

CLAIRE T. McMAHON

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EDUCATION

Dartmouth College, Hanover, NH

June 2022

Bachelor of Arts: Major in Mathematics, Major in Economics with High Honors

Magna Cum Laude

PROFESSIONAL EXPERIENCE

Market Shaping Accelerator, University of Chicago, Chicago, IL

July 2023 – Present

Research Professional

Faculty Directors: Rachel Glennerster, Michael Kremer, Christopher Snyder

- Model cost-effectiveness of pull funding mechanisms, incorporating social benefit estimation and empirical analysis of market structure impacts on R&D incentives
- Develop theoretical frameworks for optimizing pull mechanism design to incentivize innovation in public goods
- Collaborate with multidisciplinary teams to design policy proposals and synthesize policy recommendations for international health organizations and government agencies

Cornerstone Research, Washington, DC

Sept. 2022 – June 2023

Analyst

- Conducted financial and economic analyses, including regression analysis, time series, and financial modeling, to support expert witness testimony in litigation matters
- Analyzed financial and economic data from various sources, including company financial statements, SEC filings, and industry reports
- Contributed to expert reports and presentations, including drafting written sections and creating graphics and exhibits to visually communicate key findings

PUBLICATIONS

“Quantifying the social value of a universal COVID-19 vaccine and incentivizing its development” (With R. Glennerster, T. Kelly, and C. Snyder), *Review of Economic Design*, 2024.

“Investing in Vaccines to Mitigate Harm From COVID-19 and Future Pandemics” (With R. Glennerster, C. Che, S. Chetik, and C. Snyder), *Disease Control Priorities 4*, forthcoming.

WORKING PAPERS

“IUDs to Degrees: The Impact of Access to Long-Acting Reversible Contraceptives on High School Graduation Rates,” available at SSRN 4944395.

“One and Done? Evidence of Gender and Racial Tokenization on Corporate Boards” (With Y. Li and E. Moon), available at SSRN 4694128.

RESEARCH AND TEACHING EXPERIENCE

Department of Economics, Dartmouth College, Hanover, NH

Jan. 2022 – June 2022

Teaching Assistant, STATA

- Facilitated individual and small group STATA tutoring sessions on data processing and econometrics
- Tutored students on how to apply economic models and econometric methods in their independent research projects in public, labor, and financial economics

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Department of Economics, Dartmouth College, Hanover, NH

Sept. 2020 – June 2021

Research Assistant to Professors Elizabeth Cascio and Claudia Olivetti

- Investigated the relationship between women's labor supply and publicly funded childcare programs during the Works Project Administration (WPA)
- Constructed a dataset matching Census data to WPA emergency nursery school logs based on geolocation
- Conducted literature review to understand the scope of other confounding public assistance programs based on geography

Academic Skills Center, Dartmouth College, Hanover, NH

March 2019 – June 2020

Study Group Leader, Biology and Economics; Individual Tutor, Computer Science

- Facilitated weekly review sessions to further explain concepts covered in lecture in a manner suited to students' individual learning styles
- Taught problem-solving techniques that enhanced students' critical understanding of the material

Department of Mathematics, Dartmouth College, Hanover, NH

June 2019 – Jan. 2020

Research Assistant to Professor Dorothy Wallace

- Modeled tumor growth and radiation response based on cell line culture data using a system of differential equation model in MATLAB

RESEARCH GRANTS AND ACADEMIC AWARDS, DARTMOUTH COLLEGE

Department of Economics Nominee for Rintels Prize, Best Thesis in the Social Sciences	June 2022
Lewis H. Haney Prize in Economics, Outstanding Honors Thesis	June 2022
Department of Economics Outstanding Achievement Award	June 2022
Dartmouth Economics Research Scholars	March 2020 – June 2022
James O. Freedman Presidential Scholar	Sept. 2020 – June 2021
Sophomore Research Scholar	Sept. 2019 – Dec. 2019
Women in Science Project, Research Intern	March 2019 – Sept. 2019

LEADERSHIP & SERVICE

Sexual Assault Peer Alliance (SAPA), Dartmouth College, Hanover, NH

May 2019 – June 2022

Founder of Student Group, Curriculum Chair, New Member Training Leader

- Led a student group of over 100 members who each received 50+ hours of training on how to support peers affected by gender-based violence
- Collaborated with staff counselors, local gender-based violence advocates, and college student affairs and Title IX offices to design and deliver training program
- Increased visibility and accessibility by spearheading multiple outreach initiatives

Student and Presidential Committee on Sexual Assault, Dartmouth College, Hanover, NH

May 2020 – June 2022

Executive Chair

- Collaborated with college administrators, staff, faculty, and students to coordinate campus resources and response policies to sexual assault
- Organized campus-wide events to gather student feedback and address campus concerns

DREAM Youth Mentorship, Dartmouth College, Hanover, NH

Jan. 2020 – June 2022

Mentor, Recruitment Chair

- Mentored underserved youth and teenagers through providing academic assistance, emotional support, personal stability, and empowerment-based support
 - Coordinated with mentors to plan weekly enriching activities for children ages 5 to 17
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