

# Elena D'Agnese

Date and place of birth: 13/02/1998, Genova (Nationality: Italian)

Dipartimento di Economia e Management,

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## Education

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University of Pisa (Pisa, IT), November 2023 – ongoing

### Ph.D. in Life Course Research

XXXIX cycle. Doctoral programme of national interest, headquartered at University of Florence (Florence, IT)

Curriculum: socio-demographic

Scholarship title: *Individual behaviour and its interplay with public policies during pandemic events*

Supervisor: Prof. Piero Manfredi, co-supervisors: Prof. Nicola Salvati, Prof. Barbara Pacini

Ph.D. representative for the 2024-2026 and 2026-2028 mandate

Bocconi University (Milan, IT), September 2020 – December 2022

### Master of Science - Economic and Social Sciences (ESS)

Grade: 110/110 cum laude

Thesis title: *Determinants of protective behavior uptake against COVID-19: empirical evidence from Zimbabwe*

Supervisor: Prof. Alessia Melegaro

Bocconi University (Milan, IT), September 2017 – October 2020

### Bachelor's degree - Economic and Social Sciences (BESS)

Grade: 110/110 cum laude

Thesis title: *1811 ICA case: an analysis of collusive captive banks on the Italian car sales financing market*

Supervisor: Prof. Chiara Fumagalli

Cornell University (Ithaca, U.S.), January 2020 – May 2020

### Exchange program

School of Industrial and Labor Relations (ILR)

## Research Interests

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Interplay individual behaviour – public policy – infectious diseases

Behavioural epidemiology

Vaccine hesitancy

Public Health

## Professional experience

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DONDENA Centre for Research On Social Dynamics and Public Policy (Milan, IT), March 2023 – ongoing

### Research assistant

Research Project: ERC IMMUNE - *Modelling the Impact of huMan behavioUrs on iNfections sprEad*

Focused on the analysis of human behavior in the context of the COVID-19 pandemic. Worked with social contact data (preprocessing and analysis) and on a systematic review concerning epidemic modelling topics. Supported finalization and data cleaning of the IMMUNE data collection project.

Principal investigator: Prof. Alessia Melegaro

European Commission – DG Competition (Bruxelles, BE), July 2021 – October 2021

### **Internship**

Intern at the Chief Economist Team.

Supervisor: Dr. Hendrik Meder

IGIER: Innocenzo Gasparini Institute for Economic Research (Milan, IT), July 2019 – October 2019

### **Research assistant**

Experimental Economics project.

Tutor: Prof. Barbara Rindi

## **Visiting positions**

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Humboldt University (Berlin, DE), January 2026 – Expected August 2026

Visiting Ph.D. student in the School of Business and Economics

Tutor: Prof. Katarzyna Reluga

Fondazione Bruno Kessler (Trento, IT), June 2025 – December 2025

Visiting Ph.D. student in the Health Emergencies Unit

Tutor: Dr. Giorgio Guzzetta

## **Teaching experience**

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Bocconi University (Milan, IT), September 2025 – December 2025

**Teaching assistant**, course: “20886 – Foundations in Social Sciences – Module 1 (Empirical research methods and data analysis)”

Course director: Prof. Giovanni Fattore

## **Publications**

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- Lucchini L., Marziano V., Trentini F., Chiavenna C., D'Agnese E., et al., Implications for distancing measures on in-person school and work attendance from Italian post-pandemic social contact data. 2026, Communications Medicine. <https://doi.org/10.1038/s43856-026-01543-4>
- Balsamo D., Offeddu V., Aghamohammadi Z., Chiavenna C., Leone L. P., D'Agnese E., et al. Mapping inequities in global vaccine sentiment research. BMJ Global Health. 2025;10:e018587. <https://doi.org/10.1136/bmjgh-2024-018587>

### *Preprints*

- Offeddu V., Colosi E., et al., “Advancing coupled behavioural-epidemic models: An interdisciplinary framework for the collection of empirical data” (Available in [MedRxiv](#))

## Seminars and Conferences

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- 2024**      **FloPS - Florence Population Studies Workshop**, Fiesole, IT (oral presentation)
- 2025**      **INF-ACT Conference 2025**, Napoli, IT (poster)
- 11<sup>th</sup> Conference of the European Survey Research Association (ESRA)**, Utrecht, NL (oral presentation)
- BehEpi - Modelling the Dynamics of Behavioural Adaptation During Epidemics** (Satellite of the Conference on Complex Systems 2025), Siena, IT (oral presentation)
- III INF-ACT Annual Meeting**, Rome, IT (poster)
- Workshop “Crossroads in Epi Modelling”**, Milan, IT (invited oral presentation)
- Epidemics 10 - 10th International Conference on Infectious Disease Dynamics**, San Diego, US (poster)

## Language and IT Skills

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Italian (native language); English (Advanced); French (Good)

Proficient in R and Stata. Good knowledge of Python. Basic knowledge of MATLAB, WordPress, SQL, and Photoshop. Proficient user of LaTeX language. Deep knowledge of Office package.

## Other relevant experiences

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- 2024**      **ESPIDAM - European Summer Program in Infectious Disease Analysis and Modelling**, Stockholm
- 2025**      **ESRA Short Course - Collecting Data on Networks and Social Relationships with Social Surveys**, Utrecht