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Current Position

Clinical Associate Professor
Texas A&M University
College of Nursing

Degrees

- Doctor of Nursing Practice** **2019**
Texas Tech University Health Sciences Center
Title of Dissertation or Thesis: Developing an Infectious Disease Response Unit (IDRU) for the State of Texas
- Master of Nursing Science (focus on Community Health).** **2010**
University of Texas El Paso
Level of Degree: Masters Highest Degree Earned: No Terminal Degree: No
Title of Dissertation or Thesis: Use of broad-spectrum antibiotics at point of wounding in penetrating trauma.
- Associates of Arts** **2000**
Tarrant County College, Fort Worth, Texas
- Bachelor of Science in Nursing** **1999**
University of Texas at Arlington
- Associate Degree in Nursing** **1990.**
Cooke County College, Gainesville, Texas

Professional Licensures & Certifications

- Fellow of the Academy of Wilderness Medicine** **2022**
Wilderness Medicine Society
- National Healthcare Disaster Professional-Board Certified** **2020**
American Academy of College of Nurses (202004347)

Emergency Medical Technician-Paramedic (PMD 526736) **2008**

Florida Department of Health

Registered Nurse (569907) **1990**

Texas State Board of Nursing

Work Experience

Texas A&M University **2024**

Clinical Associate Professor of Nursing

Courses Taught

- 411 Evidence Based Practice for Nursing
- 412 Care of Community Health Clients
- 652 Scholarship: Integration and Application

University of Texas at Tyler **2020**

Associate Clinical Professor of Nursing

Courses Taught

- 3302 Emergency Preparedness for Individuals and Communities (EPIC)
- 4311 NURSING IN NONTRADITIONAL ENVIRONMENTS (NiNE)
- 3605 FUNDAMENTALS OF NURSING
- 3605 FUNDAMENTALS OF NURSING
- 4311 NURSING IN NONTRADITIONAL ENVIRONMENTS (NiNE)
- 3617 POPULATION HEALTH
- 3617 POPULATION HEALTH
- 4311 NURSING IN NONTRADITIONAL ENVIRONMENTS (NiNE)
- 3617 POPULATION HEALTH

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4311 NURSING IN NONTRADITIONAL ENVIRONMENTS (NiNE)
4341 SPECIAL TOPICS IN NURSING
4634 TRANSITIONS TO PRACTICE
4634 TRANSITIONS TO PRACTICE
3617 POPULATION HEALTH
3617 POPULATION HEALTH
4341 SPECIAL TOPICS IN NURSING
3617 POPULATION HEALTH
3617 POPULATION HEALTH
3617 POPULATION HEALTH
3617 POPULATION HEALTH
3617 POPULATION HEALTH
3617 POPULATION HEALTH
4341 SPECIAL TOPICS IN NURSING
6326 ADVANCED EPIDEMIOLOGY
6326 ADVANCED EPIDEMIOLOGY
6331 ORGANIZATIONAL LEADERSHIP AND CULTURE
3617 POPULATION HEALTH
5325 ORGANIZATIONAL AND SYSTEMS LEADERSHIP
6331 ORGANIZATIONAL LEADERSHIP AND CULTURE
6377 LEADERSHIP SCHOLARLY SYNTHESIS II

Scholarly Contributions and Creative Productions Grants

Title: Combatting Vaccine Hesitancy Extension

Sponsor: HRSA

Grant ID / Contract ID: 6105370426

Award Date: 2022-10-31

Start Date: 2023-01-09

End Date: 2023-10-31

Period Length: 10 Period Unit: Month Indirect Funding:

Total Funding: 211821

Currency Type: USD

Description: UT Tyler School of Nursing (SON) will act as a subcontractor for HRSA Grant under UT Health. SON will provide student nurses to work within the communities of the 22 counties conducting a health assessment which includes vaccination status, hesitancy, and hesitancy rationale. A revised questionnaire was developed to counter negative feelings in the population on COVID-specific interviews. We determined that the change from pandemic to endemic was in keeping with current CDC guidelines and would be received better in the community.

Abstract: A modified version of the previous grant will not target COVID specifically but overall vaccine hesitancy among the 22 selected counties. The revised questionnaire will survey individuals on overall health concerns, including vaccines, vaccine hesitancy, and rationale if hesitancy exists.

