

Last Updated October 2021

## JACQUELINE NG LANE

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### CURRENT APPOINTMENT

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2018-Present Post-Doctoral Fellow  
Harvard Business School, Laboratory for Innovation Science at Harvard

### EDUCATION

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2013-2018 Ph.D. in Management Science  
Department of Industrial Engineering & Management Sciences  
Northwestern University

2009-2011 M.B.A., *Deans Honors List*  
Columbia Business School, Executive Program  
Columbia University

2002-2006 B.S.E in Operations Research & Financial Engineering, *Magna Cum Laude*  
Certificate in Finance  
Certificate in Engineering Management Systems  
Princeton University

### RESEARCH INTERESTS

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Scientific and Technological Innovation, Open Innovation, Organizational Learning, Knowledge Sharing, Diversity, Social Networks, Field Experiments

### PUBLICATIONS

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1. **Lane, J.N.**,\* M. Teplitskiy\*, H. Ranu, G. Gray, E. Guinan, M. Menietti, & K. Lakhani. "Conservatism Gets Funded? The Role of Negative Information in Expert Evaluations For Novel Projects." *Management Science (Published in Articles in Advance, Business Strategy)*.
2. **Lane, J.N.**, I. Ganguli, P. Gaulé, E. Guinan, & K. Lakhani (2021). "Engineering Serendipity: When Does Knowledge Sharing Lead to Knowledge Production?" *Strategic Management Journal* 42(6), 1215-1244.
3. Askari O.\* , **J.N. Lane\***, F. Bullo, N. Friedkin, A. Singh, & B. Uzzi (2019). "Transitions Between Structurally Balanced and Unbalanced States and Risky Decision-Making in Social Networks." *Nature Communications*, 10(2648), 1-10.
4. Gomez-Zara, D., M. Paras, M. Twyman, **J.N. Lane**, L.A. DeChurch, & N.S. Contractor (2019). Who Would You Like to Work With?: Use of Individual Characteristics and Social Networks in Team Formation Systems. In *CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2019)*, May 4–9, 2019, Glasgow, Scotland UK. ACM, New York, NY, USA.
5. **Lane, J.N.**, B. Ankenman & S.M. Iravani (2018). "Insight into Gender Differences in STEM: Evidence from Peer Reviews in an Engineering Class." *Service Science*, 10(4), 442-456.

\* Denotes equal authorship

## MANUSCRIPTS UNDER REVISION AND REVIEW

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1. **Lane, J.N.**, K. Lakhani & R. Fernandez (*Preparing for major revision at Organization Science*). “Setting a Gendered Bar: Early Gender Bias and the Qualifications of Women Who Pursue Online Technological Skills Training Programs”.
2. **Lane, J.N.**, S. Lim & B. Uzzi (*Resubmitted to Management Science*). “Biased information transmission in investor social networks: Evidence from professional traders.”
3. Lifshitz-Assaf, H., & **J.N. Lane** (*Under second review at Brookings Institution*). “Dismantling the Ivory Tower’s Knowledge Boundaries: A Call for Open Access as the New Normal in the Social Sciences Post-COVID”.

## SELECT WORKING PAPERS

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1. P. Choudhury, **J.N. Lane**, & I. Bojinov. “A Field Experiment on Virtual Social Interactions and Performance of Remote Newcomers”. *Preparing for submission*.
  - a. Nominated for 2021 SMS Annual Conference Best Paper Prize
  - b. Invited for plenary session at 2021 Wharton People & Organizations Conference
  - c. Coverage on World Bank Development Impact Blogs by David McKenzie
  - d. Featured in *Harvard Business Review* Idea Watch and *NY Times*.
2. **J.N. Lane**, C. Ayoubi, K. Boudreau, E. Guinan, K.R. Lakhani. “Generating Innovation in the Lab: Experimental Evidence from the Life Sciences.” *Job market paper*.
3. Ehls, D., **J.N. Lane**, & K.R. Lakhani. “When Do Constraints Benefit Creativity? The Role of Problem Constraints on the Production of Creative Ideas.” *Working paper*.
4. Huber, L.R.\*, **J.N. Lane\***, & K.R. Lakhani. “Does Diversity Help Learning? Evidence from Online Business Courses.” *Working paper*.
5. **Lane, J.N.**, P. Leonardi, L. DeChurch, & N. Contractor. “What Makes Teams Work In the Digital Area? Digital Communication Technologies and Effective Teamwork.” *Working paper*.
  - a. 2017 Best Student Paper Award Finalist, OCIS Division, AOM
  - b. 2017 Best Paper Proceedings, AOM

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## AWARDS, GRANTS & HONORS

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### *Awards/Honors*

- TIM Dissertation Award Finalist, Academy of Management, 2019.
- INFORMS/Organization Science Dissertation Proposal Competition Finalist, INFORMS, 2017.
- Nominated for OB Doctoral Consortium, Academy of Management Annual Conference, 2017.
- OCIS Best Student Paper Award Finalist, Academy of Management Annual Conference, 2017.
- Best Paper Proceedings, Academy of Management Annual Conference, 2017.
- Northwestern University Fellowship in Leadership, 2016-2017.
- Department Outstanding Teaching Assistant Award, Northwestern University, 2015 & 2016.

