Chiara Micheletti

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Education

Universitat Autònoma de Barcelona - CED/MPIDR — *Barcelona, Spain*

PhD candidate in Demography — *Oct 2022 - Now*

- **Thesis:** Modelling the timing of health deterioration and death: a formal demographic approach

Max Planck Institute for Demographic Research (MPIDR) — *Rostock, Germany*

International Max Planck Research School for Population, Health and Data Science (IMPRS-PHDS) — *Oct 2022 - Now*

- **Courses:** Population Health, Topics in Digital and Computational Demography, Demographic Methods

Centre d'Estudis Demogràfics (CED) — *Barcelona, Spain*

European Doctoral School of Demography (EDSD) — *Sept 2021 - Jul 2022*

- **Courses:** Population Data and Science, Current Population Issues, Demographic Theories, Mathematical Demography, Modelling, Simulation and Forecasting, Statistical Demography

Università degli Studi di Padova — *Padova, Italy*

MSc in Statistics — *Oct 2018 - Mar 2021*

- **Courses:** Statistical Theory and Methods, Data Analysis, Data Mining, Business Analytics, Demography, Social Media Analytics
- **Thesis:** The association between containment measures implemented by countries across the world and excess mortality linked to Covid-19: a study based on functional data analysis

Alma Mater Studiorum - Università di Bologna — *Bologna, Italy*

BSc in Mathematics — *Sept 2014 - Oct 2018*

- **Courses:** Analysis, Geometry, Algebra, Physics
- **Thesis:** Theories of Area and Volume in Euclid and Hilbert

Work Experience

European Doctoral School of Demography — *Rostock, Germany*

Teaching Assistant — *Sept 2025 - Oct 2025*

- **Course:** Basic Mathematics for Demographers

Centre d'Estudis Demogràfics — *Barcelona, Spain*

Conveni de Pràctiques Educatives — *Aug 2022 - Oct 2022*

Università degli Studi di Padova - Statistics Department — *Padova, Italy*

Research Assistant — *May 2021 - Aug 2021*

- Part of the SELECT project (Bando MIUR PRIN 2017)
- Collaborated with Prof. Stefano Mazzuco and Prof. Marco Stefanucci to extend my master thesis
- Improved the analysis incorporating categorical functional data both in the theory and in the R implementation

Scholarships

FI - Joan Oró scholarship: to pursue a PhD in Demography at the Centre d'Estudis Demogràfics — *Barcelona, Spain Jul 2023 - Aug 2024*

DEMOS scholarship: to pursue a PhD in Demography at the at the Centre d'Estudis Demogràfics — *Barcelona, Spain Nov 2022 - Jun 2023*

Erasmus+: to conduct study period abroad at the Universidad Complutense de Madrid, Madrid, Spain — *Bologna, Italy Jan 2017 - Jun 2017*

Publications

On the relationship between life expectancy, modal age at death, and the threshold age of the life table entropy — *Demographic Research*

Micheletti, C., & Villavicencio, F. — *Oct 2024*

doi: 10.4054/DemRes.2024.51.24

Projects

Compression or expansion of morbidity: evaluating life expectancy with and without cardiovascular diseases in Denmark *Under Review*
Micheletti, C., Strozza, C., van Raalte, A., & Permanyer, I.

Time spent with cancer and cardiovascular disease across different ages at death: sex and educational inequalities in Finland, 2000–2020
Micheletti, C., Sharma, S., Martikainen, P., van Raalte, A., & Permanyer, I.

Healthy Outsurvival Probabilities
Micheletti, C., & Permanyer, I.

Conference and Seminar Presentations

Healthy Outsurvival Probabilities
- Poster presentation, PHDS Annual Academy, Rostock, 2025 [Best Poster Award]
- Poster presentation, Population Association of America (PAA) Annual Meeting, St. Louis MO, 2026

Time spent with cancer and cardiovascular disease across different ages at death: sex and educational inequalities in Finland, 2000-2020
- Oral presentation, European Population Conference (EPC), Bologna, 2026
- Oral presentation, Population Association of America (PAA) Annual Meeting, St. Louis MO, 2026
- Oral presentation, MaxHel Annual Meeting, Helsinki, 2025
- Poster presentation, HMD Symposium, Paris, 2025

Multistate distributions and morbidity compression: advancing the debate on ageing and health
- Oral presentation, IPC, Brisbane, 2025
- Oral presentation, PopDays, Cagliari, 2025
- Seminar presentation, MPIDR lab talks, Rostock, 2025
- Oral presentation, HEALIN final workshop, Barcelona, 2025
- Poster presentation, Population Association of America (PAA) Annual Meeting, Wahington D.C., 2025
- Seminar presentation, CPop seminar series, Odense, 2025
- Poster presentation, PHDS Annual Academy, Rostock, 2024 [Best Poster Award]

Compression or expansion of morbidity: evaluating life expectancy with and without chronic conditions in Denmark
- Poster presentation, Population Association of America (PAA) Annual Meeting, Washington D.C., 2025

The Triangular Life Table: a unified framework for the study of mortality and morbidity
- Oral presentation, European Population Conference (EPC), Edinburgh, 2024
- Oral presentation, Population Association of America (PAA) Annual Meeting, Columbus OH, 2024

Other Experience

Peer reviewing Demography, Population Studies, Nature Communications, Demographic Research
Organisation PHDS Graduate Workshop 2026

Skills

Programming R (base, tidyverse, ggplot2), SAS
Miscellaneous LaTeX (Overleaf/R Markdown), Microsoft Office
Soft Skills Teamwork, Problem-solving, Logical Thinking

Languages

Italian Native proficiency
English Full Professional proficiency
Spanish Professional proficiency
French Intermediate level