

# MITSURU IGAMI

May 2019

Associate Professor, Yale Department of Economics, 37 Hillhouse Ave., New Haven, CT 06520-8269

E-mail: [mitsuru.igami@yale.edu](mailto:mitsuru.igami@yale.edu)

Web: <https://sites.google.com/view/igami>

---

## Research Fields

Industrial Organization, Economics of Innovation, International Trade

## Current Positions

|  |                    |
|--|--------------------|
| Associate Professor of Economics, Yale Department of Economics | July 2017–present  |
| Associate Editor, <i>Japanese Economic Review</i>              | Sept. 2015–present |

## Past Positions

|   |                     |
|---|---------------------|
| Visiting Associate Professor, MIT Department of Economics                     | July 2017–June 2018 |
| Assistant Professor of Economics, Yale Department of Economics                | July 2012–June 2017 |
| Visiting Assistant Professor, Stanford Institute for Economic Policy Research | July 2014–June 2015 |
| Teaching/Research Assistant, UCLA Anderson School of Management               | 2008–2011           |
| Teaching/Research Assistant, University of Tokyo                              | 2006–2007           |
| Intern, Multilateral Investment Fund, Inter-American Development Bank         | 2006                |
| Associate, Equity Research Division, Citigroup Salomon Smith Barney           | 2002–2004           |
| Researcher, Mitsubishi Research Institute                                     | 1999–2000           |

## Education

Ph.D., Global Economics and Management, UCLA Anderson School of Management, June 2012.

M.A., Economics, UCLA, June 2009.

M.A., Economics, University of Tokyo, March 2007.

B.A., Latin American Area Studies, University of Tokyo, March 2002.

## Publications

1. “Industry Dynamics of Offshoring: The Case of Hard Disk Drives,” February 2018, *American Economic Journal: Microeconomics*, 10 (1): 67–101.
2. “Estimating the Innovator’s Dilemma: Structural Analysis of Creative Destruction in the Hard Disk Drive Industry, 1981–1998,” June 2017, *Journal of Political Economy*, 125 (3): 798–847.
3. “Unobserved Heterogeneity in Dynamic Games: Cannibalization and Preemptive Entry of Hamburger Chains in Canada,” (with Nathan Yang), July 2016, *Quantitative Economics*, 7 (2): 483–521.

4. “Market Power in International Commodity Trade: the Case of Coffee,” June 2015, *Journal of Industrial Economics*, 63 (2): 225–248.
5. “Does Big Drive Out Small? Entry, Exit, and Differentiation in the Supermarket Industry,” January 2011, *Review of Industrial Organization*, 38 (1): 1–21.

### **Working Papers**

6. “Mergers, Innovation, and Entry-Exit Dynamics: Consolidation of the Hard Disk Drive Industry, 1996–2016,” (with Kosuke Uetake), January 2019, revised & re-submitted to *the Review of Economic Studies* (1<sup>st</sup> round).
7. “Privatization and Productivity in China,” (with Yuyu Chen, Masayuki Sawada, and Mo Xiao), May 2019.
8. “Measuring the Incentive to Collude: The Vitamin Cartels, 1990–1999” (with Takuo Sugaya), May 2019.
9. “Artificial Intelligence as Structural Estimation: Economic Interpretations of Deep Blue, Bonanza, and AlphaGo”, March 2018.
10. “Patent Statistics as an Innovation Indicator? Evidence from the Hard Disk Drive Industry” (with Jai Subrahmanyam), January 2019, forthcoming, *the Japanese Economic Review: Special Issue on the Asia-Pacific Industrial Organization Conference* (edited by Reiko Aoki and Luis Cabral).

### **Projects under Construction**

11. “Acquiring a String of Pearls” (with Yasin Özcan and Yasuaki Hiraoka)
12. “Moore’s Law”
13. “Age, Experience, and Artistic Creativity: The Case of *Weekly Jump*”

### **Awards**

|  |               |
|--|---------------|
| Miyazawa Kenichi Memorial Award 2018 for the Best IO papers,<br>Japan Fair Trade Institute   | November 2018 |
| Significant Contributions to Science & Technology Award 2016, National Institute of Science and<br>Technology Policy (Ministry of Education, Culture, Sports, Science and Technology), Japan | December 2016 |
| Excellence in Refereeing Award 2014, <i>American Economic Review</i>   | February 2015 |
| Dreze Award for the best paper by PhD student, UCLA Anderson   | June 2012     |
| Best Student Paper Award, the 11th Annual REER, Georgia Tech   | November 2011 |
| Dissertation Year Fellowship, UCLA   | 2011–2012     |

|                           |           |
|---------------------------|-----------|
| UCLA CIBER Research Grant | 2010–2012 |
| Nozawa Fellowship         | 2007–2011 |
| Ito Foundation Fellowship | 2007–2009 |

