

Chris Muris

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Positions

Jun 20 – now **Associate professor**,
Department of Economics, McMaster University.

Jan 18 – Jun 20 **Associate professor**,
Department of Economics, University of Bristol.

Sep 17 – Apr 18 **Associate professor (with tenure)**,
Department of Economics, Simon Fraser University.

Sep 11 – Aug 17 **Assistant professor**,
Department of Economics, Simon Fraser University.

Oct 10 – Sep 11 **Postdoctoral research fellow**,
CRC “Poverty, Equity and Growth in Developing Countries”, University of Göttingen.

Visiting positions

Feb 24 – Apr 24 **Visiting scholar**, *Department of Economics, University of Arizona.*

Sep 18 – Dec 18 **Visiting scholar**, *Department of Economics, University of Berkeley.*

Jan 10 – Apr 10 **Visiting Research Student**, *Department of Economics, University College London.*

Education

2007 – 2011 **PhD Economics**, *CentER, Tilburg University*,
Dissertation title: Panel data econometrics and climate change.
Chair: Jan R. Magnus.

2006 – 2007 **MSc Master of Philosophy in Economics**, *CentER, Tilburg University.*

2005 – 2006 **MSc Mathematical Economics and Econometric Methods**, *Tilburg University.*

2003 – 2005 **Honours Programme**, *Tilburg University.*

2003 – 2005 **BSc International Economics and Finance**, *Tilburg University.*

2002 – 2005 **BSc Econometrics and Operations Research**, *Tilburg University.*

Publications

18. Dynamic Ordered Panel Logit Models (2024, with Bo Honore and Martin Weidner), *Quantitative Economics*, forthcoming.
17. Combining Instrumental Variable Estimators for a Panel Data Model with Factors (2024, with Matthew Harding and Carlos Lamarche), *Journal of Business Economics and Statistics*, forthcoming.
16. Identification of time-varying counterfactual parameters in nonlinear panel models (2024, with Irene Botosaru), *Journal of Econometrics*, forthcoming.
15. A dynamic ordered logit model with fixed effects (2024, with Pedro Raposo and Sotirios Vondoros), *Review of Economics and Statistics*, forthcoming.
14. Intertemporal Collective Household Models: Identification in Short Panels with Unobserved Heterogeneity in Resource Shares (2022, with Irene Botosaru and Krishna Pendakur), *Journal of Econometrics*, forthcoming.
13. DICE simplified (2021, with Masako Ikefuji, Roger Laeven, and Jan Magnus), *Environmental Modelling and Assessment*, 26, 1-12.
12. Interval Censored Regression with Fixed Effects (2020, with Jason Abrevaya), *Journal of Applied Econometrics*, 35 (2), 198-216.
11. Efficient GMM Estimation with Incomplete Data (2020), *Review of Economics and Statistics*, 99 (3), 465-477.
10. Expected Utility and Catastrophic Risk in a Stochastic Economy-Climate Model (2020, with Masako Ikefuji, Roger Laeven and Jan Magnus), *Journal of Econometrics*, 214, 110-129.
9. Estimation in the Fixed Effects Ordered Logit Model (2017), *Review of Economics and Statistics*, 99 (3), 465-477.
8. The Trade-off Between Income Inequality and Carbon Dioxide Emissions (2017, with Nicole Grunewald, Stephan Klasen, and Inmaculada Martinez-Zarzoso), *Ecological Economics*, 142, 249-256.
7. Model Averaging in Semiparametric Estimation of Treatment Effects (2016, with Toru Kitagawa), *Journal of Econometrics*, 193 (1), 271-289.
6. Expected Utility and Catastrophic Consumption Risk (2015, with Masako Ikefuji, Roger Laeven and Jan Magnus), *Insurance: Mathematics and Economics*, 64, 306-312.
5. Do Climate Variations Explain Bilateral Migration? A Gravity Model Analysis (2015, with Andreas Backhaus and Inmaculada Martinez-Zarzoso), *IZA Journal of Migration*, 4:3.
4. Statistical climate-change scenarios (2013, with Bertrand Melenberg, Jan Magnus and Martin Wild), *Journal of Environmental Statistics*, 5 (4), 1-18.
3. Pareto utility (2013, with Masako Ikefuji, Roger Laeven and Jan Magnus), *Theory and Decision*, 75, 43-57.
2. Global warming and local dimming: The statistical evidence (2011, with Jan Magnus and Bertrand Melenberg), *Journal of the American Statistical Association*, 106, 452-464.
1. Specification of variance matrices for panel data models (2010, with Jan Magnus), *Econometric Theory*, 26, 301-310.

