

DANIEL KEVIN ADDO

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Results-driven Ph.D. student with 5+ years of work experience seeking summer internship roles (May-Aug '24) in Biostatistics or related fields.

EDUCATION

University of Utah, *Ph.D. in Population Health Science, Biostatistics* | Salt Lake City, UT GPA: **3.98 / 4.0** Dec 2025+

Northern Arizona University, *M.S. Statistics* | Flagstaff, AZ GPA: **4.0 / 4.0** Apr 2021

Kwame Nkrumah University of Science & Technology, *B.Sc. Statistics* | Kumasi, Ghana CWA: **78 / 100** May 2017

Courses: Advanced Statistical Inference | Analysis of Survival Data | Applied Bayesian Modelling | Causal Inference | Clinical Trials | Epidemiology: Theory and Methods | Machine Learning | Mathematical Statistics | Multilevel Data Analysis

EXPERIENCE

University of Utah *Graduate Research Assistant* | Salt Lake City, UT Aug 2021 - Present

- Run statistical analysis using R and SAS.
- Collaborate with a team of statisticians and clinicians to do quality research work.
- Prepare and present relevant statistical reports to both statistical and non-statistical audiences.
- Adopt essential programming practices and principles to benefit the team over the long term.

Northern Arizona University, *Part-time Faculty* | Flagstaff, AZ Jul 2021 - Aug 2021

- Tasked to teach Applied Statistics for 2021 Summer session.
- Designed lesson plans, practice assignments, and exams with the course objectives in mind.
- Employed an adaptive teaching style to maximize student learning outcomes.
- Provided student-specific feedback regularly to ensure students' goals were achievable.

Northern Arizona University, *Graduate Teaching Assistant* | Flagstaff, AZ Aug 2019 - May 2021

- Tasked to teach Algebra, Quantitative Reasoning, and Applied Statistics for four semesters.
- Effectively utilized classroom technology to keep students engaged and enlightened.
- Competently transitioned to teaching remotely during the COVID-19 pandemic.
- Requested and received feedback from course coordinators and students to improve my teaching style.

ZroNet Africa, *Data Analyst* | Accra, Ghana Dec 2018 - Aug 2019

- Prepared and presented data-driven reports to maximize user engagement on the ZroNet app.
- Designed an infographic scorecard using Tableau to visually report key daily metrics to team members.
- Developed a system to identify and flag data leakages promptly.

Kwame Nkrumah University of Science and Technology *Teaching Assistant* | Kumasi, Ghana Sep 2017 - Aug 2018

- Organized weekly tutorial sessions in introductory statistics and probability to maximize students' learning.
- Contributed to a research study that has since been published.
- Assisted with grading tasks and providing student-specific feedback.

SKILLS

Languages R, SAS, LaTeX, Quarto

Soft skills Detail-Oriented, Team-Player, Collaborative Problem Solver, Curious Learner, Communicator, Organized

Software Rstudio, SAS, Tableau, MS-Word, MS-Powerpoint, MS-Excel, GitBash, Linux

Certification Human Research - Biomedical Research Investigators and Key Personnel, Citi Program (2021)

PUBLICATIONS

Joshua JA, Derington CG, Zheutlin AR, King JB, Cohen JB, Bucheit J, Kronish IM, **Addo DK**, Morisky DE, Greene TH, Bress AP. *Association Between Self-Reported Medication Adherence and Therapeutic Inertia in Hypertension: A Secondary Analysis of SPRINT (Systolic Blood Pressure Intervention Trial)*. Journal of the American Heart Association 13 (3), e031574 2024

Zheutlin AR, **Addo DK**, Jacobs JA, Derington CG, Herrick JS, Greene TH, Stulberg EL, Berlowitz DR, Williamson JD, Pajewski NM, Supiano MA, Bress AP. *Evidence for Age Bias Contributing to Therapeutic Inertia in Blood Pressure Management: A Secondary Analysis of SPRINT*. Hypertension, 80(7), 1484-1493. 2023

Jacobs JA, **Addo DK**, Zheutlin AR, et al. *Prevalence of Statin Use for Primary Prevention of Atherosclerotic Cardiovascular Disease by Race, Ethnicity, and 10-Year Disease Risk in the US: National Health and Nutrition Examination Surveys, 2013 to March 2020*. JAMA Cardiology;8(5):443-452. doi:10.1001/jamacardio.2023.0228 2023

PROJECTS

Initiation of ACEI- vs. ARB-based antihypertensive medication regimens and cognitive decline: A Secondary Analysis of SPRINT	2024+
The Association of Urinary Sodium with Incident Apparent Treatment Resistant Hypertension among African Americans: Findings from The Jackson Heart Study.	2024+
Trends in initial antihypertensive medication among Veterans newly diagnosed with hypertension, 2000-2019	2024+
Evaluating the effect of treatment on surrogate outcomes (eGRF acute and chronic slopes) and its consequential effect on kidney disease	2025+

ACHIEVEMENTS

Outstanding Graduate Teaching Assistant, Master's Level <i>Graduate School, Northern Arizona University</i>	Apr 2021
Johnson-Ratliff Memorial Scholarship <i>Department of Mathematics and Statistics, Northern Arizona University</i>	May 2020

MEMBERSHIPS

- American Statistical Association
- American Mathematical Society