

# Curriculum Vitae Susumu Imai

## Address

Department of Economics  
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## Personal

Citizenship            Japan  
Date of Birth            August 7, 1963

## Biographical Information

### **Employment History**

April 2010-present	Associate Professor, Department of Economics, Queen's University
July 2006-April 2010	Assistant Professor, Department of Economics, Queen's University
July 2002-May 2006	Assistant Professor, Department of Economics, Concordia University
March. 1998-May 2002	Assistant Professor: Department of Economics, Pennsylvania State University
Aug. 1997-Feb. 1998	Lecturer: Department of Economics, Pennsylvania State University
Sept. 1996-July. 1997	Research Assistant for Professor Michael P. Keane, Department of Economics, University of Minnesota
Sept. 1995-Aug. 1996	Research Assistant for Professor Yuichi Kitamura, Department of Economics, University of Minnesota
Sept. 1990-Aug. 1995	Teaching Assistant, Department of Economics, University of Minnesota

### **Visiting Positions**

May 2004-July 2004	Visiting Researcher: Sophia University, Tokyo, Japan.
May 2003-July 2003	Visitor: Centre of Applied Microeconomics (CAM), University of Copenhagen
Feb. 2003	Temporary Visitor: International Monetary Fund.

### **Academic Background**

Feb. 1998	Ph.D. Economics, University of Minnesota
Mar. 1986	Bachelor of Arts, Economics, University of Tokyo

### **Honors and Awards**

1990-1991	Graduate Fellowship, Department of Economics, University of Minnesota
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### **Editorial Position**

July 2007-	Associate Editor: Journal of International Economics.
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### **Languages**

Japanese	fluent
English	fluent
German	somewhat fluent

### **Research**

#### **Refereed Publications**

“Bayesian Estimation of Dynamic Discrete Choice Models,” with Neelam Jain and Andrew Ching: QED Working Paper No. 1118, *Econometrica*, December 2009, Volume 77, Issue 6, Pages 1865-1899.

“Protection for Sale or Surge Protection?,” with Hajime Katayama and Kala Krishna: QED Working Paper, No. 1114, *European Economic Review*, August 2009, Volume 53, Issue 6, Pages 675-688.

Susumu Imai

“Is Protection Really for Sale? A Survey and Directions for Future Research,” with Hajime Katayama and Kala Krishna, QED Working Paper No. 1151, *International Review of Economics and Finance*, March 2009, Volume 18, Issue 2, pp. 181-191.

“The Inside Scoop: Acceptance and Rejection at the JIE,” with Ivan Cherkashin, Svetlana Demidova and Kala Krishna, QED Working Paper, No. 1166, *Journal of International Economics*, February 2009, vol. 77, Issue, 1, pp. 120-132.

“Evaluating journal performance using inside data”, with Ivan Cherkashin, Svetlana Demidova and Kala Krishna, *voxEU.org*, July 2008.

“Employment, Deterrence and Crime in a Dynamic Model,” with Kala Krishna, *International Economic Review*, August 2004 Volume 45, Issue No. 3, pp. 845-872.

“Intertemporal Labor Supply and Human Capital Accumulation,” with Michael P. Keane, *International Economic Review*, February 2004, Volume 45, Issue No. 2, pp. 601-641.

“Brand and Quantity Dynamics under Price Uncertainty,” with Tulin Erdem and Michael P. Keane, *Quantitative Marketing and Economics*, March 2003, Volume 1, Issue No. 1, pp. 5-64.

“The Benefits of Owner-Occupation in Neighborhoods,” with Edward Coulson, Seok-Joon Hwang, *Journal of Housing Research*, 2003, Volume 14, Issue No. 1, pp. 21-48.

“The Value of Owner-Occupation in Neighborhoods,” with Edward Coulson, Seok-Joon Hwang, *Journal of Housing Research*, 2003, Volume 13, Issue No. 2, pp. 153-174.

