

Taylor Davey, PhD

Assistant Professor, Department of Public Administration & Policy

Binghamton University, SUNY

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Education

Harvard University, Cambridge, MA, US

2024 Ph.D., Urban Studies and Planning

2019 M.A., Urban Planning

University of Waterloo, Waterloo, ON, CA

2016 M.Arch, Master of Architecture

2014 B.A.S., Bachelor of Architectural Studies

Teaching

Binghamton University, Department of Public Administration and Policy

2025–pres. *Assistant Professor*

- SUST/PAFF 517: Sustainability Action: Evidence, Tools, Expertise
- SUST 500/PAFF 569: Sustainable Communities I: Theory and Practice
- SUST/PAFF 581G: Environmental Politics
- SUST/PAFF 582: Sustainable Cities and Regions

Colgate University, Environmental Studies Program

2024–25 *Visiting Assistant Professor*

- GEOG 322: Ecologies of the City
- ENST 335/POSC 335: US Environmental Politics
- ENST 250: Environmental Policy Analysis

Northeastern University, Graduate School of Public Policy and Urban Affairs

2022–23 *Adjunct Lecturer*

- PPUA 6201: Cities, Sustainability, Climate Change
- LPSC 7312: The 21st Century City

Publications

Davey, T. (in review). ‘Calculating the Future: Urban energy models and the epistemic politics of local transitions.’

Davey, T. (in review). ‘The Politics of Calculative Tools in Practice: Climate budgeting in Edmonton.’

Davey, T. (forthcoming). ‘Carbon Entanglements: From net zero city planning to zero carbon regionalism.’ In Diane E. Davis, Julie-Anne Boudreau, and Roger Kail (eds.), Handbook of North American Urban Futures (Berlin: De Gruyter).

Davey, T. (2025). “Closing the Carbon Loop”: Climate policy discourses and the material politics of waste-to-biofuel.’ International Journal of Urban and Regional Research <https://doi.org/10.1111/1468-2427.70032>

Davey, T. (2025). ‘The Spatial Politics of an Urban Carbon Accounting Standard.’ Environment and Planning E: Nature and Space <https://doi.org/10.1177/25148486251315290>

Davey, T. (2025). ‘Calculative Infrastructures of Net Zero Urban Governance: A transformative science-based agenda or reductive territorial project?’ Urban Studies <https://doi.org/10.1177/00420980241298095>

Davis, D.E. and **T. Davey (2023)**. 'Shifting Geographies of Activism and the Spatial Logics of Latin American Social Movements', in Federico M. Rossi (ed.), *The Oxford Handbook of Latin American Social Movements* (Oxford: Oxford University Press).

<https://doi.org/10.1093/oxfordhb/9780190870362.001.0001>

Davey, T. and D.E. Davis (2022). 'Collective Consumption and Food System Complexity: Citizen mobilization, territorial rescaling, and transformative change.' *Transdisciplinary Journal of Engineering & Science* 13.

<https://doi.org/10.22545/2022/00204>

Research Groups and Affiliation

Urban Theory Lab, University of Chicago 2025–pres.

Research Affiliate

Canadian Institute for Advanced Research (CIFAR) 2023–2024

Meeting Researcher & Reporter, Humanity's Urban Future Research Cluster

Weatherhead Center for International Affairs, Cambridge MA 2023–2024

Harvard University, *Graduate Student Associate*

Harvard Mellon Urban Initiative, Cambridge MA 2021–2022

Harvard University, *Doctoral Fellow*

Harvard University Graduate School of Design

Lead Researcher, Sustainable Urban Development Pavilion 2021–2022

with Urban Economy Forum (Toronto, ON)

Research Fellow for Master in Design Studies Program 2020–2021

Research Assistant to Diane Davis 2017–2018

Committees and Service

MS Sustainable Communities Curriculum Committee, Binghamton University 2025–pres.

Sustainable Communities TAE Steering Committee, Binghamton University 2025–pres.

Fellowships, Honors, Grants

Center for Civic Engagement Faculty Teaching and Research Grant 2025

Binghamton University

Dissertation Fellowship 2023

Harvard University

Doctoral Fellowship 2022

Canada Social Sciences and Humanities Research Council

Canada Research Fellowship 2021

Weatherhead Center for International Affairs

Guild Medal 2016

Ontario Association of Architects

Joseph-Armand Bombardier Graduate Scholarship 2015

Canada Social Sciences and Humanities Research Council

President's Graduate Scholarship 2015

University of Waterloo

Graduate Thesis Research Prize 2015

University of Waterloo

Presentations and Conferences

‘Policy-Finding or Pathway-Exploring: Emissions modelling tools in city climate action planning.’ Paper presented at International Conference on Urban Affairs (ICUA), Chicago IL (April 29–May 2, 2026)

‘Community Knowledge and Climate Action.’ Presentation for Binghamton University Center for Community Schools, Binghamton University, Binghamton NY. (November 20, 2025)

‘Waste-to-Biofuel and the Just Transition: Infrastructural and metabolic conflicts.’ Paper presented at Weatherhead Climate Pipeline Project conference, Weatherhead Center for International Affairs, University, Cambridge MA. (December 14, 2023)

‘Carbon Budgeting in Municipal Governance.’ Poster presented at Association for Public Policy Analysis & Management (APPAM) Annual Research Conference, Atlanta, GA. (November 10, 2023)

‘Climate Change and Shifting Scales of Planning Action.’ Invited lecture in HIS 4152: Urban Planning Theory and Praxis: Comparative Origins and Applications, Harvard University Graduate School of Design, Cambridge MA. (April 13, 2023)

‘From Brundtland to Paris: Urban Energy Planning and Carbon.’ Paper presented at PhD Talks Annual Graduate Research Conference, Harvard University Graduate School of Design, Cambridge, MA. (April 3, 2023)

‘Climate Change and Planning.’ Invited lecture in HIS 4115: History & Theory of Urban Interventions, Harvard University Graduate School of Design, Cambridge MA. (April 14 2022)

‘Modelling a Post-Pandemic Climate: C40, climate justice, and a green recovery.’ Paper presented at Graduate Research in Science, Technology, & Society (GRiSTS), Harvard Kennedy School, Cambridge, MA. (October 29 2021)

‘Medellín, Social Urbanism and Architecture’s Agency through Scale.’ Paper presented at American Association of Geographers (AAG) Annual Conference, San Francisco, CA. (April 1 2016)

‘Developmental Conflicts in Medellín’s ‘Social Urbanism’ Model.’ Paper presented at New Urban Languages Conference, TU Delft, Netherlands. (June 25 2015)