

# Austin Zwick

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Geography & Planning  
UNIVERSITY OF TORONTO

## Curriculum Vitae

### EDUCATION

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**PhD - Planning;** University of Toronto (Expected May 2018)

- Dissertation: *Resource Boom to Revitalization: What are the Local Public Policy and Governance Implications of the Fracking Boom in Northern Appalachia?* (Supervisor: Jason Hackworth)

**MPA – Public Finance and Fiscal Policy;** Cornell University (2012)

- Masters' Research Project: *Economic Implications of Marcellus Shale Natural Gas Development: Potential Impacts on Tourism, Agriculture, and Housing* (Supervisor: Susan Christopherson)
- Masters' Capstone Co-op: *Implementing a Public Performance Management System for Tompkins County* (Coordinator: Laurie Miller)

**BSc - Industrial and Labor Relations;** Cornell University (2009)

- Honors' Thesis: *An Econometric Analysis of The Effect of Partial Unemployment Insurance on the Total Unemployment Rate* (Supervisor: Robert Smith)

### QUANTITATIVE SOFTWARE SKILLS

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- ArcGIS, GeoDa, SPSS, R (DataCamp Certificate), Expert proficiency in Excel and Access

### RELEVANT EMPLOYMENT EXPERIENCE

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- Course Instructor – University of Toronto, Scarborough (2017-Present)
- Quantitative Researcher (Contractor) – Evergreen CityWorks (2016-Present)
- Graduate Research Assistant / Teaching Assistant – University of Toronto (2013-2017)
- Intern – Tompkins County Office of Administration (2012)
- Lead Researcher / Research Assistant - Cornell University, Office of Labor Education and Research (2008-2011)

### ACADEMIC PUBLICATIONS

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- **Zwick, A.** (2017). Welcome to The Gig Economy: Neoliberalism's Industrial Relations and the Case of Uber. *GeoJournal*. DOI: 10.1007/s10708-017-9793-8
- **Zwick, Austin** (2017). The Internet and the Sharing Economy. *Encyclopedia Entry*. In Warf, Barney. *The Encyclopedia of the Internet*. Sage Publications.
- **Zwick, A.** (Forthcoming) The Public Finance Challenges of Fracking for Municipal Governments in the United States. *Institute on Municipal Finance and Governance Perspectives*.
- **Zwick, A.** (Forthcoming). Comparison of the Coal and Fracking Industries in Northern Appalachia. *Journal of Appalachian Studies*.
- **Zwick, A.** (Forthcoming). Research Notes: Fracking and Value Capture in the Pittsburgh MSA. *Journal of Appalachian Studies*.

## ACADEMIC PUBLICATIONS UNDER REVIEW

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- **(Third Submission)** Peak Oil 60 Years Later: The Historic Driver of Energy Transitions. *Environmental Innovation and Societal Transition*.
- **(Under Review w/ Spicer, Z. and Eidelman, G.)** Patterns of Local Policy Disruption: Municipal and State Regulatory Responses to Uber. *Review of Policy Research*.
- **(Under Review w/ Ross, T., Mah, J., Biggar, J., and Modlinska, E.)** Revisiting Canadian Planning PhD Programs: Student Needs and Employment Realities. *Can. Journal of Higher Ed.*

## ACADEMIC WORKS-IN-PROGRESS

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- **(Draft Completed, Revisions Needed)** Fracking and Public Finance: A Backgrounder of Federal, State, and Local Governance Responsibilities and Revenue Streams. *The American Review of Public Administration*.
- **(Draft Completed, Revisions Needed)** Municipal Planning Challenges and Responses to Fracking: A Case Study of the Marcellus Shale. *Environment and Planning C*.
- **(Draft Completed)** Fracking and Regional Growth: A Case Study of the Residential and Employment Patterns along the New York-Pennsylvania Border. *Cornell Policy Review*.
- **(Draft Completed)** Testing the Local 'Natural Resource Curse' Hypothesis: A Case Study of Fracking in the Marcellus Shale Play.
- **(Draft Completed)** Centralizing Innovation and Gentrification: A Comparison of Pittsburgh and Cleveland.
- **(In Progress w/ Spicer, Z.)** Why do Cities Partner with Uber? Understanding Reasons and Models. *Journal of Urban Affairs*.
- **(In Progress w/ Hartt, M. and Revington, N.)** Innovation in Comeback Cities: An Exploration of Patent Data and Urban Revitalization. *Regional Studies*.
- **(Book Chapter Abstract Accepted w/ Hartt, M. and Revington, N.)** Resilient Shrinking Cities: Framing Our Understanding. In Michael, John Twigg, Adriana Allen, and Christine Wamsler. *A Handbook on Regional Resilience*.
- **(Book Chapter Abstract Accepted)** The Politics of Energy Transition and Nostalgic Nationalism: A Comparison of Rust Belt Cities in the US, France, and the United Kingdom. In Carol Atkinson-Palombo and Phoebe Godfrey *Contested Terrains: [Im]Possibilities for Transitions to Just Sustainabilities*.
- **(Invited)** Fallow Appalachia. *New Geographies 10*.

