

CURRICULUM VITA
ELAINE LOUDERMILK
loudermilken@etsu.edu

EDUCATION

- Dr.PH. Epidemiology, East Tennessee State University, Johnson City, Tennessee, 2020
- M.P.H. Epidemiology, East Tennessee State University, 2017
- B.S. Health Sciences, conc. Microbiology, East Tennessee State University, 2015
- Biochemistry Major, Tennessee Technological University, Cookeville, Tennessee, 2011 – 2012

PROFESSIONAL EXPERIENCE

- Certified Phlebotomist, First Choice Pediatrics, State of Franklin Healthcare Associates, Johnson City, TN, July 2018-Current
- Editorial review assistant for Dr. Arsham Alamian, PhD, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, 2018
- Co-host for The Epidemiology Hour, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, 2018-Present
- Graduate Research Assistant, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, 2017 – Present
- Research Assistant, Environmental Health Disparities in Rural Appalachia: The impact of air pollution, obesity and diet on COPD morbidity, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, 2017 - 2018
- Epidemiology Intern, Healthcare Associated Infections, Department of Communicable and Environmental Diseases and Emergency Preparedness, Tennessee Department of Health, Nashville, Tennessee, 2017
- Graduate Assistant, Charles C. Sherrod Library, East Tennessee State University, 2015 – 2017
- Certified Phlebotomist, Mountain States Health Alliance, 2014 – 2016
- Volunteer Research Assistant, Department of Health Sciences, East Tennessee State University, 2014 – 2015

- America Reads Tutor, Department of Counseling and Human Services, East Tennessee State University, 2013 – 2015

TEACHING EXPERIENCE

- Guest Lecturer and Teaching Assistant, Infectious Disease Epidemiology, Master's degree level, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, Fall 2017 and Fall 2018
- Guest Lecturer, Epidemiology 1, Master's degree level, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, Fall 2017
- Guest Lecturer and Teaching Assistant, Biostatistics 1, Master's degree level, Department of Biostatistics & Epidemiology, College of Public Health, East Tennessee State University, Fall 2017
- Phlebotomy Preceptor, Mountain States Health Alliance, 2015-2016

PROFESSIONAL ASSOCIATIONS:

- President of the College of Public Health Student Council, East Tennessee State University, 2018-2019
- College of Public Health Student Council Representative for the Department of Biostatistics and Epidemiology, East Tennessee State University, 2018-2019
- American Academy of HIV Medicine
- American Public Health Association
- Tennessee Public Health Association
- Council of State and Territorial Epidemiologists
- The Graduate and Professional Student Association at East Tennessee State University
- Upper Cumberland Reserve Corps
- American Society of Phlebotomy Technicians

RESEARCH

- Assisted faculty in reviewing grant applications
- Student member of APPOMET: APPalachian Obesity and METabolic diseases with East Tennessee State University

- Aided in door-to-door primary data collection for a fellow DrPH student for their dissertation
- Assisted Dr. Meira Yasin, DNP, for a mixed methods study design, “Assessing Health and Quality of Life for a Population of Palestinian Refugees: A Pilot Study.” RDC small grant (\$1500)

POSTER PRESENTATIONS

- (1) **Loudermilk E**, Peterson J, Clark WA, Marrs JA, Wang L, Alamian A. Investigation of the Association Between CTRP3 and Being at Risk for MetS in a Pediatric Population. *Obesity Week 2018*. Nashville, TN.
- (2) Alhassan BA, Liu Y, Slawson D, Peterson J, Marrs JA, Clark WA, Wang L, Alamian A, **Loudermilk E**. Maternal correlates of cardiometabolic risk in Hispanic Children. *American Public Health Association Annual Meeting for 2018*. San Diego, CA.
- (3) Wang K, Liu Y, **Loudermilk E**, Lu Y, Xu C, Luo X. A meta-analysis of genome-wide association studies identifies three novel loci associated with age at onset of Parkinson’s disease. *American Public Health Association Annual Meeting for 2018*.
- (4) **Loudermilk E**, Veeranki SP, Quinn MA, Zheng S, Rotimi OR. Association of Childhood Sexual Abuse Experience and Drunk Driving in US Adults. *American Public Health Association 2017*. Atlanta, GA.
- (5) **Loudermilk E**, Obenauer J, Fell A, Zheng S, Kainer MA. Effective Healthcare Personnel (HCP) Influenza Vaccination Policies in Acute Care Hospitals across Tennessee. *18th Annual Tennessee Emerging Infections Program Scientific Presentation Day*. Nashville, TN.
- (6) **Loudermilk E**, Obenauer J, Fell A, Zheng S, Kainer MA. Effective Healthcare Personnel (HCP) Influenza Vaccination Policies in Acute Care Hospitals across Tennessee. *IDWeek 2017*. San Diego, CA.
- (7) Owens H, **Loudermilk E**, Quinn MA. Effects of Physical and Sexual Abuse on Mental Health. *2017 Tennessee Public Health Association Annual Meeting*. Franklin, TN.
- (8) **Loudermilk E**, Fell A, Kainer MA. Descriptive Statistics for Strategies Used by Healthcare Facilities in Tennessee to Achieve 90% Influenza Vaccination Among Healthcare Personnel. *Tennessee Public Health Association Grand Division Meeting 2017*. Franklin, TN.

