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Fedor A. Dokshin

Research interests Energy & environment, computational social science, social networks, organizations

Appointment **University of Toronto**
Assistant Professor, Sociology 2017 – Present

- Affiliate Faculty, Centre for Global Social Policy
- Member, Climate Positive Energy
- Member, Data Sciences Institute
- Collaborator, Justice Network on Energy in Sustainability Transitions

Education **Cornell University**
Ph.D., Sociology 2017

Cornell University
B.A., Sociology, Government 2009

Publications
*=grad. student **Unequal Solar PV Performance by Neighborhood Race and Income Partly Reflects Financing Models and Installer Choice**
Gherghina, Mircea,* Fedor A. Dokshin, Ben Leffel
Nature Energy, 2025.

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

Assessing Potential for Policy Feedback from Renewable Energy Incentive Programs.
Dokshin, Fedor A.
npj Climate Action, 2024.

Enough but Not Too Many: A Bi-Threshold Model for Behavioral Diffusion.
Alipour, Fahimeh, Fedor A. Dokshin, Zeinab Maleki, Yunya Song, Pouria Ramazi
PNAS Nexus, 2024.

Closing the Green Gap?: Trends in Residential Solar Installation Disparities by Race, Income, and Rurality.
Dokshin, Fedor A., Mircea I. Gherghina,* and Brian Thiede.
Energy Research & Social Science, 2024.

A Framework to Center Justice in Energy Transition Innovations (CJI).

P. Romero-Lankao, N. Rosner, C. Brandtner, C. Rea, A. Mejia-Montero, F. Pilo, F. Dokshin, V. Castan-Broto, S. Burch, S. Schnur
Nature Energy, 2023.

Revised Estimates of Racial and Ethnic Disparities in Rooftop PV Deployment in the United States.

Dokshin, Fedor A. and Brian C. Thiede
Nature Sustainability, 2023.

The Public Speaks: Using Large-Scale Public Comments Data in Public Response Research.

Dokshin, Fedor A.
Energy Research & Social Science, 2022.

Variation of Public Discourse about the Impacts of Fracking with Geographic Scale and Proximity to Proposed Development.

Dokshin, Fedor A.
Nature Energy, 2021.

NIMBYs and Partisans: How Material Interests and Partisanship Shape Public Response to Shale Gas Development.

Dokshin, Fedor A.
Environmental Politics, 2020.

Peer Review and the Production of Scholarly Knowledge: Textual Analysis of Manuscripts Revised for Publication in *Administrative Science Quarterly*.

Strang, David, and Fedor A. Dokshin.
Research in the Sociology of Organizations, 2019.

Not in Your Backyard!: Organizational Structure, Partisanship, and the Mobilization of Non-Beneficiary Constituents against ‘Fracking’ in Illinois, 2013-2014.

Dokshin, Fedor A., and Amanda Buday.
Socius, 2018.

A Member Saved is a Member Earned? The Recruitment-Retention Trade-Off and Organizational Strategies for Membership Growth.

Shi, Yongren, Fedor A. Dokshin, Michael Genkin, and Matthew Brashears.
American Sociological Review, 2017.

Millions of Online Book Co-Purchases Reveal Partisan Differences in the Consumption of Science.

Shi, Feng, Yongren Shi, Fedor A. Dokshin, James Evans, and Michael Macy.
Nature Human Behaviour, 2017.

Whose Backyard and What’s at Issue? Spatial and Ideological Dynamics of Local Opposition to Fracking in New York State, 2010-2013.

Dokshin, Fedor A.
American Sociological Review, 2016.

Cohesion and Segregation in an Elite Affiliation Network.

Cornwell, Benjamin, and Fedor A. Dokshin.
Social Forces, 2014.

Finding Social Roles in Wikipedia.

Welser, Howard T., Daniel Cosley, Gueorgi Kossinets, Austin Lin, Fedor A. Dokshin, Geri Gay, and Marc Smith.
ACM proceedings of iConference, 2011.

