

Clark Pixton

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Brigham Young University
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Academic Positions **Brigham Young University** 2018-Present
Marriott School of Business
Assistant Professor of Global Supply Chain

Education **Massachusetts Institute of Technology** Graduated 2018
Operations Research Center
PhD, Operations Research
Thesis: *Operational Decisions and Learning for Multiproduct Retail*
Thesis Advisor: Professor David Simchi-Levi

Brigham Young University Graduated 2013
BS, Mathematics
Minor in Music
Research Advisor: Professor Robin Roundy

Research Papers *A Statistical Learning Approach to Personalization in Revenue Management*, with x. Chen, Z. Owen, D. Simchi-Levi, submitted second round, Management Science.

Hospital Drug Distribution: Reducing Costs by Virtual Pooling of Inventory, with S. Sampson. Submitted to POMS 2020 Applied Research Challenge.

On Distributionally Robust Optimization with Hidden Variable Models, with P. Y. Zhang, working paper.

Variance-Amplifiers and Variance-Reducers: Towards a Theory of Analytics in the Supply Chain, working paper.

Data-Driven Network Inventory and Sales Decisions for Online Retail, with C. Siebenschuh and P. Y. Zhang, working paper.

Online Sales under Incomplete Information: Risk, Quality, and Learning Dynamics, with D. Simchi-Levi, working paper.

Branch-and-Bound Algorithms for Assortment Optimization under Weakly Rational Choice, with D. Simchi-Levi, working paper.

Pixton, C. and R. Roundy. *Stochastic Job Scheduling: Minimizing Weighted Tardiness with Proportional Weights*, working paper.

Teaching **BYU Marriott School of Business**
GSCM 412: Operations Analytics (Supply Chain Undergrads) Spring 2019
Developed course Fall 2018

GSCM 530: Operations Management (Masters of Accounting)	Fall 2018
Bus M 361: Global Supply Chain and Operations (Undergrads)	Summer 2017

MIT Sloan School of Management

MIT, 15.S60: Computing in Optimization and Statistics (PhD) Jointly taught and developed with other PhD students	January 2015, 2017
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Online Math Review Course (MBA) Developed online course content, including instruction videos. Still in use as of Summer 2019	Summer 2015
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Conference and Invited Talks	<i>When Nurses Walk: Optimized Drug Distribution Location in a Large Hospital</i>	
	POMS International Conference, Brighton, UK	September 2019
	<i>Variance Amplifying or Variance Damping? A Look at Analytics in the Supply Chain</i>	
	INFORMS Annual Conference, Seattle, WA	October 2019
	POMS International Conference, Brighton, UK	September 2019
	INFORMS Business Analytics Conference, Austin, TX	April 2019
	<i>Risky Purchases and Increased Choice: A Dynamic Model of Information Sharing and Purchase Decisions for Online Retail</i>	
	BYU Applied Math Seminar	February 2020
	POMS Conference, Washington, DC	May 2019
	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

Industry Experience	<p>Operations Consultant, PillPack, Inc.</p> <ul style="list-style-type: none"> Modeling, optimization, and data analysis for automation and scheduling Customer lifetime value analysis 	2015-2017
Service	<p>Ad Hoc Reviewer for Management Science, European Journal of Operations Research, INFORMS Journal on Computing</p> <p>Seminar Organizer, Operations Research Center</p> <p>Missionary, Church of Jesus Christ of Latter-day Saints Boston, Massachusetts</p>	<p>January 2017</p> <p>2008-2010</p>
Personal Interests	Family, music (singing & listening), history & reading, outdoors, ballroom dancing	