- (9) **Loudermilk E**, Subedi P, Brooks B, Alamian A. Investigation of Child Sexual Abuse Impact on Binge Drinking Among Adults in the US. *Appalachian Student Research Forum 2017*. East Tennessee State University.
- (10) **Loudermilk E**, Obenauer J, Quinn MA, Owens H. Association between Physician/Hospital Visits and Hospitalizations for Mosquito-borne Illness in Nueva Vida, Nicaragua. *Appalachian Student Research Forum 2017*. East Tennessee State University.
- (11) Owens H, **Loudermilk E**, Obenauer J, Quinn MA. Effect of Adverse Childhood Experiences (ACEs) on Mental Health. *Appalachian Student Research Forum 2017*. East Tennessee State University.
- (12) Quinn M, Collins K, Caldara G, Owens H, Ozodiegwu I, **Loudermilk, E**, Stinson J. Modification of the adverse childhood experiences international questionnaire for cultural competency: methods for understanding childhood trauma in low-resource settings. *Sexual Violence Research Initiative Forum 2017*. Rio, Brazil.
- (13) **Loudermilk E**, Loudermilk K, Obenauer J, Quinn MA. Impact of Adverse Childhood Experiences (ACEs) on Adult Binge Drinking Behavior. *2016 Tennessee Public Health Association Annual Meeting*. Franklin, TN.
- (14) **Loudermilk E**, Obenauer J, Obure R, Quinn MA. The Role of Adverse Childhood Experiences in Adult Divorce and Separation. *Appalachian Student Research Forum 2016*. East Tennessee State University.

ORAL PRESENTATIONS

- (1) **Loudermilk E**, Peterson J, Clark WA, Marrs J, Wang L, Alamian A. An Investigation of the association between C1qTNF related protein 3 (CTRP3) and being at risk for metabolic syndrome in a pediatric population of Northeast Tennessee: Results from a pilot study. *Obesity Week 2018*. Nashville, TN.
- (2) **Loudermilk E**, Quinn M, Wang L. Impact of Adverse Childhood Experiences on HIV Risk Behaviors using a Nationally Representative Sample from 2011 and 2012. *Appalachian Student Research Forum 2018*. East Tennessee State University.
- (3) **Loudermilk E**, Veeranki SP, Quinn MA, Zheng S, Rotimi OR. Association of Exposure to Sexual Abuse and Parental Substance Abuse Behavior during Childhood with Drunk Driving in US Adults. *Appalachian Student Research Forum 2017*. East Tennessee State University.

PUBLISHED MANUSCRIPTS

- (1) **Loudermilk E**, Loudermilk K, Obenauer J, Quinn M. Impact of Adverse Childhood Experiences (ACEs) on Adult Alcohol Consumption Behaviors. *Child Abuse and Neglect*. 2018.
- (2) Quinn M, Caldara G, Collins K, Owens H, Ozodiegwu I, **Loudermilk E**, Stinson J. Methods for Understanding Childhood Trauma: Modifying the Adverse Childhood Experiences International Questionnaire for Cultural Competency. *International Journal of Public Health*. 2017.

MANUSCRIPTS UNDER REVIEW

- (1) Quinn M, Obenauer J, Caldara G, **Loudermilk E**, Shekiro E, Stinson J. Adult Health Status after Exposure to Childhood Violence. *Child Maltreatment*. 2018.
- (2) Ategbale M, Bin Su B, Wang N, **Loudermilk E**, Xie X, Xu C, Liu Y, Wang K. Gender differences in the associations of early smoking onset and past year tobacco use with the prevalence of bronchitis in US adults: Results from the 2013 National Survey on Drug Use and Health data. *Journal of Infection and Public Health*. 2017.
- (3) Kakraba S, **Loudermilk E**, Liu S, Sha Z, Wang L, Wang K. Age differences in the associations of alcohol consumption and skin allergy with non-melanoma skin cancer in U.S. adults. *Journal of Behavioral Medicine*. 2018.

MANUSCRIPTS IN PROGRESS

- (1) **Loudermilk E**, Wang L. Statewide analysis: How do Adverse Childhood Experiences Impact HIV Screening Behaviors among Adults in Tennessee? *American Journal of Preventative Medicine*. 2018.
- (2) **Loudermilk E**, Rotimi O, Kaur A, Zheng S, Quinn MA. Association of Childhood Sexual Abuse Experience and Drunk Driving among US Adults. *Child Abuse and Neglect*. 2018.

HONORS AND AWARDS

- Interprofessional Education Program Honors, East Tennessee State University
- Dean's List, East Tennessee State University
- Dean's List, Tennessee Technological University
- General Chemistry Scholarship, Tennessee Technological University

COMMUNITY SERVICE

- The Crumley House, Limestone, Tennessee

- Avalon Hospice, Cookeville, Tennessee
- Avalon Hospice, Nashville, Tennessee