

# Morgan Wood

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CONTACT INFORMATION	Hanes Hall B46 University of North Carolina Chapel Hill, NC 27599	<i>Phone:</i> (252) 452-8428 <i>Email:</i> smithmor@email.unc.edu <i>Website:</i> <a href="https://morganmwood.github.io/about/">https://morganmwood.github.io/about/</a>
RESEARCH INTERESTS	Stochastic Modeling & Analysis, Service Operations Parametric Learning, Decision Making under Uncertainty, Revenue Management, Forecasting	
EDUCATION	<b>University of North Carolina at Chapel Hill</b> , Chapel Hill, NC Ph.D. in Statistics and Operations Research (STOR) Expected May 2025 Master of Science in Statistics and Data Analytics May 2024 <i>Dissertation Title:</i> “Data-driven Population Tracking and Arrival Forecasting in Service Systems” <i>Research Mentors:</i> 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)	
	<b>East Carolina University</b> , 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	
SUBMITTED TO REFEREED JOURNALS	<b>“Data-driven Population Tracking in Large Service Systems”</b> with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S. Selected for presentation at the 2024 MSOM Service Management SIG Under revision for <i>Management Science</i>	
WORKS IN PROGRESS	<b>“Structural Forecasting of Customer Arrivals for Scheduled Services”</b> with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S.	
AWARDS	<b>Walter L. Deemer Excellence in Teaching Award</b> , UNC Chapel Hill December 2023 Award given to students or faculty who have done consistently excellent work in supporting the department’s teaching mission  <b>Amazon SCOT/INFORMS Scholarship</b> October 2023  <b>Bonder Scholar for the INFORMS Doctoral Student Colloquium</b> October 2023  <b>Cambanis-Hoeffding-Nicholson Award</b> , UNC Chapel Hill December 2021 Award given for outstanding performance in first-year graduate courses and comprehensive written exams  <b>Spaniolo Gift Award</b> , UNC Chapel Hill August 2021  <b>Awards and Scholarships from East Carolina University</b> – Eron-Vittitow Scholarship May 2018 & May 2019 – Ji and Li Family Scholarship May 2017 & May 2019 – Outstanding Senior Award May 2018 – Graduate Scholar Award May 2018 – Pignani Archer Award May 2018 – STEM Merit Scholarship May 2016	

TEACHING  
EXPERIENCE

- Instructor of Record**, UNC Chapel Hill
- STOR 215: Introduction to Decision Sciences Fall 2022
  - STOR 155: Introduction to Data Models and Inference Spring, Summer 2022, & Spring 2023
- Instructor of Labs and Recitations**, UNC Chapel Hill
- STOR 320 Lab Sessions: Introduction to Data Science Fall 2024
  - STOR 315 Recitation Sessions: Discrete Mathematics for Data Science Fall 2023
- Teaching Assistant**, UNC Chapel Hill
- STOR 642: Stochastic Modeling II Spring 2024
  - STOR 415: Stochastic Modeling Fall 2020 - Fall 2021
- Instructor of Record**, East Carolina University
- MATH 1065 College Algebra Spring 2020
  - MATH 0001: Remedial Mathematics Spring 2019

PROFESSIONAL  
SERVICE

- Statistical Consulting**
- Free statistical consulting in conjunction with the course STOR 765: Statistical Consulting
- “Determining Core Words for Mandarin-Speaking Children” November 2023
  - “Teeth Asymmetry after MARPE” April 2024
- Conference Organization**
- STORFest organization student committee member, UNC Chapel Hill September 2023
  - Liaison between East Carolina University and conference organizers for UNC System Math Pathways conference September 2019
- Mentoring & Retention**
- Member of graduate student committee for mentoring new and prospective Ph.D. students of UNC STOR department March 2023 - present

SELECTED  
PRESENTATIONS

- “Data-Driven Population Tracking in Large Service Systems”**
- INFORMS Annual Meeting, Seattle, WA October 2024
  - Revenue Management and Pricing Conference, Los Angeles, CA July 2024
  - 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