

# Katherine E. Griffin

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## EDUCATION

### **Master of Public Health, Epidemiology**

*Vanderbilt School of Medicine – Nashville, TN*

May 2024

### **Bachelor of Science in Education, Kinesiology**

*The University of Tennessee – Knoxville, TN*

December 2021

### **U.S. Army 68C Program**

Licensed Practical Nursing Specialist

*Fort Sam Houston – San Antonio, TX*

September 2017

- Tennessee Board of Nursing license #93401

## SKILLS

- **Clinical Software & EMRs:** *EClinic-Works, Essentris, MATRIX, AHLTA, CHCS, MODS, NEDDS, TennIIs, EPIC, CPRS, Vista R3, JLV, Cerner, IRBNet, VINCI, DART*
- **Technology & Programming:** *Microsoft Word, Excel, PowerPoint, Adobe Acrobat, STATA, SQL, SAS Studio, REDCap, RStudio*

## MANUSCRIPTS

### **In-Progress**

- Griffin KE, Snyder KD, et al. Use of SGLT2i versus DPP4i as an Add-On Therapy and the Risk of Amputation, Stent Placement, or Vascular Surgery: A Cohort Study in Veterans with Diabetes.
- Snyder KD, Griffin KE, et al. The Association of SGLT2i versus DPP4i on Fracture: Cohort study of Veterans with Diabetes.

## ABSTRACTS, POSTERS, PRESENTATIONS

### **Submitted Abstracts**

1. "Use of SGLT2i versus DPP4i as an Add-On Therapy and the risk of Amputation, Stent Placement, or Vascular Surgery: A Cohort Study in Veterans with Diabetes"
  - Conference: American Diabetes Association's 84th Scientific Sessions on June 22<sup>nd</sup>, 2024
  - Co-Authors: Katherine E. Griffin and Kathryn Snyder

### **Poster Presentations**

- Griffin, Katherine E. Tick Mitigation and Surveillance: STEPS Survey in Middle TN and Southeast USA pilot to reduce Lone Star tick populations along trails in wildlife areas. Poster presented at: *Annual Vanderbilt Institute for Medicine and Public Health, Population and Public Health Colloquium*; Jan. 2024; Nashville, TN.
- Griffin, Katherine E. Tick Mitigation and Surveillance: STEPS Survey in Middle TN and Southeast USA pilot to reduce Lone Star tick populations along trails in wildlife areas. Poster presented at: *2024 Vanderbilt Translational Research Forum*; Feb. 2024; Nashville, TN.

## RELEVANT EXPERIENCE

### **Research Coordinator**

August 2023 - Current

*The Department of Veterans Affairs (MTRI Employee) – Nashville, TN*

Part-time: 30 hours per week

- Clinical project manager at Nashville VA for 2 large, multi-site research projects (lung cancer and dementia research)
- Actively consent, transcribe, and interview patients for 1 clinical drug trial and 1 prospective cohort study
- Screen, recruit, and handle adverse events for participants both in-person and virtually
- Assist with drug monitoring and shipping for PREVENTABLE trial
- Create, maintain, and amend local and central documents for IRB via IRBNet
- Create and edit protocols, abstracts, scripts, consents, and HIPAA documents

### **Vector Borne Disease Research - Intern**

June 2023 – Aug. 2023

*Tennessee Department of Health (TDH)*

Part-time: 30 hours per week

- Support lead PI through research assistance and data collection

- Generate reports using data analysis to present to stakeholders
- Experience using RStudio and STATA to analyze disease prevalence in Davidson County
- Travel to field sites for data collection, manual data entry, and surveillance
- Adherence to sterile laboratory procedures when PCR testing for DNA/RNA abstraction
- Determine disease prevalence in ticks for Middle Tennessee counties

### Research Assistant (WOC)

December 2022 - Current

*The Department of Veterans Affairs (GRECC Department) – Nashville, TN*

Part-time: 15 hours per week

- Working with PI and other collaborators on a large CKD/CVD longitudinal cohort study
- Conduct literature review to understand previous research on target diabetes medications
- Create and write a protocol for one aim of the grant and share with stakeholders
- Utilize VINCI atmosphere to store, monitor and share updates on data analysis
- Analyze data using RStudio and disseminate reports and presentations to team
- Skilled in scientific writing and epidemiologic communications through generation of reports and presentations

### Licensed Practical Nurse

February 2023 – June 2023

*The Bridge at Hickory Woods – Antioch, TN*

Part-time: 25-30 hours per week

- LPN at a hospice and assisted living facility composed of diverse, geriatric residents
- Proficient in medication administration and management of acute and chronic diseases
- Collected biospecimens for facility and outpatient providers when ordered, coordinated shipping if external
- Administration of CPR, burn/wound management, and providing emergency care when needed
- Skilled in comfort care, maintaining quality of life, and end-of-life management

### Surveillance Officer

Emerging Infections Program – Nashville, TN

August 2022 – Feb. 2023

Part-time: 20-25 hours per week

- Collect data through chart abstraction and enter it into an electronic capture system (REDCap)
- Maintain and monitor case report forms, report missing data or discrepancies to leadership
- Conduct quality assurance audits for all assigned cases in the project for accuracy and/or completeness
- Monitor the incidence of bacterial cases in Middle TN, generate and report trends on a routine basis
- Document and track biospecimen shipments to state lab and to federal organizations
- Assisted CDC with Fall 2022 Flu Project, screened and interviewed positive reported cases that met entry criteria

### Licensed Practical Nurse

January 2022 – Aug. 2022

*Allergy, Asthma, and Sinus Center – Knoxville, TN*

Full-time: 40+ hours per week

- Experienced in pulmonary function testing, allergic skin testing, and both acute and chronic disease management
- Ensure quality communication amongst the patient, healthcare providers, pharmacies, and insurance
- Assist and collaborate with insurance companies to ensure the patient understands medication coverage
- Specialized experience providing care for ailments involving allergies, asthma, eczema, and allergic systemic reactions
- Manage and oversee shipping and processing of biohazardous material and disposal of biohazardous waste
- Management and administration of oral, inhalant, and injectable medications, including biologics

### U.S. Army – Nurse

*7239<sup>th</sup> Medical Support Unit*

PT/FT - dependent on Reserve or Active status

June 2016 – March 2022

- CONUS missions to assist the US Army as case manager with deployment and cadet processing demands
- Personally tracked and processed 6,000+ Soldiers per month out of our facility during Fort Bliss mobilization
- Experienced in handling sensitive Veteran data, including health information and international deployment concerns
- Experienced in generating reports and presentations for public speaking on health services and readiness
- Trained to be resilient in high-stress situations as a soldier and as a nurse
- Rotating nurse at Brooke Army Medical Center for one year, providing care to Soldiers with acute/chronic illnesses
- Rotating clinical experience in field hospitals, military clinics, deployment sites, and drive-through COVID-19 centers
- Critical thinker, effective organizational skills, and leadership skills due to Sergeant rank