Jesse Shore

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(this CV last updated July 16, 2020)

Academic positions and education

7/12-	Assistant Professor of Information Systems, Questrom School of Business, Boston University
7/11-7/12	Boston University School of Management Postdoctoral fellow Boston, MA
3/11-7/12	Lazer Lab, Northeastern University Postdoctoral fellow Boston MA
9/10-7/12	Harvard University Institute for Quantitative Social Science Affiliated postdoctoral fellow Cambridge MA
2010	PHD in Economic Development, MIT
	National Science Foundation Graduate Research Fellow
2004	MASTER OF URBAN PLANNING, Harvard University
1998	BA Bowdoin College, *summa cum laude*, with highest honors in music

Research

UNDER REVIEW

Shore, Jesse, Ethan Bernstein and Alice Jang "Network Centralization and Collective Adaptability to a Shifting Environment"
- Best Paper Award Runner-up at WISE 2019 (Workshop on Information Systems and Economics)

PUBLISHED ARTICLES

Baek, Jiye and Jesse Shore (forthcoming), "Forum size and content contribution per person: a field experiment" *Management Science*

Bernstein, Ethan, Jesse Shore, and David Lazer (2019), "Finding the Rhythm of your Collaboration" *Sloan Management Review*, Fall, 2019.
- Winner of the 2019 *MIT Sloan Management Review* Richard Beckhard Memorial Prize, for the most outstanding MIT SMR article on planned change and organizational development.

Bernstein, Ethan, Jesse Shore*, and David Lazer* (2018), "How intermittent breaks in interaction improve collective intelligence" *Proceedings of the National Academy of Sciences*, **115**:35, pp. 8734-8739. 8/28/2018 (*equal authorship)

Shore, Jesse, Jiye Baek and Chris Dellarocas, (2018) "Network Structure and Patterns of Information Diversity on Twitter" *MIS Quarterly*, **42**:3, pp. 849-872.

Shore, Jesse, Jiye Baek and Chris Dellarocas, (2018) "Twitter is not the echo chamber we think it is" *Sloan Management Review*, **60**(2), 15-17.

Shore, Jesse, (2016) "Market Formation as Transitive Closure: the evolving pattern of trade in music" *Network Science* **4**:2, pp. 164-187

Shore, Jesse, Ethan Bernstein, and David Lazer, (2015) "Facts and Figuring: An Experimental Investigation of Network Structure and Performance in Information and Solution Spaces" *Organization Science* (**26**:5, pp. 1432-1446)
  • Winner of INGRoup Best Conference Paper Award, 2014

Shore, Jesse and Benjamin Lubin, (2015) "Spectral goodness of fit for network models" *Social Networks* (**43**: October 2015, pp. 16-27)
  • accompanying R package `spectralGOF` at http://bit.ly/1Pi93cb
  • tutorial at http://bit.ly/1PL24qA

Shore, Jesse, Catherine Chu, and Matt T. Bianchi, (2013) "Power laws and fragility in flow networks" *Social Networks*, **35**:1, pp. 116-123

Shore, Jesse (2010) "Homogenization and Specialization Effects of International Trade: are cultural goods exceptional?" *World Development*, **38**:1 (January, 2010).

Shore, Jesse, M. Brandon Westover, and Matt T. Bianchi (2010) "Power-law versus exponential state transition dynamics." *PLoS ONE* **5**(12): e14204.

