

## 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, Stochastic Modeling	
EDUCATION	<b>University of North Carolina at Chapel Hill</b> , 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 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, GPA: 4.0	May 2020
	Bachelor of Science in Mathematics, GPA: 4.0, summa cum laude	May 2018
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 This award is awarded to students or faculty who have done consistently excellent work in supporting the department’s teaching mission.  December 2023	
	Cambanis-Hoeffding-Nicholson Award, UNC, Chapel Hill This award is awarded for outstanding performance in first-year graduate courses and comprehensive written exams.  December 2021	
	Spaniolo Gift Award, UNC Chapel Hill Awarded \$2,500  August 2021	
	Eron-Vittitow Scholarship, East Carolina University, Awarded \$500 in two consecutive years	May 2018 & May 2019
	Ji and Li Family Scholarship, East Carolina University Awarded \$750 & \$225	May 2017 & May 2019
	Outstanding Senior Award, East Carolina University 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.	May 2018
	Graduate Scholar Award, East Carolina University Awarded \$8,000	May 2018

	Pignani Archer Award, East Carolina University	May 2018
	The recipient of this scholarship is the graduating Mathematics major with the highest overall grade point average since the last May graduation.	
	Awarded \$100	
	STEM Merit Scholarship, East Carolina University	May 2016
	Awarded \$5,000	
TEACHING EXPERIENCE	<b>Instructor of Record</b> , 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 - Spring 2023
	<b>Teaching Assistant</b> , UNC Chapel Hill	
	STOR 642: Stochastic Modeling II	Spring 2024
	STOR 415: Stochastic Modeling	Fall 2020 - Fall 2021
	<b>Instructor of Record</b> , 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 -
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	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