Sarah Raviola

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EDUCATION

PhD, Economics, Duke University, Durham, NC GPA: 3.82/4.00   **Aug 2017 — Present**
- Awards: Summer Research Competitive Fellowship for Third-Year PhD Students and Beyond (2020, 2021)

Master of Science , Economics (*with distinction*)**,** Collegio Carlo Alberto, Turin, Italy   **Sep 2015 — Jul 2017**

Master of Arts, Economics (*summa cum laude*)**,** University of Turin, Turin, Italy GPA: 29.48/30   **Sep 2015 — Jul 2017**
- Awards: Best Dissertation Award (2017); Best Economics Student of the year (2017)

Bachelor of Arts , Economics (*summa cum laude*)**,** University of Turin, Turin, Italy GPA: 29.03/30   **Sep 2012 — Oct 2015**

RELEVANT EXPERIENCE

Project Manager, A City and Its River (Bass Connection Project), Duke University   **Sep 2021 — Present**
- Guide team of 7 undergraduate and graduate students in identifying and quantifying disparities in access to green spaces across Durham and analyzing their historical and political causes
- Coordinate outreach and discussion with local organizations in communities of color to ensure project alignment with community needs

Co-founder, Economics Graduate Student Diversity and Inclusion Committee, Duke University   **Aug 2020 — Present**
- Founded and directed a mentorship program connecting more than 70 applicants from under-represented backgrounds in economics to current PhD students to advise and reduce information frictions in the PhD admission process
- Collaborate with faculty leadership, administration, and PhD students to facilitate initiatives fostering diversity and inclusion in the field of Economics
- Launched 6-workshop series introducing undergraduates to research in economics beyond the traditional course curriculum

Economic Consultant (Summer Intern), Oxera Consulting LLP, Brussels, Belgium   **Jun 2020 — Aug 2020**
- Researched and identified solutions to expand complementary private health insurance in a European country
- Improved econometric modelling and analysis of trade flows between EU and non-EU countries to support client in the next financing round of a large infrastructure project

PAPERS IN PROGRESS

Community Land Trusts and Neighborhood Outcomes
- Compile first nation-wide database of Community Land Trusts housing transactions
- Analyze how Community Land Trusts impact house prices and demographics in the neighborhoods where they are active
- Conduct regression analysis using spatial Difference-in-Differences and Instrumental Variable approaches

Nonprofit Affordable Housing: Benefits and Weaknesses
- Analyze the role of nonprofit housing developers in providing affordable housing
- Constructed dataset of all nonprofit housing transactions in Philadelphia since 2000, including information on building type based on text analysis of all building and construction permits
- Assess nonprofit housing development as a tool for community and economic development (in progress)

Statistical Discrimination in the Housing Market: Investigating the Role of Real Estate Agents
- Quantified bias in how responsive real estate agents' recommendations are to prospective buyer's preferences using 2012 Housing Discrimination Study by the U.S. Department of Housing and Urban Development
- Built a structural model of utility and estimated model parameters by Maximum Likelihood Estimation
- Obtained preliminary evidence that Black buyers are disproportionately impacted by information frictions in the housing market

ACADEMIC EXPERIENCE

Teaching Assistant, Duke University   **Sep 2018 — Oct 2021**
- Fall 2020, Fall 2021: Law319 - Analytical Methods for Lawyers (professor: John de Figueiredo)
- Fall 2018-Fall 2019: Econ210 - Intermediate Macroeconomics (professor: Andrea Lanteri, Kyle Jurado, Cosmin Ilut)

Research Assistant, Duke University   **Jan 2020 — May 2021**
- 2020-2021: Research Assistant for professor Christopher Timmins. Conducted spatial analysis of inequities in housing market outcomes for the largest correspondence study of the housing market run so far
- 2019-2020: Research Assistant for professors David Berger and Sasha Indarte. Processed and analyzed large datasets on mortgage activity and housing purchasing behavior throughout the life cycle

SKILLS

Languages   Italian (native), English (fluent), French (fluent), German (intermediate)

Programming   R (proficient), Python, QGIS, Matlab, Stata, SQL (basic), LaTeX