

## EDUCATION

- PhD, Economics**, Duke University, Durham, NC GPA: 3.82/4.00 **Aug 2017 — May 2022 (expected)**
- 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),  $\LaTeX$