



Nathaniel D. Mark
PhD Candidate
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CONTACT INFORMATION	<p>Columbia University Economics Department 420 W. 118th St. New York, NY USA</p> <p>Phone: +1(914)874-1097 E-mail: ndm2125@columbia.edu Research Website: www.nathanieldmark.com Teaching Website: www.nathanieldmark.weebly.com</p>
RESEARCH INTERESTS	<p>Health Economics, Industrial Organization, Applied Econometrics</p>
EDUCATION	<p>Columbia University, New York, NY</p> <p>Ph.D., Economics, Expected May 2021 David C.F. Hsiung '34 M.A. and Vivian S.Y.W. Hsiung Fellow</p> <ul style="list-style-type: none">• M.Phil. Completed, May 2018• M.A. Completed, May 2017• Field Specializations: <i>Industrial Organization</i> and <i>Econometrics</i>• Advisors: <i>Prof. Katherine Ho</i>, <i>Prof. Bernard Salanie</i>, <i>Prof. Ashley Swanson</i>• Completed PhD Coursework:<ul style="list-style-type: none">• Core Courses: <i>Math Methods for Economists</i>, <i>Macroeconomic Analysis I&II</i>, <i>Microeconomic Analysis I&II</i>, <i>Intro to Econometrics I&II</i>, <i>Perspectives on Economics</i>• Field Courses: <i>Industrial Organization I</i>, <i>Empirical Industrial Organization</i>, <i>Industrial Organization III</i>, <i>Microeconometrics</i>, <i>Macroeconometrics</i>, <i>Topics in Econometrics</i>, <i>Topics in Health Economics</i> <p>London School of Economics, London, UK</p> <p>M.Sc., Economics, with Merit, July 2015</p> <ul style="list-style-type: none">• Specialization: <i>Industrial Organization</i> <p>The Johns Hopkins University, Baltimore, MD</p> <p>B.A., Economics, with Departmental and General Honors, May 2014</p> <ul style="list-style-type: none">• Major: <i>Economics</i>• Minors: <i>History</i>, <i>Mathematics</i>, and <i>Applied Mathematics and Statistics</i>
JOB MARKET PAPER	<ul style="list-style-type: none">• "Access to Care in Equilibrium" (Job Market Paper) <p>Abstract: This paper studies access to care as an equilibrium outcome of a market without prices. I estimate an empirical matching model where patients match with physicians, using data from the Northern Ontario primary care market. In the model, the market is cleared by a non-price mechanism: the effort it takes to find a physician who is accepting patients. I find that access to care is lower in rural areas</p>



than urban or suburban areas. This is not caused by lower physician-to-population ratios in rural areas, but the distances patients must travel. Young adults in urban and suburban areas also face low access to care, caused by difficulties in finding physicians who are accepting patients. Two policies are analyzed. Alternative payment systems are found to increase access to care by incentivizing larger patient panels. Grants to attract physicians to areas with low access to care are found to be inefficient, because they are allocated according to imprecise measures of access to care.

- WORKING PAPERS • "Market Segmentation and Competition in Health Insurance" (with Kate Ho and Michael Dickstein)
- "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, \LaTeX , Excel, ArcGIS, SAS

PERSONAL
INFORMATION

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

REFERENCES

- Kate Ho (kate.ho@princeton.edu)
- Bernard Salanie (bs2237@columbia.edu)
- Ashley Swanson (ats2180@gsb.columbia.edu)