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## Welcome to the University of Arkansas, Eleanor Mann School of Nursing

# ANEW grant

### *What is ANEW>>>*

The Advanced Nursing Education Workforce (ANEW) Program provides funding to support innovative academic-practice partnerships to prepare primary care advanced practice registered nursing students to practice in rural and underserved settings through academic and clinical training.

The partnerships support traineeships, as well as infrastructure funds to schools of nursing and their practice partners who deliver primary care clinical training experiences with rural and/or under-served populations for advanced nursing education programs.

<https://www.hrsa.gov/grants/find-funding/hrsa-17-067>

### *Our Program:*

The purpose of the Academic Practice Partnership is to continue the development of a sustainable program designed to enhance the clinical experience of Family Nurse Practitioner students enrolled in the online Doctor of Nursing Practice (DNP) program at the Eleanor Mann School of Nursing (EMSON) in Fayetteville, Arkansas beginning with clinical training at community-based settings of Washington Regional Medical Center (WRMC) and Central Arkansas Veterans Healthcare System (CAVHS). The project goal is to continue to improve health of rural and underserved Arkansans by ensuring a sufficient number of highly educated, culturally competent, and clinically skilled Family Nurse Practitioners (FNPs) are available to practice to their fullest potential and transform the nation's evolving health care. The objectives of the project are to 1) Enhance an academic-practice partnership with Washington Regional Medical Center (WRMC) and Veteran Healthcare Systems (CAVHS) in Arkansas. 2) Recruit, train, develop, support, and evaluate preceptors as program partners within CAVH CBOC and WRMC community-based clinical settings. 3) Provide Family Nurse Practitioner students longitudinal immersion clinical training experiences in rural community-based settings located in rural and/or underserved communities serving citizens of Arkansas. 4) Implement strategies to connect program graduates to existing resources to assist with primary care employment in rural and/or underserved populations in and around Arkansas. 5) Collaborate with community-based setting and community to develop strategies to combat opioid crisis. 6) Collaborate regularly with all levels of grant partners and participants to maintain ongoing communication and information exchange. Local, regional, and national needs align with the statutory purpose of the program. Expansion of scientific knowledge needed for safe nursing

practice, growing concerns about quality of care, and increasing complexity of health care delivery systems has led to the recommendation to prepare advanced practice nurses at the doctoral level. In the Future of Nursing Report, recommendations were made to double the number of nurses with a doctorate by 2020. Based on the 2016-2017 Arkansas State Board of Nursing Annual Report, there were 2,324 students enrolled in baccalaureate programs, with the University of Arkansas comprising the largest number of students. There are currently 1761 Certified Nurse Practitioners (CNPs) licensed in Arkansas prepared at the masters or doctorate level. Of these, 9% are male. The percentage of male CNPs has increased each year. The percentage of doctoral prepared CNPs has doubled since 2016 and now represents 10% of the CNPs licensed in Arkansas. The percentages of doctoral prepared CNPs have increased, but the availability of doctoral-prepared preceptors continues to be critically low in Arkansas. Locally, there is one BSN-to-DNP program. This program experiences the issues documented on the national level, including competition for clinical sites and preceptors, impact of students on practice productivity, profit, and inconsistent knowledge, skill and abilities of students and preceptors. The transition from master's to doctoral level for advanced practice nursing education creates a gap during which there will be variability between available clinical preceptors' competencies and DNP student learning needs.

**Director >>> Marilou Shreve, DNP, RN, CPNP**

Dr. Shreve is an Assistant Professor at the Eleanor Mann School of Nursing (EMSON) and serves at the Project Director for the Advanced Nursing Education Workforce (ANEW) grant. She has been a Pediatric Nurse Practitioner for 19 years. She continues to practice in pediatric primary care while serving as a preceptor for graduate students. Her research focus is in pediatric obesity barriers that impact treatment. Dr. Shreve opened and successfully maintained one of the first nurse practitioner owned clinics in the state of Arkansas. She joined the University of Arkansas in 2013 and has taught both undergraduate and graduate level courses. She is actively involved with international studies and has taught pediatric courses at both undergraduate and graduate levels in Sweden. She brings expertise as a previous Project Manager for the EMSON ANEW grant from 2017 – 2019. Contact: [mdshreve@uark.edu](mailto:mdshreve@uark.edu) 479.575.2831



**Manager >>> Anna Jarrett PhD, ACNP/FNP-BC**

Anna, specializes in trauma intensive care. Dr. Jarrett has over 35 years' experience as a critical care nurse; including medical, surgical, neurology, neuro-surgery, and trauma intensive care. Academically, Dr. Jarrett has taught Emergency nursing in undergraduate, graduate, and post-graduate programs. She taught online acute care and nurse educator courses for UAMS for five years.

Dr. Jarrett's research focus is outcomes in trauma care (IMPACT) and insomnia (CREST) studies.

She brings expertise as a previous Project Director for the Advanced Nursing Education (ANE) Grant, and the Advanced Nursing Education Workforce Program (ANEW) Grant for EMSON at the University of Arkansas.