Number of Periods: 1

Collaborators: Jessica Bowen MSN

Status: Funded Completed

Approval for Pre-award Spending: Yes

Type of Grant: Service Type of Funding: Federal Synergistic Activity: Yes Internal/External: External

Title: Combating Vaccine Hesitancy

Sponsor: HRSA

Grant ID / Contract ID: HRSA 21-136

Award Date: 2021-11-01

Start Date: 2021-11-01

End Date: 2022-10-31

Period Length: 1 Period Unit: Year Indirect Funding: Total Funding: 655,701.00 USD

Description: Sub-Award. (Submitted May 2021) HRSA 21-136 Community-Based Workforce for COVID-19 Vaccine Outreach. Funded, November 2021 with decrease in funding (UT Tyler final amount \$655,701.00).

Abstract:

To provide education and vaccines to areas of low vaccine rates. To combat vaccine hesitancy with education.

Number of Periods: 1

Collaborators: Danita Alfred Program Coordinator, Paul McGaha PI, Jessica Bowen Other

Status: Completed

Approval for Pre-award Spending: No

Type of Grant: Service Type of Funding: Federal Synergistic Activity: Yes Internal/External: External

Title: Testing Feasibility and Effectiveness of an Innovative Stop the Bleed Teaching Intervention

Award Date: 2020-06-05

Start Date: 2020-09-01

End Date: 2021-08-31

Period Length: 1 Period Unit: Year Indirect Funding:

Total Funding: 0 Currency Type: USD Abstract:

The broad goal of our multi-disciplinary, emergency response collaboration is to train laypersons in life-saving bleeding control techniques to improve emergency medical and trauma outcomes of East Texans. Our team has taken on multiple projects to accomplish our mission including disseminating bleeding control kits throughout the campus, using nursing students as instructors, and developing an evaluation tool to measure response readiness in laypersons. This proposal describes a study of our innovative teaching strategy that uses evidence-based teaching content in a flipped classroom method. Stop the Bleed (STB) is a standardized course that was developed by the American College of Surgeons to teach laypersons life-saving bleeding control techniques including tourniquet application. The goal of the STB initiative is to train 200 million people worldwide. The traditional course takes at least 90 minutes and there is a recommended instructor to participant ratio of 1:8. In this study we will compare our teaching strategy (using the same STB content) to the traditional course. We hypothesize that our strategy will be as effective at preparing participants to respond to life-threatening bleeding events and will be more preferred by the general population because of increased flexibility and accessibility. We also hypothesize that our newly created instrument, the Response Readiness Tool (RRT) will produce a reliable and valid measurement of an individual's readiness to respond to life-threatening bleeding injuries. Finally, we intend to uncover facilitators and barriers to learning in both teaching strategies.

Number of Periods: 1

Collaborators: Glenn A Barnes DNP, RN, EMT-P, FAWM, NHDP-BC (10%) CoInvestigator

Status: Completed

Approval for Pre-award Spending: No

Type of Grant: Research Type of Funding: State Synergistic Activity: Yes Internal/External: Internal

Title: I am Alone in the Dark: Caring for Fragile Older Patients during the Worst Pandemic in the last Century

Sponsor: Robert Wood Johnson Foundation Urban Institute

Grant ID / Contract ID: ID 102431

Start Date: 2021-03-04

End Date: 2021-04-05

Period Length: 1 Period Unit: Year Indirect Funding:

Total Funding: 0 Currency Type: USD Number of Periods: 1

Collaborators: Glenn A Barnes Coinvestigator Danita Alfred CoPI, Beth Mastel- Smith CoPI, Trisha Brinton PI

Status: Submitted - Not Funded Approval for Pre-award Spending: No Type of Grant: Service

Type of Funding: Institutional Synergistic Activity: No Internal/External: External

Title: Innovation in Disaster Mental Health Simulation

Sponsor: Johnson and Johnson

Start Date: 2021-04-01

Period Length: 1 Period Unit: Year Indirect Funding:

Total Funding: 20000 Currency Type: USD Abstract:

Objectives:

1. To provide a platform for students in the Psychiatric Mental Health Nurse Practitioner (PMHNP) to understand the form and function of an EOC and Incident Command Post (ICP) in a disaster tabletop simulation

2. To provide a simulation for PMHNP students to address Disaster Mental Health (DMH) crisis during an acute disaster event
3. To provide Smith County EOC with an understanding of the capabilities and availability of DMH to provide mental health services during a crisis via telemed/telepsych methodology
4. Test the feasibility of managing an acute disaster via complete telecommunication methodology

Overall concept of the operation

This simulation will be in response to a two-phase planned attack. Initially, an explosive device was detonated with approximately 10-12 civilian casualties.

