

EDUCATION

MS. Statistics & Data Science University of Nevada, Reno, NV	May 2021
MS. Statistics Northern Arizona University, Flagstaff, AZ	May 2019
BS. Actuarial Science Kwame Nkrumah University of Science & Technology, Ghana	June 2016

WORK EXPERIENCE

Biostatistician II , Study Design and Biostatistics Center (SDBC) <i>Department of Internal Medicine, University of Utah</i>	July 2021 - Present
<ul style="list-style-type: none">• Project statistician for Utah Cancer Registry Participation in the National Program for Cancer Registries (NPCR), and Utah Department of Human Services' Application for System of Care Expansion and Sustainability grants.• Develop high-quality analysis plans and reports following the SDBC template, demonstrating proficiency in statistical methodologies.• Conduct independent consultations with investigators for complex projects, eliciting research objectives and study elements effectively.• Maintain effective communication within the SDBC team, ensuring consistency in work tasks and proactively validating statistical analysis results.	
Actuarial Service Intern , PricewaterhouseCoopers <i>New York City (Virtual Internship)</i>	July 2020 - August 2020
<ul style="list-style-type: none">• Applied firm-standard methodologies to support research, analysis, and problem-solving.• Contributed general insurance advice and consulting services to clients.	
Graduate Teaching Assistant , Department of Mathematics & Statistics <i>University of Nevada, Reno</i>	August 2019 - May 2021
<ul style="list-style-type: none">• Tutored 400+ students in Pre-Calculus and Calculus, delivering tailored instruction for conceptual mastery.• Conducted weekly office hours, offering personalized assistance for assignments and exams.• Evaluated assignments and exam for 400+ students, offering constructive feedback for enhanced learning.	
Instructor , Department of Mathematics & Statistics <i>Northern Arizona University</i>	August 2017 - May 2019
<ul style="list-style-type: none">• Used relatable concepts to motivate students to overcome learning obstacles.• Strategically planned and independently taught sections of Applied Statistics.• Fostered strong interpersonal skills through academic counselling for 150+ students.	
Teaching Assistant , Department of Mathematics <i>Kwame Nkrumah University of Science & Technology, Ghana</i>	August 2016 - August 2017
<ul style="list-style-type: none">• Assisted students in understanding and resolving tactical problems in master's and undergraduate level courses.	

- Acted as a liaison facilitating communication between professors and students.

PUBLICATIONS

Published

- Flores, B., **Ofori-Atta, B.** & Sarantsev, A. A stock market model based on CAPM and market size. *Ann Finance* **17**, 405–424 (2021). <https://doi.org/10.1007/s10436-021-00390-8>
- Millar MM, Edwards SL, Herget KA, Orleans B, **Ofori-Atta BS**, Kirchoff AC, Carter ME, Nagata M, Sweeney C. Adherence to Guideline-Recommended cancer screening among Utah cancer survivors. *Cancer Med.* 2022 Aug 27;12(3):3543–54. doi: 10.1002/cam4.5168. Epub ahead of print. PMID: 36029153; PMCID: PMC9939153.
- Millar MM, Herget KA, **Ofori-Atta B**, Codden RR, Edwards SL, Carter ME, Belnap B, Kirchoff AC, Sweeney C. Cancer survivorship experiences in Utah: an evaluation assessing indicators of survivors' quality of life, health behaviors, and access to health services. *Cancer Causes Control.* 2023 Feb 1. doi: 10.1007/s10552-023-01671-5. Epub ahead of print. PMID: 36723708.

