



06 NOV 2019

## **Kia Fuller, Ph.D., MPH**

**Pediatric Research Hub, Dept. of Pediatrics, College of Medicine**

**University of Florida, Gainesville Florida**

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### **EDUCATION**

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- Ph.D.** Major: Genetics and Genomics University of Florida May 2019  
Gainesville, FL  
Dissertation: *Examining the roles of genetics and sociocultural environment in health: Investigating complex disease through a biocultural lens*
- MPH** Major: Public Health University of Florida May 2018  
Concentration: Epidemiology Gainesville, FL  
Advisor: Yan Wang
- B.S.** Major: Biological Sciences Florida State University May 2014  
Tallahassee, FL

### **HONORS AND AWARDS**

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- University of Florida, CLAS Dissertation Fellowship** 2018  
Amount awarded: \$7,000
- University of Florida, First Generation Research Fund** 2017  
Title of grant: "Use of personal social networks to better understand academic performance and symptoms of anxiety in first generation students at the University of Florida" (author of grant)  
Amount awarded: \$5,090
- Edward A. Bouchet Graduate Honor Society** 2017
- IDEAS Scholar** 2016
- University of Florida Diversity Fellowship** 2014

**University of Florida Graduate Fellowship** 2014

**McKnight Graduate Fellowship** 2014

**RESEARCH EXPERIENCE and Work Experience**

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**Clinical Research Coordinator III** **May 2019 - Present**  
Pediatric Research Hub, Department of Pediatrics  
College of Medicine  
University of Florida, Gainesville, FL

**Graduate Research Assistant** **March 2015 - May 2019**  
Supervising PI: Connie Mulligan, Ph.D.  
Genetics and Genomics Graduate Program  
College of Medicine  
University of Florida, Gainesville, FL

**Intern at Southeastern National Tuberculosis Center** **January 2018 – March 2018**  
Supervising PI: Michael Lauzardo, MD, MSc  
Gainesville, FL

**Tallahassee Ethnographic Field School Participant** **June 2015 - August 2015**  
Supervising PI: Lance Gravlee, Ph.D.  
Funded by National Institutes of Health  
Tallahassee, FL

**Undergraduate Research Assistant** **May 2014 - May 2014**  
Supervising PI: Wu-min Deng, Ph.D.  
Department of Biological Sciences  
College of Arts and Sciences  
Florida State University, Tallahassee, FL

**Undergraduate Research Assistant** **August 2012- May 2013**  
Supervising PI: Austin Mast, Ph.D.  
Department of Biological Science  
College of Arts and Sciences  
Florida State University, Tallahassee, FL

*Journal Articles*

Fuller, Kia C., et al. "ACE gene haplotypes and social networks: Using a biocultural framework to investigate blood pressure variation in African Americans." *PloS one* 13.9 (2018): e0204127.

*Conference Papers and Abstracts*

Fuller K.C, McCarty C., Boulter A.C., Vacca R., Gravlee C.C., Mulligan C.J., Association of *ACE*, *TPA*, and *WNK1 Alu* polymorphisms, perceptions of unfair treatment, and personal networks with hypertension in African Americans. Accepted by the American Association of Physical Anthropologist Conference 2016

Hite E., Perez D., D'Inge D., Fuller K. C., Intersecting race, space, and place through community gardens.  
Accepted to Society for Applied Anthropology Conference 2016

Fuller K.C., Gravlee C.C., Mulligan C.J., Association of *ACE* haplotypes and family members in social networks with blood pressure variation in African Americans. Accepted by Society for Applied Anthropology Conference 2017

## PRESENTATIONS AND INVITED LECTURES

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Interaction of *ACE*, *TPA*, and *WNK1 Alu* Polymorphism with Hypertension in the Context of Racism in African-Americans | University of Florida Genetics Institute Mixer | September 25, 2014

*Alu* Polymorphisms, Racial Discrimination, and Hypertension in African Americans in Tallahassee, Fl. | Genetics and Genomics Seminar | October 31, 2014

*ECE-1* Single Nucleotide Polymorphisms and their Association with Congenital Heart Disease Phenotypes in Pediatric Patients | Genetics and Genomics Seminar | January 16, 2015

