

JUSTICE AMEYI

CONTACT INFORMATION

Mailing Address:	241 Cunz Hall, 1841 Neil Avenue College of Public Health The Ohio State University Columbus, OH 43210	404 Cockins Hall, 1958 Neil Avenue Department of Statistics The Ohio State University Columbus, OH 43210
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EDUCATION

Ph.D. in Biostatistics	2021 - 2026
The Ohio State University, Columbus, OH, USA GPA: N/A	
M.S. Applied Statistics and Analytics	2019 - 2021
Central Michigan University, Mt. Pleasant, MI, USA GPA: 4.0/4.0	
BSc. (Hons) Mathematics and Statistics	2013 - 2017
University of Ghana, Accra, Ghana GPA: 3.55/4.0	

HONORS & AWARDS

Dr. Gary G. Koch and Mrs. Carolyn J. Koch Graduate Fellowship, <i>The Ohio State University</i>	2021-2022
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RESEARCH INTERESTS

- Bayesian Analysis
- High-dimensional Data Analysis
- Clinical Trials
- Statistical Computing
- Bioinformatics
- Survival Analysis

WORK EXPERIENCE

Research and Statistical Consulting, <i>Central Michigan University</i>	Aug. 2019 - May 2021
– Analyzed BRFSS, SEER and NIS datasets using SAS.	
– Conducted research in Bayesian Statistics.	
Teaching	
• <i>Central Michigan University</i>	Jan. - May 2020
– STA 282QR: Introduction to Statistics	
• <i>University of Professional Studies, Accra, Ghana</i>	Jan. 2019 - May 2019
– BASC 208: Risk Theory	
– BASC 306: Stochastic Processes	
• <i>Regent University College of Science and Technology, Ghana</i>	Jan. 2018 - Jul. 2018
– STAT 532: Modern Statistical Inference	
– STAT 549: Advanced Sampling Techniques	
• <i>University of Ghana (National Service)</i>	Aug. 2017 - Jul. 2018
– STAT 111: Introductory Statistics	
– STAT 112: Elementary Probability	
– STAT 441/601: Statistical Inference: Estimation & Decision Theory	
– STAT 442/602: Statistical Inference: Hypotheses Testing	
Survey Enumerator, <i>Amplifies Ghana Project</i>	Jul. 2018
– Collected data from two districts in Ghana for their Egg Consumption survey, funded by the USDA.	

WORKING PAPERS

1. **Ameyi, J.**, Cheng, C., Cooray, K. (2021) *Bayesian Estimators of the Power-Cauchy Distribution*. [Ongoing]
2. **Ameyi, J.**, Amezziane, M. (2021) *On The Difference of Two Means of Two Discrete Samples*. [Ongoing]
3. Dahiya, D. S., Kichloo, A., Singh, J., Cheng, C., **Ameyi, J.**, & Al-Haddad, M. (2021) *Celiac Disease: Epidemiological Trends, Hospitalization Characteristics and Adverse Outcomes in the United States from 2007 – 2017*. Submitted to **Journal of Clinical Gastroenterology**

COMPUTING SKILLS

Statistical Software: R, SAS, Minitab, SPSS, STATA, Tableau

Programming Languages: Python, Maple, SQL, C++ (*Basic*)

Reproducible Research/Publishing: L^AT_EX, R Markdown, LyX, Git, Microsoft Office Suite

CONFERENCES & PRESENTATIONS

- **ISBA 2021:** The 15th World Meeting of the International Society for Bayesian Analysis, *Online/Virtual*, Kunming, China, June 28 - July 2, 2021.
- **ICOSDA 2019:** The 3rd International Conference on Statistical Distributions and Applications, Grand Rapids, MI, USA, October 10 - 12, 2019.

CERTIFICATIONS

- **Short Courses at ISBA 2021** June 2021
 - An Introduction to Bayesian Record Linkage by Dr. Rebecca Steort.
 - Applied Bayesian Nonparametric Mixture Modeling by Dr. Athanasios Kottas.
 - Bayesian Modeling of Brain Imaging Data by Dr. Michele Guindani.
 - Advanced Topics in Variable Selection and Model Averaging by Drs. Joseph Antonelli & Antonio Linero.
 - Bayesian Adaptive Clinical Trial Designs by Drs. Ying Yuan & Jack Lee.
- **On Coursera**

– Specialization: Python for Everybody	University of Michigan	Mar. 2020
– Bayesian Statistics: Techniques and Models	Univ. of California, Santa Cruz	Feb. 2020
– Bayesian Statistics: From Concept to Data Analysis	Univ. of California, Santa Cruz	Nov. 2019
- **SAS Certified Specialist: Base Programming Using SAS 9.4** Dec. 2019

EXTRACURRICULAR ACTIVITIES

- Treasurer, Statistics & Biostatistics Graduate Students Association, O.S.U.** Aug. 2021 - Present
- Managing the association's income and expenses.
 - Serving as key financial leader of the association.
- Vice President, Statistics & Data Science Club, C.M.U.** Aug. 2020 - July 2021
- Treasurer, Akafo Hall, U.G.** Dec. 2015 - Nov. 2016
- Managed financial affairs of the 2000+ student body.
 - Secured sponsorship to renovate two reading rooms in the hall, among other projects.
 - Organized two financial literacy programs with high-profile speakers from academia and industry.
- Sponsorship Committee Member, Ghana Association of Statistics Students, U.G.** May 2014 - Apr. 2015
- Helped secure sponsorships from corporate bodies to finance projects of the association.

PROFESSIONAL MEMBERSHIP

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REFERENCES

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