STEVEN BUSCHBACH

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EDUCATION

Ph.D. **University of Chicago** | Chicago, IL | Economics — Expected May 2027
Job market paper: "FQHC expansion and the impact on local healthcare markets"

M.S. **University of Chicago** | Chicago, IL | Computational Analysis and Public Policy — May 2021
Siebel Scholar 2020 for academic achievement

B.A. **Harvard University** | Cambridge, MA | Statistics — May 2016

RESEARCH AND TEACHING EXPERIENCE

Dept. of Economics, University of Chicago | Chicago, IL — August 2021 – Expected May 2027
Doctoral Student and Researcher

- *Academics:* Completed first-year core courses, second-year field specialization in econometrics and public economics, and third-year research seminar in health economics
- *For dissertation research*: analyzed data on health centers obtained from federal government FOIA request, worked with large Medicaid claims dataset to study crowd-out in primary care markets using recent advances in staggered difference-in-differences techniques, estimated parameters in firm cost function and productivity model around Medicaid expansion and policy changes
- *In collaboration with other researchers*: analyzed patient-level claims and outcomes data from a large American health insurer to estimate the impact of cost-sharing changes on demand and downstream health impacts, collected and analyzed novel data on medical tourism flows and health systems' foreign collaborations
- *As research assistant to Prof. Joshua Gottlieb*: managed a team of undergraduate research assistants, estimated regression models and created data visualizations using large healthcare claims databases on campus computing clusters, reviewed econometric literature and designed a dyadic bootstrap technique for standard error estimation in gravity models, collected and analyzed data on the U.S. nursing labor market
- *As research assistant to Prof. Dan Black*: designed and implemented a structural discrete choice model of physician migration patterns in Python, leveraged a parallel computing framework on the campus high-performance computing cluster to estimate model parameters with simulated method of moments

Teaching Assistant

- ECON 31740: Optimization-Conscious Econometrics (PhD-level) — Winter 2024
- ECMA 21020: Causal Machine Learning (masters' level) — Fall 2024
- ECON 20120: Econometrics (undergraduate level) — Fall 2023, Spring 2024, Winter 2025
- BUSN 33801: Microeconomics (MBA level) — Fall 2025
- BUSN 42715: Business Strategy Simulation (MBA level) — Winter 2027

WORK EXPERIENCE

Charles River Associates (Antitrust and Competition Practice) | Chicago, IL — July 2016 – August 2019
Analyst (2016-2017), Associate (2017-2019)

- Compiled and analyzed large datasets using a mix of public and proprietary data in Stata and R; built regression models and ran advanced statistical tests for use in economic expert reports
- Organized and taught an internal course on an introduction to coding in R
- Built Python tools for web scraping data and running market simulations that interact with internal Excel models, automating previously manual processes and enhancing workflow
- Researched competitive landscape for groups of pharmaceuticals in IP litigation, identifying market trends and estimating demand elasticities

Office of the Mayor, City of Chicago | Chicago, IL — May 2015 – August 2015
Mayoral Fellow

- Collaborated in teams to analyze municipal economic indicators to gauge small business growth; compiled indicators into an economic dashboard for use by city officials; developed financial model for internal use

Harvard University | Cambridge, MA August 2015 – May 2016
Study Network Facilitator

- Organized and led weekly homework-help sessions for undergraduate statistics courses

SKILLS AND LANGUAGES

Technical: Python (advanced), Stata (advanced), R (advanced), Julia (intermediate), SAS (basic), Microsoft Office
Languages: English (native), Spanish (advanced), Portuguese (intermediate)