

JIHEE KIM

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CURRENT APPOINTMENT

Assistant Professor of Economics
School of Business and Technology Management, College of Business
Undergraduate Economics Minor Program
Korea Advanced Institute of Science and Technology (KAIST)

Daejeon, Korea
Aug 2013–Current

Visiting Research Fellow
Data Science Group, Institute of Basic Science

Daejeon, Korea
Aug 2020–Current

RESEARCH INTERESTS

Income and Wealth Inequality, Economic Growth Theory, Macroeconomic Theory, Civic Technology

EDUCATION

Stanford University
Ph.D. in Management Science and Engineering
Thesis Title: “*Essays on Top Income Inequality*”
Thesis Advisors: Charles I. Jones and John P. Weyant

Stanford, CA
Sep 2006–Jun 2013

Stanford University
M.A. in Economics
Thesis: “*Ideas and Non-balanced Economic Growth*”

Stanford, CA
Jun 2011

Korea Advanced Institute of Science and Technology (KAIST)
B.S. in Computer Science
Graduated with honors (Summa Cum Laude)

Daejeon, Korea
Jul 2005

PUBLICATION (ECONOMIC RESEARCH)

- (1) “A Schumpeterian Model of Top Income Inequality” with Charles I. Jones, *Journal of Political Economy*, October 2018
- (2) “Revisiting the Time Series Momentum Anomaly” with Yonghwan Jo, *Annals of Economics and Finance*, November 2019

WORKING PAPERS (ECONOMIC RESEARCH)

- (1) “Teaching Machines to Measure Economic Activities from Satellite Images: Challenges and Solutions” (with Meeyoung Cha, Sangyoon Park, Hyunjoo Yang and our student team - Donghyun Ahn, Sungwon Han, Ian Jaeyeon Kim, Susang Lee, Sungwon Park, Jeasurk Yang)
- (2) “Institutional Changes and CEO Pay Inequality” (with Hansoo Choi and Eun-Young Ko)
- (3) “Revisiting the Market Equilibrium Model of CEO Pay: Post-crisis Changes” (with Hansoo Choi)
- (4) “The Impact of Chinese Shadow Banking Risk on Global Commodity Markets” (with Yonghwan Jo and Francisco Santos)
- (5) “The Effect of the Top Marginal Tax Rate on Top Income Inequality”
- (6) “Ideas and Non-Balanced Economic Growth”

WORK-IN-PROGRESS (ECONOMIC RESEARCH)

- (1) "Opening the Black Box of North Korea's Economy" (with Meeyoung Cha, Sangyoon Park, and Hyunjoo Yang)
- (2) "Information Nudges in Charitable Giving" (with Simon Seongbin Yun and Jeong-ah Park)

PUBLICATION (INTERDISCIPLINARY RESEARCH)

[Journal Papers]

- (1) What Influences Public Opinions on Nuclear Energy Before and After Deliberation: South Korea's Deliberation on Closing Nuclear Reactors
Philseo Kim, Jihee Kim*, Man-Sung Yim, *Applied Energy* (*co-corresponding author, IF=8.848), July 2020

[Full Peer-reviewed Conference Papers]

- (1) Learning to Score Economic Development from Satellite Imagery
Sungwon Han, Donghyun Ahn, Sungwon Park, Jeasurk Yang, Susang Lee, Jihee Kim, Hyunjoo Yang, Sangyoon Park, Meeyoung Cha, *accepted in ACM KDD 2020*
- (2) SolutionChat: Real-time Moderator Support for Chat-based Structured Discussion
Sung-Chul Lee, Jaeyoon Song, Seongho Park, Eun-Young Ko, Jihee Kim, Juho Kim
CHI 2020: ACM Conference on Human Factors in Computing Systems.
- (3) BudgetMap: Engaging Taxpayers in the Issue-Driven Classification of a Government Budget
Nam Wook Kim, Jonghyuk Jung, Eun-Young Ko, Songyi Han, Chang Won Lee, Juho Kim, Jihee Kim.
CSCW 2016: ACM Conference on Computer-Supported Cooperative Work and Social Computing
- (4) Factful: Engaging Taxpayers in the Public Discussion of a Government Budget.
Juho Kim, Eun-Young Ko, Jonghyuk Jung, Chang Won Lee, Nam Wook Kim, Jihee Kim.
CHI 2015: ACM Conference on Human Factors in Computing Systems.
Honorable Mention Award (top 5%)
- (5) Content-Aware Kinetic Scrolling for Supporting Web Page Navigation.
Juho Kim, Amy X. Zhang, Jihee Kim, Robert C. Miller, Krzysztof, Z. Gajos.
UIST 2014: ACM Symposium on User Interface Software and Technology.

