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# Fedor A. Dokshin

**Research interests** Energy & environment, computational social science, social networks, political sociology

**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 **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.

**People Diffuse Information if Enough but Not Too Many Others Do So.**  
Alipour, Fahimeh, Zeinab Maleki, Fedor A. Dokshin, Pouria Ramazi  
*PNAS Nexus*, *Forthcoming*

**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\*

**How Policies Shape Solar Politics: Assessing Potential for Policy Feedback from Renewable Energy Incentive Programs.** (Conditionally Accepted)  
Dokshin, Fedor A.

**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

**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**

**Conference and  
Invited Talks****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**

<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
<i>Social Movements</i>	2018, 2019

**Graduate**

<i>Network Analysis</i>	2018, 2020
<i>Computational Methods for Sociologists</i>	2022

**Workshops**

<i>Web Scraping and APIs (UofT Social Science Research Methods Week)</i>	2018, 2020, 2021
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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)
- Maria Finnsdottir (Member, 2024)
- Catherine Yeh (Member, 2023)
- Shawn Perron (Member, 2023)
- Anson Au (Member, 2022)

Haosen Sun (Member, 2022)

Chang Lin (Member, 2022)

### **M.A. Committees**

George Lifchitz (External reader, Computer Science, 2020)

### **Undergraduate Theses**

Joyce Ho (2018)

## **Service**

### **University**

Member, Committee on Data Science, Faculty of Arts & Sciences 2020 – 2021  
Faculty Liaison for Sociology, CANSII Ontrario 2020 – Present

### **Department**

Graduate Scholarships Committee 2022 – 2023  
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, 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*