MICHAEL J. ARMAH

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EDUCATION

NORTHWESTERN UNIVERSITY- Evanston, Illinois   September 2022-Present
PhD Candidate in the Department of Statistics and Data Science
- **Advisors:** Dr. Elizabeth Tipton and Dr. Larry Hedges
- **Areas of Emphasis:** Meta Analysis, Machine Learning, Applied Research

UNIVERSITY OF NORTH CAROLINA- Chapel Hill, North Carolina   August 2017-May 2021
Double Major: B.S. Statistics and Analytics, B.A. Economics
Minor: Neuroscience
- **Areas of Emphasis:** Financial Analysis, Data Analytics, Statistical and Scientific Modelling
- **Honors:** Dean's List (Fall 2018-Spring 2021)

LONDON SCHOOOL OF ECONOMICS- London, England   June 2019-July 2019
Study Abroad program
- Studied Econometrics and Economic Development
- Received specialized training in Stata

WORK EXPERIENCE

NORTHWESTERN UNIVERSITY- Evanston, IL   September 2023-Present
Teaching Assistant
- **Courses instructed**: Regression Analysis (STAT 350); Data Science with R sequence (STAT 301-1,2,3); Intro to Probability and Statistics (STAT 210)
- Deliver instruction in the form of office hours and discussion sessions and grade for 100+ students

RANDOMIZED CONTROL TRIALS (RCT) SUMMER INSTITUTE- Evanston, IL   Summers of 2023 and 2024
Consultant
- Provide researchers attending the annual workshop an introduction to the design, conduct, analysis and interpretation of large efficacy and effectiveness trials for the Institute of Education Sciences at Northwestern University
- Consult groups of interdisciplinary researchers on how to properly implement randomized trials, write a mock research proposal, and present their project to the NCER Commissioner, ultimately receiving a certificate of completion

WELLS FARGO- Charlotte, NC   July 2021-August 2022
Enterprise Risk Associate – Independent Testing and Validation
- Reviewed and tested models in order to identify potential risks and/or gaps through statistical and non-statistical random sample analysis for various lines of business and report findings to management
- Participated in and provided consulting for internal stakeholders, lines of business, enterprise groups, and risk partners
- Resolved compliance matters; supplied strategic support to risk and control teams in execution of initiatives

WELLS FARGO- Charlotte, NC   July 2020-August 2020
Enterprise Risk and Development Program – Market and Counter Party Risk
- Support Market and Counterparty Risk on projects and initiatives; worked with other Enterprise Risk groups and partners
- Executed strategic priorities, identified risks through trending analysis and reported findings to stakeholders

LEADERSHIP AND COMMUNITY INVOLVEMENT

STATISTICS FOR EVIDENCE-BASED POLICY AND PRACTICE (STEPP) CENTER- Evanston, IL
- Collaborate with Dr. Larry Hedges, Dr. Elizabeth Tipton and other statisticians to provide educational services, consultations, and share data analysis techniques primarily directed towards the advancement of policy research
- Adopt and provide support for research projects stemming both from members and non-members of the STEPP Center

BLACK GRADUATE STUDENT ASSOCIATION (BGSA) TREASURER- Evanston, IL
- Serving for 2+ years on the executive board and managing an annual budget of $25,000+
- Organize events collaborate with other organizations to foster community for 150+ students across 9+ graduate schools

SKILLS AND INTERESTS

- Technical Skills: R, Python, Stata, SAS, JavaScript, Excel
- Interests: PAWS Chicago, STEM Academy Basketball, UNC Club Handball, Theatre, Traveling, Carolina Cars Club