

# DONG WOO HAHM

Department of Economics  
 University of Southern California  
 3620 South Vermont Ave, #304, Los Angeles, CA 90089

E-mail: [dh2814@columbia.edu](mailto:dh2814@columbia.edu)  
[dongwooh@usc.edu](mailto:dongwooh@usc.edu)  
 Webpage: <https://www.dongwoohahm.com/>

**Placement Chairs:** Sandra Black, [sblack@columbia.edu](mailto:sblack@columbia.edu), Suresh Naidu, [sn2430@columbia.edu](mailto:sn2430@columbia.edu)

**Placement Administrators:** Amy Devine, [aed2152@columbia.edu](mailto:aed2152@columbia.edu), Rosie Lourentzatos, [rcl2109@columbia.edu](mailto:rcl2109@columbia.edu)

## ACADEMIC POSITION

### University of Southern California

Los Angeles, CA

Postdoctoral Scholar–Teaching Fellow, Department of Economics

2022–

## EDUCATION

### Columbia University in the City of New York

New York, USA

Ph.D., Economics

2022

M.Phil., Economics

2019

M.A., Economics

2018

### Seoul National University

Seoul, South Korea

B.A., Economics

2015

## FIELDS OF SPECIALIZATION

Economics of Education, Market Design, Industrial Organization

## JOB MARKET PAPER

**“Leveraging Uncertainties to Infer Preferences: Robust Analysis of School Choice”** *under review*  
 (with [Yeon-Koo Che](#) and [YingHua He](#))

**Abstract:** Inferring applicant preferences is fundamental in many analyses of school-choice data. Application mistakes make this task challenging. We propose a novel approach to deal with the mistakes in a deferred-acceptance matching environment. The key insight is that the uncertainties faced by applicants, e.g., tie-breaking lotteries, render some mistakes costly, allowing us to reliably infer relevant preferences. Our approach extracts all information on preferences robustly to payoff-insignificant mistakes. We apply it to school-choice data from Staten Island, NYC. Counterfactual analysis suggests that we underestimate the effects of proposed desegregation reforms when mistakes are not accounted for in preference inference and estimation.

## WORKING PAPERS

- [1] “A Dynamic Framework of School Choice: Effects of Middle Schools on High School Choice” (with [Minseon Park](#))  
 – [Extended Abstract](#) in ACM EC 2022
- [2] “Location Choice, Commuting, and School Choice” (with [Minseon Park](#))  
 – [Extended Abstract](#) in ACM EC 2023 *under review*
- [3] “Prestige Seeking in College Application and Major Choice”  
 (with [Yeon-Koo Che](#), [Jinwoo Kim](#), [Se-jik Kim](#), [Olivier Tercieux](#))

## WORK IN PROGRESS

- [1] “What Makes NYC Specialized High Schools So Special?” *draft available on request*
- [2] “Information, Match Quality, and the Design of Student-School Assignment Mechanisms”  
 (with [Chao Fu](#) and [Minseon Park](#)) *grant application in process*

## GRANTS AND AWARDS

---

Runner-up, Wueller Pre-Dissertation Award, Columbia University	2020
Winner and Runner-up, Wueller Teaching Awards: Best TA, Columbia University	2019
Runner-up, Vickrey Prize: Best 3rd year Paper in Economics, Columbia University	2019
PER Summer Research Fellow, Columbia University	2018, 2019, 2020, 2021
Young-Job Chung Fellowship, Columbia University	2018–2019
Dean's Fellow, Columbia University	2016–2021

## PRESENTATIONS

---

<b>2020</b> 12th World Congress of the Econometric Society
<b>2021</b> New York City Department of Education
<b>2022</b> University of Tokyo, North Carolina State University, UNC-Chapel Hill, Tulane University, UC San Diego, Seoul National University, NASMES 2022, ESAM 2022, ACM EC 2022, Econometric Society DSE 2022, UC Riverside, KAEA Applied Micro Seminar, HUFs
<b>2023</b> USC, UC Santa Barbara, WEAI 2023, AMES 2023, NASMES 2023, Columbia University, SEA 2023, 2023 KAEA Job Market Conference, NBER Market Design Working Group Meeting

## REFEREEING

---

*Review of Economics and Statistics, Management Science, Econometrica, Journal of Public Economics*

## TEACHING AND WORK EXPERIENCE

---

### *Instructor:*

Empirical Industrial Organization (Ph.D. level, ECON 688), USC	2023 Spring
— <a href="#">2023 Evaluation</a>	

### *Teaching Assistant:*

Introduction to Econometrics (Seyhan Erden, Simon Lee), Columbia University	2017 Fall, 2018 Spring
— <a href="#">2017 Evaluation</a> , <a href="#">2018 Evaluation</a>	
Intermediate Microeconomics (Susan Elmes), Columbia University	2018 Fall, 2019 Fall
— <i>Runner-up of Wueller Teaching Awards</i> (2019), <a href="#">2018 Evaluation</a> , <a href="#">2019 Evaluation</a>	
Introduction to Econometrics II (Ph.D. level, Jushan Bai and Simon Lee), Columbia University	2019 Spring
— <i>Winner of Wueller Teaching Awards</i> (2019), <a href="#">2019 Evaluation</a>	

### *Research Assistant:*

Research Assistant for Yeon-Koo Che, Columbia University	2018 – 2021
--	-------------

## OTHER INFORMATION

---

Citizenship: South Korea  
Language: English (fluent), Korean (native)  
Programming: STATA, MATLAB, R, Excel and  $\LaTeX$

## REFERENCES

---

### **Yeon-Koo Che (co-sponsor)**

Kelvin J. Lancaster Professor of Economic Theory Department of Economics, Columbia University  
email: [yc2271@columbia.edu](mailto:yc2271@columbia.edu), phone: +1 (212) 854-8276

### **Miguel Urquiola (co-sponsor)**

Dean of Social Science; Professor of Economics and International Affairs Department of Economics, Columbia University  
email: [msu2101@columbia.edu](mailto:msu2101@columbia.edu), phone: +1 (212) 854-3769

### **Pierre-André Chiappori**

E. Rowan and Barbara Steinschneider Professor of Economics Department of Economics, Columbia University  
email: [pc2167@columbia.edu](mailto:pc2167@columbia.edu), phone: +1 (212) 854-6369

### **YingHua He**

Associate Professor of Economics Department of Economics, Rice University  
email: [yinghua.he@rice.edu](mailto:yinghua.he@rice.edu), phone: +1 (713) 348-3879