“Policy Evaluation in Labor Economics—The Structural Estimation Method and the Natural Experiment Approach,” with Toshihide Arimura, and Hajime Katayama: *The Monthly Journal of Japan Institute of Labor*, December 2001, No. 497, pp. 14-21.

### **Working Papers**

“A Quantile-based Test of Protection for Sale Model,” with Hajime Katayama and Kala Krishna, QED Working Paper No. 1132, revision requested at *Journal of International Economics*.

“A Practitioner’s Guide to Bayesian Estimation of Discrete Choice Dynamic Programming Models,” with Andrew Ching, Masakazu Ishihara and Neelam Jain, QED Working Paper No. 1201, revision requested at *Quantitative Marketing and Economics*.

“The Effect of Workfare Policy on Crime,” with Peter Fallesen, Lars Pico Geerdsen, and Torben Tranaes, QED Working Paper No. 1236.

### **Work in Progress**

Susumu Imai

“Bayesian Estimation of Dynamic Games of Incomplete Information,” with Christopher Ferrall, Jean Francois Houde and Maxwell Pak.

“Structural Modeling of Marketing Mix in the Motion Picture Industry,” with Andrew Ching, Masakazu Ishihara and Sridhar Moorthy.

“Language Ability and the Occupational Choice of Immigrants,” with Derek Stacey and Casey Warman.

“Structural Estimation of Political Economy Models of Trade,” with Kala Krishna and Matthew Webb.

### **Conference Presentations:**

Imai Susumu and Michael P. Keane: “Intertemporal Labor Supply and Human Capital Accumulation,” at

- Winter North American Econometric Society Annual Meetings at New York, NY, U.S.A., January 1999
- Cowles Foundation Conference on Strategy and Decision Making at Yale University, New Haven, CT, U.S.A., April, 2000
- Southern Economic Theory (SETY) Conference at Rice University, Houston, TX, U.S.A., October 2001.

Imai Susumu and Kala Krishna: “Employment, Deterrence and Crime in a Dynamic Model,” at

- Summer North American Econometric Society Annual Meetings at University of Wisconsin, Madison, WC, U.S.A., August 1999
- Winter North American Econometric Society Annual Meetings at Boston, MA, U.S.A., January 2000
- Annual Workshop on Numerically Intensive Economic Policy Analysis (NIEPA) at Queens’ University, Kingston, ON, Canada, May 2000
- Western Economic Association Annual Meetings at Vancouver, BC, Canada, July 2000
- Annual Workshop on Numerically Intensive Economic Policy Analysis (NIEPA) at Queens’ University, Kingston, ON, Canada, May 2001
- Labor Studies Workshop of the NBER Summer Institute at Boston, MA, U.S.A., August 2001
- PIER-IER Conference on Crime and Public Policy at University of Pennsylvania, Philadelphia, PA, U.S.A., April 2003
- Fourth International Public Economic Theory Conference at Duke University, Durham, NC, U.S.A., June 2003.

Susumu Imai, Neelam Jain and Andrew Ching: “Bayesian Estimation of Dynamic Discrete Choice Models” at

- The Bayesian Applications and Methods in Marketing Conference at Ohio State University, Columbus, U.S.A., November 2001
- Summer Meetings of the North American Econometric Society Meetings at University of California at Los Angeles, Los Angeles, CA, U.S.A., June 2002
- Meetings of the Canadian Econometrics Study Group at Hamilton, ON, Canada, October 2003
- Annual Workshop on Numerically Intensive Economic Policy Analysis (NIEPA) at Queens’ University at Kingston, ON, Canada, May 2004
- World Congress of the Econometric Society at London, U.K., August, 2005

Edem Tulin, Susumu Imai and Michael P. Keane: “Brand and Quantity Dynamics under Price Uncertainty,” at

- Winter Meetings of the North American Econometrics Society Meetings at Atlanta, GA, U.S.A., January 2002.

