

Sukjin Han

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Professional Appointments

2012-present	Assistant Professor, Department of Economics, University of Texas at Austin
Spring 2016	Visiting Assistant Professor, Cowles Foundation, Yale University
Spring 2018	Commander, Hawaii Space Exploration Analog and Simulation, NASA and University of Hawaii

Education

2012	Ph.D., Economics, Yale University
2009	M.Phil., Economics, Yale University
2009	M.A., Economics, Yale University
2005	B.A. (<i>with highest honors</i>), Economics, Seoul National University

Research Interests

Econometric Theory, Applied Econometrics, Machine Learning, Visual Data

Honors, Awards and Fellowships

2012-2019	Fellow of the Richard J. Gonzalez Regents Chair in Economic Progress Based on Freedom and Private Enterprise
2018	Summer Research Assignment Award, UT Austin
2017	Department Summer RA Funding, UT Austin
2011-2012	Carl Arvid Anderson Prize Fellowship, Cowles Foundation
2012	Dissertation Fellowship, Yale University
2008	National Science Foundation Graduate Research Fellowship
2006-2010	Cowles Foundation Fellowship, Yale University
2006-2010	University Fellowship, Yale University
2007, 2008	University Summer Fellowship, Yale University
2005-2006	Research Fellowship, Department of Economics, Seoul National University
2005	Teaching Fellowship, Department of Economics, Seoul National University
2002-2004	Development Fund Full Scholarship, Seoul National University

Papers Published

“Nonparametric Estimation of Triangular Simultaneous Equations Models under Weak Identification” (*Forthcoming, Quantitative Economics*)

“Estimation and Inference with a (Nearly) Singular Jacobian” with Adam McCloskey (*Forthcoming, Quantitative Economics*)

“Estimation in a Generalization of Bivariate Probit Models with Endogenous Regressors” with Sungwon Lee (*Forthcoming, Journal of Applied Econometrics*)

“Censored Quantile Instrumental Variables Estimation with Stata” with Victor Chernozhukov, Ivan Fernandez-Val, and Amanda Kowalski (*Forthcoming, Stata Journal*)

“Identification in a Generalization of Bivariate Probit Models with Endogenous Regressors” with Edward Vytlačil, *Journal of Econometrics* (2017), Volume 199, pp. 63-73

“How Would Information Disclosure Influence Organizations' Outbound Spam Volume? Evidence from a Field Experiment” with She He, Gene Moo Lee, and Andy Whinston, *Journal of Cybersecurity* (2016), Volume 2, pp. 99-118
“Invalidity of the Bootstrap and the m out of n Bootstrap for Confidence Interval Endpoints Defined by Moment Inequalities,” with Donald Andrews, *Econometrics Journal* (2009), Volume 12, pp. S172–S199

Working Papers

“Identification in Nonparametric Models for Dynamic Treatment Effects” (*Conditionally Accepted, Journal of Econometrics*)
“Multiple Treatments with Strategic Interaction” with Jorge Balat (*Revise and Resubmit, Journal of Econometrics*)
“Optimal Dynamic Treatment Regimes from Studies with Imperfect Compliance”
“Testing for Information Structure under Bayes Correlated Equilibrium” with Hiro Kaido, Lorenzo Magnolfi and Camilla Roncoroni

Work in Progress

“Market-Based Learning: Differentiated Products with Visual Attributes” with Matt Shum and Kristen Grauman
“Informative Extrapolation of the LATE” with Shenshen Yang
“Dynamic Roy Models” with Xiaohong Chen and Edward Vytlacil

Other Creative Works

“Crossing Dimensions” Developing architectural environments that invoke experience of shifting dimensions, with composer Seoyoon Kim (2017, [video link](#))
“Altered Angles—Mars Mission” Art installation based on my experience with the simulated Mar mission, with book/installation artist Felicitas Rohden (2018, [gallery link](#))

