

# Wonki Jo Cho

Last updated: September 2019

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## Employment

Associate Professor of Economics, Korea University, 2019–present.

Assistant Professor of Economics, Korea University, 2017–2019.

Assistant Professor of Economics, Sogang University, 2015–2016.

Lecturer (Assistant Professor) in Economics, University of Manchester, 2013–2015.

## Education

Ph.D. in Economics, University of Rochester, USA, 2013.

Dissertation: *Essays in Microeconomic Theory* (advisor: William Thomson)

M.A. in Economics, University of Rochester, USA, 2010.

M.A. in Economics, Korea University, South Korea, 2008.

B.A. in Economics, Korea University, South Korea, 2006.

Exchange Student, University of New South Wales, Australia, Spring 2005.

## Research Interests

Microeconomic theory, mechanism design, game theory

## Research

### Published Papers

11. "Group identification with (incomplete) preferences", with Alejandro Saporiti, forthcoming, *Journal of Public Economic Theory*.
10. "Fractional group identification", with Chang Woo Park, 2018, *Journal of Mathematical Economics*, 77, 66-75.
9. "Fairness in group identification", 2018, *Mathematical Social Sciences*, 94, 35-40.
8. "Probabilistic assignment: an extension approach", 2018, *Social Choice and Welfare*, 51, 137-162; previously circulated as "Probabilistic assignment: a two-fold axiomatic approach".

7. "Stability and the immediate acceptance rule when school priorities are weak", with Battal Doğan, 2017, *International Journal of Game Theory*, 46, 991-1014.
6. "Multinary group identification", with Biung-Ghi Ju, 2017, *Theoretical Economics*, 12, 513-531.
5. "When is the probabilistic serial assignment uniquely efficient and envy-free?", 2016, *Journal of Mathematical Economics*, 66, 4-25.
4. "Equivalence of efficiency notions for ordinal assignment problems", with Battal Doğan, 2016, *Economics Letters*, 146, 8-12.
3. "Preference revelation games in school choice when students are naïve or strategic", 2016, *Journal of Economic Theory and Econometrics*, 27, 96-108.
2. "Incentive properties for ordinal mechanisms", 2016, *Games and Economic Behavior*, 95, 168-177.
1. "Impossibility results for parametrized notions of efficiency and strategy-proofness in exchange economies", 2014, *Games and Economic Behavior*, 86, 26-39.

## Working Papers

- "On the extension of the uniform rule to more than one commodity: existence and maximality results", 2018, with William Thomson.
- "Collusion neutrality on networks", 2016, with Biung-Ghi Ju.
- "Identifying groups in a Boolean algebra", 2014, with Biung-Ghi Ju.
- "Strategy-proofness in private good economies with linear preferences: an impossibility result", 2012, with William Thomson.
- "On the extension of preferences over objects to preferences over lotteries", 2012.

## Work in Progress

- "Probabilistic public choice: a two-fold axiomatic approach"

## Teaching Experience

Korea University

- 2019: Economics of Strategy and Information (UG), Mathematics for Economists (UG), Microeconomics (UG), Microeconomic Theory I (G)
- 2018: Economics of Strategy and Information (UG), Microeconomic Theory I & II (G)
- 2017: Mathematics for Economists (UG), Microeconomics (UG), Microeconomic Theory I (G)

Sogang University

2016: Mathematical Methods for Economists (UG), Mathematical Economics (UG),  
Advanced Microeconomics (G)

2015: Mathematical Methods for Economists (UG), Mathematical Economics (UG)

University of Manchester

2014-2015: Managerial Economics I (UG), Pre-session Mathematics (G),  
Mathematical Economics: Games and Information (G)

2013-2014: Managerial Economics I (UG), Microeconomics IIB (UG)

## **Conference and Seminar Presentations**

Korean Econometric Society Summer Meeting, Seoul, South Korea, May 2019.

Korea Advanced Institute of Science and Technology, South Korea, December 2018.

Meeting of the Society for Social Choice and Welfare, Seoul, South Korea, June 2018.

Hong Kong University of Science and Technology, Hong Kong, April 2018.

University of New South Wales, Sydney, Australia, January 2018.

National University of Singapore, Singapore, October 2017.

Fair Division Conference in St. Petersburg, Russia, August 2017.

Society for Economic Design, York, United Kingdom, June 2017.

Yonsei University, Seoul, South Korea, November 2016.

Korea Institute of Advanced Studies, Seoul, South Korea, October 2016.

Meeting of the Society for Social Choice and Welfare, Lund, Sweden, June 2016.

Korean Econometric Society Summer Meeting, Jeju, South Korea, June 2016.

East Asian Game Theory Conference, Tokyo, Japan, August 2015.

Royal Economic Society Conference, Manchester, UK, March 2015.

Sogang University, Seoul, South Korea, February 2015.

Sungkyunkwan University, Seoul, South Korea, February 2015.

University of East Anglia, Norwich, UK, October 2014.

University of Glasgow, Glasgow, UK, October 2014.

Korea University, Seoul, South Korea, August 2014.

Seoul National University, Seoul, South Korea, August 2014.

Meeting of the Society for Social Choice and Welfare, Boston, USA, June 2014.

Sungkyunkwan University, Seoul, South Korea, April 2014.

Royal Economic Society Conference, Manchester, UK, April 2014.

Workshop on Distributive Justice, Institution, and Behavior, Seoul, South Korea, January 2014.

Korea University, Seoul, South Korea, January 2014.

Yonsei University, Seoul, South Korea, June 2013.

Hitotsubashi University, Tokyo, Japan, February 2013.

University of Manchester, Manchester, UK, February 2013.  
KIET, Seoul, South Korea, February 2013.  
Sogang University, Seoul, South Korea, February 2013.  
UC Riverside, Riverside, USA, February 2013.  
Seoul National University, Seoul, South Korea, October 2012.  
Korea University, Seoul, South Korea, October 2012.  
International Conference on Game Theory, Stony Brook, USA, July 2012.  
Asian Meeting of the Econometric Society, Seoul, South Korea, August 2011.  
Seoul National University, Seoul, South Korea, August 2011.  
Meeting of the Society for Economic Design, Montreal, Canada, May 2011.

## **Professional Service**

Referee for: *Econometrica*, *Economic Theory*, *Economic Theory Bulletin*, *Games and Economic Behavior*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Public Economic Theory*, *Mathematical Social Sciences*, *Social Choice and Welfare*, *Transactions on Economics and Computation*.

## **Research Grants, Fellowships, Scholarships, and Awards**

Korea University Future Research Grant, 2018-2019.  
Tae Sung Kim Memorial Prize, the Korean Econometric Society, 2018.  
Korea University Future Research Grant, 2017-2018.  
Research Grant funded by Korean National Research Foundation, 2017.  
Research Grant funded by Korean National Research Foundation and Swiss National Science Foundation, January, 2017.  
Isaac Sherman Scholar, University of Rochester, 2011-2012.  
Peter Conibear Memorial Prize (best third-year research paper), University of Rochester, 2011.  
W. Allen Wallis Fellow, University of Rochester, 2010-2011.  
Norman M. Kaplan Memorial Prize (best graduate performance), University of Rochester, 2010.  
Lionel W. McKenzie Memorial Prize (best first-year performance), University of Rochester, 2009.  
Graduate fellowship and tuition scholarship, University of Rochester, 2008–2013.