

# JIMMY KARLSSON

Curriculum Vitae (October 2024)

Department of Economics · University of Gothenburg  
Vasagatan 1 · PO Box 640 · 405 30 Gothenburg, Sweden  
[jimmykarlsson.com](http://jimmykarlsson.com) · +46 738 13 91 00  
[jimmy.karlsson@economics.gu.se](mailto:jimmy.karlsson@economics.gu.se)

## RESEARCH INTERESTS

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Environmental Economics, Labor Economics

## EDUCATION

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- 2020 – 2025    **Ph.D. in Economics**, Department of Economics,  
(expected)    University of Gothenburg  
Supervisors: Ass. Prof. Jessica Coria and Prof. Mikael Lindahl  
Dissertation Title: *Essays in Environmental and Labor Economics*
- 2024            Research Visit: EnergyEcoLab, UC3 Madrid (Spring)
- 2017 – 2019    **M.Sc. in Economics**, Department of Economics,  
University of Gothenburg  
Thesis: *Temperature & Exports - Evidence from the United States*
- 2018            Exchange Semester, Solvay Brussels School of Economics & Management,  
Université Libre de Bruxelles (Spring)
- 2014 – 2017    **B.Sc. in Economics**, Department of Economics, University of Gothenburg

## WORK IN PROGRESS

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*Climate Policy and Labor Market Inequality* [JOB MARKET PAPER]

This project investigates the effects of carbon taxation on labor market inequality in Sweden. Using matched employer-employee data from the Swedish registers for the years 2004-2018, I estimate the effects of a reform that increased the stringency of the tax for a subset of firms in the manufacturing sector. Using a difference-in-difference framework, I find that the reform significantly reduced emissions among treated firms. However, it also reduced the employment of workers without a high school degree. This effect is driven by a reduction in the hiring rate of this group. I do not find significant impacts on annual income among incumbent workers. The results show that carbon taxation has heterogeneous employment impacts, and that complementary policies might be needed to address labor market inequalities when implementing climate policy.

### *Climate Policy and Wage Adjustments*

Following the previous literature on productivity shocks and wage adjustments, this project studies rent sharing between firms and workers exposed to exogenous economic shocks induced by climate policy.

### PEER-REVIEWED PUBLICATIONS

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Karlsson, J. (2021). Temperature and Exports: Evidence from the United States.  
*Environmental and Resource Economics*, 80(2), 311-337.  
[doi.org/10.1007/s10640-021-00587-5](https://doi.org/10.1007/s10640-021-00587-5)

This paper estimates the effect of exogenous short-term temperature changes on the economy of the United States, using high-resolution data on monthly exports, which has not been previously exploited in the literature. The detailed disaggregation of U.S. export data into sectors enables a top-down estimation of the net effect of temperature, while also identifying potential mechanisms at the micro level. Using an econometric specification that allows high parametric flexibility, I find significantly negative effects of both high and low temperatures. The magnitude of the effects corresponds to an average reduction of annual U.S. exports by 0.20%, following a uniform 2°C temperature increase. Industry heterogeneity in the temperature effect suggests disparate mechanisms behind hot and cold days, which are important to take into account when estimating the future economic damages of climate change in the United States.

## REFeree ACTIVITY

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Oxford Economic Papers

## GRANTS

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2023            Adlerbert Travel Scholarship (20,000 SEK)

Hedelius Travel Stipend (300,000 SEK)

2022            Adlerbert Travel Scholarship (20,000 SEK)

## SEMINARS AND CONFERENCES (SCHEDULED\*)

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2024            EAERE Annual Conference (KU Leuven); Annual PhD workshop  
(U Gothenburg); EnergyEcoLab (UC3 Madrid); EALE Annual Conference\*  
(NHH Bergen); Applied Micro Brownbag\* (U Gothenburg); Micro Seminar\*  
(NHH Bergen)

2023            Environmental Economics Seminar (U Gothenburg); CERE (U Umeå);  
Annual PhD workshop (U Gothenburg)

2022            Annual PhD workshop (U Gothenburg)

2021            Environmental Economics Seminar (U Gothenburg)

## OTHER ACTIVITIES

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- 2022 – 2023     Organizer of the Environmental Economics Seminar Series,  
Department of Economics, University of Gothenburg
- 2020 – 2021     Student Representative at the Research and Doctoral Education Board,  
Department of Economics, University of Gothenburg
- 2018             Research Internship, Department of Economics, University of Gothenburg

## ADDITIONAL EDUCATION

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- 2023             *Wage Determination*, Summer School, Barcelona School of Economics
- 2022             *New Developments in the Econometrics of Heterogeneous Workers and Firms*, CEMFI Summer School, Madrid
- 2022             *Research Ethics*, Department of Economics, University of Gothenburg
- 2021             *Teaching in Higher Education*, Department of Economics,  
University of Gothenburg

## TEACHING (UNDERGRADUATE LEVEL)

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- 2022 – 2023     International Economics
- 2022 – 2023     Intermediate Macroeconomics
- 2021 – 2023     Macroeconomics
- 2021 – 2023     Economics in Practice
- 2021             Stata support for thesis work

## WORK EXPERIENCE

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- 2019 – 2020     Research Assistant (full-time), Department of Economics,  
University of Gothenburg
- 2015 – 2017     Optical Assistant (part-time), Synoptik, Gothenburg

## SKILLS

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L<sup>A</sup>T<sub>E</sub>X, R, Stata, SQL

## LANGUAGES

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Swedish (native), English (fluent), Spanish (good)

## REFERENCES

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Jessica Coria (supervisor)  
Associate Professor  
Department of Economics  
University of Gothenburg  
[jessica.coria@economics.gu.se](mailto:jessica.coria@economics.gu.se)

Mikael Lindahl (supervisor)  
Professor  
Department of Economics  
University of Gothenburg  
[mikael.lindahl@economics.gu.se](mailto:mikael.lindahl@economics.gu.se)