*5-Httlpr* Variation, *BDNF* Polymorphisms, Temperament, and Cortisol Stress Responsivity in Infants. | Genetics and Genomics Seminar | February 20, 2015

Community Gardens: Growing More than Food. | The Ethnographic Field School: Leon County Library Public Forum | July 30, 2015

Using Social Networks, Unfair Treatment, and *ACE Alu* Polymorphisms to Investigate Hypertension in African Americans. | University of Florida Genetics Institute Mixer | September 24, 2015

Using Social Networks, Unfair Treatment, and *ACE Alu* Polymorphisms to Investigate Hypertension in African Americans. | University of Florida, Genetics Symposium | November 15, 2015

Using Social Networks, Unfair Treatment, and *ACE Alu* Polymorphisms in Investigating Hypertension in African Americans. | American Association of Physical Anthropologists Conference | April 14-17, 2016

Social Networks, Unfair Treatment, and *ACE Alu* Polymorphisms in Investigating Hypertension in African Americans. | University of Florida, Genetics Mixer | September 22, 2016

Association of *ACE* haplotypes and family members in social networks with blood pressure variation in African Americans. | American Association of Physical Anthropologists Conference | April 19-21, 2017

Depression in African Americans: Using genetic and social network data to investigate variation in symptoms of depression. | American Association of Physical Anthropologists Conference | April 12-14, 2018

## **PROFESSIONAL AFFILIATIONS**

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Edward A Bouchet Graduate Honor Society, 2017-Present

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## **OUTREACH AND SERVICE**

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Represented the Genetics and Genomics Program at the University of Florida Graduate Day Event. This involved supplying information about the program to interested undergraduate students and answering questions about my graduate school experience and the reasons behind the academic decision I have made. October 26, 2015-University of Florida

Mentored African American undergraduate student, helping her to develop a project for the University Honors Program and the Undergraduate Research Day. I guided her in selecting a topic interesting to her, and taught her to use the R computer program for data analysis and EgoNet for social network analysis

Participated as member of graduate student panel held for undergraduate students participating in a summer research program held by the Whitney Marine Lab at the University of Florida. The panel was held to answer questions from undergraduates regarding the process of applying to graduate school, life as a graduate student, and the Genetics and Genomics program.

Research mentor for McNair Scholar. This role involves working with an undergraduate student from the McNair program to help her develop a research question and provide guidance on how to best conduct the research. I will help her work on her research project, advise on professional development, and help her to publish her work. April 6, 2018 – Present

Research mentor for a first-generation undergraduate student. This role involves guiding the student during the development of a research question and study design. Other duties include training the undergraduate student on how to work at the lab bench and statistical analysis using computer programs. August 24, 2018 – Present

## **VOLUNTEERING AND COMMUNITY SERVICE**

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**Infection Prevention Experience | July 2018 - Present**

North Florida Regional Medical Center, Gainesville FL

- Held a volunteer position in the Infection Prevention department of North Florida Regional Medical Center. Responsible for data entry of secure health care information.
- Aided in testing of new app adopted for monitoring hand hygiene practices of healthcare workers.
- Assisted in project assessing healthcare worker compliance with new policy of chlorhexidine gluconate (CHG) gel baths for central lines in all units.
- Shadowed risk assessment process for hospital with units.
- Completed extensive training in HIPAA protocols and policy.

#### University of Florida Health Shands, Gainesville FL.

- Held a volunteer position in the Infection Prevention department of Shands Medical Center.
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- Handled data entry for critical hand hygiene exercises of Shands' healthcare workers.
- Worked to properly sort and catalog mandatory infectious disease reports exchanged with the Alachua county Health Department.

#### **Skills and Trainings**

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- Molecular biology techniques including qPCR, pyrosequencing, and gel electrophoresis
- Hazardous waste storage and management
- R statistical programming language
- Data analysis
- Social network analysis
- Scientific writing
- Oral and written communication
- DNA and RNA extraction from both whole blood and saliva
- Microsoft Office 365
- JMP and JMP Genomics
- IRB submission and revision
- Qualtrics Online Survey creation and dissemination
- HIPAA and privacy training
- Mentoring
- Supervision of undergraduate lab volunteers

- Epidemiological methodologies
- Epidemiological data analysis
- Research project management
- Grant writing
- Blood-borne pathogen training