

JORGE A. GUZMAN

Curriculum Vitae

Updated: February, 2020

I. CONTACT INFORMATION

Address: Uris Hall, 711
Columbia University.
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II. ACADEMIC EMPLOYMENT

Columbia Business School – Columbia University <i>Assistant Professor. Management Division</i>	New York, NY 2018 – Present
National Bureau of Economic Research (NBER) <i>Postdoc at the NBER Entrepreneurship Working Group</i>	Cambridge, MA 2017 – 2018
MIT Sloan School of Management <i>Lecturer. Technological Innovation, Entrepreneurship and Strategic Management</i>	Cambridge, MA Spring 2017

Non-Employment Affiliations

MIT Innovation Initiative <i>Research Affiliate</i>	2017 – Present
Innovation Growth Lab <i>Research Affiliate</i>	2019 – Present

III. EDUCATION

MIT Sloan School of Management <i>PhD. Technological Innovation, Entrepreneurship and Strategic Management</i>	Cambridge, MA 2012 – 2017
MIT Sloan School of Management <i>Master of Business Administration (MBA)</i>	Cambridge, MA 2009 – 2011
Instituto Tecnológico y de Estudios Superiores de Monterrey, ITESM <i>B.S. Computer Engineering</i>	Monterrey, México 2002 - 2006

IV. ACADEMIC ARTICLES

(All co-authorships are listed alphabetical)

Published Refereed Articles

1. Guzman, Jorge and Scott Stern. 2015. “Where is Silicon Valley?” *Science*. 347(6222): 606-609. [link](#)
2. Guzman, Jorge and Aleksandra (Olenka) Kacperczyk. 2019. “Gender Gap in Entrepreneurship”. *Research Policy*. 48 (9): 1666-1680. [link](#)
3. Guzman, Jorge and Scott Stern. 2019. “The State of American Entrepreneurship? New Estimates of the Quantity and Quality of Entrepreneurship for 32 US States, 1988-2014”. *American Economic Journal: Economic Policy*. Forthcoming. [link](#)
4. Fazio, Cathy, Jorge Guzman and Scott Stern. 2019. “The Impact of State-Level R&D Tax Credits on the Quantity and Quality of Entrepreneurship”. NBER Working Paper #26099. *Economic Development Quarterly*. forthcoming [link](#)
5. Guzman, Jorge, Jean Oh and Ananya Sen. 2020. “What Motivates Innovative Entrepreneurs? Evidence from a Field Experiment.”. *Management Science*. Forthcoming [link](#)

Working Papers

Revise & Resubmit

6. Guzman, Jorge, and Aishen Li. 2019. “Measuring Founding Strategy”. Working Paper. *Revise & Resubmit at Management Science* [link](#)

Working Papers

7. Catalini, Christian, Jorge Guzman and Scott Stern. 2019. “Passive Versus Active Growth: Evidence from Founder Choices and Venture Capital Investment”. NBER Working Paper #26073. [link](#)
8. Guzman, Jorge. 2018. “Go West Young Firm: Agglomeration and Embeddedness in Startup Migrations to Silicon Valley” SSRN Working Paper # 3175328. [link](#)
9. Conti, Annamaria, and Jorge Guzman. 2019. “What is the U.S. Comparative Advantage in Entrepreneurship? Evidence from Israeli Migrations to the United States”. SSRN Working Paper #3376131 [link](#)
10. Guzman, Jorge, and Yupeng Liu. 2019. “Do Entrepreneurs Respond to Everyday Changes in Financing Cost?”. Working Paper. [link](#)
11. Guzman, Jorge. 2019. “Corporate Law and Entrepreneurship.” Early Draft.

Book Volumes and Policy Reports

12. Guzman, Jorge and Scott Stern. 2017. “Nowcasting and Placecasting Entrepreneurial Quality and Performance”. *Measuring Entrepreneurial Businesses: Current Knowledge and Challenges*. Eds. John Haltiwanger, Erik Hurst, Javier Miranda, and Antoinette Schoar. University of Chicago Press. 1st Edition. [link](#)
13. Fazio, Cathy, Jorge Guzman, Fiona Murray and Scott Stern. 2016. “A New View of the Skew: A Quantitative Assessment of the Quality of American Entrepreneurship”. MIT Innovation Initiative Laboratory for Innovation Science and Policy. Policy Report.

