

YINGHUA HE

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CURRENT AND PAST POSITIONS

Assistant Professor, Department of Economics, Rice University, September 2016 –
Associate Member, Toulouse School of Economics, September 2016 –
Junior Chair (Assistant Professor), Toulouse School of Economics, 2010 – 2016

VISITING POSITIONS

Visiting Professor, Paris School of Economics, Fall 2019
PER visitor, Department of Economics, Columbia University, November 2017
Visiting Scholar, Department of Economics, Stanford University, 2014-15

FIELDS OF INTERESTS

Research: Market Design, Applied Microeconomics, IO, Education
Teaching: Applied Econometrics, IO, Labor Economics, Microeconomics

EDUCATION

Ph.D. in Economics, Columbia University (New York, USA), February 2011
M.A. in Economics, Peking University (Beijing, China), July 2004
B.A. in Economics, Univ. of International Business & Economics (Beijing, China), July 2001

PEER-REVIEWED PUBLICATIONS

- [1] “Beyond Truth-Telling: Preference Estimation with Centralized School Choice and College Admissions,” with Gabrielle Fack and Julien Grenet, *American Economic Review*, 2019
- [2] “A Pseudo-Market Approach to Allocation with Priorities,” with Anonio Miralles, Marek Pycia, and Jianye Yan, *American Economic Journal: Microeconomics*, 2018
-- Winner of the AEJ Best Paper Award
- [3] “Hurting without Hitting: The Economic Cost of Political Tension,” with Ulf Nielsson and Yonglei Wang, *Journal of International Financial Markets, Institutions and Money*, 2017
- [4] “Evaluating Assignment without Transfers: A Market Perspective,” with Sanxi Li and Jianye Yan, *Economics Letters*, 2015
- [5] “Subscribing to Transparency,” with Ulf Nielsson, Hong Guo, and Jiong Yang, *Journal of Banking & Finance*, 2014
- [6] “Is Shared Housing a Way to Reduce Homelessness? The Effect of Household Arrangements on Formerly Homeless People,” with Brendan O’Flaherty and Robert Rosenheck, *Journal of Housing Economics*, 2010

OTHER PUBLICATIONS

- [1] “Perspectives sur le programme de dons croisés de reins en France (*Perspectives on the Kidney Exchange Program in France*),” with Julien Combe, Victor Hiller, Olivier Tercieux, Benoît Audry, Christian Jacquelinet, Marie-Alice Macher, *Note IPP*, Institut des politiques publiques, n°41, 2019 [in French]
- [2] “户籍制度松紧程度的一个衡量 (*Measuring the Strictness of the Household Registration System*),” *China Economic Quarterly*, 2004 [in Chinese]

WORKING PAPERS

- [1] “Identification and Estimation in Many-to-one Two-sided Matching without Transfers” with Shruti Sinha and Xiaoting Sun, 2021
- [2] “Unpaired Kidney Exchange: Overcoming Double Coincidence of Wants without Money” with Mohammad Akbarpour, Julien Combe, Victor Hiller, Robert Shimer, and Olivier Tercieux, 2020, **Revision Requested**, *Review of Economic Studies*
- [3] “The Impact of Air Pollution on Human Activities” with Wei Chen and Shiyuan Pan, 2018, **Revision Requested**, *PLOS ONE*
- [4] “Strategic ‘Mistakes’: Implications for Market Design Research” with Georgy Artemov and Yeon-Koo Che, 2017 (updated 2021)
- [5] “Application Costs and Congestion in Matching Markets” with Thierry Magnac, 2017 (updated 2020), **Conditionally Accepted**, *Economic Journal*
- [6] “Information Acquisition and Provision in School Choice: An Experimental Study,” with Yan Chen, 2017 (updated 2020), **Revision Requested**, *Journal of Economic Theory*
- [7] “Information Acquisition and Provision in School Choice: A Theoretical Investigation,” with Yan Chen, 2020, **Revision Requested**, *Economic Theory*
- [8] “Early Offers in University Admissions,” with Julien Grenet and Dorothea Kübler, 2019, **Revision Requested**, *Journal of Political Economy*
- [9] “Gaming the Boston School Choice Mechanism in Beijing,” 2009 (updated 2018)

WORK IN PROGRESS

- [1] “School Choice in Paris,” with Gabrielle Fack and Julien Grenet
- [2] “*Admission Post Bac*,” with Gabrielle Fack and Julien Grenet
- [3] “Kidney Exchange in the Shadow of Desensitization,” with Julien Combe, Victor Hiller, and Olivier Tercieux
- [4] “Dynamic Teacher Assignment,” with Julien Combe, Olivier Tercieux, and Camille Terrier

TEACHING EXPERIENCE

PhD Courses:

Empirical Market Design (MIT), Guest Lecture (invited by Parag Pathak), 2018
Empirical Market Design (Stanford), Guest Lecture (invited by Muriel Niederle & Al Roth), 2015
Topics in Applied Econometrics (Toulouse School of Economics): 2011, 2012, 2013

Undergraduate and Graduate Courses:

