

# Maxwell T. Pak

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## Personal

Citizenship: U.S.  
Languages: English, Korean.

## Academic Position

Assistant Professor of Economics, Queen's University, July 2002 - Present.

## Education

Ph.D. in Economics, University of California, Berkeley, December 2002.  
M.A. in Statistics, University of California, Berkeley, December 2002.  
B.A. in Applied Mathematics, Harvard University, June 1993.

## Research

Publications:

- "Stochastic Stability and Time-Dependent Mutations," *Games and Economic Behavior*, Nov. 2008, 64(2), pp. 650-665.

Working Papers:

- "Decentralized Price Adjustment in 2 x 2 Replica Economies," October 2009.
- "Reinforcement Learning in Perfect-Information Games," July 2006 (revise and resubmit at *Mathematics of Operations Research*).

Works in Progress:

- "Bayesian Estimation of Games of Incomplete Information," with Christopher Ferral, Jean-Francois Houde, and Susumu Imai.
- "Cooperation with Random Matching," with James Bergin.
- "Reinforcement Learning in Two Player Simultaneous-Move Games."

## Teaching Experience

Undergraduate Game Theory.  
Undergraduate Mathematical Economics.  
Undergraduate Microeconomic Theory.  
Graduate Topics course in Game Theory.  
Graduate Topics course in Learning and Evolution.

## **Presentations**

International Conference on Computing in Economics and Finance, 2009  
Econometric Society Australasian Meeting, 2009  
University of Northern Illinois, 2009  
International Conference on Computing in Economics and Finance, 2007  
Canadian Economic Theory Conference, 2007  
McGill, 2006  
SUNY Buffalo, 2005

## **M.A. Supervision**

Pamela Higgins, Queen's University, 2007.  
Yu Shen, Queen's University, 2007.  
Peter Dalley, Queen's University, 2006.  
Ryan Webb, Queen's University, 2005.  
Annette Uetrecht, Queen's University, 2003.

## **Services**

Member, Undergraduate Studies Committee, 2004-09.  
Member, Ph.D. Comprehensive Examination in Microeconomics, 2003-07.  
Ph.D. Examiner for Mei Li (Economics, Queen's University), 2006.  
Ph.D. Examiner for Bryan Patterson (Economics, Queen's University), 2006.  
Ph.D. Examiner for David Millstein (Neuroscience, Queen's University), 2006.  
Ph.D. Examiner for Iulia Oana Secieru (Economics, Queen's University), 2003.  
Co-organizer, Microeconomics Workshop, 2003-06.  
Reader for M.A. Essays, 2003-08.  
Reader for Major Entrance Scholarship Selection Committee,  
Queen's University, 2003-09.  
Referee for International Journal of Game Theory.  
Referee for SSHRC Grant Application.  
Referee for Canada Foundation for Innovation

## **Professional Affiliation**

The Econometric Society

## **References**

Professor Chris Shannon,	Department of Economics, UC Berkeley
Professor James Bergin,	Department of Economics, Queen's University
Professor Susumu Imai,	Department of Economics, Queen's University