Current Projects

Jang, Alice and Jesse Shore "Man-Bites-Dog Contagion"

Shore, Jesse "Collective exploration in crowdsourcing competitions"

Conference Presentations

"Network centralization and collective adaptability to a shifting environment" Organization Science Special Issue Conference: Experiments in Organization Theory, online (May, 2020)
"Network centralization and collective intelligence: a randomized experiment" (Best Paper Runner-Up) Workshop on Information Systems and Economics, Munich, Germany (December, 2019)
"Network Centralization and Collective Intelligence " International Conference on Computational Social Science (IC2S2), Amsterdam, Netherlands (July, 2019)
"Forum size and content contribution per person: a field experiment" ACM Collective Intelligence, Pittsburgh, PA (June, 2019)
"How Intermittent Breaks in Interaction Improve Collective Intelligence " International Comference on Complex Systems: Crowdfunding and Collective Intelligence, Cambridge, MA (July, 2018)
"How Intermittent Breaks in Interaction Improve Collective Intelligence " ACM Collective Intelligence, Zurich, Switzerland (July, 2019)
"How Intermittent Breaks in Interaction Improve Collective Intelligence " Organization Science Winter Conference, Park City, Utah (March, 2018)
"Network structure and patterns of information diversity on Twitter." NBER Summer Institute, Economics of IT and Digitization, Cambridge, Massachusetts (July, 2017)
"Network structure and patterns of information diversity on Twitter." Collective Intelligence Conference, NYU Tandon School of Engineering, (June, 2017)
"The Effect of the Number of Users on Engagement Per Person: A MOOC Field Experiment." Organization Science Winter Conference, Park City, Utah (March, 2017)
"The effect of the number of users on engagement per person: a MOOC field experiment." Workshop on Information Systems and Economics, Dublin, Ireland (December, 2016)
"Network structure and patterns of information diversity on Twitter." INFORMS Conference on Information Systems and Technology, Nashville, TN (November, 2016)

"Taking the Crowd Out of Crowdsourcing: Networked Community in Innovation Tournaments." Collective Intelligence (June, 2016)

"Network structure and patterns of information diversity on Twitter." Statistical Challenges in E-Commerce Research, Naxos, Greece - Presented by C. Dellarocas (June, 2016)

"Taking the Crowd Out of Crowdsourcing: Networked Community in Innovation Tournaments." BC Digital Innovation Workshop (May, 2016)

"Network structure and success in innovation tournaments" Winter Conference on Business Intelligence, Snowbird, UT, (March 2016)

"Political Slant And Network Structure On Twitter," Winter Conference on Business Intelligence, Snowbird, UT, (March 2016)

"Political slant and network structure on Twitter." Workshop on Information in Networks, NYU Stern (October, 2015)

"Diversity of Discourse on Social Media: A Chain of Centrism" Academy of Management Conference, Vancouver, CA (August 2015)

"Homophily Allows Heterogeneity" Organization Science Winter Conference, (February 6, 2015).

"Diversity of information in the creation and transfer of knowledge" National Science Foundation Conference on Knowledge in Organizations, the Wharton School. (August 5, 2014).

"Alliance networks and technological dynamism." Organization Science Winter Conference, (February 7, 2014).

"Social influence and the creation of new markets for information goods: a dynamic network perspective." Workshop on Information in Networks, NYU Stern. (October 5, 2013).

"Alliance networks and technological dynamism." Strategic Management Society Annual Conference, Atlanta, GA. (September 28, 2013).

"Facts and Figuring: An Experimental Investigation of Network Structure and Performance in Information and Solution Spaces." Workshop on Information Systems and Economics, Bocconi University, Milan, Italy. (December 19, 2013).

"Combining experiments and simulations in the study of organizations "National Science Foundation Conference on Knowledge in Organizations, the Wharton School. (July 24, 2013).

"Exploration, exploitation and explication in networked learning." plenary panel presentation, Organization Science Winter Conference, Steamboat Springs, CO, February 2013

"Information network design via optimal graph spectra." Workshop on Information in Networks, NYU Stern, (August 30, 2012).

