

# MIKYAS DUGA

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## EDUCATION

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**Sep 2020 - May 2022 (expected)** Master of Public Health, *Rutgers School of Public Health*, Piscataway, NJ  
· Concentration: Biostatistics  
· GPA: 3.98

**Sep 2013 - May 2017** Bachelor of Science, *Sewanee: The University of the South*, Sewanee, TN  
· Major: Chemistry  
· GPA: 3.5, *cum laude*

## EXPERIENCE

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**Feb 2022 - Present** **Graduate Research Assistant, Rutgers Institute for Health, Health Care Policy and Aging Research, New Brunswick, NJ**  
· Manage data and prepare data for analysis.  
· Plan and conduct statistical analyses of complex survey data on risk behaviors and health outcomes of adolescents in seven African countries in collaboration with a PhD researcher.  
· Prepare written reports and presentation materials to communicate research findings.  
· Perform literature review.

**Nov 2019 – Sep 2021** **QC Lab Analyst, Microbiology, Advanced Testing Laboratory at Procter & Gamble, Inwood, WV**  
· Performed quality control testing of raw materials and finished household and cosmetic products for microbial contamination.  
· Performed water testing and environmental and compressed air testing.  
· Assessed and entered results, performed microbial identifications, and determined whether product met quality specifications.  
· Performed rapid testing of finished products for microbial contamination and assisted in the validation of new methods.  
· Assisted in training new employees and performed quality review.

**July 2018 – July 2019** **Study Coordinator II, Chemistry Operations, Covance Laboratories, Inc., Chantilly, VA**  
· Drafted protocols, sample analysis outlines (SAOs) and amendments and ensured study compliance with study protocol, SOP, and regulatory guidelines.  
· Prepared interim and final study reports. Performed peer reviews and quality control of study reports. Reviewed QAU audit reports and submitted audit responses for approval.  
· Tracked study progress and provided status reports to management.

**Nov 2017 – July 2018** **Tutor, Varsity Tutors, Washington, DC**  
· Tutored high school and college students in Algebra and college level Chemistry.  
· Provided guidance on challenging topics and helped prepare learning materials and student resources.

**June 2014 – Aug 2014** Intern, Cancer and Chronic Diseases Bureau, D.C. Department of Health

- Prepared educational brochures on cancer, sexually transmitted diseases, and sexual violence.
- Helped prepare Twitter content to promote exercise, healthy living habits and provide important information regarding chronic health issues.
- Assisted in designing staff surveys to assess employee engagement and satisfaction and participated in staff meetings and events.

## **TECHNICAL SKILLS**

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**SAS Procedures:** ANOVA, APPEND, CONTENTS, COPY, DATASET, FORMAT, FREQ, IMPORT, MEANS, PLOT, PRINT, REGRESS, REPORT, SGPanel, SGPlot, SGScatter, SORT, TABULATE, TTEST, UNIVARIATE, LOGISTIC, MIXED, GLM, GENMOD, GLIMMIX, LIFETEST, etc.

**Software:** R 4.0.5, SPSS 28.0, Stata 17.0, and Microsoft Office Suite.

## **AWARDS AND ACHIEVEMENTS**

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**Rutgers School of Public Health 21<sup>st</sup> Century Scholar** – 2020, 2021  
**Alpha Epsilon Delta** – Member, Pre-health Honor Society - 2016

## **PRESENTATIONS**

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**Duga, M., Conrad, M., Lammon, M., Brooks, H.,** “Substitution of KPI019 with DNA and DNA like bases,” *Annual Scholarship Sewanee Presentations, 2016.*