

# Chiara Zanardello

IRES/LIDAM - UCLouvain

✉ [chiara.zanardello@uclouvain.be](mailto:chiara.zanardello@uclouvain.be) | <https://chiarazanardello.github.io/>

Pl. Montesquieu 3 - 1348 Louvain-la-Neuve, Belgium

Date of birth: 1997 - Citizenship: Italian

## RESEARCH INTERESTS

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Applied microeconomics, economic history, human capital, migration, long-term growth

## DOCTORAL STUDIES

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| 2021 – Present | Ph.D. Candidate Economics  | UCLouvain               |
|                | PhD Project: <i>Human Capital and Knowledge Networks: Market Forces, Scientific Academies, and the Spread of Ideas in Early Modern Europe.</i> |                         |
|                | Supervisor: <i>David de la Croix</i>   |                         |
|                | Expected graduation: <i>Summer 2025</i>  |                         |
| Jan-Jun 2024   | Visiting Graduate Fellow   | Northwestern University |
|                | Host advisor: <i>Joel Mokyr</i>  |                         |

## REFERENCES

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|   |  |   |
|---|--|---|
| <b>Professor David de la Croix</b><br>UCLouvain<br><a href="mailto:david.delacroix@uclouvain.be">david.delacroix@uclouvain.be</a> | <b>Professor Joel Mokyr</b><br>Northwestern University<br><a href="mailto:j-mokyr@northwestern.edu">j-mokyr@northwestern.edu</a> | <b>Professor Joseph F. Gomes</b><br>UCLouvain<br><a href="mailto:joseph.gomes@uclouvain.be">joseph.gomes@uclouvain.be</a> |
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## PRE-DOCTORAL STUDIES

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|-------------|---|----------------------|
| 2020 - 2021 | M.Res. Economics (Joint Degree)           | UCLouvain            |
| 2019 - 2021 | M.Sc. Economics and Political Science     | University of Milan  |
| Fall 2018   | Undergraduate Exchange Program (Erasmus+) | University of Latvia |
| 2016 - 2019 | B.Sc. Economics and Commerce              | University of Verona |

## PUBLICATIONS

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Zanardello, Chiara (2023). “Market forces in Italian Academia today (and yesterday)”. In: *Scientometrics* 128, pp. 651–698. DOI: <https://doi.org/10.1007/s11192-022-04579-0>.

## WORK IN PROGRESS

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- Early Modern Academies, Universities, and Economic Growth **JMP**  
Using a novel micro-level database on Early Modern scholars and educational institutions, I investigate the links between knowledge production and Europe’s economic growth from 1500 to 1800. Micro-level data on scholars’ fields of study reveal that literary academies contribute to an initial decline of population growth rates, an effect that dissipates over time. In contrast, scientific academies drive urban growth 15% faster after 100 years and this effect persists. Additionally, I test the historical evidence about academies fostering universities’ reforms and innovations by showing that scientific academies associate with higher quality of universities in the same cities. Overall, this paper provides the first evidence of the pivotal role scientific academies played in Europe’s economic growth and the modernization of its universities.

- Salvation, Plants, and Cosmos: How Pre-modern Universities Spread Ideas  
(with David de la Croix, and Rossana Scebba)

Having a few good ideas in a lifetime is not uncommon, but for those ideas to spread and evolve, a community is essential. About 200 universities operated in premodern Europe. Together with about 150 academies of sciences which blossomed in the 17th century, they employed thousands of scholars. The ideas developed by these individuals spread across time and space through these institutions. By building a network of scholars exchanging ideas through institutional affiliations (intention to treat), we demonstrate how the European academic landscape exposed cities to new ideas, influencing their development. We highlight examples such as Protestantism, Botanic Gardens, and the publication of calendars. Through counterfactual simulations, we show that both universities and academies played a crucial role, with their interaction proving especially impactful. Ideas gain significance when effectively channelled by powerful institutions.