Imai Susumu, Hajime Katayama and Kala Krishna: “Protection for Sale or Surge Protection?” at

- Spring 2006 Midwest International Economic Conference, April 30, 2006 at Michigan State University, Lansing.
- 40<sup>th</sup> Annual Meetings of the Canadian Economics Association, May 29, 2006 at Concordia University.
- 61<sup>st</sup> European Meeting of the Econometric Society, August 25, 2006.

Imai Susumu, Hajime Katayama and Kala Krishna: “A Quantile Based Test of Protection for Sale Model” at

- Fall 2007 Midwest International Economic Conference, November 3, 2007 at University of Michigan, Ann-Arbor
- 2<sup>nd</sup> Annual Conference on Empirical International Trade, Wilfrid Laurier University, 2007
- NBER International Trade and Investment Program Meeting, Boston, March, 29, 2008
- European Research Workshop on International Trade (ERWIT), Appenzell, June 5, 2008
- North American Summer Meetings of the Econometric Society, University of Pittsburgh, June 22, 2008.
- Hitotsubashi COE Conference on International Trade and FDI, December 2009

Cherkashin Ivan, Svetlana Demidova, Susumu Imai and Kala Krishna “The Inside Scoop: Acceptance and Rejection at the JIE”

- 42<sup>nd</sup> Annual Meetings of the Canadian Economics Association, Vancouver, June 8, 2008

Ferrall Christopher, Jean Francois Houde, Susumu Imai and Maxwell Pak “Bayesian Estimation of Games of Incomplete Information”

- 1<sup>st</sup> ERID Conference on Identification Issues in Economics, Duke University, Oct. 4, 2008

Fallesen Peter, Lars Pico Geerdsen, Susumu Imai and Torben Tranaes: “The Effect of Workfare Policy on Crime”

- European Economic Association Annual Meetings, Glasgow, Aug. 23-26, 2010

### **Presentation in Seminars and Workshops**

Imai Susumu and Michael P. Keane: “Intertemporal Labor Supply and Human Capital Accumulation,” at

- Pennsylvania State University, U.S.A., February 1997
- Sophia University, Japan, June 1999

Imai Susumu and Kala Krishna: “Employment, Deterrence and Crime in a Dynamic Model,” at

- Population Research Institute, Pennsylvania State University, U.S.A., April 1999
- Yokohama National University, Japan, June 1999
- Rutgers University, U.S.A., October 2001
- Tulane University, U.S.A., January 2002
- University of Miami, U.S.A., February 2002
- Pompeu Fabra University, Spain, March 2002
- Colgate University, U.S.A., April 2002
- The Danish National Institute of Social Research, Denmark, August 2002
- Center for Applied Microeconometrics, University of Copenhagen, Denmark, May 2003
- Aarhus University, Denmark, July 2003
- Sophia University, Tokyo, Japan, May 2004
- Kansai Institute for Social and Economic Research, Japan, May 2004
- Tokyo University, Japan, June 2004.
- Tsukuba University, Japan, June 2004
- The Institute of Statistical Research, Japan, June 2004
- Tokyo Institute of Technology, Japan, July 2004

Edem Tulin, Susumu Imai and Michael P. Keane: “Brand and Quantity Dynamics under Price Uncertainty,” at

- NYU, U.S.A., March 2001
- Concordia University, Canada, January 2002

Imai Susumu, Neelam Jain and Andrew Ching: “Bayesian Estimation of Dynamic Discrete Choice Models” at

- Rice University, U.S.A., June 2001
- Federal Reserve Bank of Chicago, U.S.A., April 2002
- University of Western Ontario, Canada, October 2003
- Northern Illinois University, U.S.A., November 2003
- Tsukuba University, Japan, June 2004
- Tokyo Metropolitan University, Japan, June 2004
- Kobe University, Japan, July 2004
- University of Kansas, U.S.A., April 2005
- Queen’s University, Canada, January 2006
- University of Wisconsin, September, 2006