All EOC members will be activated via a virtual telecommunication platform

The students will be 'activated' to join the DMH response effort as part of the medical branch of the EOC. Introduction of the ICP positions (ideally by representatives of the person/agency who would actually fill that role).

Mental health will be introduced to the students and EOC by Dr. Sandra Peterson, director of the PMHNP course for UT Tyler.

Students will then be moved to breakout rooms in treatment teams of 2 to prepare

Students will be returned to the main EOC room and informed of a second (primary) attack on first responders. They will be allowed to witness the EOC response to this disaster and how the ICP process progresses

Students will be moved back to breakout rooms to await patients

For the purpose of this exercise, this will end the interaction between students and the EOC. The EOC wishes to continue this exercise until completion.

Standardized patients (SP) from Texas A&M University Health Sciences Center Clinical Learning Resource Center will be connected via telecommunication with students who will assess the SP and provide a tentative diagnosis, treatment plan and follow-up plan

SP includes:

PTSD- Iraq/Afghan war veteran with resolving PTSD in renewed crisis Bipolar-

Schizophrenic- Dementia-

Anxiety Disorder- friends with casualties who was critically injured and another killed

No previous MH history – Police shot in vest, no physical harm, partner died, responsible for killing one of the gunmen and wounding one civilian

SPs will spend approximately 30 minutes with each set of students and then rotate until all student groups have interacted with all SPs

PMHNP Director will conduct a debrief with students and SPs

If the EOC continues with the exercise, possibly allow the students to observe the EOC debrief/hotwash to witness that process

Estimate the initial part from the EOC for our purpose to take approximately 30 minutes to 1 hour depending on the availability and willingness of the various EOC members to assist with the simulation. The Smith County EOC wishes to proceed with the entire scenario, I will assist in providing a timeline, casualty list, and other input that would provide a framework for the virtual tabletop simulation to be conducted to completion

Number of Periods: 1

Collaborators: Glenn A Barnes (75%) PI with Sandra Wiggins Petersen (25%) Program Coordinator

Status: Submitted - Not Funded Approval for Pre-award Spending: No Type of Grant: Program

Type of Funding: Institutional

Internal/External: External

Teaching Enhancement Activities

Start Term: 2021/02

End Term: 2021/02

Title: Faculty 180 Training

Hours: 1

Description: Workings of Faculty 180 for promotion

Synergistic Activity: Yes

Nurse Tim CE Offering: No

Professional Enhancement Activities

ACUE-Inspiring Inquiry and Preparing Lifelong Learners

Start Term: 2023/02

End Term: 2027/02

- Description: Motivating Your Students (LL1)
- Providing Clear Directions and Explanations (LL2)
- Using Concept Maps and Other Visualization Tools (LL3)
- Using Student Achievement and Feedback to Improve Your Teaching (LL4)
- Using Advanced Questioning Techniques (LL5)
- Developing Self-Directed Learners (LL6)

ACUE-Designing Learner-Centered Courses

Start Term: 2023/03

End Term: 2023/03

Description: Ensuring Learner-Centered Course Outcomes (DC1) Designing Aligned Assessments and Assignments (DC2) Aligning Learning Experiences with Course Outcomes (DC3) Creating Clarity with Checklists and Rubrics (DC4) Developing Fair and Transparent Grading Practices (DC5) Preparing an Effective Syllabus (DC6) Internal/External: External

Texas Woman's University: Tenure Assessor

Jan 2023

Hours: 15

Description: Invited to conduct a promotion and Tenure assessment for the faculty of Texas Woman's University. The candidate was being considered for the position of Tenured Associate Professor.

Community Emergency Response Team

Mar 2023

Hours: 24

Description: Certification in Community Emergency Response Team. This is a prerequisite to being able to teach this course to UT Tyler Students

Community Emergency Response Team Instructor Course

Mar 2023

Hours: 19

Description: Certification to teach FEMA CERT course to UT students and faculty

Texas Nursing Association Values Statement on Gun Violence

2020

Hours: 25

Description: Part of a workgroup to develop a Values Statement concerning Gun Violence to be submitted to the Texas Governor.