Manuscripts submitted for publication or in preparation

- Rachel R. Codden, Carol Sweeney, **Blessing S. Ofori-Atta**, Kimberly A. Herget, Kacey Wigren, Sandra Edwards, Marjorie E. Carter, Anne C. Kirchoff, Jennifer A. Doherty, Mia Hashibe, Morgan M. Millar, *Accuracy of patient race and ethnicity data in central cancer registry.* Manuscript submitted for publication.
- Kade Wagers, **Blessing S. Ofori-Atta**, William Tucker, Angela Presson, Devon Nixon, *Evaluation of costs associated with acute Achilles tendon repair.* Manuscript submitted for publication.
- Kade Wagers, **Blessing S. Ofori-Atta**, William Tucker, Angela Presson, Devon Nixon, *Influence of social deprivation on patient-reported outcomes in foot and ankle patients.* Manuscript submitted for publication.
- Michael Birdsall, **Blessing S. Ofori-Atta**, Ashley M. Snyder, Bethany K. H. Lewis, *A dermatology eConsult service at an academic medical institution increases access to underserved populations.* Manuscript submitted for publication.
- Kaddas, Heydon; Millar, Morgan; Herget, Kimberly; Carter, Marjorie; **Ofori-Atta, Blessing**; Edwards, Sandra; Codden, Rachel; Sweeney, Carol; Kirchoff, Anne. *Material Financial Hardship and Insurance-Related Experiences among Utah's Rural and Urban Cancer Survivors.* Manuscript submitted for publication.
- Kathleen McKee, Andrew Knighton, Kristy Veale, Julie Martinez, Cory McCann, Jonathan Anderson, Doug Wolfe, Rob Blackburn, Marilyn McKasson, Tyler Bardsley, **Blessing Ofori-Atta**, Tom Greene, Robert Hoesch, H Puttgen, and Rajendu Srivastava. *Local Tailoring Improves Acute Stroke Care in 21 Disparate Emergency Departments: A Prospective Stepped Wedge Type III Hybrid Effectiveness-Implementation Study.* Manuscript submitted for publication.
- Julia Hood, **Blessing S. Ofori-Atta**, Amanda V. Bakian, Deborah Bilder, *Changes in the Prevalence and Incidence of Autism Spectrum Disorder Across Multiple Birth Cohorts in Utah, US.* Manuscript in preparation.

PRESENTATIONS

Poster

- Julia Hood, **Blessing S. Ofori-Atta**, Amanda V. Bakian, Deborah Bilder, *Changes in the Prevalence and Incidence of Autism Spectrum Disorder Across Multiple Birth Cohorts in Utah, US.* Poster presented at International Society of Autism research (INSAR). Stockholm, Sweden, June 2023

- Abraham Atsiwo, **Blessing S. Ofori-Atta**, Emily Dobbs, Jaucelyn Canfield, *Seed Dormancy of Ivesia Webberi A. Gray and its Significance on Regeneration using Statistical Modeling*. Poster presented at Statistical Computing Poster Presentation Workshop, University of Nevada, Reno, NV, December 2019

Oral/Project presentations

- **Blessing S. Ofori-Atta**, David Kweku, *Prediction of Insurance Risk Rating of An Automobile on its Features*. University of Nevada, Reno, NV, May 2021
- **Blessing S. Ofori-Atta**, Justin Minott, *Recovery from Drought in Ponderosa/Pinyon-Juniper Ecotones*. Oral presentation at Statistical Consulting, Adel Mathematics and Statistics, Northern Arizona University, Flagstaff, AZ, April 2019

PROFESSIONAL CERTIFICATES

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| Certificate in Effective College Instruction
<i>Association of College and University Educators (ACUE)</i> | April 2021 |
| Certificate in Data-driven Decision Making
PricewaterhouseCoopers (<i>PWC</i>) | June 2020 |

PROFESSIONAL ASSOCIATIONS

- **Member**, *American Statistical Association*
- **Student Member**, *Society of Actuaries (SOA)*
- **Member**, *International Association of Black Actuaries*

COMPUTER, STATISTICAL, AND BUSINESS INTELLIGENCE SKILLS

- Programming/Script Languages: R, Python, SAS, SQL
- Reproducible Research/Publishing: LaTeX, R Markdown, Microsoft office tools
- Others: Tableau

ACTUARIAL EXAMS

- Society of Actuaries Exams: Probability (July 2018), Financial Mathematics (December 2018)
- Validation of Educational Experience: Applied Statistical Methods, Economics, Corporate Finance

AWARDS

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| • Ben & Beatrice Edwards Scholarship, University of Nevada, Reno | August 2020 – May 2021 |
| • Graduate Scholarship Award, University of Nevada, Reno
August 2019 – May 2021 | |
| • Graduate Scholarship Award, Northern Arizona University | August 2017 – May 2019 |

TEACHING

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| Teaching Assistant , University of Nevada, Reno <ul style="list-style-type: none"> • MATH 126: Precalculus I • MATH 127: Precalculus II • MATH 181: Calculus I | Instructor , Northern Arizona University <ul style="list-style-type: none"> • STAT 270: Applied Statistics • MAT 108: Algebra for Precalculus • MAT 125: Precalculus Mathematics |
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VOLUNTEER SERVICE

- Utah Food Bank Volunteer with the Department of Population Health Sciences, University of Utah – Sorted food donations, assembled food boxes, repackaged bulk food into family-sized amounts for distribution (August 2023).
- Northern Arizona University International Student Orientation Volunteer – Guided international students through their initial transitions and provided informative and engaging campus tours (August 2017).
- Orphanage Volunteer – Assumed recreational and care-taking responsibilities for children aged 3-18, ensuring their well-being and engagement. Collaborated closely with house mothers and fellow volunteers to maintain the smooth operation of the weekly activities (November 2010).