

MIKYAS DUGA

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EXPERIENCE

**Aug 2022 –
Present**

Data Analyst, BoardSource, Washington, DC

- Manage data, clean data, prepare descriptive statistics and conduct univariate and multivariate analysis using R.
- Work across teams to prepare written reports, presentations, data visualizations and dashboards.
- Communicate findings to internal and external nontechnical audiences.
- Identify and utilize external data sources including millions of IRS nonprofit tax records to aid the organization's research aims.
- Build an internal application to automate assessments reporting to external clients.
- Collaboratively design research surveys with internal and external stakeholders.

**Feb 2022 –
May 2022**

Graduate Research Assistant, Rutgers Institute for Health, Health Care Policy and Aging Research, New Brunswick, NJ

- Managed data and prepared data for analysis.
- Planned and conducted statistical analyses of complex survey data on HIV risk behaviors and health outcomes of adolescents in seven African countries in collaboration with a PhD researcher.
- Prepared written reports and presentation materials to communicate research findings.
- Performed literature review.

**Nov 2019 –
Sep 2021**

Quality Control 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.

EDUCATION

- Sep 2020 - May 2022** 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*

TECHNICAL SKILLS

Software: R 4.2.2, SQL (MySQL), SAS 9.4, Stata 17.0, SPSS 28.0, Qualtrics and Microsoft Office Suite.

AWARDS AND ACHIEVEMENTS

Delta Omega – Member, Public health Honor Society - 2022
Rutgers School of Public Health 21st Century Scholar – 2020, 2021
Alpha Epsilon Delta – Member, Pre-health Honor Society - 2016

PRESENTATIONS

Duga, M., “Prevalence of Adolescent Sexual Exploitation and Associated HIV Risk Behaviors in Cote d’Ivoire, Lesotho, Malawi, Namibia, Tanzania, Zambia and Zimbabwe.” *Rutgers School of Public Health Capstone Poster Presentations, 2022*

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