- Department Award for Exceptional Leadership & Service in the Ph.D. Program, Northwestern University, 2015.
- AACSE International Society for Cost Management US Academic Scholarship Winner, 2015.
- AACSE International Society for Cost Management US Academic Scholarship Finalist, 2014.
- Olive Lynn Salembier Memorial Reentry Scholarship, Society of Women Engineers, 2014.
- Full Sponsorship to Columbia University Executive MBA Program, Morgan Stanley, 2009-2011.
- Morgan Stanley Accelerated Career Path Program, 2006-2012.
- Calvin Dodd MacCracken Senior Thesis Award, Princeton University, 2006.
- Tau Beta Pi National Engineering Honor Society, 2005.
- Sigma Xi Honor Society, 2005.

#### *Grants/Fellowships*

- NSF Science of Organizations Grant on The Next Normal for Teaming – Transitioning Out of COVID-19 (with Noshir Contractor, Leslie DeChurch, Michael Johnson, and Paul Leonardi), 2021. Award Amount: \$600,000.
- NSF RAPID Grant on COVID and Remote Teamwork (with Noshir Contractor, Leslie DeChurch, Michael Johnson, and Paul Leonardi), 2020. Awarded Amount: \$120,000.
- Northwestern University Office of the Provost Digital/Online Projects Grant for “Using Social Networks to Unlock Team Potential” (with Ned Smith & Esther Sackett), 2017-2018. Awarded amount: \$50,000.
- Northwestern University Office of the Provost Digital/Online Projects Grant for “Creating Your Dream Team: Using Teaming Technology to Form Effective Project Design Teams in STEM” (with Noshir Contractor, Leslie DeChurch, & Anup Sawant), 2016-2017. Awarded amount: \$50,000.
- Northwestern University Office of the Provost Digital/Online Projects Grant for “Fostering Effective Online Discussion in Higher Education with Nebula, a Graphical Interface for Discussion Boards” (with Noshir Contractor & Seyed Iravani), 2015-2016. Awarded amount: \$35,000.
- Walter P. Murphy Graduate Fellowship Recipient, Northwestern University, 2013-2014.

#### **CONFERENCES**

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- Co-organizer (with Ethan Poskanzer, MIT), AOM Symposium in Field Experiments on Social Networks and Entrepreneurship, Summer 2021. Virtual.
- Discussant, Open Innovation in Science Conference, Spring 2021. Virtual.
- Co-organizer, TIM Doctoral Research Development Workshop, Academy of Management Conference, Summer 2020. Virtual.

#### *Generating Innovation in the Lab: Experimental Evidence from the Life Sciences*

- American Economic Association Meetings, Scheduled Winter 2022. Virtual.
- IPI Seminar on Intellectual Property, Strategy/Economics of Innovation, and Entrepreneurial Finance, Scheduled Fall 2021. Virtual.
- NBER Productivity Lunch, Scheduled Fall 2021. Virtual
- INFORMS Annual Meeting, Fall 2021. Virtual.
- Northwestern Science of Networks in Communities (SONIC) Seminar, Fall 2021. Virtual.
- Economic Sociology Conference, Fall 2021. Virtual.

#### *When Do Constraints Benefit Creativity? The Role of Problem Constraints on the Production of Creative Ideas.*

- Strategic Management Society Annual Conference, Scheduled Fall 2021. Virtual.
- Academy of Management Annual Conference, Summer 2021. Virtual.\*
- EGOS Conference, *Sub-theme 31: Generating and Recognizing New Ideas: The Problematic Journey of Novelty*, Scheduled Summer 2021. Virtual.\*

#### *A Field Experiment on Virtual Social Interactions and Performance of Remote Interns*

- Wharton People & Organizations Conference, Scheduled Fall 2021. Virtual.\*

- Wharton Technology and Innovation Conference, Spring 2021. Virtual.\*
- SMS Conference, Scheduled Summer 2021. Virtual.\*

*Conservatism Gets Funded? The Role of Negative Information in Expert Evaluations For Novel Projects 2021* •  
Workshop on Field Experiments in Strategy, Innovation, and Entrepreneurship, Winter 2021. Virtual.

