Dayton Steele

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EDUCATION

PhD, Operations   Expected Graduation 2022
Advisor: Saravanan Kesavan
University of North Carolina at Chapel Hill - Kenan-Flagler Business School
Dissertation: *"An Empirical Examination of Innovative Strategies in Retail"*

BS, Mathematical Economics, Summa Cum Laude   Graduated 2013
University of Richmond - School of Arts and Sciences

WORKING PAPERS

"Intertemporal Pricing with Resellers: An Empirical Study of Product Drops," with Saravanan Kesavan and Seyed Emadi. Available for download here.
Reject & Resubmit at *Management Science*

"Enhancing Local Fulfillment in Retail: A Structural Model of Fulfilling Demand Sensitive to Waiting," with Saravanan Kesavan. Available for download here.
(Analysis of new dataset in progress)

WORKS IN PROGRESS

"Incentivizing Recycling to Improve Sustainability: Evidence from a Randomized Field Experiment," with Atalay Atasu and Saravanan Kesavan
(Field experiments in progress)

"How Transparency to Black Box Models Impacts Manager Override Behavior: Explainable AI and Local Accuracy Use in Retail," with Saravanan Kesavan
(Field experiments in progress)

PUBLISHED PAPERS

"The Effect of Brexit on EU Voting Power" (2018), with Kathy Hoke
The UMAP Journal. Available for download here.

"A comparison of Carlet's second order nonlinearity bounds" (2017), with Sihem Mesnager, Gavin McGrew, James Davis, Katherine Marsten
International Journal of Computer Mathematics. Available for download here.

TEACHING

Instructor, UNC Chapel Hill
BUSI 410: Business Analytics   2020
Instructor Evaluation: 4.8/5.0 (Response Rate: 93%, from 26/28)
- Available for download here.
- *Recipient of 2021 Latané PhD Outstanding Teacher Award*

Teaching Assistant, UNC Chapel Hill
BUSI 403: Operations Management (Undergraduate Course)   2019
BUSI 410: Business Analytics (Undergraduate Course)   2020
MBA 703: Operations Management   2017-2020
MBA 705: Business Modeling: Prescriptive Analytics   2020-2021

	MBA 706: Data Analytics: Tools and Opportunities (Machine Learning)	2020

PRESENTATIONS "Intertemporal Pricing with Resellers: An Empirical Study of Product Drops"

• DSI Annual Conference (to be presented)	2021
• INFORMS Annual Conference (to be presented)	2021
• Revenue Management and Pricing Conference – *Spotlight Session* (Hosted by John Hopkins Carey Business School)	2021
• MSOM Annual Conference	2021
• POMS Annual Conference	2021
• INFORMS Annual Conference	2020

"How Transparency to Black Box Models Impacts Manager Override Behavior: Explainable AI and Local Accuracy Use in Retail"

• Consortium of Operational Excellence in Retail (Hosted by the Wharton School)	2021

ACADEMIC SERVICE

Session Moderator (7 sessions), Consortium of Operational Excellence in Retail (Hosted by the Wharton School)	2021
Session Moderator (4 sessions), Consortium of Operational Excellence in Retail (Hosted by Harvard Business School)	2020
Session Co-chair, INFORMS Annual Conference	2020
Ad-hoc Reviewer, *Management Science*	2020

DIVERSITY, EQUITY & INCLUSION

Completion of *Foundations of Diversity and Inclusion at Work*, Coursera – University of Virginia Darden School of Business	2021
Completion of *Leading for Equity, Diversity and Inclusion in Higher Education*, Coursera – University of Michigan	2021

PROFESSIONAL EXPERIENCE

Director of Data Analytics Monument Consulting, Richmond, VA	2013-2017

- Managed a team of three full-time Business Analysts
- Led client meetings involving data analysis
- Architected SQL data warehouse to streamline reporting across $500MM in client spend across 12 clients

SOFTWARE R, Python, Matlab, Stata, Mathematica, SQL, Excel/VBA

REFERENCES Prof. Saravanan Kesavan (Advisor), kesavans@kenan-flagler.unc.edu
Prof. Seyed Emadi (Co-author), Seyed_Emadi@kenan-flagler.unc.edu
Prof. Atalay Atasu (Co-author), atalay.atasu@insead.edu