Work under
review and
in progress
*=grad. student

Framing, Attitude Change, and the Problem of Embeddedness. (R&R)

Dokshin, Fedor A., Sebastien Parker*

Mind the Gap: How Installation Firms Structure Solar Opportunities (Abstract accepted at *Research in the Sociology of Organizations*)

Fedor A. Dokshin, Gherghina, Mircea*

The Challenge of Differential Diffusion.

Martin, Khalil,* Fedor A. Dokshin

Power From Movement? Collective Action and Product Performance in the Residential Solar PV Industry, 2012-2021.

Sbaï, Firdaous,* Fedor A. Dokshin

Grants

Temperature Shocks and Eviction: Evidence from the United States

Principal investigator 2025-2026
Computational and Quantitative Social Sciences Grant, Data Sciences Institute \$10,000

Understanding Behavioral Diffusion under Conditions of Political Polarization

Principal investigator 2023-2027
Insight Grant, Social Sciences and Humanities Research Council \$247,475

Performance Matters: Augmenting Analyses of Residential Solar PV Deployment and Distribution with System Performance Data

Principal investigator 2023-2024
Climate Positive Energy Just Energy Transition Grant, University of Toronto \$42,610

Going Solar: Social Identity, Social Context, and Social Influence in the Diffusion of Rooftop Solar

Principal investigator 2019-2022
Insight Development Grant, Social Sciences and Humanities Research Council \$72,401

The Social Determinants of Residential Solar Panel Diffusion

Principal investigator 2019-2021
Connaught New Researcher Award, University of Toronto \$20,000

Public Beliefs and Responses to Industrial Sites

Co-investigator (with Michael Macy) 2016-2018
Dissertation Improvement Grant, National Science Foundation \$11,062

- Book reviews**
- Review of *Working across Lines: Resisting Extreme Energy Extraction* by Corrie Grosse**
 Dokshin, Fedor A.
American Journal of Sociology, 2024.
- Review of *Up to Heaven and Down to Hell: Fracking, Freedom, and Community in an American Town* by Colin Jerolmack**
 Dokshin, Fedor A.
Social Forces, 2022.
- Awards**
- Dean's Merit Award**
 University of Toronto 2024
- Robin M. Williams, Jr. Best Graduate Student Paper Award**
 Cornell University 2014
- Conference and Invited Talks**
- Power From Movement? Collective Action and Product Performance in the Residential Solar PV Industry, 2012-2021.**
- Civil Society and Sustainability Conference, Stanford University. March 2025.
 - American Sociological Association Annual Conference, Montreal, QC, August 2024.
- How Policies Shape Solar Politics: Assessing Potential for Policy Feedback from Renewable Energy Incentive Programs.**
- American Sociological Association Annual Conference, Philadelphia, PA, August 2023.
- Green in the Wallet: Political Identity, Cost Effectiveness, and the Diffusion of Residential Solar.**
- Research Seminar Series, School of Communication, Hong Kong Baptist University. October 2022.
 - Rotman Speaker Series, Rotman School of Management, University of Toronto, Online, April 2022.
 - American Sociological Association Annual Meeting, Online, August 2020.
- Political Party Affiliation Predicts Homeowners' Decisions to Install Solar PV, but High Electricity Rates Mitigate the Partisan Gap.**
- International Conference on Computational Social Science, Chicago, IL, July 2022.
- Closing the Green Gap?: Trends in Residential Solar Installation Disparities by Race, Income, and Rurality.**
- International Conference on Energy Research & Social Sciences, Manchester, UK, June 2022.
 - American Sociological Association Annual Conference, Los Angeles, CA, August 2022.

Data Science Approaches in Sociology.

- Toronto Data Workshop, Faculty of Information and the Department of Statistical Sciences at the University of Toronto, Online, October 2021.

The Public Speaks: Learning from Large-Scale Public Comments Data.

- International Association for Society and Natural Resources Conference, Online, June 2021.

The Contentiousness of Green Innovation and Diffusion.

- Workshop on Environmental Innovation, Mansueto Institute for Urban Innovation at the University of Chicago, Online, September 2020.

Framing Climate Change and the Problem of Embeddedness.

- International Network of Social Network Analysts Sunbelt Conference, Montreal, QC, June 2019.

