

Maxwell Pak

Research Institute of Economics and Management
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Academic Positions

Associate Professor, Southwestern Univ. of Finance and Economics, July 2010 - Present.
Assistant Professor, Queen's University, July 2002 – June 2010.

Education

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

Research

Publications:

- "Homophily, selection, and choice in segregation models" (with William A.V. Clark and Bing Xu). *Proceedings of National Academy of Science of the United States of America*. 121(7): 1-9 (2024).
- "房产预期回报率视角下的中国家庭资产配置" (with Yuting Wang, Bing Xu, and Naibao Zhao). *经济研究*, 2023 第一期.
- "Child-raising cost and fertility from a contest perspective" (with Bing Xu). *Public Choice*. 186:9-28 (2021).
- "Will the needs-based planning of health human resources currently undertaken in several countries lead to excess supply and inefficiency? Rejoinder" (with Kusalaya Basu). *Health Economics*. 26: 822-824 (2017).
- "Generalized Reinforcement Learning in Perfect-Information Games" (with Bing Xu). *International Journal of Game Theory*. 45:985-1011 (2016).
- "Will the needs-based planning of health human resources currently undertaken in several countries lead to excess supply and inefficiency?" (with Kusalaya Basu). *Health Economics*. 25: 101-110 (2016).
- "Gender Ratio under China's Two-Child Policy" (with Bing Xu). *Journal of Economic Behavior and Organization*. 119: 289-307 (2015).
- "Stochastic Stability and Time-Dependent Mutations" *Games and Economic Behavior*. 64:650-665 (2008).

Working Papers:

- "Decentralized Price Adjustment in 2x2 Replica Economies."

Work in Progress:

- "Evolution of education spending in a competitive environment" (with Bing Xu).

Teaching Experience

Undergraduate Intermediate Microeconomics
Undergraduate Advanced Microeconomic Theory.
Undergraduate Game Theory.
Undergraduate Mathematical Economics.
Undergraduate Introduction to Econometrics.
Graduate Microeconomic Theory.
Graduate Game Theory.
Graduate Topics course in Learning and Evolution.

Presentations

Workshop on Economic Science with Heterogeneous Interacting Agents, 2022
Henan University, 2019
Xi'an Jiatong University, 2019
Econometric Society Asia Meeting, 2018
Econometric Society China Meeting, 2018
British Society for Population Studies, 2015
NYU Shanghai, 2015
Southwestern University of Nationalities, 2014
Southwestern University of Nationalities, 2013
Chinese Economic Association, 2013
Shanghai University of Finance and Economics, 2012
International Conference on Computing in Economics and Finance, 2012
Shanghai University of Finance and Economics, 2011
Canadian Economic Theory Conference, 2010
University of Montreal, 2010
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 University, 2006
SUNY Buffalo, 2005

Ph.D. Supervision

Daichun Yi, Southwestern University of Finance and Economics, 2016.

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

Co-organizer, RIEM International Microeconomics Workshop, 2011-2012.
Member, Recruiting Committee, 2011-2022.
Member, Undergraduate Studies Committee, 2004-10.

Member, Ph.D. Comprehensive Examination in Microeconomics, 2003–2007.
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 Secrieru (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, 2003–2010.
Referee for Economic Inquiry, Games and Economic Behavior, Health Economics,
International Journal of Game Theory, Journal of Economic Behavior and
Organization, and Journal of Mathematical Economics.
Referee for SSHRC Grant Application, Canada Foundation for Innovation

Funding

Project member, China National Natural Science Foundation Grant #71874144, “Child-raising cost and population dynamics in a competitive environment.” (2019/01-2022/12). 480,000 RMB.

Principal investigator, SWUFE Central University Fund, “Application of evolutionary game theory on horizontal learning by consumers.” (2017/01-2018/12). 30,000 RMB.

Project member, China National Natural Science Foundation Grant #71403217, “Gender ratio and fertility policy in China.” (2015/01-2017/12). 200,000 RMB.

Professional Affiliation

American Economic Association
The Econometric Society