

Taylor Davey, **PhD**
Department of Public Administration & Policy
Binghamton University, State University of New York
tdavey@binghamton.edu

Education

Harvard University, Cambridge, MA, US
Graduate School of Design and Graduate School of Arts & Sciences
Ph.D., Urban Studies and Planning May 2024
M.A., Urban Planning May 2019

University of Waterloo, Waterloo, ON, CA
School of Architecture
M.Arch, Master of Architecture May 2016
B.A.S., Bachelor of Architectural Studies Oct 2024

Teaching

Binghamton University, Department of Public Administration and Policy 2025-pres.
Assistant Professor

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

Colgate University, Environmental Studies Program 2024-2025
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 2022-2023
Adjunct Lecturer

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

Publications

Davey, T. (in review). 'The Politics of Calculative Tools in Practice: Experiments with climate budgeting in Edmonton.'

Davey, T. (forthcoming). 'From Net Zero to Zero Carbon Urbanism: Material politics of urban and industrial transitions.' 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*

Davey, T. (2025). ‘The Spatial Politics of an Urban Carbon Accounting Standard.’ *Environment and Planning E: Nature and Space*

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 Affiliations

Urban Theory Lab, University of Chicago <i>Research Affiliate</i>	2025-pres.
Canadian Institute for Advanced Research (CIFAR) <i>Meeting Researcher & Reporter, Humanity’s Urban Future Research Cluster</i>	2023-2024
Weatherhead Center for International Affairs, Cambridge MA Harvard University, <i>Graduate Student Associate</i>	2023-2024
Harvard Mellon Urban Initiative, Cambridge MA Harvard University, <i>Doctoral Fellow</i>	2021-2022
Harvard University Graduate School of Design <i>Lead Researcher, Sustainable Urban Development Pavilion with Urban Economy Forum (Toronto, ON)</i>	Sep 2021-Aug 2022
<i>Research Fellow for Master in Design Studies Program</i>	Sept 2020-May 2021
<i>Research Assistant to Diane Davis</i>	Jul 2017-Dec 2018

Committees and Service

MS Sustainable Communities Curriculum Committee, Binghamton University	2026-pres.
Sustainable Communities Transdisciplinary Area of Excellence Steering Committee, Binghamton University	2026-pres.

Fellowships, Honors, Grants

Center for Civic Engagement Faculty Teaching and Research Grant	2025
Binghamton University	
Dissertation Fellowship	2023
Harvard University	

Doctoral Fellowship	2022
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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 Cultural History Prize	2014
University of Waterloo School of Architecture President's Scholarship of Distinction	2014
University of Waterloo	

Presentations and Conferences

'Policy-Finding vs. Pathway-Exploring: The politics of optimization and scenario tools in city climate action planning.' Forthcoming presentation 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 C 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 C 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, C 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)