Advising Activities

2020 Doctoral Students: 2

2021 Doctoral Students: 2

Student Mentoring

Start Term: 2020/01

End Term: 2020/03

Student Name: Hephzibah Mammon

Title of Thesis / Dissertation: Mentoring

Start Term: 2020/01

End Term: 2020/03

Student Name: Bryan Jordan

Title of Thesis / Dissertation: RSS intervention

Professional Service

Community Engagement / Civic Service Activities

2024

Board of Directors

Organization: Smith County CERT

Description: Member of Smith County Community Emergency Response Team with a focus on training

Location: Smith County, Tyler, Texas Number of People Impacted: 110000

Covid Vaccine Administrator

2021

Organization: NETHealth

Description: Provided vaccines for COVID to the community

Location: Tyler, Texas Harvey Hall Convention Center

Number of People Impacted: 800

Student Participation: Yes

Covid Vaccine Coordinator/Planner

2021

Organization: Northeast Texas Public Health

Description: Planned and organized the COVID Vaccine distribution process for Northeast Texas Public Health

Responsibility: Other Scope: Local Location: Tyler Texas

Number of People Impacted: 160000

Student Participation: Yes

Field Support Med Tent

2020

Organization: Tyler Run for the Roses

Description: Supervised Wilderness Medicine Students man a medical aid station for an ultra long-distance trail run

Responsibility: Member Scope: Regional Location: Tyler Texas

Number of People Impacted: 235

Student Participation: Yes

Honors and Awards

Fellow of the Academy of Wilderness Medicine

Organization: Wilderness Medical Society

Year Conferred: 2022

Type of Honor / Award: Professional

Award Type: Service

Membership

Wilderness Medicine Society

2020-current

Sigma Theta Tau

2009- Current

Disabled American Veterans

2020- Current

Consulting

Cooksy Law Firm

2024

Estimated Hours Involved: 6

Description: Legal nurse chart review in wrongful death case

Start Term: Fall 2021

End Term: Spring 2022

NETHealth Public Health

2021

Estimated Hours Involved: 120

Description: Planned and executed a mass vaccination program for the COVID vaccine with both drive-through and indoor protocols.

NETHealth Public Health

2021

Estimated Hours Involved: 20

Description: Provide consultation for deconflicting multiagency response to infectious disease outbreak

Institutional Committees

Committee Name: Faculty Senate

Start Term: Spring 2021

End Term: Ongoing

The University of Texas at Tyler

Responsibility: Member

Curriculum Council Start Term: Fall 2020-2022

Other Institutional Service

Start Term: Spring 2023

End Term: Ongoing

Title: FEMA Community Emergency Response Team Training Site

Organization: The University of Texas at Tyler

Description: obtained designation by the Federal Emergency Management Agency (FEMA) for the School of Nursing to train and certify individuals in the Community Emergency Response Team (CERT) training. UT SON is one of the few sites in East Texas to obtain this designation.

Curriculum Development: Not Applicable

Nursing Disaster Response Guest Lecturer

2021-2023

Organization: The University of Texas at Tyler

Description: Provide 8 hours seminar on disaster response to level 2 nursing students. Lecture, demonstration, and hands-on skills labs for mass casualty triage, improvised splints, tourniquets, and carry litters.

Course Development: and university service

Nursing in Nontraditional Environment (NiNE) NURS 4311

2022- current

A 3-hour elective to train student nurses in care outside of a traditional hospital or clinic. venues include austere or remote locations, disaster nursing, and humanitarian global health. Students have to ability to earn 3 national certificates: Wilderness Life Support for Medical Professionals, FEMA Community Emergency Response Team, and Essentials of Disaster Life Support. Students conduct an overnight search and rescue for casualties then provide extended care in austere environments as a final exercise.

Curriculum Development: Workbooks

Emergency Preparedness for Individuals and Communities

2024

A 3-hour elective to train non-nursing students in basic first aid, cpr, aed, survival, emergency preparedness and disaster recovery operations. National Certifications include American Heart Association First Aid, CPR, AED course, Essentials of Disaster Life Support, and FEMA Community Emergency Response Team. Also taught are life skills for disaster response and recovery to include vehicle maintenance and basic home repair.

Faculty Advisor Wilderness Medicine Student Group

Organization: The University of Texas at Tyler

Description: Founder and Faculty Advisor Student Organization

Curriculum Development: Not Applicable

Chair 31008 Hearing Tribunal Chair

Organization: The University of Texas at Tyler

Description: Chair of the tribunal to hear the case of a university faculty member. All other details are confidential.

Curriculum Development: Not Applicable