

YANG LI 李洋

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CONTACT INFORMATION

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ACADEMIC POSITIONS

Cheung Kong Graduate School of Business, Beijing, China
Associate Professor of Marketing, 2016 – Present
Assistant Professor of Marketing, 2012 – 2016

Department of Systems Engineering, Chinese University of Hong Kong
Visiting Professor, Jan 2016 – Jun 2016

EDUCATION BACKGROUND

Columbia University, New York, NY
Ph.D., Marketing, 2012
M.Phil., Marketing, 2012
M.S., Biomedical Engineering, 2007

Peking University, Beijing, China
B.S., Electronics Science, 2005

RESEARCH INTERESTS

Statistical Machine Learning, Bayesian Nonparametrics, Scalable Optimization, Online Recommender, Text Mining, Choice Modeling

PUBLICATIONS

“Modeling Dynamic Heterogeneity using Gaussian Processes,” Ryan Dew, Asim Ansari and Yang Li, *Journal of Marketing Research*, 2020, 57(1), 55-77
— Finalist, 2021 Paul E. Green Best Paper Award

“Probabilistic Topic Model for Hybrid Recommender Systems: A Stochastic Variational Bayesian Approach,” Asim Ansari, Yang Li and Jonathan Z. Zhang, *Marketing Science*, 2018, 37(6), 987-1008

“Big Data Analytics,” in *Handbook of Marketing Analytics: Methods and Applications in Marketing Management, Public Policy, and Litigation Support*, Eds. Natalie Mizik and Dominique M. Hanssens, Edward Elgar Publishing, 2018

“An Empirical Study of National vs. Local Pricing by Chain Stores under Competition,” Yang Li, Brett Gordon and Oded Netzer, *Marketing Science*, 2018, 37(5), 812-837

“A Bayesian Semiparametric Approach for Endogeneity and Heterogeneity in Choice Models,” Yang Li and Asim Ansari, *Management Science*, 2014, 60(5), 1161-1179

“Does Price Elasticity Vary with Economic Growth? A Cross-Category Analysis,” Brett Gordon, Avi Goldfarb and Yang Li, *Journal of Marketing Research*, 2013, 50(1), 4-23
— Lead Article

WORKING PAPERS	<p>“When Language Matters,” Yang Li, Grant Packard and Jonah Berger, 2022, under review (Nov. 2022)</p> <p>“Contextual Set-Based Music Recommendations using Interlocked Hypergraph Convolutional Neural Networks,” Khaled Boughanmi, Asim Ansari and Yang Li, 2022, under review</p> <p>“Fair Bandits,” Bob Rombach, Yang Li and Gui Liberali, 2022</p> <p>“Dynamic Triggering Effects for Online Contents: A Bayesian Nonparametric Approach,” Yang Li, Jinnan Huang and Jiapeng Liu, 2022</p> <p>“Stochastic Variational Bayesian Inference for Big Data Marketing Models,” Yang Li and Asim Ansari, 2019</p>
PUBLICATIONS IN ENGINEERING	<p>“Design of a Digital Optical Tomography System for Dynamic Breast Imaging,” Yang Li, Andres M. Bur, Christopher J. Fong, Molly L. Flexman, Rabah A. Abdi, Randall L. Barbour, and Andreas H. Hielscher, <i>Biomedical Optics</i>, Optical Society of America, 2008</p> <p>“The Design and Characterization of A Digital Optical Breast Cancer Imaging System,” Molly L. Flexman, Yang Li, Andres M. Bur, Christopher J. Fong, James M. Masciotti, Rabah A. Abdi, Randall L. Barbour, and Andreas H. Hielscher, <i>30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i>, 2008, 3735-3738</p> <p>“Dynamic Optical Tomographic Imager with Optimized Digital Lock-In Filtering,” Joseph M. Lasker, James M. Masciotti, Yang Li, Christopher J. Fong, and Andreas H. Hielscher, <i>Diffuse Optical Imaging of Tissue</i>, 6629, Proceedings of SPIE-OSA Biomedical Optics, 2007</p>
PATENTS	<p>“Systems and Methods for Dynamic Imaging of Tissue using Digital Optical Tomography,” US Patent No. 9,037,216B2 (issued May 19, 2015)</p>
AD-HOC REVIEWER	<p>Marketing Science Journal of Marketing Research Management Science Journal of the American Statistical Association Operations Research Quantitative Marketing and Economics Production and Operations Management Journal of Business & Economic Statistics Oxford Bulletin of Economics and Statistics</p>
INVITED PRESENTATIONS	<p>Marketing Science Conference, Online (Jun 2022) Indian School of Business, Online (Apr 2022) 19th ZEW Conference, University of Mannheim (Jun 2021) Hong Kong University of Technology and Science, Online (Jun 2021) Artificial Intelligence In Management Conference, USC Marshall (May 2021) City University of Hong Kong, Online (Mar 2021) Nanyang Technological University, Online (Mar 2021) University of British Columbia, Online (Oct 2020) Xi’an Jiaotong University, Online (Jul 2020) Marketing Science Conference, Online (Jun 2020) University of Michigan, Online (Feb 2020)</p>

