

Marius Opstrup Morthorst

Department of Economics and Business Economics
Aarhus University
Universitetsbyen 51
8000 Aarhus, Denmark

Phone: +45 28924892
Email: mmorthorst@econ.au.dk
Website: sites.google.com/mariusopstrupmorthorst

Research Interests

Labour, education, and health economics

Academic Employment

- Feb 2026 – present Postdoc, joint between Department of Economics and Business Economics, Aarhus University and the Ragnar Frisch Centre for Economic Research
Project: The economic and behavioral effects of recruitment and retention policies in Nordic militaries
- May 2023 – Jan 2026 Postdoc, Department of Economics and Business Economics, Aarhus University
Project: Vocational training, public policies, and firms' role: Securing the future of marginalized youths

Education and Degrees

- Feb 2020 – Apr 2023 **PhD in Economics**, Aarhus University
Thesis Title: Empirical Studies in Health Economics
Supervisors: Maria Knoth Humlum and Lars Skipper
- Spring 2022 International Visiting Graduate Student, University of Toronto
Visiting Assistant Professor David J. Price
- Dec 2016 – Jan 2020 **MSc in Economics** with specialization in Public Policy, Aarhus University
- Aug 2014 – Dec 2016 **BSc in Public Policy**, Aarhus University

Published Work

- “Sibling Spillovers and the Choice to get Vaccinated: Evidence from a Regression Discontinuity Design” together with Maria Knoth Humlum and Peter Rønø Thingholm, *Journal of Health Economics*, 2024

Working Papers

- “The Effects of Layoffs on Opioid Use and Abuse” together with David J. Price and Peter Rønø Thingholm, revisions requested by *Journal of Human Resources*, [UofT WP no. 794](#)
- “Price Sensitivity and Heterogeneity in Adult Vaccine Take-up: Evidence from an HPV Vaccine Program”, revisions requested by *Health Economics*, [2025 WP](#)
- “Toxic Air and Troubled Minds: The Effect of In-utero Exposure to Air Pollution on Child and Adolescent Mental Health” together with Christina Munkholm Andersen, [CCHE WP no. 250003](#)
- “Constraining Educational Pathways and Increasing Social Mobility: Evidence From a Grade Requirement Reform in Vocational Education”, revisions requested by *Economics of Education Review* [2026 WP](#)

Research in Progress

- “Curb your Enthusiasm: Opioid Regulation, Prescriber Response, and Social Disparity in Health” together with Peter Rønø Thingholm
- “Non-Cognitive Skills and Performance: The Role of Rank” together with Ana Brás-Monteiro and Kristoffer Ibsen

Conferences and Seminar Presentations

† Indicates planned; * Indicates invited

- 2026 Geilo Seminar, University of Oslo/Frisch Centre (Geilo, Norway); Meeting of the Danish Economic Society 2026 (Kolding, Denmark); Seminar, University of Oslo/Frisch Centre (Oslo, Norway); Essen Health Conference (Essen, Germany)[†]; EALE 2026 (Barcelona, Spain)[†]
- 2025 Seminar, University of Zurich (Zurich, Switzerland); Essen Health Conference (Essen, Germany); 14th Annual Conference of the American Society of Health Economists (ASHEcon - Nashville, USA); The Nordic Health Economics Study Group (Oslo, Norway); European Economic Association Congress (EEA - Bordeaux, France); Labour and Public Policy Seminar, Aarhus University (Aarhus, Denmark); Workshop on Education Economics and Policy (WEEP 2025 - Oslo, Norway); Forskermøtet 2025 (Bergen, Norway); Nordic Public Policy Symposium (NPPS 2025 - Oslo, Norway)
- 2024 Seminar, Danish Centre for Health Economics, University of Southern Denmark (Odense, Denmark)^{*}; Seminar, The Norwegian Institute of Public Health (Oslo, Norway); The Nordic Summer Institute in Labour Economics (NSI - Aarhus, Denmark); Second International Leading House Conference on the “Economics of Vocational Education and Training” (Zurich, Switzerland); Fourteenth International Workshop on Applied Economics of Education (IWAAEE - Catanzaro, Italy); European Association for Population Economics (ESPE - Rotterdam, The Netherlands); 4th Meeting on Quantitative Education Research in Denmark (QERD - Vejle, Denmark)