Case-Writing

1. Guzman, Jorge. 2019. "Where to now? BlazingDB Contemplates Relocation". *Columbia CaseWorks*.
2. Guzman, Jorge. 2019. "Kylie Cosmetics". *Columbia CaseWorks*.

V. TEACHING

2018—Present (*Columbia Business School*)

Strategy Formulation (Core) (Ratings out of 5.0: 4.8)

Entrepreneurial Strategy (New Elective) (Ratings out of 5.0: 4.3)

2017 (*MIT Sloan*)

Entrepreneurial Strategy

V. PROJECTS

Startup Cartography Project

<http://www.startupmaps.us>

This project leverages population-level business registration records and predictive analytics to form novel measures of entrepreneurial quantity, quality and performance at an arbitrary level of geographic and temporal granularity. The purpose of this website is to provide a public access interactive website, data repository, and research archive that makes this work accessible to researchers, public and private sector analysts, and the public. The website tools are designed to facilitate detailed visualization of entrepreneurial ecosystems (at multiple levels of visualization), track entrepreneurial dynamics over time, and provide data that might be applicable to a wide range of research and policy purposes.

VI. ACADEMIC SERVICE

Reviewer for Journals.

2019. Journal of Financial Economics, Industrial and Corporate Change, Organization Science (x3), Management Science (Entrepreneurship) (x2), Management Science (Organizations), Academy of Management, Nature – Human Behavior, Economic Letters, Administrative Science Quarterly.

2018. American Economic Review: Insights, Organization Science, Journal of Banking and Finance, Management Science (Entrepreneurship).

Pre 2018. Journal of Economic Geography, International Journal for Technology Management, Management Science (Strategy), Strategic Management Journal.

Reviewer for Conferences

Academy of Management (Technology & Innovation Management Division), Academy of Management (Entrepreneurship Division), Strategic Management Conference.

Reviewer for Funding Agencies.

National Science Foundation (Geography and Spatial Sciences Program), Washington Center for Equitable Growth, European Central Bank, European Commission (European Research Council).

Conference Organizing.

2020. World Entrepreneur Summit 2020. (Organasing Committee)

2018. 4th International Conference of the Dynamics of Entrepreneurship (CoDE / ZEW). (Scientific Committee)

4th International Conference on Computational Social Science (IC2S2) (Kellogg School of Management) (Program Committee)

VII. GRANTS, FELLOWSHIPS, AND AWARDS

- 2019. Dean's Award for Junior Faculty Who Contribute to Diversity \$25,000
- 2018. Kauffman Foundation Uncommon Methods and Metrics (with Scott Stern, Cathy Fazio, and RJ Andrews) \$500,000
- 2017. NBER Post-Doctoral Fellowship in Entrepreneurship
- 2016. Ewing Marion Kauffman Dissertation Fellowship
- 2015. Jean Hammond (1986) and Michael Krasner (1974) Entrepreneurship Fund and the Edward B. Roberts (1957) Entrepreneurship Fund (w. Scott Stern)
- 2014. Jean Hammond (1986) and Michael Krasner (1974) Entrepreneurship Fund and the Edward B. Roberts (1957) Entrepreneurship Fund (w. Scott Stern)
- 2013. Jean Hammond (1986) and Michael Krasner (1974) Entrepreneurship Fund and the Edward B. Roberts (1957) Entrepreneurship Fund
- 2011. MIT Legatum Center for International Development Fellows Program (2011)
- 2010. MIT Public Service Center Fellowship (2010)

VIII. ACADEMIC PRESENTATIONS

(Does *not* include co-author presentations)

