

# SANGYOON PARK

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## CONTACT INFORMATION

Division of Social Science  
Hong Kong University of Science and Technology  
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## ACADEMIC POSITIONS

Associate Professor (without tenure), Division of Social Science, HKUST, 2023-Present  
Assistant Professor, HKU Business School, University of Hong Kong, 2016-2023

## EDUCATION

Ph.D., Economics, Northwestern University, Evanston, IL, 2016  
M.A.: Economics, Northwestern University, Evanston, IL, 2011  
B.A.: Economics & Mathematics, University of Wisconsin-Madison, Madison, WI, 2010

## RESEARCH FIELDS

Development Economics, Labor Economics, Machine Learning

## PUBLICATIONS

“A Human-Machine Collaborative Approach Measures Economic Development Using Satellite Imagery” (with Donghyun Ahn, Jeasurk Yang, Sungwon Han, Sungwon Park, Susang Lee, Hyunjoon Yang, Jihee Kim, and Meeyoung Cha)  
Accepted at *Nature Communications*.

“Technology Training, Buyer-Supplier Relationship, and Quality Upgrading in an Agricultural Supply Chain” (with Zhaoneng Yuan and Hongsong Zhang)  
Accepted at *Review of Economics and Statistics*.

“The Effects of South Korean Protestantism on Human Capital and Female Empowerment, 1930-2010” (with Yutaro Izumi and Hyunjoon Yang)  
*Journal of Comparative Economics*, 51(2), June 2023, pp. 422-38.

“Disaster Assessment Using Computer Vision and Satellite Imagery: Applications in Detecting Water-Related Building Damages” (with Danu Kim, Jeongkyung Won, Eunji Lee, Kyungryul Park, Jihee Kim, Hyunjoon Yang, and Meeyoung Cha), *Frontiers in Environmental Science*, 10, October 2022.

“Socializing at Work: Evidence from a Field Experiment with Manufacturing Workers”,  
*American Economic Journal: Applied Economics*, 11(3), July 2019, pp. 424-55.

“Coeducation, Academic Performance and Subject Choice: Evidence from Quasi-Random Classroom Assignments”, *Education Economics*, 26(6), November 2018, pp. 574-92

## WORKING PAPERS

“The Economic Costs of Trade Sanctions: Evidence from North Korea”  
(with Jihee Kim, Kyoochul Kim, and Chang Sun)  
Conditionally Accepted at *Journal of International Economics*.

“Education and Wartime Mobilization: Evidence from Colonial Korea During WWII”  
(with Yutaro Izumi)

“Religion, Rebellion, and State Education: Evidence from Colonial Korea” (with Yutaro Izumi)

#### CONFERENCE PROCEEDINGS

“Learning economic indicators by aggregating multi-level geospatial information” (with Sungwon Park, Sungwon Han, Donghyun Ahn, Jaeyeon Kim, Jeasurk Yang, Susang Lee, Seunghoon Hong, Jihee Kim, Hyunjoo Yang and Meeyoung Cha),  
*Proceedings of the Association for the Advancement of Artificial Intelligence (AAAI) 2022 Conference*

“Learning to score economic development from satellite imagery” (with Sungwon Han, Donghyun Ahn, Sungwon Park, Jeasurk Yang, Susang Lee, Hyunjoo Yang, Jihee Kim, and Meeyoung Cha),  
*Proceedings of the Association for Computing Machinery SIGKDD 2020 Conference on Knowledge Discovery and Data Mining (KDD)*, August 2020, pp. 2970-79.

#### WORK IN PROGRESS

“State Certified Lemons? A Randomized Intervention on Agricultural Quality Certification

“Demand for Ultrasonography: Roles of price framing and sex information” (with Hyuncheol Kim and Hyuk Son)

"Railroad to Freedom: Colonial Transportation Networks and Diffusion of Independence Movement"  
(with Yutaro Izumi, Duol Kim, and Christopher Paik)

"The Long-run Impacts of Meritocratic Education in South Korea: Human Capital, Social Capital, and Local Elites" (with Zihe Wang)

