

Morgan Wood

CONTACT INFORMATION

North Carolina Wesleyan University
School of Business & Professional Studies
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RESEARCH INTERESTS

Business Analytics & Data Quality; Forecasting; Decision Making under Uncertainty;
Stochastic Modeling & Analysis

EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC
Ph.D. in Statistics and Operations Research (STOR) May 2025
Master of Science in Statistics and Data Analytics May 2024
Dissertation Title: “Data-driven Population Tracking and Arrival Forecasting in Service Systems”
Research Mentors: Fernando Bernstein (Duke University Fuqua School of Business)
Bora Keskin (Duke University Fuqua School of Business)
Adam Mersereau (UNC Kenan-Flagler Business School)
Serhan Ziya (UNC STOR Department)

East Carolina University, Greenville, NC
Master of Arts in Mathematics, Concentration in Statistics, GPA: 4.0 May 2020
Bachelor of Science in Mathematics, GPA: 4.0, summa cum laude May 2018

WORK EXPERIENCE

School of Business & Professional Studies, North Carolina Wesleyan University, Rocky Mount, NC
Assistant Professor of Business & Data Science August 2025 - present

SUBMITTED TO REFEREED JOURNALS

“Data-driven Population Tracking in Large Service Systems”
with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S.
Selected for presentation at the 2024 MSOM Service Management SIG
Under minor revision for *Management Science*

“Structural Forecasting of Customer Arrivals for Scheduled Services”
with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S.
Revised and resubmitted to *Manufacturing & Service Operations Management*

AWARDS

Walter L. Deemer Excellence in Teaching Award, UNC Chapel Hill December 2023
Award given to students or faculty who have done consistently excellent work in supporting the department’s teaching mission

Amazon SCOT/INFORMS Scholarship October 2023

Bonder Scholar for the INFORMS Doctoral Student Colloquium October 2023

Cambanis-Hoeffding-Nicholson Award, UNC Chapel Hill December 2021
Award given for outstanding performance in first-year graduate courses and comprehensive written exams

Spaniolo Gift Award, UNC Chapel Hill August 2021

Awards and Scholarships from East Carolina University
– Eron-Vittitow Scholarship May 2018 & May 2019

	<ul style="list-style-type: none"> – Ji and Li Family Scholarship – Outstanding Senior Award – Graduate Scholar Award – Pignani Archer Award – STEM Merit Scholarship 	<p>May 2017 & May 2019</p> <p>May 2018</p> <p>May 2018</p> <p>May 2018</p> <p>May 2016</p>
TEACHING EXPERIENCE	<p>Instructor of Record, NC Wesleyan University</p> <ul style="list-style-type: none"> – BUS 630: Information Technology for Decision-Makers (MBA program) – CIS 360: Data Visualization – MAT 213: Elementary Statistics – COL 150: Using Data in Business <p>Instructor of Record, UNC Chapel Hill</p> <ul style="list-style-type: none"> – STOR 215: Introduction to Decision Sciences – STOR 155: Introduction to Data Models and Inference <p>Instructor of Labs and Recitations, UNC Chapel Hill</p> <ul style="list-style-type: none"> – STOR 320 Lab Sessions: Introduction to Data Science – STOR 315 Recitation Sessions: Discrete Mathematics for Data Science <p>Teaching Assistant, UNC Chapel Hill</p> <ul style="list-style-type: none"> – STOR 642: Stochastic Modeling II – STOR 415: Stochastic Modeling <p>Instructor of Record, East Carolina University</p> <ul style="list-style-type: none"> – MATH 1065 College Algebra – MATH 0001: Remedial Mathematics 	<p>Spring 2026</p> <p>Spring 2026</p> <p>Fall 2025 & Spring 2026</p> <p>Fall 2025</p> <p>Fall 2022</p> <p>2022-2023 (multiple terms)</p> <p>Fall 2024</p> <p>Fall 2023</p> <p>Spring 2024</p> <p>Fall 2020 - Fall 2021</p> <p>Spring 2020</p> <p>Spring 2019</p>
PROFESSIONAL SERVICE	<p>Referee Work</p> <ul style="list-style-type: none"> – Ad-hoc reviewer, <i>Operations Research</i> – Track reviewer, Service Operations Track, MSOM 2025 Conference <p>Statistical Consulting</p> <p>Free statistical consulting in conjunction with the course STOR 765: Statistical Consulting</p> <ul style="list-style-type: none"> – “Determining Core Words for Mandarin-Speaking Children” – “Teeth Asymmetry after MARPE” <p>Conference Organization</p> <ul style="list-style-type: none"> – STORFest organization student committee member, UNC Chapel Hill – Liaison between East Carolina University and conference organizers for UNC System Math Pathways conference <p>Mentoring & Retention</p> <ul style="list-style-type: none"> – Member of graduate student committee for mentoring new and prospective Ph.D. students of UNC STOR department 	<p>November 2025 - present</p> <p>February 2025</p> <p>November 2023</p> <p>April 2024</p> <p>September 2023</p> <p>September 2019</p> <p>March 2023 - May 2025</p>
SELECTED PRESENTATIONS	<p>“Making Sense of Messy Data: Tracking and Forecasting Airport Passengers”</p> <ul style="list-style-type: none"> – UNC Chapel Hill’s Data Science Day, Chapel Hill, NC <p>“Data-Driven Population Tracking in Large Service Systems”</p> <ul style="list-style-type: none"> – Kellogg School of Management’s OM Rookiepalooza, Evanston, IL – INFORMS Annual Meeting, Seattle, WA – Revenue Management and Pricing Conference, Los Angeles, CA 	<p>September 2025</p> <p>October 2024</p> <p>October 2024</p> <p>July 2024</p>

- MSOM Conference Service Management SIG, Minneapolis, MN June 2024
- INFORMS Annual Meeting, Phoenix, AZ October 2023
- Poster presentation, STORFest, Chapel Hill, NC September 2023
- MSOM Conference, Montreal, Quebec June 2023
- Production and Operations Management Society Annual Conference, Orlando, FL May 2023

“Structural Forecasting of Customer Arrivals for Scheduled Services”

- INFORMS Annual Meeting, Seattle, WA October 2024
- MSOM Conference, Minneapolis, MN July 2024

“Evaluating the Short- and Long-term Effects of Prognostic Factors on Allograft Failure Following Kidney Transplantation: Potential Implications for Donor and Recipient Selection”

- East Carolina University, Greenville, NC May 2020