- 2023 Economics and Business Economics Seminar, Aarhus University (Aarhus, Denmark); Essen Health Conference (Essen, Germany); Society of Economics of the Household (SEHO - Copenhagen, Denmark); 12th Annual Conference of the American Society of Health Economists (ASHEcon - St. Louis, USA); The Nordic Health Economics Study Group (Odense, Denmark); 1st CINCH-dggö Academy in Health Economics (Essen, Germany)
- 2022 Empirical microeconomics brown bag seminar, University of Toronto (Toronto, Canada); European Association for Population Economics (ESPE - Cosenza, Italy); 11th Annual Conference of the American Society of Health Economists (ASHEcon - Austin, USA); European Economic Association Congress (EEA-ESEM - Milan, Italy); DGPE Workshop (Vejle, Denmark); NFA Workshop on working environment economics (Roskilde, Denmark)
- 2021 PhD Lunch Seminar, Aarhus University (Aarhus, Denmark); Essen Health Conference (Virtual); Labour and Public Policy Seminar, Aarhus University (Aarhus, Denmark); 10th Annual Conference of the American Society of Health Economists (ASHEcon - Virtual); DGPE Workshop (Ringsted, Denmark)
- 2020 European Economic Association Congress (EEA - Virtual); Essen Health Conference (Virtual); DGPE Workshop (Virtual)

Grants and Funding

Co-Applicant

- Feb 2023 – Jan 2026: The Spar Nord Foundation “Vocational training, public policies, and firms’ role: Securing the future of marginalized youths”. 2.196.804 DKK. CO-PI and grant owner Maria Knoth Humlums. Role: Co-PI and lead researcher responsible for carrying out the project
- Feb 2026 – Jan 2028: The Rockwool Foundation ”The economic and behavioral effects of recruitment and retention policies in Nordic militaries”. 4.359.000 DKK. PI and grant owner Peter Rønø Thingholm. Role: Central project role with lead responsibility for the Danish data.

Funded by

- Feb 2020 – Jan 2023: PhD fellowship funded Maria Knoth Humlum’s project: “The Economic and Behavioral Effects of the National HPV Vaccination Program in Denmark: Health Investments, Risky Behavior and Social Interactions of Youths and Their Families”. From the Independent Research Fund Denmark (Grant no. 8106-00013B.).

Awards

- Best Paper Award, 1st CINCH-dggö Academy in Health Economics 2023

Other academic Affiliations

- Nov 2021 – present Fellow, TrygFonden’s Center for Child Research, Aarhus University
- Apr 2022 – present Fellow, Canadian Centre for Health Economics, University of Toronto

Teaching Experiences

2026	Lecture (course responsible), <i>Applied Public Policy</i>	Aarhus University
2025	Lecture (course responsible), <i>Applied Public Policy</i>	Aarhus University
2024	Lecture (course responsible), <i>Applied Public Policy</i>	Aarhus University
2023	Lecture, <i>Econometric Methods in Economic Consulting</i>	Aarhus University
2022	Lecture, <i>Econometric Methods in Economic Consulting</i>	Aarhus University
2021	Lecture, <i>Econometric Methods in Economic Consulting</i>	Aarhus University
2021	TA, <i>Econometrics</i>	Aarhus University
2020	TA, <i>Econometrics</i>	Aarhus University

Bachelor theses supervision: 2021: 2 students, 2023: 8 students, 2024: 5 students; 2025: 6 students

Master theses supervision: 2024: 2 student; 2025: 4 students

Other academic dissemination

Referee: *Scandinavian Journal of Economics*; *Empirical Economics*; *Social Psychiatry and Psychiatric Epidemiology*; *International Journal of Drug Policy*

Data and software skills

- **Data:** +8 years experience working with Danish administrative register data
- **Coding skills:** R (advanced), SAS (advanced), Stata (advanced), \LaTeX (proficient), Python (basic), Git (basic)

Other work experience

2018–2020	Student assistant, Rambøll Management Consulting
2019	Student assistant, Department of Economics, Aarhus University
2017–2018	Student assistant, Department of Employment, Silkeborg Municipality
2016	Student assistant, TrygFonden’s Centre for Child Research, Aarhus University

References

- **Maria Knoth Humlum**, Professor, Department of Economics and Business Economics, Aarhus University, mhumlum@econ.au.dk, +45 87165568
- **Peter Rønø Thingholm**: Associate Professor, Department of Economics and Business Economics, Aarhus University, pthingholm@econ.au.dk, ++45 23697822
- **Lars Skipper**: Associate Professor, Department of Economics and Business Economics, Aarhus University, lskipper@econ.au.dk, +45 87164991

– **David J. Price:** Assistant Professor, Department of Economics, University of Toronto,
david.price@utoronto.ca, +1 4169785143

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