WISDOM ASELISEWINE

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EDUCATION

University of Texas at Arlington

PhD. Statistics- May 2024.

- College of Science Graduate Merit Fellowship Recipient- Fall, 2020
- Spencer Foundation Scholar- 2020/2021
- Graduate Teaching Assistant

Ball State University

MA. Actuarial Science-May 2020

- Graduate Merit Fellowship- 2018-2020
- IABA Scholar-2019/2020
- Graduate Teaching Assistant- 2018/2020
- Coaching Actuaries Campus Ambassador.

University for Development Stud.

B. SC. Actuarial Science- Dec 2015

- Prudential Life Insurance Best Student award-2015/16
- Dean's List of Best Students

SOCIETY OF ACTUARIES CERTIFIED EXAMS PASSED.

- Financial Mathematics/FM2- Feb 2019.
- Probability/P- March 2019.
- Investment &Financial Markets/IFM- Nov 2019.
- Short Term Actuarial Mathematics/STAM- June 2020.
- Sitting for SRM in Sept. 2021.

SKILLS.

- **Advanced Technical Skills**: R | Access | Tableau | Excel.
- **Intermediate Technical Skills**: SAS | Python | SQL.
- **Other Skills**: Actuarial analysis | Analytical problem-solving skill | Team player | Detailed-oriented | Good inter-personal relationship | Strong mathematical knowledge.

ACADEMIC RELATED EXPERIENCE.

University of Texas at Arlington, Graduate Teaching Assistant, Aug 2020 to Present.
- Instructor for Calculus I (MATH 1426) Lab session by conducting and coordinating students' group work and providing recitation session to further enhance understanding. I also hold office hours to assist struggling students.

Ball State University, Graduate Assistant, Aug 2018 to May 2020.
- Sole instructor for Quantitative Reasoning (Math 125); I taught over 35 students as a course instructor, created course outline for instruction, tracked class and student metrics performance, created innovative strategies to mentor struggling students, and assisted students at the computer lab.

University for Development Studies, Teaching Assistant, Sept 2015- May 2017.
- Tutored a class of over fifty students, assisted faculty members in their research, graded students' assignments and quizzes, and assisted professors in creating course outlines.

VOLUNTEER EXPERIENCE

Ghana Statistical Service.
Data Collector- Aug- Dec 2014
Collected data across an entire Municipal area using digital procedures. Kept data secure and followed proper procedures for uploading and transmitting information. Experienced in working under pressure, stayed on top of daily workload with speed and efficiency.

SIC Insurance Company.
Intern-May-August 2014
I worked as an intern, assisted in preparation of reports and documentations, provided support to actuary by performing calculation and analysis, and rated products reviews.

Quality Insurance Company.
Intern-May-August 2013
As an intern, I assisted the Branch actuary to perform financial analysis on claims data to develop solutions to problems, performed data analysis using spreadsheet and R programming.

War Memorial Hospital.
Intern-May- August 2012
I worked as an assistant to the Biostatistician at the Medical Records Department. I assisted the Biostatistician to perform data analysis using R programming and Excel. I also assisted in writing reports presentations.

RESEARCH RELATED EXPERIENCE.

Navrongo Health Research Centre, Data Analyst, May 2017-Nov 2017.
Activities: I conducted quantitative and qualitative research in projects such as the Birth-Cohort studies, Vaccines trials, and household expenditures in health. Primary data obtained through field studies were analyzed using R to fit statistical models, and data visualization techniques. Through this project I developed the skills of handling and analyzing big data to support sophisticated analysis, maintained security and data integrity, mathematical accuracy and proper coding, and analyzed and tracked data to prepare forecasts and identify trends.

International Consortium Research Project on Social and Health Policies for Inclusive Growth, Ghana, May 2016- Aug 2016.
Activities: I worked as a research assistant in an international consortium project of the Netherlands, Germany, Ghana, and Kenya, led by Professors Pouw Nicky and Katja Bender. Under this project, I recommended and fitted appropriate statistical models to data, used of mixed method approach to investigate in research project, performed high dimensional data coding, and created high-quality graphical data visualization and graphical representations of study results. I performed several presentations on the "Challenges of community impact interviews" and "Work-in progress" at workshops.

Other Outstanding Research Experience in Ghana, Research Assistant, Dec 2015- April 2016.
- Worked with Mr. Wilson Cusack, Brown University, to create a Marketing Platform leading to the thesis being selected to be funded by Bill & Melinda Gates Foundations.
- Worked with Miss Vera Luetkeholz, University of Armsterdam, on a Graduate Student Research Project to analyze Health Insurances in Ghana. As a result of this work, I competitively selected as a research assistant in an international consortium project of the Netherlands, Germany, Ghana, and Kenya, led by Professors Pouw Nicky and Katja Bender.

Research Publications.
- **Puurbalanta, R., & Aselisewine, W (2016)**. Poisson Regression Analysis of Ideal Family Size. Publication Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-12, 2016 ISSN: 2454-1362.
- **Aselisewine, W, & Boahen, E, (2017)**. Levels, Differentials and Key Proximate Determinants of Under-Five Mortality in Ghana-Asian Research Journal of Mathematics 5(4): 1-3, 2017; Article No. ARJOM.31741 ISSN: 2456-477X.