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Tongji University (Jan 2020)
 Renmin University (Oct 2019)
 CMAU Annual Conference (Jul 2019)
 CMIC Annual Conference (Jul 2019)
 McGill University (May 2019)
 CMU Conference on Digital Marketing and Machine Learning, Pittsburgh (Dec 2018)
 Winter AMA Conference, New Orleans (Feb 2018)
 Peking University, China (Apr 2017)
 FORMS Conference, University of Texas Dallas (Mar 2017)
 University of Colorado, Boulder (Dec 2016)
 Big Data Marketing Analytics, University of Chicago (Sep 2016)
 Marketing Science Conference, Shanghai (Jun 2016)
 IDC, Israel (Nov 2015)
 Ben-Gurion University (Nov 2015)
 McGill University (Aug 2015)
 AMA ART Forum, San Diego (Jun 2015)
 University of Mannheim (Jun 2015)
 University of Wisconsin, Madison (May 2015)
 University of Texas, Dallas (Feb 2015)
 Big Data Marketing Analytics, University of Chicago (Oct 2014)
 Marketing Science Conference, Atlanta (Jun 2014)
 Fudan University, Shanghai (May 2014)
 London Business School (Feb 2014)
 Chinese University of Hong Kong (Jan 2014)
 Shanghai University of Finance and Economics (Nov 2013)
 Annual Conference of China Marketing Science (Aug 2012)
 INFORMS International Conference (Jun 2012)
 Marketing Science Conference, Boston (Jun 2012)
 London Business School (May 2012)
 University of Zurich (May 2012)
 Tsinghua University, China (Nov 2011)
 Saint Petersburg State University (Oct 2011)
 Wharton School, University of Pennsylvania (Oct 2011)
 Cheung Kong Graduate School of Business, New York (Oct 2011)
 University of Pittsburgh (Oct 2011)
 Peking University, China (Sep 2011)
 Singapore Management University (Sep 2011)
 Erasmus University Rotterdam (Sep 2011)
 Columbia University (Sep 2011)
 Marketing Science Conference, Cologne (Jun 2010)

TEACHING
EXPERIENCES

EMBA, CKGSB, 2016–present
 Marketing Management (Core)

DBA, CKGSB, 2020–present
 DTC Branding Gen-Z Marketing

Executive Education, CKGSB, 2013–present
 Marketing Management Internet Marketing Social Strategies

MBA, CKGSB, 2012–present

Marketing Management (Core) Marketing Research Statistics for Managers (New 2022)

CASES

“China Brands Group: Commercialization of an IP Branding Platform,” Yang Li and Yunhai Zhu (2018-8-1-392-1)

“Haier: Customer-Driven Digital Transformation,” Yang Li and Di Deng (2016-3-1-353-1)

PROGRAMMING
SKILLS

C, C++, Python, PyTorch, Pyro, Stan, Matlab, R, Mathematica, SAS, SQL, Stata, Assembly