

# SOPHIA SCAGLIONI MELEGARI

☎ +1 214-918-2706 ✉ [sophiascaglioni@gmail.com](mailto:sophiascaglioni@gmail.com) 🌐 [Personal Website](#) 🐙 [Github](#)

## Education

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### Post-Baccalaureate Mathematics Courses

2024 - 2025

Ongoing

University of Cincinnati

### Boston University

2018 - 2022

BA in Economics, BA in Political Science with Honors

3.86/4.0 GPA, Magna Cum Laude

## Employment

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### Massachusetts Institute of Technology

July 2024 – July 2026

Pre-doctoral Research Fellow in Economics

Cambridge, MA

- Incoming Summer 2024

### OpenResearch

May 2023 – July 2024

Quantitative Researcher and Technical Project Manager

San Francisco, CA

- Provided research assistance to a multidisciplinary team of PIs (3 Economists and 2 Political Scientists) on the most comprehensive randomized controlled trial of unconditional cash transfers in the U.S.
- Co-lead technical project management of predefined analyses, administrative data integration, and process documentation to facilitate the submission of working papers to NBER
- Employed advanced statistical methods such as LASSO regressions for variable selection, and False Discovery Rate control to manage multiple hypothesis testing errors in statistical analysis.

## Research Projects

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### Does Income Affect Health?

May 2023 – July 2024

Research Assistant to Sarah Miller, et al.

OpenResearch

- Responsible for cleaning and integrating participant outcomes related to health, including access to health care and app-collected nutrition diary data

### The Employment Effects of a Guaranteed Income

May 2023 – July 2024

Research Assistant to Eva Vivalt, et al.

OpenResearch

- Contributed to dataset creation and analysis for outcomes of the unconditional cash transfer study relating to employment choices, intrahousehold composition, job amenities, and job preferences

### What Can Money Buy?

May 2023 – July 2024

Research Assistant to Alex Bartik, et al.

OpenResearch

- Integrated administrative data on participant assets, and supported the creation and analysis of topics related to subjective well-being, consumption, and financial health of recipients of a basic income

### American Corporate Political Activity by Revealed Preference

March 2021 – January 2022

Undergraduate Honors Thesis

Boston University

- Created an original dataset of scraped-board member data, lobby spending, and PAC donations for firms in the SP500
- Developed and implemented a methodology to clean, aggregate, and analyze data to model relative spending
- Single authored paper, defended findings, and presented at poster session for Honors program

## Honors and Awards

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### Best Undergraduate Thesis in Political Science

May 2022

American Corporate Political Activity by Revealed Preference

Boston University Department of Political Science

## Skills

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**Coding Languages:** R, Stata, Python, JavaScript, CSS, HTML

**Clouds & Databases:** Azure, PostgreSQL

**Visualization & Formatting Tools:** Tableau, LaTeX, Microsoft Office

**Spoken Languages:** English (Native, US Citizen), Italian (Fluent, Italian / EU Citizen), Spanish (Professional and conversational proficiency)