

C. V.

RICHARD ADJEI-BOATENG.

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UNIVERSITY EDUCATION

- PhD Health Economics, University of Colorado, Denver, August 2020 – present.
- M.S Mathematics (Mathematical Economics), Western Kentucky University, August 2018-June2020 .
- BA (Economics and Mathematics), University of Cape Coast, August 2012-May 2016.

RESEARCH EXPERIENCE

Department of Mathematics, Western Kentucky University.

- Working with Dr. Lukun Zheng on my graduate research thesis: “*Measuring the dependence structure of major exchange rates using mixed copula approach*” (submitted for publication).
- Co-authored a scientific research paper with Dr. Lukun Zheng, titled: “*A bibliometric analysis of copula research from 2000 to 2019* ”. (submitted).
 - i. Retrieval of part of data.
 - ii. Performed data analysis.
 - iii. Wrote the Methodology.
 - iv. Wrote the results and discussions.
 - v. Made the tables and figures.

Department of Economics, University of Cape Coast.

- Worked with Dr. Benedict Afful Jr. on my undergraduate research thesis, titled: “*The relationship between sports participation and academic performance. A case study in the University of Cape Coast*”.

TEACHING EXPERIENCE

Department of Mathematics, Western Kentucky University.

- **Teaching assistatnt** to Dr. Mark Robinson, my responsibilities were to conduct calculus 1 recitation sessions for undergraduates. JAN 2020-MAY 2020.
- **Teaching assistant** to Dr. Munasinghe Samangi, my responsibilities were to conduct calculus 1 recitation sessions for undergraduates. AUG 2019-DEC 2020 and JAN 2019-MAY 2019.
- **Teaching assistant** to Dr. Dominic Lanphier, my responsibilities were to conduct calculus 1 recitation sessions for undergraduates. AUG 2019-DEC 2019.

- **Teaching assistant** to Dr. Mikael Khenner, my responsibilities were to conduct calculus 1 recitation sessions for undergraduates. AUG 2018-DEC 2018.
- **Teaching assistant** to Dr. Richard Schugart, my responsibilities were to conduct calculus 1 recitation sessions for undergraduates. AUG 2018-DEC 2018 and JAN 2020-MAY 2020.
- **Tutor** at the Western Kentucky University mathematics department laboratory. My main responsibilities were to teach mathematics at the Math Tutoring Center (MTC). MAY 2019-JUL 2019.

Ideal College(High School) , Teacher.

SEP 2016- APR 2018.

- Taught Core Mathematics.
- Taught Elective Mathematics.
- Taught Economics.

PROFESSIONAL and ACADEMIC EXPERIENCE

- Volunteer at the Cape Coast regional sports council, MAY 2016 - SEP 2016.
 - Writing professional proposals.
 - Validating the identity and subsequent distribution of media tags to recognized media staff.
- Library committee member, University of Cape Coast, AUG 2014- MAY 2015.
 - Focused group discussion.

SKILLS & CERTIFICATIONS

- Graduate Assistant Teaching Instructor Certificate(GATI). (WKU).
 - Masters certificate in Economic Data Analytics.
 - SAS Base Programmer using SAS 9.4.
 - Complete SAS certificate on Udemy (11.5 hours).
 - Coursera “Getting and cleaning data” (John Hopkins University Online).
 - Coursera “Data Scientist Toolbox in R”.(John Hopkins University Online).
 - Coursera “R Programming”.(John Hopkins University Online).
 - Coursera “Reproducible Research”.(John Hopkins University Online).
 - Ability to use various statistical tests and software for a wide range of analysis and modeling. R, SAS, STATA, Python, Mathematica(Plus two weeks intensive training with certificate at the University of Cape Coast).
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HONORS & AWARDS

- **Zinke Tuition Scholarship Award** (Department of Economics, University of Colorado, Denver) 2020-2021 academic year.
- **Research Assistant Position** (Department of Economics, University of Colorado, Denver) 2020-2021 academic year.
- **Teaching Assistant Position** (Department of Economics, University of Colorado, Denver) 2020-2021 academic year.
- **Graduate Teaching Assistant** Position(Western Kentucky University). 2018-2019 academic year.
- **Graduate Teaching Assistant** Position(Western Kentucky University). 2019-2020 Academic year.

EXTRACURRICULAR ACTIVITIES

- Member, American Mathematical Society (AMS), WKU, 2018-present.
- Correspondence Liaison for AMS, WKU chapter, 2019-2020.
- Active Member, WKU Soccer Club, 2018-2020.

RELEVANT COURSE WORK

ECONOMICS	MATHEMATICS	STATISTICS	RESEARCH
Micro Economic Theory (ECON 5073)	Advance Discrete Mathematics (MATH 542)	Statistical Methods I(STAT 549)	Thesis Research and writing(MATH 599)
Advance Micro Economic Theory (ECON 7073)	Complex analysis (MAT 404)	Probability and statistics(MATH 482G)	Social Science Research methods(SSR 202)
Econometrics I & II (ECON 5813 & 5823)	Ordinary Differential Equations(MAT 405)	Time series analysis(STA 406)	Project Work(ECO 499)
Health Economics I (ECON 7661)	Modern Algebra I and II(MAT 304 & MAT 403)	Statistical Methods I (STA 303)	
Mathematical Economics (ECON 5803)	Advance Calculus I and II(MAT 301 & 302)	Basic Statistics(SSR 201)	
Applied Macro Ecomic theory (ECON 503)	Introductory Analysis(MAT 303)	Introduction to probability and statistics (MAT 204)	
Applied Micro Economic theory(ECON 502)	Further Calculus(MAT 203)		
Regression and Econometric Analysis(ECON 465G)	Intro to Abstract Algebra(MAT 201)		
Forecasting(ECON 594)	Analytic Geometry and Calculus(MAT 102)		
Advanced Economics I and II(ECO 421& ECO 422)(micro/macro)			
Intermediate Economics(ECO 301& ECO 302)I and II(macro/micro)			
Economic Growth and Development (ECO 404)			
History of Economic Thought(ECO 402)			