparedness
- Nursing Personal Preparedness During a Disaster
- Implementing a Situation-Background-Assessment-Recommendation (SBAR) Communication Tool in an Urban Tertiary Nursing School in Nigeria

## Highlights of Completed DNP Capstone Projects

- Assessment and Treatment of Non-Visible Blast Injuries
- Hospital Evacuation: Are You Prepared?
- Establishing a Plan: Importance of Disaster Planning for the Developmentally Disabled Adults in the Group Home Setting
- Disaster Preparedness: Assessment of Older Adults Living in the New York City Rockaway Community
- Tri-state Area Nurses: Compact Licensure and Disaster Response
- Developing Disaster Preparedness Competencies Within a Large Healthcare System
- Staff Education on Suspicious Package and Explosive Devices