## PROFESSIONAL REPORTS AND DISCUSSION PAPERS

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- **(In Progress w/ Spicer, Z.)** Regulating the Platform Economy in Ontario's Midsize Cities. *Discussion Paper. Evergreen CityWorks: Midsize Cities Collaborative*
- **(In Progress w/ Sotomayor, L.)** Planning for Uncertainty: Population Projections and Immigrant Retention in Ontario's Midsize Cities. *Discussion Paper. Evergreen CityWorks: Midsize Cities Collaborative*.
- Sotomayor, L. and **Zwick, A.** (2017). Overcoming the Middle-Child Syndrome: Immigrant Attraction and Retention in three Mid-Sized Municipalities. *Discussion Paper. Evergreen CityWorks: Midsize Cities Collaborative*.
- **Zwick, A.** (2017). Economic Specialization in Ontario's Midsize Cities: Clusters and Anchor Institutions. *Discussion Paper. Evergreen CityWorks: Midsize Cities Collaborative*.

- **Zwick, A.** (2017). Public Finance and City Typology: A Case-Study of Ontario's Midsize Cities. *Discussion Paper. Evergreen CityWorks: Midsize Cities Collaborative.*
- Knipe, D., West, D., Warsh, E., **Zwick, A.**, Waldman, G., and Smith, C. (2011). "Economic Implications of Marcellus Shale Natural Gas Development: Potential Impacts on Tourism, Agriculture, and Housing." *Report. Cornell Cooperative Extension's Natural Gas Resource Center.*
- **Zwick, A.** and Malit, F. (2009). "Options for Partial Unemployment Insurance for New York State." *Report for New York State Department of Labor: Tompkins County.*

## NEWSLETTERS, BLOG POSTS, AND OTHER MEDIA

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- **(Scheduled w/ Hartt, M.)** "Patterns of Innovation in Ontario's Midsize Metros." *Municipal World. June 2018.*
- **(Scheduled)** "Appalachia: The Dying of Coal Country." *Regions. Second Quarter 2018.*
- "Green Day: Why Alternative Energy will be the Future Conventional Energy." *Energy Forum. First Quarter 2018. p.31 - 34.*
- "Transition to Alternative Energy is Inevitable." *ACSP Blog on Natural Resource and Energy Planning. December 4, 2017.*
- "Toronto's Not-as Overheating Housing Market: Has the Government Done Enough?" *Terra Firma Blog. September 3, 2017.*
- "Only Geopolitical Events Can Save Coal and the Canadian Oil Sands Now. And That's A Good Thing." *ACSP Blog on Natural Resource and Energy Planning. July 12, 2017.*
- "The Mining Industry: A Hidden Culprit Behind Toronto's Overheating Housing Market?" *ACSP Blog on Natural Resource and Energy Planning. June 27, 2017.*
- "Canada May Soon Kill American Coal Communities. What then?" *ACSP Blog on Natural Resource and Energy Planning. May 30, 2017.*
- "Canada Ought to Ban Thermal Coal Sooner Rather than Later." *Terra Firma Blog. May 11, 2017.*
- "Where Do Frackers Call Home?" *Energy Forum. Second Quarter 2017. p.45 - 47.*
- "Building the Scarborough Subway Extension (SSE) is Worse than Doing Nothing." *Terra Firma Blog. April 3, 2017.*

## CONFERENCE PRESENTATIONS

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- **(Scheduled w/ Spicer, Z.)** "Why do Cities Partner with Uber? Understanding Reasons and Models." *Urban Affairs Association. April 2018 – Toronto, ON.*
- "Fracking and Its Implications for Municipal Public Finance and Governance: A Case Study of Northern Appalachia." *American Collegiate Schools of Planning, October 2017 – Denver, CO.*
- "The Role of Innovation in Postindustrial Transformations." *Regional Studies Association, June 2017 – Dublin, Ireland*
- "Fiscal Health of Ontario Cities." *Canadian Association of Geography, May 2017 – Toronto, ON.*
- "Fracking and its Implications for Municipal Public Finance." *Urban Affairs Association, April 2017 – Minneapolis, MN.*
- "Tacit Knowledge in an Era of Neoliberal Industrial Relations: The Case of the Fracking Industry." *Regional Studies Association, May 2016 – Atlanta, GA.*
- "Residential and Employment Location Patterns of the Fracking Boom in the Marcellus Shale Play." *Canadian Association of Geographers, May 2016 – Halifax, NS.*