**Presentations** (\* scheduled)

- 2019 Econometric Society *2019 North American Winter Meeting*, NBER *Industrial Organization program* winter meeting, Jinan University's *Workshop on Firms in Emerging Economies* (Guangzhou, China),\* Academia Sinica (Taipei, Taiwan),\* Yonsei University,\* Korea University,\* Seoul National University,\* University of Vienna,\* HEC Lausanne,\* Econometric Society *European Meeting* (Manchester, UK),\* Indiana University,\* *Asia-Pacific Industrial Organization Conference* (Hitotsubashi University, Tokyo).\*
- 2018 Econometric Society *2018 North American Winter Meeting*, NBER *Industrial Organization program* meeting, Johns Hopkins, Pontifícia Universidade Católica do Rio de Janeiro (Brasil), Fundação Getúlio Vargas (Brasil), Joint MIT-Harvard IO seminar, *Conference on Structural Dynamics* at University of Copenhagen (Denmark), *Summer School on the Empirical Application of Dynamic Programming Models* at University of Copenhagen (Denmark), Directorate General for Competition at European Commission (Belgium), *Hal White Antitrust Conference* at Bates White, *Workshop on Data Science for Central Banks* at Bank of Canada, Osaka University, Hitotsubashi University, the *Japanese Economic Association* meeting, *NBER Conference on the Economics of Artificial Intelligence* at U Toronto, “Data, Society, and Inference” Seminar Series at Stanford GSB, Mannheim University’s Conference on Mergers in Frankfurt, CERGE-EI (Prague, Czech Republic).
- 2017 Keio, IIOC, Georgetown, Cornell, National Institute of Science and Technology Policy (Japan), Japan Fair Trade Commission, SWET at Otaru University of Commerce, *Conference on Implementation of Structural Dynamic Models: Methodology and Applications* at University College London, NYU Stern IO Day, *Conference on Structural IO* at Javeriana University (Bogota, Colombia), Penn State, Rochester Simon, U Penn/Wharton, Federal Trade Commission, Georgetown, Northwestern, *The Third Cambridge Area Economics and Computation Day* at Microsoft Research New England, University of Tokyo, University of Osaka.
- 2016 Dartmouth Tuck *Winter IO Conference*, NBER *Industrial Organization Winter Meeting* (poster session), U Tokyo, Michigan, Texas Austin, Boston College, *Searle Conference on Innovation Economics* at Northwestern University School of Law, *Stanford Institute for Theoretical Economics* (SITE) Workshop, *NBER Summer Institute Industrial Organization Workshop*, Tohoku University, *Summer Workshop on Economic Theory* (SWET) at Hokkaido University, *Asian Meeting of the Econometric Society* at Doshisha University in Kyoto, *AIEA-NBER Conference on Innovation and Entrepreneurship* at Tsinghua University, Maryland, U.S. Department of Justice, Bates White, Japan Fair Trade Commission, MIT.
- 2015 British Columbia, *Flows of Goods and Technologies in the Global Economy Conference* at U Chicago, UC Berkeley, IIOC, Stanford, CRES *Foundations of Business Strategy Conference* at Washington University in St. Louis, Society for Economic Dynamics (Warsaw, Poland), NBER

- Summer Institute *Productivity/Innovation Meeting*, *Conference on International Trade and FDI* at Hitotsubashi University, *Econometric Society World Congress* in Montreal, Purdue, U of Illinois Urbana-Champaign, Northwestern, *FTC Microeconomics Conference*, NBER Productivity Seminar, Northeastern, Yale.
- 2014 Wisconsin Madison, *Ghoshal Conference on Managerially Relevant Research* at London Business School, Searle Center *Conference on Innovation Economics* at Northwestern University School of Law, CIRPÉE *Conference on Industrial Organization* at HEC Montréal, Arizona, Carnegie Mellon & Pittsburgh, Federal Reserve Board of Governors, Stanford.
- 2013 Hitotsubashi, REER, Connecticut, Rochester Simon, MIT, LSE, Pennsylvania State, Toronto Rotman, *China India Insights Conference*, NYU Stern IO Day, Hitotsubashi, Waseda, Japan Productivity Center, U Tokyo IO Conference, Econometric Society, IIOC, AEA.
- 2012 Chicago Booth (Marketing), Princeton, Stanford GSB (Economics & Marketing), Wisconsin Madison, Columbia, Keio, *Kyoto Summer Workshop on Applied Economics*, NYU Stern, UC Berkeley Haas (BPP), Maryland, Notre Dame, Dartmouth Tuck, Yale (Dept & SOM Marketing), Harvard (Dept & HBS Strategy), UBC Sauder, Western Ontario Ivey.
- 2011 Roundtable for Engineering Entrepreneurship Research (REER), TADC, International Industrial Organization Conference (IIOC), FREIT EITI Conference.
- 2010 Trans-Atlantic Doctoral Conference (TADC), UC Berkeley (Agricultural & Resource Economics), FREIT Empirical Investigations in Trade and Investment (EITI) Conference.
- 2007 Japanese Economic Association Meeting.

### **Teaching**

Econ 256 “The Economics of Strategy” (undergraduate lecture on IO & econometrics)

Spring 2016, Spring 2017.

Econ 410 “The Economics of Innovation” (undergraduate lecture/seminar on IO & innovation)

Spring 2013, Spring 2014, Spring 2016, Spring 2017, Spring 2019.

Econ 429 “Data Analysis and Strategy” (undergraduate lecture on econometrics & IO)

Spring 2019.

Econ 600/601 “Industrial Organization” (2<sup>nd</sup>-year Ph.D sequence)

Spring 2013, Spring 2014, Fall 2015, Fall 2016, Fall 2018.

### **Referee Services**

American Economic Journal: Microeconomics, American Economic Review, Econometrica, European Economic Review, International Economic Review, International Journal of Industrial Organization, Japanese Economic Review, Journal of Agricultural Economics, Journal of Development Economics, Journal of Economics and Management Strategy, Journal of the European Economic Association, Journal of Industrial Economics, Journal of Political Economy, Journal of Product Innovation Management, Management Science, Marketing Science, Quantitative Economics, Quantitative Marketing and Economics, Quarterly Journal of Economics, RAND Journal of Economics, Research Policy, Review of Economic Studies, Review of Industrial Organization.

**Yale University Committee Services**

Course of Study Committee, Departmental Ph.D Admission Committee.

**Personal**

Language: English (fluent), Japanese (native speaker), Spanish (conversational).

Citizenship: Japan, U.S. Permanent Resident.