

Clark Pixton

cpixton@byu.edu  
623 TNRB  
Brigham Young University  
Provo, UT 84602

---

<b>Academic Positions</b>	<b>Brigham Young University</b> <b>Marriott School of Business</b> Assistant Professor of Global Supply Chain	2018-Present
<b>Education</b>	<b>Massachusetts Institute of Technology</b> <b>Operations Research Center</b> PhD, Operations Research Thesis: <i>Operational Decisions and Learning for Multiproduct Retail</i> Thesis Advisor: Professor David Simchi-Levi	Graduated 2018
	<b>Brigham Young University</b> BS, Mathematics Minor in Music Research Advisor: Professor Robin Roundy	Graduated 2013
<b>Research Papers</b>	<i>Variance-Amplifiers and Variance-Reducers: Towards a Theory of Analytics in the Supply Chain</i> , working paper.  <i>Data-Driven Network Inventory and Sales Decisions for Online Retail</i> , with C. Siebenschuh and P. Y. Zhang, working paper.  <i>Online Sales under Incomplete Information: Risk, Quality, and Learning Dynamics</i> , with D. Simchi-Levi, working paper.  <i>Branch-and-Bound Algorithms for Assortment Optimization under Weakly Rational Choice</i> , with D. Simchi-Levi, working paper.  <i>A Statistical Learning Approach to Personalization in Revenue Management</i> , with x. Chen, Z. Owen, D. Simchi-Levi, working paper.  Pixton, C. and R. Roundy. <i>Stochastic Job Scheduling: Minimizing Weighted Tardiness with Proportional Weights</i> , working paper.	
<b>Teaching</b>	<b>BYU Marriott School of Business</b> GSCM 412: Operations Analytics (Supply Chain Undergrads) Developed course  GSCM 530: Operations Management (Masters of Accounting)  Bus M 361: Global Supply Chain and Operations (Undergrads)	Fall 2018  Fall 2018  Summer 2017
	<b>MIT Sloan School of Management</b> MIT, 15.S60: Computing in Optimization and Statistics (PhD) Jointly taught and developed with other PhD students	January 2015, 2017

	Online Math Review Course (MBA) Developed online course content, including instruction videos	Summer 2015
<b>Conference and Invited Talks</b>	<i>Risky Purchases and Increased Choice: A Dynamic Model of Information Sharing and Purchase Decisions for Online Retail</i> INFORMS Annual Conference, Phoenix, AZ	November 2018
	MSOM Conference, University of Texas at Dallas	July 2018
	<i>Branch-and-Bound Algorithms for Assortment Optimization with Substitutable Products</i> MSOM Conference, University of North Carolina, Chapel Hill	June 2017
	INFORMS Annual Conference, Nashville, TN	November 2016
	<i>Assortment Planning for Substitutable Products: Optimization and Insights</i> Marriott School of Management, Brigham Young University	April 2017
	<i>Personalized Assortment Planning with Finite Inventory and Demand Uncertainty</i> INFORMS Annual Conference, Philadelphia, PA	November 2015
	<i>A Statistical Learning Approach To Personalization In Revenue Management</i> Revenue Management and Pricing Conference, Columbia University	June 2015
	<i>Price Differentiation: A Machine Learning Approach.</i> MSOM Conference, University of Washington	June 2014
<b>Industry Experience</b>	Operations Consultant, PillPack, Inc. <ul style="list-style-type: none"> <li>• Modeling, optimization, and data analysis for automation and scheduling</li> <li>• Customer lifetime value analysis</li> </ul>	2015-2017
<b>Service</b>	Ad Hoc Reviewer for Management Science, European Journal of Operations Research	
	Seminar Organizer, Operations Research Center	January 2017
	Missionary, Church of Jesus Christ of Latter-day Saints Boston, Massachusetts	2008-2010
<b>Personal Interests</b>	Family, music (singing & listening), history & reading, outdoors, ballroom dancing	