"Structural Holes and Information Overload," presented at Workshop on Information in Networks, NYU Stern School of Business, August, 2011

"The dynamics of degree distributions in flow networks: power laws without rich-get-richer algorithms" presented at Sunbelt International Social Networks Conference, San Diego, CA, 2009

"The economic consequences of importing music on developing recorded music industries," presented at Association of Collegiate Schools of Planning Conference, Crystal City, VA, 2009

"Does importing music help or hurt exporting by a domestic music industry? A longitudinal network analysis on the pattern of trade in music," presented at Sunbelt International Social Networks Conference, San Diego, CA, 2009

"How do music industries grow? Market concentration, common expectations, and increasing returns," presented at Joint Congress of Association of Collegiate Schools of Planning and Association of European Schools of Planning Conference, Chicago, IL, 2008

"What do cultural goods teach us about international trade policy?" Presented at Sunbelt International Social Networks Conference, St. Petersburg Beach, FL, 2008

"Homogenization and specialization effects in trade," presented at Association of Collegiate Schools of Planning Conference, Milwaukee, WI 2007

"Meaningful geographies: commuting networks as information networks," presented at Association of Collegiate Schools of Planning, Kansas City, MO 2005.

Academic Theses

Doctoral   *The effect of imports on export development: a network analytical view of international trade in music*
Undergrad. *New Systems of Pitch and Tonality, Based on the Acoustics of Theoretical Resonators*

Press and Industry Coverage

Press Coverage

5/26/2020	David Robinson "The benefits isolation can have on your work" *BBC Worklife*
Mar/Apr 2019	IdeaWatch "Intermittent Collaboration Helps Performance" *Harvard Business Review*
12/18/2019	Rebecca Knight "Motivating your team during crunchtime" *Harvard Business Review*
4/10/2019	Thibodeaux,Wanda "Why You Shouldn't Force Teams to Constantly Work Together, According to Science"*Inc.*
3/28/2019	Goldgrab, Sheila "How To Reach Better Collaborative Solutions In Less Time" *Forbes*
2/28/2019	Ludema, Jim and Amber Johnson "You've Been Brainstorming Wrong: Here Are 4 Ways To Get It Right" *Forbes*
12/14/2018	Hall, Tanya "Have a team that struggles with problem solving? This may be why." *Inc.*
12/10/2018	Gallegos, Ignacio "Para solucionar problemas engrupo, es mejor no interactuar siempre" *Diario Financiero (Chile)*
11/21/2018	de Haaff, Brian "Only 30 Percent of People Believe Their Teammates Are Committed to Quality Work – Here Is How to Fix That" *Inc.*
11/19/2018	Gaskell, Adi "Why Being 'Always On' Damages The Quality Of Your Work" *Forbes*
11/12/2018	Holland, Roberta " 'Always On' Isn't Always Best for Team Decision-Making" *Forbes/HBS Working Knowledge*
11/12/2018	N/A "Want to Improve Team Performance? Take a Break" *AACSB BizEd*
9/7/2018	Flatow, Ira "Work-life imbalance" *NPR Science Friday*
9/6/2018	**Bartleby "The pros and cons of collaboration" *The Economist***
8/28/2018	Burns, Will "Three Science-Backed Tricks To Improve Your Creativity" *Forbes*
8/26/2018	Yang, Gregory "New Study: Too Much Collaboration May Be Bad" *Poets and Quants*
8/19/2018	Ingrid, Luisa "O que e melhor: trabalhar sozinho ou em grupo?" *MSN (Brazil)*
8/15/2018	**Ducharme, Jamie "This Habit Will Make You Better At Your Job" *Time***
8/15/2018	**Rosen, Andy "Want to be a better colleague? Try logging off; Study: Being 'always on' could hurt productivity" *Boston Globe***
8/14/2018	Dennin, James "Work Should Be More Like a Hackathon and Less Like the #Random Slack Channel" *Inverse.com*
8/14/2018	**Blakely, Rhys "Put down that smartphone, it's making you stupid" *The Times (London)***
6/4/15	Weisul,Kimberly "Why Collaboration Is Useless for Problem Solving" *Inc.*
5/19/15	**Silverman, Rachel Emma "At Work: There's a Downside to Collaboration" *Wall Street Journal***