- “The Persistence of Impoverished Neighborhoods in Shrinking Cities.” *American Association of Geographers, April 2015 – Chicago, IL.*
- “Commandeering Suburbia: Can Annexation Help Shrinking Cities?” *Urban Affairs Association, April 2014 – San Antonio, TX.*

## CONFERENCE SESSION ORGANIZING

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- “The Platform Economy and the City.” *Session Organizer (2 panels). Urban Affairs Association. Apr. 2017 – Toronto, ON.*
- “Midsize Cities: Challenges and Opportunities.” *Session Organizer. Canadian Association of Geographers, May 2016 – Toronto, ON.*
- “A Roundtable Discussion on (Non-)Academic Employment, and Curricula Design.” *Workshop co-organizer. American Collegiate Schools of Planning, Nov. 2016 – Portland, OR.*

## INVITED TALKS AND GUEST LECTURES

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- “Governance and Public Finance Challenges of the Fracking Boom: Lessons for US and Canada.” *Invited Talk. Institute on Municipal Finance and Governance. Apr. 26, 2017.*
- “Economic Specialization in Ontario’s Midsize Cities: Clusters and Anchor Institutions + Public Finance and City Typology: A Case-Study of Ontario’s Midsize Cities.” *Invited Talk. CityAge & Evergreen CityWorks Joint Conference, May 2017 – Hamilton, ON.*
- “Resource Boom to Revitalization: How Does Fracking Affect Patterns of Urban Decline and Revitalization?” *UofToronto Graduate Student Speaker Series. Feb. 7, 2017.*
- “Fracking: The Future of American Energy?” *Invited Talk. Munk School’s Centre for Study of the United States. Jan. 31, 2017*
- “Property Taxation in Ontario.” *Guest Lecturer. UofToronto-Scarborough: CITC15: Public Finance in Canadian Cities. Jan. 26, 2017.*
- “Peak Oil: The Past and Future of American Energy.” *Invited Talk. UofToronto American Studies Association. Jan. 24, 2017.*
- “Quantitative Methods for the Midsize Cities Collaborative: Towards a Research Agenda.” *Invited Talk. Evergreen CityWorks. Sept. 30, 2016.*

## OTHER ACADEMIC SERVICE

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- Organizer of the Labour and Economic Geographies Research Cluster (UofT). *Summer 2017 – Present. (\$2,000 Budget)*
- Member of Declining Cities Research Cluster (UofT). *Summer 2016 – Present.*
- Reviewed Academic Articles for *GeoJournal* and *Growth & Change*. *Fall 2016.*
- Served on Search Committee for Assistant Professor of Economic Planning. *Fall 2016.*
- Wrote Proposal to Host Regional Studies Association (RSA) Conference. *Summer 2016.*

## TEACHING

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### COURSE INSTRUCTOR

- *CITC16: Planning and Governing the Metropolis*
- *CITC15: Taxing and Spending: Municipal Public Finance*

### TRAINING

- *UTSC 3-Day Teaching Development Workshop*
- *THE500: Teaching in Higher Education (Teaching Certificate Course)*

### ASSISTANTSHIPS

- *PLA1105: Planning Methods II (with weekly tutorials [+ 4 full lectures in 2017]) × 3 semesters*
- *GGR270: Analytical Methods (with weekly tutorials) × 4 semesters*
- *CITB08: The Economy of Cities x 2 semesters*
- *GGR251: The Geography of Innovation (with Writing workshops)*
- *CITC15: Taxing and Spending: Public Finance in Canadian Cities (with Excel workshops)*
- *CITC12: City Structures and City Choices*
- *CITC03: Real Estate and the City*
- *GGRB05: Urban Geography*

### GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

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- Lincoln Institute of Land Policy C. Lowell Harriss Dissertation Fellowship, 2017 (US\$10,000)
- American Collegiate Schools of Planning (ACSP) Student Travel Award, 2017 (US\$500 + Conference Fee)
- Institute on Municipal Finance and Governance (IMFG) Graduate Fellowship, 2016 (C\$5,000)
- Regional Studies Association (RSA) Student Travel Bursary, 2016 (US\$300 + Conference Fee)
- Centre for Study of the United States (CSUS) Scholarship, 2015 (C\$1,500)
- University of Toronto School of Graduate Studies (SGS) Research Grant, 2015 (C\$1,725)
- University of Toronto Graduate Fellowship, 2013 (up to C\$17,500/year for 4 years)
- Cornell Institute of Public Affairs Graduate Fellowship, 2011 (US\$20,000/year for 2 years)
- Posey Leadership Institute Undergraduate Fellowship, 2006 (US\$21,500/year, up to 4 years)