ADVANCED PRACTICE REGISTERED NURSING (APRN) STUDENT TRAINEESHIP: COLLABORATIVE STRATEGIES FOR INCREASING RURAL/UNDERSERVED PRIMARY CARE

VICTORIA LS BRITSON, PHD, CNP, FNP-BC, CNE & SHERYL MARCKSTADT PHD, RN, CNP, NP-C, FNP-BC

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Additional Team Members: Linda Burdette, PhD, RN; Mona Hohman, MS, RN; Travis Spier, RN, MSN, NR-P, FP-C, CCEMT-P; Shana Harming, BS; Karen Kaskie BSN, RN, CFRN, CPEN; Marie Schmit, MS; Callie Jodozi-Molengraf, BS
PURPOSE

- Two-year Advanced Nursing Education Workforce (ANEW) project
- Enhance an existing academic/practice partnership to
- Prepare primary care APRN nursing students for practice in rural/underserved settings
LEARNER OUTCOMES

1. Identify demographic characteristics of primary care providers who practice in rural and underserved areas

2. Describe the components of the APRN Traineeship Immersion Project
**BACKGROUND**

- **United States**
  - 46 million Americans live in rural counties
  - Poorer health outcomes + more health risk factors and chronic conditions
  - Less access to care

- **South Dakota 66 counties**
  - Nine federally recognized Indian tribes
  - 42% rural
  - 34 counties are frontier (< six persons per square mile)
  - 24 counties are rural
  - 44 counties Health Professional Shortage Areas (HPSA’s)
  - 59 counties Medically Underserved Areas (MUA’s)
  - 696 Advanced Practice Registered Nurses
South Dakota Nursing Work Force

As of December 31, 2016, 848 actively licensed certified nurse practitioners (CNPs) (South Dakota Board of Nursing, 2017)

74.8% (634) are licensed as Family Nurse Practitioners (FNPs)

Over half of FNPs practice in urban locations (South Dakota Board of Nursing, 2016)

Average Age = 45 years, 7.1% intend “to leave or retire from nursing within the next 5 years

Minority nurse populations are underrepresented

Native American CNPs = 1.3% (11)
PROJECT OBJECTIVES AND SCOPE

1. In collaboration with the practice partner, provide an innovative approach to longitudinal, immersive clinical training experiences

2. Provide traineeship funds

3. Recruit, train, develop, and support preceptors

4. Develop employment opportunities

5. Evaluate
METHODS: TRAINEESHIP ELIGIBILITY

- RN licensure
- Full time enrollment to become a primary care NP
- Be a citizen of the United States, a non-citizen national or a foreign national who possesses a visa permitting permanent residence in the United States (i.e. individuals on temporary or student visas are not eligible to receive ANEW support)
- Maintain academic standards
- Be prepared to sit for certification following graduation
TRAINEESHIP COMPONENTS

- Affirm a sincere desire to practice in primary care in a rural and/or underserved area

- **Rural Immersion**
  - Longitudinal clinical training experience in a rural and/or underserved areas

- 2 week **Intensive Experience**
  - Stay in the community
  - Work same schedule as preceptor
  - Experience may include acute/long term care rounds, ED coverage, on-call hours, home visits
ADDITIONAL COMPONENTS

- Community assessment and intervention
- Advanced procedures and skill concept workshops
  - Introduction to Rural Clinical Community Culture
  - Advanced Procedures in the Rural Community
  - Advanced Skill Concepts in the Rural Community
- Agree to provide professional activity information for one year post graduation
ACADEMIC PRACTICE PARTNERSHIP

- Enhance Existing Partnership
- Leverage Existing Preceptor Arrangements
- Support and enhance new and existing preceptors
- Facilitate Job Placement
OVERVIEW OF RURAL HEALTH WORKSHOP

- Introduction to Rural Healthcare
- Rural Nursing Theory
- Population Health Management
- Emergency Care Settings to a Higher Level of Care
- Health Promotion
- Agricultural and Occupational Safety
- Cultural Considerations
- Triage and Disaster Management
- Long Term Care, Hospital Rounds
- Interactions with Specialists
- Ground or Air Transportation
RESULTS: WORKSHOP #2

- Wound Management
  - laceration repair
  - suturing, stapling
  - digital blocks
  - biopsy
  - cryosurgery
  - foreign body removal

- Eye Emergencies
  - corneal abrasion
  - rust rings
  - foreign body

- Cardiology
  - 12 lead EKG interpretation
  - STEMI
  - Splinting

- ENT Emergencies
  - epistaxis
  - foreign bodies

Advanced Procedures in the Rural Community
RESULTS: LEADERSHIP                         FEBRUARY 1 & MARCH 22, 2018

Friday Night at the ER®
RESULTS: WORKSHOP #3

MAY 30, 2018

Advanced Skill Concepts in the Rural Community
CONCLUSION
REFERENCES