#### OTHER SHORT PIECES

“Socializing with friends at work: A look into the black box of non-cognitive skills”,  
World Bank Development Impact Blog, December 2, 2015

#### FELLOWSHIPS AND AWARDS

General Research Fund, Research Grants Council, Hong Kong, 2022-2024  
Academic Research Grant, Academy of Korean Studies, South Korea, 2021-2022  
General Research Fund, Research Grants Council, Hong Kong, 2020-2022  
Early Career Scheme, Research Grants Council, Hong Kong, 2018-2020  
Faculty Outstanding Teaching Award, University of Hong Kong, 2018  
Seed Fund for Basic Research, University of Hong Kong, 2016-2018  
Dissertation Year Fellowship, Northwestern University, 2015-2016  
Northwestern University Career Development Grant, 2015  
Conference Travel Grant, Northwestern University, 2015  
Equality Development and Globalization Studies Summer Research Grant, NU, 2014  
Graduate Research Grant, Northwestern University, 2014  
Graduate Student Dissertation Research Award, The Buffett Center, NU, 2014

#### CONFERENCE AND SEMINAR PRESENTATIONS (including scheduled)

2023 University of Hong Kong; Asia Meeting Econometric Society (NTU); NBER SI (Economics of National Security); Empirical Studies of Conflict Project; GRIPS

- 2022 AEA/ASSA Annual Meeting; Chung-Ang University; Monash University; GRIPS; Quantitative History Webinar (HKU); Economic Development Conference (Cornell); Sogang University; UCSD-SNU Webinar; Korean Economic History Society Conference; Asian Historical Economic Conference; Lingnan University; Hong Kong Baptist University; Hong Kong University of Science and Technology
- 2021 Hong Kong University of Science and Technology; BREAD Virtual Conference on Development Economics (NYU); North American Summer Meeting of Econometric Society (UQAM); European Summer Meeting of Econometric Society; Southern Economic Association Annual Meeting
- 2020 Korean Economic Review International Conference; Sogang University; Yonsei University; Monash University; Seoul National University; Korea University; North East Universities Development Consortium (NEUDC); Jinan University
- 2019 Society of Labor Economists (Arlington, VA); Asian Development Bank; University of Hong Kong
- 2018 Hanyang University; KAEA-KEA Joint International Conference (Sungkyunkwan University); Asia Conference on Business and Economic Studies (University of Economics HCMC); AASLE Conference (Seoul National University); KDI School – 3ie Conference on Impact Evaluation
- 2017 Peking University, HSBC Business School; Society of Labor Economists (Raleigh, NC); The Asian Meetings of the Econometric Society (Hong Kong); National University of Singapore; Singapore Management University; National Graduate Institute for Policy Studies (GRIPS); Yonsei Economic Research Institute (YERI) Young Economist Workshop, Korea; Applied Microeconomics Workshop, Seoul National University; KAEA-KEA Joint International Conference (Korea University); AASLE Conference (Australian National University); University of Tokyo, Center for International Research on the Japanese Economy (CIRJE)
- 2016 Hitotsubashi University; Monash University; University of Adelaide; University of Hong Kong; University of Massachusetts, Amherst (Resource Economics); The Asian Meetings of the Econometric Society (Kyoto, Japan)
- 2015 Abdul Latif Jameel Poverty Action Lab (J-PAL) Conference, Paris, France; University of Michigan Development Day Conference, Ann Arbor, MI

## **TEACHING EXPERIENCE**

Instructor, University of Hong Kong, 2016-Present  
 Intermediate Microeconomics (Undergraduate)  
 Labor Economics (Graduate); Causal Inference (Graduate)

## **PROFESSIONAL SERVICE**

Referee for *Review of Economic Studies*, *American Economic Journal: Applied Economics*, *Journal of Human Resources*, *Management Science*, *Labour Economics*, *Southern Journal of Economics*, *Experimental Economics*, *Oxford Bulletin of Economics and Statistics*; *Journal of Behavioral and Experimental Economics*; *American Journal of Agricultural Economics*; *Economics Letters*

Departmental Service: Junior Faculty Recruiting Committee (2017-2019); Seminar Organizing Committee (2017-2020); Graduate Admissions Committee (2016-)