

# Pian Shu, Ph.D.

[www.pian-shu.com](http://www.pian-shu.com)

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## EDUCATION

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- Ph.D. in Economics, Massachusetts Institute of Technology 2007 – 2012  
Thesis Title: *“Essays on Innovation, Productivity, and Talent Allocation”*  
Thesis Advisors: David Autor, Daron Acemoglu, Scott Stern, and Lee Fleming
- B.A. (*Valedictorian*) in Mathematics and Mathematical Economics, Colgate University 2003 – 2007  
High Honors in both majors; *Summa Cum Laude*

## ACADEMIC POSITIONS

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- Visiting Assistant Professor in the Strategy and Innovation Department, Questrom School of Business, Boston University 2021 – 2022
- Assistant Professor of Strategy and Innovation, Scheller College of Business, Georgia Institute of Technology 2017 – 2021
- Visiting Scholar in the Technological Innovation, Entrepreneurship, and Strategic Management Unit, Sloan School of Management, Massachusetts Institute of Technology 2016 – 2017
- Assistant Professor of Business Administration, Technology and Operations Management Unit, Harvard Business School 2012 – 2017

## TEACHING EXPERIENCE

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- “Competition, Innovation, and Strategy,” professional evening MBA core curriculum at Questrom School of Business, Boston University 2021 – 2022
- “Foundations of Strategy,” undergraduate core curriculum at Scheller College of Business, Georgia Institute of Technology 2017 – 2019
- “Field Immersion Experiences for Leadership Development II,” first-year MBA required curriculum at Harvard Business School 2014 – 2016
- “Technology and Operations Management,” first-year MBA required curriculum at Harvard Business School 2012 – 2015

## ACADEMIC WRITING BY TOPIC

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### *Entrepreneurship*

"Entrepreneurial Uncertainty and Expert Evaluation: An Empirical Analysis," with Erin Scott and Roman Lubynsky. *Management Science*, 66.3 (2020): 1278-1299.

"Gender Gap in High-Growth Ventures: Evidence from a University Venture Mentoring Program," with Erin Scott. *American Economic Review Papers and Proceedings* 107(5) (May 2017): 308-11

### *Innovation*

"Foreign Competition and Domestic Innovation: Evidence from U.S. Patents," with David Autor, David Dorn, Gordon Hanson, and Gary Pisano. *American Economic Review: Insights*, 2.3 (2020): 357-74

"The Impact of Trade Liberalization on Firm Productivity and Innovation," with Claudia Steinwender. *Innovation Policy and the Economy, Volume 19* (University of Chicago Press, 2018): 39-68

"Innovating in Science and Engineering or 'Cashing in' on Wall Street? Evidence on Elite STEM Talent." Harvard Business School Working Paper No. 16-067, November 2016

"The Long-Term Impact of Business Cycles on Innovation: Evidence from the Massachusetts Institute of Technology." Working Paper, July 2012

### *Productivity*

"Competition and Social Identity in the Workplace: Evidence from a Chinese Textile Firm," with Takao Kato. *Journal of Economic Behavior & Organization* 131 (2016): 37-50

"Asset Accumulation and Labor Force Participation of Disability Insurance Applicants." *Journal of Public Economics* 129 (2015): 26-40

## FELLOWSHIPS AND HONORS

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NBER Entrepreneurship Research Grant	2015
Berol Corporation Fellowship, Harvard Business School	2013
NBER Innovation Policy Research Grant	2013
Ewing Marion Kauffman Dissertation Fellowship	2011
George and Obie Shultz Fund Grants, MIT	2010
Castle Krob Graduate Fellowship, MIT	2007 – 2009
Marshall-Keynes Award for Excellence in Economics, Colgate University	2007
Osborne Prize in Mathematics, Colgate University	2007
Class of 1997 Award, Colgate University	2007
Phi Beta Kappa ( <i>elected as a junior</i> )	2006

## INVITED PRESENTATIONS

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ASSA Annual Meeting (discussant); NBER Summer Institute Entrepreneurship Meeting (discussant);	2019 – 2020
Carnegie Mellon University Strategy, Entrepreneurship, and Technology Change Seminar; Colgate University; FTC Hearing on Competition and Consumer Protection in the 21st Century; Syracuse University Trade, Development, and Political Economy Workshop	2018 – 2019
Academy of International Business Annual Meeting; ASSA Annual Meeting; China Meeting of the Econometric Society; Darden-Cambridge Judge-HKU FBE Entrepreneurship and Innovation Conference; NBER Entrepreneurship Working Group Meeting (discussant); NBER Innovation Policy and the Economy Meeting; NBER Summer Institute Innovation Meeting; NBER Summer Institute Personnel Economics Meeting; Roundtable for Engineering Entrepreneurship Research Conference (discussant); Society for Economic Dynamics Annual Conference	2017 – 2018
Academy of Management Annual Meeting; ASSA Annual Meeting; Columbia Business School; Duke Center for Innovation Policy; Georgia Tech Scheller College of Business; MIT Sloan; NBER Productivity Lunch; Roundtable for Engineering Entrepreneurship Research Conference; Washington University in St. Louis Olin Business School, University of Michigan Ross School of Business	2016 – 2017
Entrepreneurial Finance and Innovation Conference at Brandeis University; Duke Strategy Conference; NBER Productivity Lunch; NBER Productivity, Innovation, and Entrepreneurship March Meeting; NSF Knowledge Conference; NYU Economics of Strategy Conference; University of Hong Kong Business School	2015 – 2016
Academy of Management Annual Meeting; Fudan University; NBER Productivity Lunch; NBER Summer Institute Innovation Meeting (poster session); Stanford Social Science and Technology Seminar; UC Berkeley Innovation Seminar; UCSD Economics	2014 – 2015
HBS Science Based Business Initiative Seminar; NBER Productivity, Innovation, and Entrepreneurship March Meeting; National University of Singapore Business School; Society of Labor Economists Annual Meeting	2013 – 2014
Canadian Conference on the Economics of Innovation and Entrepreneurship; NBER Summer Institute Innovation Meeting; International Industrial Organization Conference	2012 – 2013
Brandeis University; Case Western Reserve University Weatherhead School of Management; Harvard Business School; NBER Productivity Lunch; Ohio State University; Searle Center Conference on Innovation and Entrepreneurship; University of British Columbia Sauder School of Business; UC Berkeley Innovation Seminar; University of Illinois at Urbana-Champaign; University of Toronto Rotman School of Management	2011 – 2012

## PROFESSIONAL AND OTHER ACTIVITIES

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Referee for: *American Economic Journal: Applied Economics*; *American Economic Review*; *Economic Journal*; *European Economic Review*; *Journal of Economics & Management Strategy*; *Journal of International Economics*; *Journal of Labor Economics*; *Journal of Political Economy*; *Labour Economics*; *Management Science*; *Organization Science*; *Quarterly Journal of Economics*; *RAND Journal of Economics*; *Research Policy*; *Scandinavian Journal of Economics*; *Strategic Entrepreneurship Journal*

Co-Organizer: Workshop on Innovation in a Global Economy, Harvard Business School (2015, 2016)