

Dayton Steele

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| EDUCATION | <i>PhD, Operations</i> Advisor: Saravanan Kesavan University of North Carolina at Chapel Hill - Kenan-Flagler Business School Dissertation: “ <i>An Empirical Examination of New Innovative Processes in Retail</i> ” <i>BS, Mathematical Economics, Summa Cum Laude</i> University of Richmond - School of Arts and Sciences | Expected Graduation 2022 Graduated 2013 |
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| RESEARCH IN PROGRESS | “Intertemporal Pricing with Resellers: An Empirical Study of Product Drops,” with Saravanan Kesavan and Seyed Emadi. Available for download here . (<i>Under preparation for resubmission to Management Science</i>) | |
| | <ul style="list-style-type: none">Key methodology: structural estimation | |
| | “Local Fulfillment in E-Commerce: Structural Estimation of Fulfilling Demand Sensitive to Delivery Speed,” with Saravanan Kesavan (<i>Working paper, targeting Manufacturing & Service Operations Management</i>) | |
| | <ul style="list-style-type: none">Key methodology: structural estimation | |
| | “Incentivizing Recycling to Improve Sustainability: Evidence from Field Experiments,” with Atalay Atas and Saravanan Kesavan (<i>Field experiments in progress</i>) | |
| PUBLISHED PAPERS | <ul style="list-style-type: none">Key methodology: field experimentation | |
| | “How Transparency to Black Box Models Impacts Manager Override Behavior: Explainable AI in Retail,” with Saravanan Kesavan (<i>Field experiments in progress</i>) | |
| | <ul style="list-style-type: none">Key methodology: field experimentation | |
| | “The Effect of Brexit on EU Voting Power” (2018), with Kathy Hoke <i>The UMAP Journal</i> . Available for download here . | |
| | “A comparison of Carlet’s second order nonlinearity bounds” (2017), with Sihem Mesnager, Gavin McGrew, James Davis, Katherine Marsten <i>International Journal of Computer Mathematics</i> . Available for download here . | |
| TEACHING | <i>Instructor, UNC Chapel Hill (2021 Latané PhD Outstanding Teacher)</i> BUSI 410: Business Analytics Instructor Evaluation: 4.8/5.0 (Response Rate: 93%, from 26/28) | |
| | <ul style="list-style-type: none">Available for download here. | |
| | <i>Teaching Assistant, UNC Chapel Hill</i> BUSI 403: Operations Management (Undergraduate Course) BUSI 410: Business Analytics (Undergraduate Course) MBA 703: Operations Management MBA 705: Business Modeling: Prescriptive Analytics MBA 706: Data Analytics: Tools and Opportunities (Machine Learning) | |
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| PRESENTATIONS | “Intertemporal Pricing with Resellers: An Empirical Study of Product Drops” | |
| | • DSI Annual Conference | 2021 |
| | • INFORMS Annual Conference | 2021 |
| | • Workshop for Empirical Research in Operations Management (Hosted by the Wharton School) | 2021 |
| | • Revenue Management and Pricing Conference – <i>Spotlight Session</i> (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 in Retail” | |
| | • Consortium of Operational Excellence in Retail (Hosted by the Wharton School) | 2021 |
| ACADEMIC SERVICE | Ad-hoc Reviewer, <i>Management Science</i> and <i>M&SOM</i> | 2020-2021 |
| | 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 |
| DIVERSITY, EQUITY & INCLUSION | Completion of <i>Foundations of Diversity and Inclusion at Work</i> , Coursera – University of Virginia Darden School of Business | 2021 |
| | Completion of <i>Leading for Equity, Diversity and Inclusion in Higher Education</i> , Coursera – University of Michigan | 2021 |
| | DEI Liaison, UNC Kenan-Flagler Business School | 2021 |
| PROFESSIONAL EXPERIENCE | <i>Director of Data Analytics</i> | 2013-2017 |
| | Monument Consulting, Richmond, VA | |
| | • Managed a team of three full-time Business Analysts | |
| | • Led all client meetings involving data analysis | |
| | • Architected SQL data warehouse to streamline reporting across \$500MM in client spend across 12 clients | |
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| 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 Atasü (Co-author), atalay.atasu@insead.edu | |