Imai Susumu, Hajime Katayama and Kala Krishna: “Motives of Repeat Offenders: Stigma, Skill and Heterogeneity.” at

- HEC Montreal, November 2004

Imai Susumu, Hajime Katayama and Kala Krishna: “Protection for Sale or Surge Protection?” at

- Federal Reserve Bank of Philadelphia, U.S.A., March 2006
- Princeton University, October 2006
- University of Quebec at Montreal, November, 2006
- Laval University, November 2006
- Dalhousie University, November, 2007

Imai Susumu, Hajime Katayama and Kala Krishna: “A Quantile Based Test of Protection for Sale Model” at

- University of Tokyo, June 2007
- IDE-JETRO, Tokyo, June, 2007
- Wilfrid Laurier University, October, 2007
- Northern Illinois University, February 2008
- Sophia University, July 2008
- University of Toronto, March 2009
- University of Sydney, July 2009

Ferrall Christopher, Jean-Francois Houde, Susumu Imai and Maxwell Pak: “Bayesian Estimation of Games with Incomplete Information” at

- University of Tokyo, July 2008
- Waseda University, July 2008
- University of Waterloo, October, 2008

Ching Andrew, Susumu Imai, Masakazu Ishihara and Neelam Jain: “A Practitioner’s Guide to Bayesian Estimation of Discrete Choice Dynamic Programming Models” at

- University of New South Wales, July 2009

Fallesen Peter, Lars Pico Geerdsen, Susumu Imai and Torben Tranaes: “The Effect of Workfare Policy on Crime” at

- Hitotsubashi University, December 2009

**Funding:**

Principal Investigator for SSHRC grant, 2010-2012, “Structural Estimation of Political Economy of Trade Models”, approved. Total: \$62,500.

Collaborator for SSHRC grant, 2008-2011, “Structural Modeling of Marketing Mix in the Motion Picture Industry. “ Principal Investigator: Andrew Ching, Co-PI: Sridhar Moorthy

Principal Applicant for SSHRC grant, 2005-2008: “Markov Chain Monte Carlo Estimation of Dynamic Structural Models”, approved. Total: \$43,492

Principal Applicant for Fonds de Recherche sur la Societe et la Culture (FQRSC) grant: 2004-2007, “Bayesian Estimation of Dynamic Structural Models”, approved. Total: \$22,880

Principal Applicant for Concordia University Aid to Scholarly Activity: “Empirical Analysis of Criminal Behavior,” 2003-2004. Total: \$6,000

Principal Applicant for Concordia University Aid to Scholarly Activity: “Estimation of Import Price Elasticity and Political Economy of Trade,” 2003-2004. Total: \$4,200

Principal Applicant for Concordia University Faculty Research Development Program (FRDP), 2002-2003 “Bayesian Estimation of Dynamic Structural Estimation,” Total: \$15,000

Co-Investigator of the 1999 IBM Shared University Research (SUR) Grant Program, other Co-Investigators: Robert Marshall, Barry Ickes, Mark Roberts, Eric Ghysels, Total: \$316,000

Co-Investigator of the Fannie Mae Grant: “The External Value of Homeownership and Neighborhoods”, other Co-Investigators: Edward Coulson, 2000-2002. Total: \$58,000

Co-Investigator of the Danish Social Science Research Council Grant: “Criminal Behavior and the Labor Market,” other Co-Investigators: Kala Krishna and Torben Tranaes, 2001-2004. Total: \$127,000



**Teaching**

Fall 2009

Econ 955: Advanced topics in Empirical Methods  
Econ 999: Ph.D. Thesis Seminar

Winter 2009

Econ 845: Industrial Organization I  
Econ 999: Ph.D Thesis Seminar

Fall 2008

Econ955: Advanced Topics in Empirical Methods  
Econ 999: Ph.D Thesis Seminar

Winter 2008

Econ 955: Advanced Topics in Empirical Methods

Fall 2007

Econ 845: Industrial Organization I  
Econ 351: Introductory Econometrics

Winter 2006

Econ 951: Advanced Topics in Empirical Methods  
Econ 351: Introductory Econometrics

Fall 2006

Econ 351: Introductory Econometrics.