5/18/15	Silverman, Rachel Emma "How Companies Are Getting Collaboration Wrong" *Wall Street Journal*
5/7/15	Ehrenberg, Rachel "Working Together Doesn't Always Work" *Science News*
5/4/15	Nobel, Carmen "Need To Solve A Problem? Take A Break From Collaborating" *Forbes/HBS Working Knowledge*
7/4/14	**Lohr, Steve "Want to Brainstorm New Ideas? Then Limit Your Online Connections" *New York Times***

Industry Coverage

11/8/2018	Wolber, Andy "How to use G Suite to improve team performance via intermittent interaction" *TechRepublic*
9/28/2018	Daniel, Diann "What HR must know about team collaboration best practices (podcast)" *TechTarget*
8/17/2018	Nordqvist, Christian "Collaborate intermittently rather than all the time or never" *Market Busines News*
8/15/2018	Smith, Ernie, "Wanna improve creativity? Work together then alone" *Associations Now*
8/14/2018	Moss, Rob "Too much collaboration kills creativity" *Personnel Today*
5/29/15	Hoyle, Marni "To Cluster or Not to Cluster for Collaboration â⧠and the Importance of Space Design" *Sococo Blog*
5/12/15	Gaetano, Chris "Study: Sometimes Less Collaboration, Not More, Is What's Needed" *The Newspaper of the New York State Society of Certified Public Accountants*

Doctoral Students

- A. Jang, PhD Candidate in Information Systems (Committee Chair)
- J. Baek, PhD in Information Systems, 2018 (Committee Chair)
  - joined Hong Kong University of Science and Technology (HKUST) as Assistant Professor of Information Systems, 7/2018
- L. Wang, PhD in Organizational Behavior, 2018 (Committee Member)
  - joined University of Science and Technology of China as Assistant Professor of Organizational Behavior as of 7/2018

Courses taught

At Boston University Questrom School of Business
- BA840: Data Ethics: analytics in social context
  - Designed as new course for first cohort of Masters of Science in Business Analytics students, 2019-2020 academic year
- IS 223: Introduction to Information Systems (required of all undergraduates)
  - 2018 instructor rating 4.8, course rating 4.7 (highest among all 5 faculty teaching this course)
- IS 467: Networks and Data Communications
- IS 472: E-Commerce
- DS 915/916: PhD Proseminar
At MIT
- Economic Development and Policy Analysis (co-instructor with Alice Amsden)

Service

As a reviewer/editorial

Associate editor for 2020 International Conference on Information Systems, Social Media and Digital Collaborations track

Program committee for ACM Collective Intelligence conference, 2019-
Corporate Relations Chair for ACM Collective Intelligence conference, 2020

Nesta Collective Intelligence Grants Advisory group member, 2020-

Journals, Grants and conferences: *Science, Management Science, Organization Science, MIS Quarterly, Information Systems Research, Social Networks, Strategic Management Journal, Electronic Commerce Research, Decision Sciences, PLoS One, IEEE Software, IEEE Transactions on Games, National Science Foundation (Decision, Risk, and Management Sciences), Academy of Management Annual Meeting, International Conference on Information Systems, Journal of Engineering & Technology Management*

To Boston University

7/16 -7 /19	Undergraduate Program Development Committee (UGPDC) member
7/18 -	Member of UGPDC subcommittees on curriculum development and concentrations

Other Experience

8/09-3/11	Massachusetts General Hospital, Department of Neurology Research collaborator: statistical programming and analytical methods Boston MA
1/07-1/08	Institute for International Urban Development Research Assistant Cambridge MA
6/06-9/06	MIT Department of Urban Studies and Planning Research Assistant Cambridge MA
9/05-1/06	MIT Department of Urban Studies and Planning Teaching Assistant: Microeconomics and Planning Economics Cambridge MA
6/05-9/05	Public Interest Partnerships Geographic Information Systems Analyst Cambridge MA