- 2024 University of Arizona
- 2023 International Association for Applied Econometrics, Oslo; International Panel Data Conference, Amsterdam; Southern Economic Association, New Orleans; Advances in Econometrics, Bloomington
- 2022 Panel data workshop, University of Amsterdam; Econometrics workshop, University of Rochester; International Panel Data Conference, Bertinoro; International Symposium on Nonparametric Statistics, Paphos; Panel data workshop, Oxford University
- 2021 Canadian Econometric Study Group, Vancouver; Southern Economic Association, Houston; University of Leuven; University of Toronto
- 2020 University of Leuven; University of Tübingen; Munich; Tilburg University; University of Amsterdam; CEMMAP workshop on missing data
- 2019 CREST; Panel data workshop (invited, Amsterdam); Royal Economic Society (Warwick); Humboldt-Universität zu Berlin; International Panel Data Conference (Vilnius); Conference of the International Association of Applied Econometrics (Nicosia); Erasmus University Rotterdam; McMaster University
- 2018 UC Berkeley; UC Davis; American Economic Association Winter Meeting (Philadelphia); University of Surrey; First Italian Workshop of Econometrics and Empirical Economics
- 2017 Berkeley-Stanford Econometrics Jamboree (invited); Seattle-Vancouver Econometrics Conference
- 2016 University College London; Duke University; University of Texas at Austin; University of Bristol; University of Mainz; Maastricht University; Queen's University; Simon Fraser University; Bristol Econometric Study Group; Asian Meeting of the Econometric Society (Kyoto); Advances in Microeconometrics (Kyoto); International Conference on Computational and Financial Econometrics (Seville); Seattle-Vancouver Econometrics Conference
- 2015 University of Kentucky; Católica Lisbon; Canadian Economic Association Meetings (Toronto)
- 2014 Maastricht University; University of Washington; Georgia State University; Seattle-Vancouver Econometrics Conference
- 2013 University of British Columbia; Toulouse School of Economics; Tilburg University; Meeting of the Canadian Econometric Study Group (Waterloo); University of Victoria
- 2012 Georg-August-Universität Göttingen; International Panel Data Conference (Paris)
- 2011 University of Queensland; Monash University; Simon Fraser University; Institute for Advanced Studies, Vienna; University of Bristol; Georg-August-Universität Göttingen; Arnoldshain Seminar; European Meeting of the Econometric Society (Oslo)
- 2010 Durham Business School; University College London; Leibniz Universität Hannover; Tilburg University; Georg-August-Universität Göttingen; Royal Dutch Meteorological Institute; Institute for Atmosphere and Climate, ETH Zürich; Econometric Society European Winter Meeting (Rome); World Congress of Environmental and Resource Economists (Montreal)
- 2009 Department of Mathematics, J. J. Strossmayer University Osijek; Tilburg University; Netherlands Econometrics Study Group Meeting (Amsterdam)

Grants

- 2023 Connection Grant (Social Sciences and Humanities Research Council)

- 2021 Insight Grant for "New methods for analyzing repeated ordered response data, with an application to the consumer confidence index", PI (Social Sciences and Humanities Research Council)
- 2019 Fast Track Benjamin Meaker small grant award for Krishna Pendakur, PI (Institute for Advanced Studies, University of Bristol)
- 2015 Insight Development Grant for "Big Panel Data", PI (Social Sciences and Humanities Research Council)
- 2015 Grant for organizing the 2015 Seattle-Vancouver Econometrics Conference (Simon Fraser University)
- 2011 Vice President's Research Grant (Simon Fraser University)

Teaching

McMaster University

- 2021– Advanced Microeconometrics (ECON 769, PhD)
- 2021– Analysis of Economic Data (ECON 2B03)

University of Bristol

- 2020 Data science for economics
- 2019 Quantitative methods 5
- 2018–2020 Applied Quantitative Research Methods

Simon Fraser University

- 2017 Applied data analysis for economics (ECON387)
- 2012–2017 Econometric methods (ECON435)
- 2012–2017 Statistical analysis of economic data (BUEC333)
- 2011–2016 Econometric theory IIB (ECON839, PhD)

Tilburg University

- 2009–2010 Proofs and techniques
- 2007–2009 Mathematical analysis
- 2007 Macroeconomics of pensions and aging
- 2006–2010 Introduction to mathematical economics and econometric methods
- 2004–2005 Programming for econometrics
- 2003–2008 Mathematics and statistics courses in business and economics programs

Graduate students

I co-advised the following graduate students:

- PhD Qichen Zhang, Reza Sattari, Tenzin Yindok, Edouard Djeutem, Ideen Riahi, Georgi Boichev, Christoph Eder, Sophie Wang, Thomas Vigie, Shiqu Zhou
- MA Yuebing Liu

Refereeing

Journal of the American Statistical Association; Journal of Econometrics; Review of Economics and Statistics; Journal of Econometric Methods; Econometric Reviews; Biometrika; Journal of Business Economics and Statistics; Econometric Theory; Resource and Energy Economics; Nature Climate Change; Empirical Economics

Service activities

2021-2025 Board of reviewing editors, PNAS Nexus

McMaster University

2022-2023 Tenure and promotion committee; Graduate admissions committee

2021-2022 Recruitment committee; Graduate admissions committee

2020-2021 Tenure and promotion committee; Recruitment committee

University of Bristol

2021-2022 Graduate admissions committee

2020-2022 Hiring committee

2020-2021 Tenure and promotion committee

University of Bristol

2019 Extenuating circumstances committee

2019 Organizer of the graduate student research seminar

2018 Organizer and program committee member of the annual Econometric Study Group meeting

SFU

2016-2017 Computing committee

2015 Organizing the Seattle-Vancouver Econometrics Conference

2015 Graduate Program committee

2015 Computing committee

2014 Assisted in organizing the Canadian Econometric Study Group meetings

2014 Graduate program committee

2014 Graduate admissions committee

2013 Tenure and promotion committee

2012 Appointments committee