Courses Taught at Concordia University:

Winter 2006:

Econ 695G: Seminar in Special Topic: Empirical Industrial Organization.

Fall 2005:

Econ 695H: Seminar in Special Topic: Empirical International Trade  
Econ 301: Intermediate Microeconomics

Winter 2005:

Econ 695H: Seminar in Special Topic: Empirical International Trade  
Econ 678: Labor Economics II

Fall 2004:

Econ695G: Seminar in Special Topic: Empirical Industrial Organization

Winter 2004:

Econ 695G: Seminar in Special Topic: Empirical Industrial Organization  
Econ 680: Econometric Theory 1

Fall 2003:

Econ 301: Intermediate Microeconomics 1  
Econ 680: Econometric Theory 1

Winter 2003:

Econ 678: Labor Economics II  
Econ 680: Econometric Theory 1

Fall 2002:

Econ 301: Intermediate Microeconomics 1

**Ph.D. Dissertation Supervision**

Pennsylvania State University:

Seok-Joon Hwang: completed, co-supervisor

Concordia University

James Yu: “The Estimation of the Life Cycle Home Production Function under Uncertainty,” completed, main supervisor

Queen’s University

Jean-Francoise Houde: Topic: Demand Estimation in Gasoline Retail Industry of Quebec, completed, co-supervisor

Natalia Mishagina:, completed, co-supervisor.

David Byrne, Kazuko Miyamotoon-going, co-supervisor

Ying Shang, Yi Chen: on-going, main supervisor.

### **Master’s Thesis Supervision**

Pennsylvania State University:

Completed:

Moon Sunung, Zhang Ruolin: completed.

Concordia University:

Completed:

Chen, Wangfeng, Guo, Tao, Du Xiaowen, Wang Lingyun, Wowchuk Michael, Huang Zhihong, Chen, Tong, Zhu, Zhenye, Li Meng Long, Yang, Jie, Lilia Charova, Wang Peng

Ph.D. Thesis Committee participation:

Pennsylvania State University: Jose R. Carvalho, Hajime Katayama, Boris Molls, Peter Vechnek

Queen’s University: Pamela Cardozo.

### **Service**

#### **Departmental Committee Participation at Concordia University:**

Fall 2002-Spring 2004	Departmental Hiring Committee Committee for the Ph.D. Econometrics Comprehensive Exam
Fall 2004-Spring 2005	Co-op committee
Fall 2005-Spring 2006	Departmental Hiring Committee

#### **Departmental Committee Participation at Queen’s University:**

Fall 2006- Winter 2010	Quant Workshop Organizer
Fall 2007- Winter 2008	Promotion and Tenure Committee

#### **Referee for Journals and Funding Agencies:**

American Economic Review  
Annals of Regional Science  
The Berkeley Electronic Press  
Canadian Journal of Economics  
Contemporary Economic Policy  
Econometric Reviews  
Economics of the Education Review  
Economic Inquiry  
Empirical Economics  
Environmental and Resource Economics  
European Research Council  
Hitotsubashi Journal of Economics  
International Economic Review  
The Journal of the American Statistical Association  
Journal of Applied Econometrics  
Journal of Business and Economic Statistics  
Journal of Econometrics  
Journal of Economic Inequality  
Journal of Forecasting  
Journal of International Economics  
Journal of Macroeconomics  
Journal of Marketing Research  
National Science Foundation  
North American Journal of Economics and Finance  
Real Estate Economics  
Review of Economic Dynamics  
Review of Economic Studies  
Review of International Economics  
Social Science and Humanities Research Council of Canada  
Southern Economic Journal