Applied Econometrics (Toulouse School of Economics): 2014, 2016
Applied Econometrics (Rice): 2017, 2018, 2019, 2020
Introduction to Econometrics (Columbia): 2008

SCHOLARSHIPS, AWARDS, AND GRANTS

- 2019 American Economic Journal: Microeconomics Best Paper Award
- 2017-20 “Operationalizing Pseudo-Market Mechanisms,” National Science Foundation, with Hülya Eraslan and Jeremy Fox, US\$443,679.
- 2017-18 Seed Money Grant, Rice University, Social Sciences Research Institute, US\$19,830.
- 2016-18 “Tertiary admissions: towards a healthier university system,” with Georgy Artemov and Yeon-Koo Che, Australian Research Council, AU\$199,000.
- 2015-16 Project FDA, Agence Nationale de la Recherche, France, 129,272 euros.
- 2014-16 Project DesignEdu, Agence Nationale de la Recherche, France, 188,708 euros.

2014 "Young Researcher in Economics" Prize, la Fondation Banque de France.
2009 Wueller Prize for Best Summer Research Proposal, Columbia University.
2004-09 Faculty Fellow, Columbia University.

REFEREEING ACTIVITIES

AEJ: Applied, AEJ: Micro, American Economic Review, China Economics Quarterly (in Chinese), China Economic Review, EC'18, Econometrica, EDCC, European Economic Review, Games and Economic Behavior, Information Economics and Policy, IJGT, IJIO, International Economic Review, Journal of Applied Econometrics, Journal of Business & Economic Statistics, Journal of Comparative Economics, Journal of Human Capital, Journal of Labor Economics, Journal of Public Economics, Journal of Political Economy, Keynes Fund, Mathematical Social Sciences, National Science Foundation, Quarterly Journal of Economics, Research Grants Council of Hong Kong, Review of Economics & Statistics, Review of Economic Studies

ADDITIONAL INFORMATION

Graduate Admission Committee: Rice Economics, 2019-20, 2020-21
Placement Director: Rice Economics, 2016-17, 2017-18, 2018-19
Member: Committee on Examinations and Standing of Rice University, 2018-19
Member: Junior Recruiting Committee, Rice Economics, 2018-19
Organizer: Econometrics Seminar at Rice University, 2016-17, 2017-18, 2018-19, 2019-20, 2020-21
Organizer: Econometrics & Empirical Economics Seminar at TSE, 2011-12, 2012-13, 2015-16
Organizer: Applied Micro Workshop at Toulouse School of Economics, 2011-12, 2012-13, 2013-14
Member: Junior Recruiting Committee, Toulouse School of Economics, 2011-12, 2012-13

SEMINAR AND CONFERENCE PRESENTATIONS

2020-21: The Southern Economic Association 90th Annual Meeting
2019-20: ASSA (San Diego, CA), Boston College, Conference "Information Design & Data Science" (UC Berkeley), NBER IO meeting, Paris School of Economics, Sciences Po (Paris)
2018-19: Arizona State University, ASSA (Atlanta, GA), Boston College
2017-18: Columbia, Cowles Summer Conference (Yale), Duke, Market Design Conference (Columbia), NBER Market Design Meeting, UC Irvine, Univ. of Houston, Workshop on Kidney Allocation (Paris)
2016-17: Asian Pacific IO Conference (Melbourne), ASSA (Chicago), Barcelona Summer Forum, Conference "Econometrics Meets Theory" (NYU), EEA (Lisbon), Matching in Practice (Brussels), Paris School of Economics, Wisconsin-Madison
2015-16: "Advances in Market Design" (Paris), ASSA (San Francisco), ESWC 2015 Montreal, Helsinki Center of Economic Research, "Matching in Practice" (Toulouse), "Matching Markets: Combining Theory and Applications" (WZB Berlin), Princeton, Rice, Tilburg, University of Cologne
2014-15: Caltech, Columbia, Cowles Summer Conference (Yale), ASSA (Boston), Stanford, Vanderbilt
2013-14: "Matching in Practice" (Berlin), IWAE (Catanzaro), French Econometrics Meeting (Toulouse, *discussant*), Monash (Melbourne)
2012-13: Advances in Market Design (Paris School of Economics), Toulouse-Northwestern CSIO/IDEI Workshop, Gate-Lyon-St Etienne, "Matching in the EU: Market Failures and Solutions" (Bellaterra, Spain), University of Michigan, Econometric Society European Meeting, WCU-Market Design and Dynamic Theory (Yonsei, Seoul)
2011-12: Universitat Autònoma de Barcelona, Copenhagen Business School, WZB Berlin, Paris School of Economics, Chinese University of Hong Kong, London School of Economics, Tinbergen Institute, University of Bristol, Zhejiang University

2010-11: EC2 Meeting (poster), Wisconsin-Madison, NBER Market Design Meeting, China Economics Summer Institute, Econometric Society World Congress in Shanghai, Toulouse-Northwestern CSIO/IDEI Workshop (*discussant*), “Economics of Intellectual Property, Software and the Internet” (Toulouse, *discussant*)

2009-10: Columbia University, Econometric Society NASM in Boston