- Northeastern Collaborative Social Systems Lab, Winter 2021. Virtual.
- Rotman Strategic Management Group, Winter 2021. Virtual.\*
- Collaborative Social Systems Lab, Winter 2021. Virtual.
- CODE @ MIT, Fall 2020. Virtual.
- Economic Sociology Conference Poster Session, Fall 2020. Virtual.
- INSEAD Technology and Operations Management Seminar, Fall 2020. Virtual.\*
- USC Marshall Operations Management Seminar, Fall 2020. Virtual.\*

*Biased information transmission in investor social networks: Evidence from professional traders*

- ASSA Annual Meeting, Scheduled, Winter 2021. Virtual.\*
- Academy of Management Annual Conference, Summer 2020. Virtual.

*Engineering Serendipity: When Does Knowledge Sharing Lead to Knowledge Production?*

- Dana Farber Cancer Institute Radiation Oncology Research Showcase, Winter 2021. Virtual.
- Strategic Management Society Berkeley Conference (Cancelled due to Covid-19). • Northwestern Institution of Complex Systems, Fall 2019. Evanston IL.\*
- Academy of Management Conference, Summer 2019. Boston, MA.
- Organization Science Winter Conference (Poster session), Winter 2019. Phoenix, Arizona.

*When Do Peers Help Learning? Evidence from Online Business Skills Training Courses* •

Wharton People and Organizations Conference, Fall 2020. Virtual.

- RSM, Erasmus University Brownbag seminar, Fall 2020. Virtual.\*
- Max Planck Institute Research Seminar, Winter 2020. Munich, Germany.\*

*Setting a Gendered Bar: Early Gender Bias and the Qualifications of Women Who Pursue Online Technological Skills Training Programs*

- Wharton People & Organizations Conference, Scheduled Fall 2021. Virtual.
- EGOS Conference, *Subtheme 38: Inequality, Institutions, and Organizations*, Summer 2021. Virtual.
- HBS TOM Unit Brown Bag Seminar, Spring 2020. Virtual.
- MIT Economic Sociology Working Group, Winter 2020 and Summer 2020. Cambridge, MA.
- Northwestern Institute on Complex Systems Seminar, Winter 2020. Evanston, IL.
- HBS/Harvard Sociology Work, Organizations, and Markets Workshop, Winter 2020. Boston, MA.

*Transitions Between Structurally Balanced and Unbalanced States and Risky Decision-Making in Social Networks* •  
IC2S2 International Conference on Computation Social Science, Summer 2018. Evanston, IL.

*Social Media and their Affordances for Effective Teamwork*

- Academy of Management Conference, Summer 2017. Atlanta, Georgia.

\* presented by co-author

## **TEACHING EXPERIENCE**

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- Head Teaching Fellow for Introduction to Data Science, Harvard Business School MBA Course, Spring 2021.
- Tutorials on Social Network Analysis, Harvard Business Analytics Program, recurring since Summer 2019.

- Teaching Assistant for Strategy Implementation, Kellogg School of Management, Summer 2017.
- Teaching Assistant for Understanding & Leveraging Networks, Northwestern Masters Course in Communication, Spring 2017.
- Teaching Assistant for Social Network Analysis, Northwestern University, Spring 2016.
- Teaching Assistant for Design of Networks, Kellogg School of Management, Summer 2016, 2017.
- Teaching Assistant for Production Planning and Scheduling, Northwestern University, Winter 2015.
- Teaching Assistant for Service Operations Management, Northwestern University, Spring 2015.
- Teaching Assistant for Organizational Behavior, Northwestern University, Fall 2014, 2015.
- Teaching Assistant for Stochastic Models and Simulation, Northwestern University, Spring 2015.
- Teaching Assistant for Power Onboarding, Coursera, Fall 2014-Spring 2018.

## **SERVICE & MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

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- Editorial Review Board for *Organization Science* (2021-)
- Ad Hoc Reviewer for *Organization Science* (2017-2021), *Management Science* (2021-), *Network Science* (2018-), *Journal of Applied Psychology* (2021-), *AOM Annual Meetings* (2017-) and *SMS Annual Meetings* (2020-)
- Member of Strategic Management Society (2018-), Academy of Management (2017-) and INFORMS (2015-)

## **INDUSTRY EXPERIENCE**

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2012-2013      Microsoft Corporation  
Finance Manager, Customer Services & Support

2006-2012      Morgan Stanley  
Equity Research 2011-2012  
Sales and Trading 2006-2010