## TEACHING EXPERIENCE

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2023 *Advanced Macroeconomics III* (TA, Graduate)

UCLouvain

## CONFERENCES, WORKSHOPS, SEMINAR PRESENTATIONS

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- 2024 Economic History Lunch (Northwestern University), Cliometric Society Conference (AU Washington DC), European Doctoral Program Jamboree (Pompeu Fabra University, Barcelona), FRESH workshop “Institutions, human capital, and long-term development: Lessons from pre-modern Europe” (UCLouvain), EHA “Globalization: Perspectives from the Past” (Sacramento, CA)
- 2023 Doctoral Workshop (UCLouvain), IRES Lunch Seminar (UCLouvain), Econometric Society Winter Meeting (UManchester)
- 2022 IRES Lunch Seminar (UCLouvain), Conference “Early modern science, technology, and institutions” (UManchester), Doctoral Workshop (UCLouvain), AMSE Summer School “The Economics of Growth” (Aix-Marseille University), Conference “Religion, culture and economic growth in historical perspective” (UCLouvain)

## SCHOLARSHIPS & GRANTS

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- 2023 **Mobility scholarships:** Scientific Stay Grant (FRS-FNRS), and Travel Grant (FWB)
- 2023 **Ph.D. Fellowship** (within *PDR (FRS-FNRS)* – Main promoter: David de la Croix)
- 2021 **Ph.D. Fellowship** (within *ERC grant 883033* – Supervisor: David de la Croix)
- 2020 **Joint Degree Program UNIMI – UCLouvain**
- 2020, 2021 **Right to University Education (DSU)** (University of Milan)
- 2018 **Erasmus+ Study Abroad Program**
- 2017, 2018, 2019 **Right to University Education (DSU)** (University of Verona)

## DATA PAPERS

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- 2024 Clément, Blandine, and **Zanardello, Chiara** *Scholars and Literati at the Royal Naval Academy of France in Brest (1752–1793)*. Repertorium Eruditorum Totius Europae.  
DOI: <https://doi.org/10.14428/rete.v13i0/ABrest>
- Zanardello, Chiara** *Scholars and Literati at the Academy of Sciences, Letters and Arts of Arras (1737–1793)*. Repertorium Eruditorum Totius Europae.  
DOI: <https://doi.org/10.14428/rete.v12i0/Arras>
- 2023 Clément, Blandine, and **Zanardello, Chiara** *Scholars and Literati at the Academy of Georgofili (1753 – 1800)*. Repertorium Eruditorum Totius Europae.  
DOI: <https://doi.org/10.14428/rete.v11i0/AGeorgofili>

de la Croix, David, and **Zanardello, Chiara** *Scholars and Literati at the University of Modena (1175–1800)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v9i0/UModena>

**Zanardello, Chiara** *Literati and Scholars at the Dissonanti Academy in Modena (1680-1800)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v9i0/AModena>

de la Croix, David, and **Zanardello, Chiara** *Scholars at the Royal Academy of Sciences in Paris (1666-1793)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v9i0/ASc>

2022 **Zanardello, Chiara** *Scholars and Literati at the Philosophical Society of Oxford (1651–1690)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v8i0/AOxford>

Rolla, Cecilia, and **Zanardello, Chiara** *Scholars and Literati at the Academy of Sciences of Bologna (1714–1800)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v7i0/ABologna>

**Zanardello, Chiara** *Scholars and Literati at the University of Turin (1404–1800)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v7i0/UTurin>

2021 de la Croix, David, and **Zanardello, Chiara** *Scholars and Literati at the Academy of Sciences of Turin (1757–1800)*. Repertorium Eruditorum Totius Europae.

DOI: <https://doi.org/10.14428/rete.v5i0/ATurin>

## SKILLS

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Digital Skills R, Stata, L<sup>A</sup>T<sub>E</sub>X, TeamPortal, Matlab, EViews

Languages Italian (mother tongue), English (advanced), French (advanced), German (intermediate)