



Nathaniel D. Mark
PhD Candidate
Columbia University

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RESEARCH INTERESTS **Health Economics, Industrial Organization, Econometrics**

EDUCATION **Columbia University**, New York, NY

Ph.D., Economics, Expected May 2021

David C.F. Hsiung '34 M.A. and Vivian S.Y.W. Hsiung Fellow

- M.Phil. Completed, May 2018
- M.A. Completed, May 2017
- Field Specializations: *Industrial Organization* and *Econometrics*
- Primary Advisor: *Prof. Katherine Ho*
- Completed PhD Coursework:
 - Core Courses: *Math Methods for Economists, Macroeconomic Analysis I&II, Microeconomic Analysis I&II, Intro to Econometrics I&II, Perspectives on Economics*
 - Field Courses: *Industrial Organization I, Empirical Industrial Organization, Industrial Organization III, Microeconometrics, Macroeconometrics, Topics in Econometrics, Topics in Health Economics*

London School of Economics, London, UK

M.Sc., Economics, with Merit, July 2015

- Specialization: *Industrial Organization*
- Thesis: "Competing Over Quality: Testing Implications of Vertical Differentiation Theory in US Hospital Duopolies" (Advisor: Prof. Pasquale Schiraldi)

The Johns Hopkins University, Baltimore, MD

B.A., Economics, with Departmental and General Honors, May 2014

- Major: *Economics*
- Minors: *History, Mathematics, and Applied Mathematics and Statistics*
- Economics Thesis: "An Analysis of Proximity to Public Transportation Hubs and Real Estate Valuation" (Advisor: Prof. Bruce Hamilton)
- History Thesis: "Building a Community: The Physical and Cultural Development of Pittsburgh's Highland Park Neighborhood, 1778-1900" (Advisor: Prof. Mary Ryan)
- Independent Study: "Fashionable Sin: The Social History of Tobacco and the History of the Anti-Tobacco Movement in England, 1500-1919" (Advisor: Prof. Gabriel Paquette)



WORKS IN
PROGRESS

- "Access to Care in Equilibrium" (Job Market Paper)
- "Market Segmentation and Competition in Health Insurance" (with Kate Ho and Michael Dickstein)
- "Efficient Estimation of Mixed Multinomial Logit with Covariate Distribution Knowledge"
- "NHSC Policy and Health Care Personnel Distributions in the US"

TEACHING
EXPERIENCE

Columbia University, New York, NY

Teaching Assistant, Undergraduate Courses

- Introduction to Econometrics (Fall 2016, Spring 2017, Fall 2018)
- Industrial Organization (Fall 2017)
- Time Series Econometrics [BA/MA](Spring 2018, Spring 2019)
- Intermediate Microeconomics (Fall 2020)

Teaching Assistant, Graduate Courses

- Mathematics for Economists [Ph.D] (Summer 2017)

Awards

- Wueller Teaching Award [for best teaching of a core undergraduate economics course] (Fall 2016/Spring 2017)

COMMITTEE
MEMBERSHIPS
AND ADVISING
POSITIONS

Columbia University, New York, NY

- Industrial Organization Colloquium, Student Organizer (Fall 2018, Spring 2018)
- Industrial Organization Reading Group, Organizer (Summer 2018, Summer 2019)
- ISERP Interdisciplinary Graduate Student Seminar, Founding Organizer (Fall 2017 - Spring 2019)
- Association for Graduate Economics Students, Treasurer (Fall 2016 - Fall 2018)
- Economics Department, Undergraduate Advisor (Spring 2018)

The Johns Hopkins University, Baltimore, MD

- Career Center, Peer Advisor (Spring 2011- Spring 2012)

RESEARCH
ASSISTANTSHIPS

Columbia University, New York, NY

- Research Assistant, Prof. Katherine Ho, Economics Department (Feb 2017 - Aug 2018)

The Johns Hopkins University, Baltimore, MD

- Research Assistant, Prof. Louis Galambos, Institute for Applied Economics, Global Health, and the Study of Business Enterprise (Jan 2014 - June 2015)
- Research Assistant, Prof. Nicholas Papageorge, Economics Department (Sep 2013 - Aug 2014)
- Research Assistant, Prof. Steve Hanke, Institute for Applied Economics, Global Health, and the Study of Business Enterprise (June 2012 - Sep 2013)
- Research Assistant, Jessica Holzer, Bloomberg School of Public Health (Jan 2012 - Apr 2012)



United States Patent and Trademark Office, Alexandria, VA

- Trainee (Economist), Office of the Chief Financial Officer (June 2012 - Jan 2013)

TECHNICAL
EXPERIENCE

- **Course Experience:** R, Stata, Matlab, Python, Bash
- **Work/Research Experience:** R, Stata, L^AT_EX, Excel, ArcGIS, SAS

PERSONAL
INFORMATION

- **Native Language:** English
- **Citizenship:** USA
- **Marital Status:** Single