

# Marius Opstrup Morthorst

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## Research Interests

Labour, education, and health economics

## Current Position and Affiliations

2023–present Postdoc, Department of Economics and Business Economics, Aarhus University  
2021–present Fellow, TrygFonden’s Center for Child Research, Aarhus University  
2022–present Fellow, Canadian Centre for Health Economics, University of Toronto

## Education and Degrees

2020–2023 **PhD in Economics**, Aarhus University  
Thesis Title: Empirical Studies in Health Economics  
Supervisors: Maria Knoth Humlum and Lars Skipper  
2022 International Visiting Graduate Student, University of Toronto  
Visiting Assistant Professor David J. Price  
2016–2020 **MSc in Economics** with specialization in Public Policy, Aarhus University  
2014–2016 **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, *submitted*, [UofT WP no. 794](#)

- “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, [2025 draft](#)
- “Risky Behaviors and Price Sensitivity in Preventive Health Care Utilization: Evidence from an HPV Vaccine Program”, [2024 draft](#)

## Research in Progress

- “Human Capital and Labor Market Returns for Marginal Students: Evidence From a Grade Requirements in Vocational Education”
- “Non-Cognitive Skills and Performance: The Role of Rank” together with Ana Brás-Monteiro and Kristoffer Ibsen

## Conferences and Seminar Presentations

<sup>†</sup> *Indicates planned*

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| 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) <sup>†</sup> ; The Nordic Health Economics Study Group (Oslo, Norway) <sup>†</sup> ; European Economic Association Congress (EEA - Bordeaux, France) <sup>†</sup> ; Labour and Public Policy Seminar, Aarhus University (Aarhus, Denmark) <sup>†</sup>   |
| 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 (IWAE - 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 Awards

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

2023-2026 The Spar Nord Foundation (Co-PI) 2.196.804 DKK for the project *Vocational training, public policies, and firms' role: Securing the future of marginalized youths.*

## Teaching Experiences

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:** +6 years experience working with Danish administrative register data
- **Coding skills:** R (advanced), SAS (advanced), Stata (advanced),  $\text{\LaTeX}$  (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 available on request**

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