

MIRCEA GHERGHINA

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Department of Sociology, University of Toronto ◊ Unit 17100, 17th Floor, 700 University Ave., Toronto, ON M5G 1Z5

EDUCATION

University of Toronto , Canada PhD in Sociology	expected 2025
University of Bristol , United Kingdom MSc in Social Science Research Methods (with Distinction)	2016
Bucharest University of Economic Studies , Romania Bachelor of Economics	2014
University of Amsterdam , the Netherlands Erasmus student	2012-2013

RESEARCH INTERESTS

environmental policy, economic sociology, inequality, sociology of organizations, sociology of technology, computational social science

REFEREED JOURNAL ARTICLES

Dokshin, Fedor A., and **Gherghina, M.** 2024. "Party Affiliation Predicts Homeowners' Decisions to Install Solar PV, but Partisan Gap Wanes with Improved Economics of Solar." *Proceedings of the National Academy of Sciences* 121(29)

Dokshin, Fedor A., **Gherghina, M.**, and Thiede, B.C. 2024. "Closing the Green Gap? Changing Disparities in Residential Solar Installation and the Importance of Regional Heterogeneity." *Energy Research & Social Science* 107:103338

MANUSCRIPTS IN PROGRESS

Gherghina, M., Dokshin, F.A., Leffel, B. *What explains social disparities in solar PV performance?* - under review

Gherghina, M. *Technology stacking and inequality* - in preparation for submission

Gherghina, M. *Energy Providers, Cooperatives, and Green Technology Adoption* - data analysis

Gavris, A., **Gherghina, M.** *From Activism to Technological Fixes: The Case of the Virgin Forests in Romania* - in preparation for submission

BOOK CHAPTERS & REVIEWS

Gherghina, M. (2020) Book review: Empirical Research on an Unconditional Basic Income in Europe, edited by Lei Delsen, *British Journal of Industrial Relations*, 58: 1054-1056

Gherghina, M., McNeill, S., Abdi, K. (2019) Insights from network analysis in Somalia In Keating, M. and Waldman, M. (eds.) *War and Peace in Somalia: National Grievances, Local Conflict and Al-Shabaab*. London: Hurst Publications

GRANTS AND AWARDS

Ontario Graduate Scholarship, 2024 - 2025

Doctoral Completion Award, 2023-2024

Climate Positive Energy Graduate Scholarship, 2022 - 2023

Connaught International Scholarship for Doctoral Students, 2019 - 2023

Summer Research Fellowship, University of Toronto, 2022

Research Stimulus Grant, Department of Sociology, University of Toronto, 2020, 2021

Recognition of Excellence Award, Department of Sociology, University of Toronto, 2019

Sociology Admission Merit Award, Department of Sociology, University of Toronto, 2019

Bristol Alumni Foundation Conference Travel Grant, 2016

CONFERENCE AND INVITED PRESENTATIONS

December 2023, *Making Cleantech: The Emergence of Carbon Capture as a Response to Climate Change* - Sociology Climate Pipeline Workshop, Harvard University

November 2023, *Making Cleantech: The Emergence of Carbon Capture as a Response to Climate Change* - 4S Annual Conference, Honolulu

August 2023, *Technology Stacking, Urban (Re)Development, and Inequality* - American Sociological Association Annual Meeting, Philadelphia

June 2023, *Energy Providers, Cooperatives, and Green Technology Adoption* - Canadian Sociological Association Annual Conference, York University, Toronto

August 2022, *Closing the green gap?: Trends in residential solar installation disparities by race, income, and rurality* - American Sociological Association Annual Meeting, Los Angeles

August 2022, *Capturing Carbon: Innovation, Values, and the Emergence of a Clean Technology, 1996-2021*, Climate Positive Energy Research Day 2022 – Advancing our Net-Zero Future, University of Toronto

June 2022, *Political party affiliation predicts homeowners' decisions to install solar PV, but high electricity rates mitigate the partisan gap: Evidence from large-scale administrative data* - Energy and Climate Transformations: 3rd International Conference on Energy Research & Social Science, University of Manchester

June 2022, *Closing the green gap?: Trends in residential solar installation disparities by race, income, and rurality* - Energy and Climate Transformations: 3rd International Conference on Energy Research & Social Science, University of Manchester

May 2022, *Capturing Carbon: Innovation, Values, and the Emergence of a Clean Technology, 1996-2021*- Research perspectives on CCUS, Climate Positive Energy Initiative, University of Toronto

July 2021, *Framing risk: Central banks in the age of climate change* - Society for the Advancement of Socio-Economics Conference

August 2020, *Start-ups, Embeddedness, and Investment Networks* - American Sociological Association Annual Conference

RESEARCH EXPERIENCE

University of Toronto
Research Assistant

September 2019 - August 2022
Toronto, Canada

· RA for Dr. Fedor Dokshin, Department of Sociology

Transparency Solutions
Independent researcher

February 2016 - August 2019
Germany / United Kingdom

- Conducting research on the political and economic situation in the Horn of Africa, working together with Transparency Solutions for various clients, including the Department of International Development of the British Government and the Danish Government

Brigstow Institute, University of Bristol

Research Intern

January - June 2016

Bristol, UK

- Data collection

SPAIS, University of Bristol

Research Assistant

February - August 2015

Bristol, UK

- Research support to Dr. Popa (data collection and GIS)

Vienna Institute for International Economic Studies

Research Intern

November 2013

Vienna, Austria

- Comparative economic research

TEACHING EXPERIENCE

University of Toronto:

Course instructor

Winter 2024 - CCT416 Social Data Analytics

Teaching assistant

Winter 2023, Fall 2022, Winter 2020 - SOC202 Intro to Quantitative Methods

Winter 2022 - SOC497 Computational Methods in Sociology

Winter 2022 - ENV350 Energy Policy & Environment

Winter 2023, Winter 2021, Summer 2021 - SOC270 Intro to Social Networks

Fall 2019, Fall 2020 - SOC306 Economic Sociology

TRAINING

2021 - ICPSR Summer Program at the University of Michigan (Data Science and Text Analysis, Causal Inference for the Social Sciences, Maximum Likelihood Estimation II: Advanced Topics)

2021 - Certificate in Teaching Fundamentals - Centre for Teaching Support and Innovation, University of Toronto

PROFESSIONAL EXPERIENCE

European Central Bank

Principal Communications Assistant

August 2017 - July 2018

Frankfurt, Germany

- Directorate General Communications, Global Media Relations

European Central Bank

Trainee

January 2017 - August 2017t

Frankfurt, Germany

- Directorate General Communications, Web and Digital Division

University of Bristol

Web and Communication Intern

September 2015 - July 2016

Bristol, UK

- Marketing and Communications Department

ACADEMIC SERVICE

2021/ 2022 - Hiring committee - Environmental Justice AP position, University of Toronto - Mississauga
2022 - Membership committee - Environmental Sociology, American Sociological Association

MEMBERSHIP

American Sociological Association, IEEE Society on Social Implications of Technology

REVIEWER

Academy of Management Annual Conference 2020, 2021

LANGUAGE SKILLS

Romanian (native), English (fluent), German (intermediate)

COMPUTER SKILLS

Research Software	R, STATA, SPSS, UCINET, Gephi, QGis, ArcGis, Arc2Earth
Languages	Python , HTML (advanced)