- 2020. Tsinghua Conference on Innovation and Policy (Beijing, China)
- 2019. Kauffman Uncommon Methods and Metrics (Kansas City, KS), Columbia Strategy Crackle (New York, NY), Columbia Business School Management Seminar (New York, NY), Eastern Economic Association Conference (New York, NY), Fordham University Strategy Seminar (New York, NY), Columbia Data Science Day (x2) (New York, NY), NYU Workshop on Artificial Intelligence and Strategy (New York, NY), Darden Global Entrepreneurship and Innovation Research Conference (Rosslyn, VA), Kauffman Foundation Mayors Conference (Kansas City, KS), Wharton Conference on Migration, Organizations, and Management (Philadelphia, PA), Cornell Conference on Entrepreneurial Ecosystems (Ithaca, NY), NBER Summer Institute Entrepreneurship Meeting (Discussant) (Boston, MA), Academy of Management Conference (Boston, MA), European Association for Research in Industrial Economics – EARIE (Barcelona, Spain), Washington University at St. Louis, Strategy and Entrepreneurship Seminar (St. Louis, MO), Columbia Entrepreneurial Finance Conference (New York, NY), NBER Science of Science (Cambridge, MA), CODE@MIT (Cambridge, MA), Data Science Day (Columbia), QMSS student seminar (Columbia), George Washington University, International Business Seminar (Washington D.C.).
- 2018. University of Toronto, Strategy Group (Toronto, Canada), Wharton Management Division (Philadelphia, PA), Fuqua School of Management Strategy Group (Durham, NC), Kellogg School of Management Strategy Group (Evanston, IL), MIT Sloan Doctoral 2018 Research Symposium and Thesis Prize (Cambridge, MA), IFN Entrepreneurship and Innovation Conference (Stockholm, Sweden), Tuck Business School Junior Faculty Summer Camp (Hanover, NH), AOM Session – Machine Learning and Artificial Intelligence in Strategy Research (Chicago, IL), Upjohn Institute (Kalamazoo, MI), Columbia Management PhD Proseminar (New York, NY), Columbia Data Science Institute – Center for Financial and Business Analysis Poster Session (New York, NY).
- 2017. Startup Cartography Project-Feedback Session (Cambridge, MA), 10th Annual USPTO-Searle Center Conference on Innovation Economics (Chicago, IL), Universidad Torcuato DiTella (Buenos Aires, Argentina), FORUM/EXC (Buenos Aires, Argentina), MIT Sloan TIES (Cambridge, MA), Kauffman Entrepreneurship Scholars Conference (Kansas City, KS), MIT iEcosystem Symposium (Cambridge, MA). Think Big: Data Innovation in Latin America and the Caribbean (Mexico City, Mexico), Roundtable for Engineering Entrepreneurship Research (REER) (Atlanta, GA), Columbia Business School, Management Division (New York), NYU Stern, Management Division (New York), London Business School, Strategy and Entrepreneurship (London), Boston University Questrom, Strategy and Innovation Group (Cambridge, MA), Harvard Business School Entrepreneurship (Cambridge, MA), UCSD Innovation Technology and Operations (ITO) (San Diego, CA).
- 2016. MIT Sloan TIES Seminar (Cambridge, MA), MIT Sloan PhD Academic Defense (Cambridge, MA), Kauffman Emerging Scholars Conference (Kansas City, MO), Third International ZEW Conference on the Dynamics of Entrepreneurship (Mannheim, Germany), CCC Doctoral Conference (Milan, Italy), Measurement of Entrepreneurial Ecosystems to US Census, Secretary of Commerce, and CEA (White House, Washington, DC).

2015. MIT Innovation Initiative – Roundtable on Innovation Metrics (Fall, 2015. Cambridge, MA). West Coast Research Consortium (WCRS) (Seattle, WA)

2014. TIES PhD Reading Group (Spring, 2014; Winter, 2014) NBER/CRIW Conference on Measuring Entrepreneurial Businesses. (Winter, 2014. Washington, DC)

IX. OTHER PRESENTATIONS

2019. Invited Presenter at ‘Café con Leche’, a Hispanic mentoring event.

2018. Hispanic Business Association Conference, Keynote Speaker (New York, NY).

X. ASSOCIATIONS

Professional Interest Organizations: American Economic Association, American Finance Association, American Law and Economics Organization, Academy of Management, Strategic Management Society.

Minority-Based Organizations: The PhD Project Management Doctoral Student Association (Association for minority U.S. citizens in management doctoral programs), American Association of Hispanic Economists.

XI. OUTSIDE ACTIVITIES

Advisor, BlazingDB.

XII. NON-ACADEMIC EMPLOYMENT

Microsoft Corporation
Build Engineer / Software Developer

Redmond, WA
2007 – 2009

PriceStats
Director of Data Engineering (first employee)

Cambridge, MA
2011-2012