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**Martha Butler PhD, RN**

**Community Preceptor Liaison >>>**

Dr. Butler received her BSN and MN degrees from Wichita State University, and a PhD in nursing from Texas Woman's University. She has 35 years' experience in nursing education, both in faculty and administrative positions. Prior to moving to Arkansas in 2012, Dr. Butler served as program director for the BSN program at Southwestern College in Kansas where she developed both the BSN and online degree completion programs. Since 2013 she has served as adjunct faculty and Assistant Director for Graduate Studies in EMSON. Dr. Butler recently joined the ANEW team, and is excited for the opportunity the grant provides in facilitating nurses' pursuit of their advanced educational and professional goals. Contact: [mrbutler@uark.edu](mailto:mrbutler@uark.edu)



# Meet our grant team:

**Visiting Assistant Clinical Professor >>>**

**Callie Bradley DNP, FNP-C**



Dr. Bradley is a Family Nurse Practitioner who has recently started teaching DNP students as a Visiting Clinical Assistant Professor at the University of Arkansas Eleanor Mann School of Nursing as part of the ANEW Grant. In addition to her teaching she also maintains a clinical practice at a local urgent care. Dr. Bradley has worked at the University Of Utah College Of Nursing both as a clinician and faculty member within the Primary Care DNP program. Dr. Bradley graduated from the University Of Utah College Of Nursing with her Doctorate in Nursing Practice degree in 2016; during which she received an ANEE traineeship from her work with underserved populations. Contact: [cmbradle@uark.edu](mailto:cmbradle@uark.edu)



**Project/Program Specialist >>>**

**Christy Reynolds**

**MA. MGLT CWDP**

Mrs. Reynolds joined the University in early 2019 and the ANEW team in December of 2019. She comes to us with 14 years of Higher Ed experience and with a wide range of skills. She has previously taught Business, First Year Experience and Internship classes. In addition to serving as an adjunct faculty she held the position of Academic Advisor and Internship Coordinator for the Business and Computing Division, Academic Success Center Coordinator, and Student Communication & Social Media Coordinator just to highlight a few. Mrs. Reynolds has a passion for student success, Workforce Development/Career Readiness and she is a MBTI facilitator. Mrs. Reynolds serves as the front line member of our team working with our ANEW students, in addition to coordinating and collaborating on projects and activities with the ANEW team members.

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Mrs. McCann started her nursing career as a registered nurse in 1999. She went on to earn a master's degree in Nursing Education from the University of Arkansas, Fayetteville. Rebecca has a passion for working with families in our communities, serving for many years as a registered nurse working with newborns and families in neonatal intensive care and maternal newborn care. While maintaining a successful nursing career she started working as an adjunct clinical instructor for the University of Arkansas, in Maternal Child Nursing for undergraduate nursing students. With the desire to be a part of improving healthcare and increasing healthcare services in her community, she took a role in hospital leadership in which she contributed to nursing growth, and quality and safety initiatives. As a recent addition to the ANEW grant, Mrs. McCann will monitor communication between clinical sites, students as well as focus on identifying and reviewing quality concerns as they arise.

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**Quality Manager >>>**

**Rebecca McCann MSN, RNC**



# finalthoughts...

## Our student DNP projects

Over the course of the DNP program, our students work on their projects.

We have shared a snapshot of a couple of these projects below.

### Implementation of CDC Guidelines for Prescribing Opioids for Improved Pain Management in a Primary Care Setting

Student: *Sharonda Randle*

Opioid drug-related overdose is now one of the leading causes of death in the United States (US). In 2016, one in five patients were prescribed opioids in a primary care setting (Dowell, Haegerich, & amp; Chou, 2016). Arkansas ranked second in the nation for prescribing opioids in 66 out of 75 counties and number one for prescribing opioids for minor injuries. Primary care providers (PCP) are the main prescribers of opioids for noncancer chronic pain (NCCP) but the least trained in pain management. Access to tools and resources is necessary for primary care providers to adhere to evidence-based guidelines and improve pain care management. The purpose of this project is to improve opioid management practices at the project site through the utilization of a standardized management process. This quality improvement (QI) project will use a pre-test, post-test design without a control group. The intervention will consist of an educational presentation that includes instruction on the use of a checklist and pain assessment tool. It is expected that providing pain management training will result in increased competency in prescribing opioids safely, increase the use of CDC guidelines, and decrease opioid prescriptions to noncancer chronic pain patients.

### DNP Project Coordinator >>> Michele Kilmer, DNP

Dr. Kilmer has been working in EMSON's graduate program since September 2017 when she was the Program Quality Manager for the ANEW grant. She now serves as the DNP Projects Coordinator and oversees the DNP project process throughout the program. Dr. Kilmer is dedicated to working with faculty and students to develop projects that meet the clinical site's needs while improving patient health outcomes.

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the project is to reduce the incidence of uncontrolled type 2 diabetes by implementing the intervention for six months with an analysis at the conclusion of this time frame in order to obtain an improved intervention in this care setting. The proposed project method is a quasi-experimental design without a control group involving shared medical appointment intervention that addresses the current knowledge deficit identified and noncompliance identified by healthcare team members as a barrier to type 2 diabetes management and HbA1c control. Findings of this project will be presented to the Hot Springs VA clinic. The quality improvement DNP project aims to reduce the incidence of uncontrolled diabetes within the veteran population through the utilization of shared medical appointments.



### Shared Medical Appointments in Adults with Type 2 Diabetes Mellitus

Student: *Savannah Tart*

Diabetes is an emerging epidemic, affecting millions of individuals internationally (Williams, Walker, Smalls, Hill, & Egede, 2016). It is attributed to changing lifestyles and driven largely by modifiable risk factors. This complex chronic health disease has been challenging to manage across populations, requiring inventive methods of management by both patients and healthcare providers (Franklin, Lewis, Willis, Bourke-Taylor, & Smith, 2018). This DNP project proposal explores the phenomenon of uncontrolled type 2 diabetes in the veteran population of central Arkansas in order to develop a quality improvement project. Through the review of literature process, evidence has been synthesized to create a shared medical appointment intervention with feedback from staff and patients. The purpose of



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