

## Morgan Wood

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CONTACT INFORMATION	Hanes Hall B46 University of North Carolina Chapel Hill, NC 27514	<i>Phone:</i> (252) 452-8428 <i>Email:</i> smithmor@email.unc.edu <i>Website:</i> <a href="https://smithmor.github.io/my_website/">https://smithmor.github.io/my_website/</a>
RESEARCH INTERESTS	Parametric Learning, Decision Making Under Uncertainty, Revenue Management, Stochastic Modeling	
EDUCATION	<b>University of North Carolina at Chapel Hill</b> , Chapel Hill, NC Ph.D. in Statistics and Operations Research (STOR), Anticipated Graduation: May 2025 Master of Science in Statistics and Data Analytics, May 2024 Dissertation title: “Data-driven Population Tracking and Arrival Forecasting in Large Service Systems” Co-advisors: Serhan Ziya (STOR) & Adam Mersereau (Kenan Flagler School of Business)  <b>East Carolina University</b> , Greenville, NC Master of Arts in Mathematics, Concentration in Statistics, May 2020, GPA: 4.0 Bachelor of Science in Mathematics, May 2018, GPA: 4.0, summa cum laude	
SUBMITTED TO REFEREED JOURNALS	“Data-driven Population Tracking in Large Service Systems” with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S. Under Review in <i>Management Science</i>	
WORKS IN PROGRESS	“Structural Forecasting of Customer Arrivals to Scheduled Services” with Bernstein, F., Keskin, N. B., Mersereau, A. J., and Ziya, S.  “Pooling of Demand History Under Limited Past Observations” with Mersereau, A. J. and Ziya, S.	
AWARDS	Walter L. Deemer Excellence in Teaching Award, UNC Chapel Hill, December 2023 This award is awarded to students or faculty who have done consistently excellent work in supporting the department’s teaching mission.  Cambanis-Hoeffding-Nicholson Award, UNC, Chapel Hill, December 2021 This award is awarded for outstanding performance in first-year graduate courses and comprehensive written exams.  Spaniolo Gift Award, UNC Chapel Hill, August 2021, Awarded \$2,500  Eron-Vittitow Scholarship, East Carolina University, May 2018 & May 2019, Awarded \$500 in two consecutive years  Ji and Li Family Scholarship, East Carolina University, May 2017 & May 2019, Awarded \$750 & \$225  Outstanding Senior Award, East Carolina University, May 2018 This award is presented to the graduating Mathematics or Mathematics Education major chosen by the Department Awards Committee as the best overall Mathematics B. A. or B. S. major.  Graduate Scholar Award, East Carolina University, May 2018, Awarded \$8,000	

Pignani Archer Award, East Carolina University, May 2018, Awarded \$100

The recipient of this scholarship is the graduating Mathematics major with the highest overall grade point average since the last May graduation.

STEM Merit Scholarship, East Carolina University, May 2016, Awarded \$5,000

TEACHING  
EXPERIENCE

**Instructor of Record**, UNC Chapel Hill

STOR 320 Lab Sessions: Introduction to Data Science, Fall 2024

STOR 315 Recitation Sessions: Discrete Mathematics for Data Science, Fall 2023

STOR 215: Discrete Mathematics for Data Science, Fall 2022

STOR 155: Introduction to Data Models and Inference, Spring 2022, Summer 2022, & Spring 2023

**Teaching Assistant**, UNC Chapel Hill

STOR 642: Stochastic Modeling II, Spring 2024

STOR 415: Stochastic Modeling, Fall 2020, Spring 2021, Fall 2021

**Instructor of Record**, East Carolina University

MATH 1065 College Algebra, Spring 2020

MATH 0001: Remedial Mathematics, Spring 2019

PROFESSIONAL  
SERVICE

Developing consulting reports for clients while in the course STOR 765: Statistical Consulting

- “Determining Core Words for Mandarin-Speaking Children”, November 2023
- “Teeth Asymmetry after MARPE”, April 2024

Academic conference volunteering

- STORFest, Chapel Hill, North Carolina, September 2023
- UNC System Math Pathways Conference, Greenville, North Carolina, September 2019

Mentoring new and prospective Ph.D. students to the Statistics and Operations Research (STOR) department, March 2023 - current

SELECTED  
PRESENTATIONS

“Structural Forecasting of Customer Arrivals to Scheduled Services”

- Management Science and Operations Management (MSOM) Conference, Minneapolis, Minnesota, July 2024
- Revenue Management and Pricing (RMP) Conference, Los Angeles, California, July 2024
- INFORMS Annual Meeting, Seattle, Washington, Scheduled for October 2024

“Data-Driven Population Tracking in Large Service Systems”

- Management Science and Operations Management (MSOM) Conference, Service Management SIG, Minneapolis, Minnesota, June 2024
- INFORMS Annual Meeting, Phoenix, Arizona, October 2023
- Poster presentation, STORfest, Chapel Hill, North Carolina, September 2023
- Management Science and Operations Management (MSOM) Conference, Montreal, Quebec, June 2023
- Production and Operations Management Society (POMS) Annual Conference, Orlando, Florida, May 2023

“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 (virtual), May 2020