[Extended Abstracts]

- (1) Crowdsourcing Perspectives on Public Policy from Stakeholders
Hyunwoo Kim, Eun-Young Ko, Donghoon Han, Sung-chul Lee, Simon Perrault, Jihee Kim, Juho Kim
CHI 2019 Extended Abstracts
- (2) Micro-NGO: Tackling Wicked Social Problems with Problem Solving and Action Planning Support in Chat
Sung-Chul Lee, Jihee Kim, Juho Kim
CHI 2018 Extended Abstracts.
- (3) BudgetMap: Issue-Driven Navigation for a Government Budget
Nam Wook Kim, Chang Won Lee, Jonghyuk Jung, Eun-Young Ko, Juho Kim, Jihee Kim
CHI 2015 Extended Abstracts.

[Workshop Papers]

- (1) Micro-NGO: Crowd-Driven Social Activism Via A Chat-Based Online Platform
Sung-Chul Lee, Jihee Kim, Juho Kim
CSCW 2017 Workshop on Crowdsourcing Law and Policy.
- (2) Changing News Media Landscape in South Korea
Hongjun Lim, Choongho Chung, Jihee Kim, Juho Kim, Sue Moon, Meeyoung Cha

WWW 2017 Workshop on Social News On the Web.

- (3) BudgetWiser: Gamification Design Opportunities in the Government Budget Domain
Nam Wook Kim, Jihee Kim, Juho Kim, Chang Won Lee, Eun-Young Ko, Jonghyuk Jung
CHI 2015 Workshop on Researching Gamification.

PAST EMPLOYMENT

Research Assistant for Prof. Charles I. Jones, Stanford University Stanford, CA,
For papers '*Beyond GDP? Welfare across Countries and Time*', Summer 2010, 2011
'*Intermediate Goods and Weak Links in the Theory of Economic Development*',
and '*Life and Growth*'

Ministry of Information and Communication (MIC), Republic of Korea Seoul, Korea
Intern, Industry Technology Division, Information & Communication Policy Office Jan 2006-Jul 2006

TEACHING

@KAIST

MSB 701 Advanced Econometrics (Spring 2020)

MSB 408 Economics of Technology (Fall 2019)

ECN 312 Intermediate Macroeconomics (Spring 2014, 2015, 2017, 2018, 2020)

ITM 512/ECN 301 Econometrics (Graduate/Undergraduate Fall 2013)

ECN 301/MSB 301 Econometrics (Undergraduate, Fall 2014, Fall 2015, Fall 2016, Spring 2017, Spring 2018)

MSB881 Special Topics: Macroeconomic Theory (Graduate, Fall 2017)

@Stanford University, Teaching Assistant

E60 Engineering Economy (Winter 2007, 2010)

MS&E 107/207 Interactive Management Science (Head TA) (Fall 2009-2012, Summer 2012)

MS&E 201 Dynamic Systems (Spring 2008)

MS&E 223 Simulation (Spring 2010-2012)

MS&E 241 Microeconomic Analysis (Winter 2008, 2011, 2012)

MS&E 248 Economics of Natural Resources (Fall 2007)

MS&E 249 Economic Growth and Development (Head TA) (Summer 2007-2012, Fall 2008)

MS&E 296 Sustainable Mobility – Energy Efficiency in Transportation (Spring 2010)

SCHOLARSHIPS & HONORS

KAIST Business School Research Award Dec 2018

CHI Honorable Mention Award Apr 2015

The Samsung Scholarship Sep 2006 – Jun 2010
Full tuition and stipends for Ph.D. studies

SEMINAR PRESENTATIONS

2019: Seoul National University Business School (Mar)

2018: DIW Berlin (Oct), Postech EE Dept. (Nov), Korea University (Nov), KAIST Math Dept. (Nov)

2017: Korea Institute for International Economic Policy (Jan),

Bank of Korea Economic Research Institute (Aug)

2015: Korea Institute of Public Finance (Apr), Yonsei University (May), Sogang University (Nov)

2014: Korea University (Apr)

2013: Sungkyunkwan University (Feb), Bank of Korea (Feb), KDI School of Public Policy (Feb), KAIST (Feb)
University of Mannheim (Feb)
2012: Stanford Macroeconomics Lunch Seminar (Dec), Federal Reserve Bank of San Francisco (Dec)
2011: Stanford Macroeconomics Lunch Seminar (Sep)

CONTACT INFORMATION

Office Contact Information

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Yuseong-gu, Daejeon, South Korea 34141
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REFERENCES

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STANCO 25 Professor of Economics,
Stanford Graduate School of Business
E335 Faculty Building, Stanford GSB,
Stanford, CA 94305
Tel. +1 650 725 9265 chad.jones@stanford.edu

Professor John P. Weyant
Management Science and Engineering,
Stanford University
HEC Room 260, Stanford, CA 94305
Tel. +1 650 723 3506 weyant@stanford.edu