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# Fedor A. Dokshin

**Research interests** Computational social science, energy and the environment, social networks, organizations, political sociology

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

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

**Cornell University**  
B.A., Sociology, Government 2009

**Publications** **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.

**Book reviews**

**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*, 2021.

**Grants**

**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

**Work under review and in progress**

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

Dokshin, Fedor A.

**Green in the Wallet: Political Identity, Financial Incentives, and the Diffusion of Residential Solar Photovoltaics in New York State, 2007-2018.**

Dokshin, Fedor A., and Mircea I. Ghergina

**Framing, Attitude Change, and the Problem of Embeddedness.**

Dokshin, Fedor A., Sebastien Parker

Presentations  
(Invited = \*)

**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.

**Green in the Wallet: Political Identity, Financial Incentives, and the Diffusion of Residential Solar Photovoltaics in New York State, 2007-2018**

American Sociological Association Annual Meeting, Online, August 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.

**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**

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.

**The Textual Side of 'Big Data'**

Cornell University Institute for the Social Sciences, Ithaca, NY, March 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.

**An Ecological Analysis of Organization Membership**

(Presenter: Yongren Shi), American Sociological Association Annual Meeting, San Francisco, CA. August 2014.

**The Rise of the For-Profit College: From the GI Bill to Wall Street**

American Sociological Association Annual Meeting, Denver, CO. August 2012.

**The Active Few and the Sporadic Many: Making Sense of Opinion Dynamics in Online Review Systems**

American Sociological Association Annual Meeting, Las Vegas, NV. August 2011.

Teaching

**Undergraduate**

*Introduction to Quantitative Methods* 2017, 2018, 2019 (x2), 2020, 2021.

*Introduction to Social Networks* 2018, 2021 (x3).

*Social Movements* 2018, 2019

**Graduate**

*Network Analysis* 2018, 2020.

**Workshops**

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

Additional training

*Models for Longitudinal and Multilevel Data in R and Stan*, ICPSR, July, 2017.

*Summer Program in advanced quantitative methods*, ICPSR, Summer, 2014.

*Linking Theory and Empirical Research*, Berlin Summer School in Social Sciences, 2013.

Research skills

**Software and Programming**

Python, R, Stata, Gephi

**Languages**

Russian (native), English (fluent), German (once fluent, but slowly fading)

## Service

### University

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

### Department

Graduate Awards Committee 2020 – 2021  
Networks Comprehensive Exam Committee 2018 – 2021  
New Faculty Recruitment Committee 2019  
Quantitative Methods Comprehensive Exam Committee 2017-2019

### Reviewing

*Administrative Science Quarterly, American Journal of Sociology, American Sociological Review, Current Opinion in Environmental Sustainability, Energy Research & Social Science, Environmental Politics, 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, Socius*