Public Discussion of Impacts of Shale Gas Development Varies Across Space and with Proximity to Development: Evidence from a Computational Text Analysis of Public Comments in New York State.

- International Conference on Energy Research and Social Science, Tempe, AZ, May 2019.
- American Sociological Association Annual Meeting, Philadelphia, PA, August 2018.

Not in Your Backyard!: Structure, Ideology, and Mobilization of Conscience Constituents against Hydraulic Fracturing in Illinois, 2013-2014.

- American Sociological Association Annual Meeting, Seattle, WA, August 2016.

The Ecology of Scientific Publication: Niche Dynamics among Sociology Journals.

- International Network of Social Network Analysts Sunbelt Conference, Newport Beach, CA, August 2016.

Small Town in a (Politically Polarized) Mass Society: Explaining Mobilization for and against Fracking among Residents of a Rural Community.

- Eastern Sociological Society Annual Meeting, Boston, MA, March 2016.

Whose Backyard and What's at Stake?: Dynamics of Local Anti-Fracking Ordinance Adoption in New York State, 2010-2013.*

- Young Scholars in Social Movements Conference, University of Notre Dame, May 2015.
- American Sociological Association Annual Meeting, San Francisco, CA, August 2014.

Teaching

Undergraduate

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|---|---|
| <i>Computational Methods for Sociologists</i> | 2022 |
| <i>Energy, Climate Change, and Society</i> | 2022, 2023 |
| <i>Introduction to Quantitative Methods</i> | 2017, 2018, 2019 (x2), 2020, 2021, 2022, 2023 |
| <i>Introduction to Social Networks</i> | 2018, 2021 (x3), 2023 |

Social Movements 2018, 2019

Graduate

Network Analysis 2018, 2020

Computational Methods for Sociologists 2022

Workshops

Web Scraping and APIs (UofT Social Science Research Methods Week) 2018, 2020, 2021

Advising and mentorship

Ph.D. Committees

Mircea Gherghina (Co-chair, in progress)

Sebastien Parker (Member, in progress)

Firdaous Sbaï (Member, in progress)

Ikee Gibson (Member, in progress)

Kristen Bass (Member, in progress)

Maria Finnsdottir (Member, 2024)

Catherine Yeh (Member, 2023)

Shawn Perron (Member, 2023)

Anson Au (Member, 2022)

Haosen Sun (Member, 2022)

Chang Lin (Member, 2022)

Undergraduate Theses

Joyce Ho (2018)

External Examination Committees

Pierson Brown (University of Waterloo, Sociology, Ph.D., 2023)

George Lifchitz (University of Toronto, Computer Science, M.A., 2020)

Service

University

Member, Committee on Data Science, Faculty of Arts & Sciences 2020 – 2021

Faculty Liaison for Sociology, CANSII Ontario 2020 – Present

Department

Graduate Scholarships Committee 2022 – 2023, 2024

New Faculty Recruitment Committee (International Migration) 2022

Committee for the Selection of the S.D. Clark Chair 2021 – 2022

Graduate Awards Committee 2020 – 2021

Networks Comprehensive Exam Committee 2018 – 2021; 2022 – 2023

New Faculty Recruitment Committee (Stratification) 2019

Quantitative Methods Comprehensive Exam Committee 2017 – 2019; 2021 – 2022;
2024

Discipline

Award Committee, ASA Decision-Making, Social Networks, and Society Section 2024

Session Presider, ASA Methodology Section 2024

External PhD Examiner, University of Waterloo, Department of Sociology 2023

Session Organizer and Presider, Canadian Sociological Association 2023

Reviewing

Administrative Science Quarterly, American Journal of Sociology, American Sociological Review, Current Opinion in Environmental Sustainability, Energy Research & Social Science, Environmental Politics, Environmental Research Letters, Nature Energy, npj Climate Action, Rural Sociology, Social Sciences and Humanities Research Council of Canada (SSHRC), Sociological Focus, Sociological Forum, Social Forces, Social Problems, Social Psychology Quarterly, Sociological Methods and Research, Sociological Quarterly, Socius, Urban Transformations