

# JIHEE KIM

[jiheekim@kaist.ac.kr](mailto:jiheekim@kaist.ac.kr)

<http://www.jiheekim.net>

---

## 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

School of Business and Technology Management  
Korea Advanced Institute of Science and Technology  
291 Daehakro, Bldg. N5 #2108,  
Yuseong-gu, Daejeon, South Korea 34141  
Tel. +82 42 350 4915

---

## REFERENCES

---

Professor Charles I. Jones  
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](mailto: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](mailto:weyant@stanford.edu)