Presentations

Conferences

July 2019 Bristol Econometrics Study Group, Bristol, UK (planned)
June 2019 Asian Meeting of the Econometric Society, Xiamen, China
June 2019 CEMMAP & WISE conference, Xiamen, China
Mar 2019 Workshop on “Personalized Treatment: Learning and Decision,” London, UK
Feb 2019 Texas Econometrics Camp, Dallas
Jun 2018 Asian Meeting of the Econometric Society, Seoul, Korea
Jun 2018 International Panel Data Conference, Seoul, Korea
Jun 2018 China Meeting of the Econometric Society, Shanghai, China
Jan 2018 NAWM of the Econometrics Society, Philadelphia
Oct 2017 Midwest Econometrics Group, Texas A&M
Jun 2017 IAAE Annual Conference, Sapporo, Japan; NASM of the Econometrics Society, St. Louis
Apr 2017 Conference on Econometrics and Models of Strategic Interactions, CEMMAP UCL & Vanderbilt
Sep 2016 Interactions Conference, Northwestern University
Jun 2016 NASM of the Econometrics Society, Philadelphia
Jun 2016 IAAE Annual Conference, University of Milan-Bicocca, Milan, Italy
Feb 2016 Texas Econometrics Camp, Houston
Jan 2016 NAWM of the Econometrics Society, San Francisco
Aug 2015 World Congress, Montreal, Canada
Aug 2015 Frontiers of Theoretical Econometrics, Konstanz, Germany
Feb 2015 Texas Econometrics Camp, Houston
Sep 2014 Midwest Econometrics Group, University of Iowa
Aug 2014 KAEA Econometrics Summer Camp
Feb 2014 Texas Econometrics Camp, Houston
Jan 2014 (discussants) NAWM of the Econometrics Society, Philadelphia
Jun 2013 NASM of the Econometrics Society, USC

Jun 2013 Cowles Summer Conferences, Yale University
Feb 2013 Texas Econometrics Camp, Austin
Oct 2008 CIREQ Conference on Inference with Incomplete Models, Montréal

Invited Seminars

2019 Boston College, University of Nebraska, University of Bristol, Singapore Management University (planned), National University of Singapore (planned)
2018 University of Chicago, Penn State University, University of Southern California, Indiana University, University of Rochester, National University of Singapore, Seoul National University
2017 Duke University, University of North Carolina, Boston University, Xiamen University, Seoul National University
2016 Yale University, University of British Columbia, Brown University
2014 Texas A&M
2013 University of British Columbia, Ohio State University, Korea University, Sogang University
2012 University of Chicago Booth School of Business, SUNY Albany, Notre Dame University, University of Texas at Austin, Sogang University, Sung Kyun Kwan University, Yonsei University
2011 Yale
2008 MIT, Harvard

Referee Service

Quantitative Economics, Journal of Econometrics, Review of Economics and Statistics, Journal of Business and Economic Statistics, Journal of Applied Econometrics, Econometric Theory, Econometric Reviews, Electronic Journal of Statistics, Journal of Econometric Methods, Journal of Human Resources, Australian and New Zealand Journal of Statistics, Econometrics, Hacettepe Journal of Mathematics and Statistics, National Science Foundation

PhD Advising

Xinchen Gu (2018, Boston Consulting Group)
Sungwon Lee (2018, National University of Singapore)
Peter Toth (2018, University of Nevada)

Teaching

Spring 2013-19 (Undergraduate) Introduction to Econometrics
Fall 2018 (Undergraduate) Advanced Econometrics
Fall 2014-17 (Graduate) Advanced Econometric Theory II
Fall 2013 (Graduate) Topics in Econometrics

Other Activities

2007 Summer Intern, Office of Economic Analysis, Securities and Exchange Commission
2005-2006 Researcher, Korea Fixed Income Research Institute
2000-2002 Administrative Specialist, Korean Army

Skills

Python, Matlab, Stata (programming), Gauss, LaTeX (with TikZ), Adobe Illustrator/InDesign, Rhinoceros