

Dr A.C.E. (Arlinde) Vrooman

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Current affiliation

Postdoctoral Researcher, Huygens Institute, KNAW

Dec 2025 - present

Postdoctoral Researcher within the project HEAT ("Historische Energietransities en AI-Toepassingen"), at the Department of Data & Collections (Data Management) and affiliated with the LivesLab Research Group.

Previous academic affiliations

• Postdoctoral Researcher, Tilburg University

Dec 2023 - Nov 2025

Postdoctoral Researcher at the Tilburg School of Economics and Management (TiSEM): Department of Strategy & Entrepreneurship (as of August 2024), and the Tilburg Center of the Learning Sciences (TiCeLS) and University College Tilburg (UCT) (both as of December 2023).

• PhD Student, University of Groningen (RUG), Faculty of Economics and Business

Sept 2018 - Mar 2024

Department of Economics, Econometrics and Finance, Economic History Group, and affiliated with the Groningen Growth and Development Center (GGDC) and the Center for Public Health in Economics and Business (CPHEB).

• Student Assistant, Erasmus University

Oct 2017 - Mar 2018

Assisting research within the Erasmus Centre for Urban, Port and Transport Economics.

Education

PhD in Economics (Economic History), University of Groningen	2018-2024
Posthumus Institute Advanced PhD Training Programme, N.W. Posthumus Institute	2023
Posthumus Institute Basic PhD Training Programme, N.W. Posthumus Institute	2018-2021
MSc in Economics and Business: International Economics, Erasmus University, <i>Cum Laude</i>	2017-2018
Honours BSc in Economics and Business Economics, Utrecht University, <i>Cum Laude</i>	2013-2016
Selective Joint Excellence Programme in Economics and Business, LUISS University, Rome, <i>GPA: 4.0/4.0</i>	2014-2015

Publications

- Vrooman, A.C.E. (2025). The colonial response to the development of disease in Ghana and Côte d'Ivoire (ca. 1900-1955): A comparative analysis of British and French colonial health policies. *PLoS ONE*, 20(8): e0329713. <https://doi.org/10.1371/journal.pone.0329713>
- Vrooman, A.C.E. (2024). *Here to Heal? The Effect of Colonial Rule on Disease and Health Care in Ghana and Côte d'Ivoire: ca. 1900-1955* (Doctoral dissertation, University of Groningen). <https://doi.org/10.33612/diss.902625484>
- Vrooman, A.C.E. (2023). The Development of Colonial Health Care Provision in Ghana and Côte d'Ivoire: ca. 1900-1955. *Economic History of Developing Regions*, 38(3), 215-255. <https://doi.org/10.1080/20780389.2023.2209284>

Other research-related outputs

- Vrooman, A.C.E. (2026). Constructing a Dutch Historical Climate Vocabulary (v1.2) based on GLOBALISE. Zenodo. <https://doi.org/10.5281/zenodo.20134102>
- Vrooman, A.C.E. (2026). Constructing a Dutch Historical Climate Vocabulary (v1.1) based on GLOBALISE. Zenodo. <https://doi.org/10.5281/zenodo.19608045>
- Vrooman, A.C.E. (2026). Constructing a Dutch Historical Climate Vocabulary (v1) based on GLOBALISE. Zenodo. <https://doi.org/10.5281/zenodo.18246268>
- Vrooman, A.C.E. (2024, May 15). The Development of Colonial Health Care Provision in Ghana and Côte d'Ivoire, 1900-1955. *Frontiers in African Economic History*. <https://www.aehnetwork.org/blog/the-development-of-colonial-health-care-provision-in-ghana-and-cote-divoire-1900-1955/>

Research in progress

1. A.C.E. Vrooman. Structuring Colonial Health Care Facilities: Understanding the Factors Behind their Spatial Diffusion in Ghana and Côte d'Ivoire, ca. 1900-1950. Status: Manuscript under review. Preprint available on SSRN: <https://dx.doi.org/10.2139/ssrn.6446654>.
2. A.C.E. Vrooman. Economic History of Health Care and Disease in Colonial West Africa: The Cases of Ghana and Côte d'Ivoire. Book contract with Routledge, in the *Perspectives in Economic and Social History Book Series*. Expected publication date: 2027.
3. A.C.E. Vrooman. Constructing Semantically Coherent and Interpretable Historical Vocabularies from Domain-Specific Corpora: An Early Modern Dutch Case Study in Climate and Weather using VOC archives. Status: Manuscript submitted to journal.
4. A.C.E. Vrooman. Curriculum Development in Academic Economics Education: Evidence from Dutch BSc Programmes in Economics and Business Economics (ca. 2010-2025) using Natural Language Processing. Status: Manuscript under review.
5. A.C.E. Vrooman. A Natural Language Processing (NLP) approach for analysing curriculum development based on online course guides: topic modelling and n-gram analysis. Status: Manuscript submitted to journal.
6. A.C.E. Vrooman, J.J.H.M. Brouwer, G. van der Laan. Shaping Future Economists: A Curriculum Mapping Tool for Comparative Analysis of Economics Bachelor Programmes across Dutch Universities. Status: in preparation.

Grants

2020: N.W. Posthumus PhD Grant (€3000)

Teaching experience

2025: Bachelor thesis supervision (840900-B-18), Philosophy of History and Memory (840028-B-6), UCT, BSc Liberal Arts and Sciences

2024: Bachelor thesis supervision (840900-B-18), Institutional Economics (840806-B-6 & 700403-B-6), Individuals and Collectives: Introduction to Business and Economics and Social Sciences (840114-B-6), UCT, BSc Liberal Arts and Sciences

2023: Growth, Institutions and Business (EBB022A05), RUG BSc Economics & Business Economics

2022: Global Business History (EBB038B05), RUG BSc International Business

Conference and seminars

2026, June: 8th Conference on Digital Humanities and Digital History C²DH (Esch-sur-Alzette, presenter)

2026, April: BVNG Dag van de Nieuwste Geschiedenis (Antwerpen; presenter & workshop organizer)

2026, March: GLOBALISE Conference (Amsterdam; participant)

2024, November: TiSEM S&E Workshop Research on Education (Tilburg; presenter)

2024, May: TiCeLS Research Seminar (Tilburg; presenter)

2024, May: 2024 Annual N.W. Posthumus Conference (Leeuwarden; presenter)

2023, June: FEB PhD Conference 2023 (Groningen; presenter)

2023, May: RHI Seminar (Wageningen; presenter)

2022, November: Groningen Growth and Development Centre PhD Workshop (Groningen; presenter)

2022, October: 15th Annual Meeting of the African Economic History Network (Gran Canaria; presenter)

2022, July: XIX World Economic History Congress (Paris; presenter)

2022, June: European Historical Economics Society Conference (Groningen; presenter)

2021, May: 2021 Annual N.W. Posthumus Conference (online; presenter)

2020, October: N.W. Posthumus Research Design Course (online; presenter & commentator)

2020, October: 2020 Annual N.W. Posthumus Conference (online; commentator)

2019, May: N.W. Posthumus PhD Seminar 2 (Antwerp; presenter & commentator)

2018, December: N.W. Posthumus PhD Seminar 1 (Brussels; presenter & commentator)

Other academic activities

- 2019: Organizer seminar series in Political Economy, Growth and Development, and Economic History (PEG-DECH), RUG.
- Peer-reviewing: Economic History of Developing Regions, Medical History.

Skills

Software: Python, Stata, R, QGIS, ArcGIS, LaTeX, Qualtrics, GAMS.

Languages: Dutch, English, French, & Italian.