

Anthony M Levenda

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ACADEMIC APPOINTMENTS

- 2017- Postdoctoral Fellow, Department of Geography, University of Calgary, Calgary, AB, Canada.
- 2016-2017 Postdoctoral Research Associate, School for the Future of Innovation in Society, Arizona State University, Tempe, AZ.

EDUCATION

- 2016 Ph.D. Urban Studies
Toulan School of Urban Studies and Planning, Portland State University.
Dissertation: "Configuring the Urban Smart Grid: Transitions, Experimentation, and Governance"
Committee: Loren Lutzenhiser, Thad Miller, Nathan McClintock, Sy Adler, Amy Lubitow
- 2016 Graduate Certificate in Energy Policy and Management, Portland State University.
- 2010 M.S. Environmental Engineering
Department of Civil and Environmental Engineering, University of Illinois, Urbana-Champaign.
- 2010 Graduate Certificate in Energy and Sustainability Engineering, University of Illinois, Urbana-Champaign.
- 2009 B.S. Mechanical Engineering
Department of Mechanical Science and Engineering, University of Illinois Urbana-Champaign. Minor in Environmental Science.

PUBLICATIONS

Peer-reviewed Journal Articles

- 2018 **Levenda, Anthony M.** "Mobile Experiments: Smart Grid Policy Mobilities and Urban Governance." *Environment and Planning C*. (Accepted, minor revisions).
- 2018 **Levenda, Anthony M.**, Jennifer Richter, Thaddeus Miller, and Erik Fisher. "Regional Energy Imaginaries and the Governance of Innovation." *Futures*. (In Press).

- 2016 Mahmoudi, Dillon and **Anthony M. Levenda**. "Beyond the Screen: Uneven Geographies, Digital Labour, and the City of Cognitive-Cultural Capitalism." *tripleC: Communication, Capital and Critique* 14 (1) (February): 99-120.
- 2015 **Levenda, Anthony M.**, Dillon Mahmoudi, and Gerald Sussman. "The Neoliberal Politics of 'Smart': Electricity Consumption, Household Monitoring, and the Enterprise Form." *Canadian Journal of Communication* 40 (4) (November): 615-636.

Book Chapters

- 2017 Miller, Thaddeus R. and **Anthony M. Levenda**. "The Techno-politics of Urban Sustainability Transitions." In *Urban Sustainability Transitions*. Eds. Niki Frantzeskaki, Lars Coenen, Vanesa Castán Broto, Derk Loorbach. New York and London: Routledge.
- 2017 **Levenda, Anthony M.** "Smart grids and urban energy governance: experimentation and governmentality in urban living labs." In *Urban Living Labs, Experimentation, and Socio-technical Transitions*. Eds. Kes McCormick, Simon Marvin, James Evans, Harriet Bulkeley, Yuliya Voytenko. New York and London: Routledge.

Conference Proceedings

- 2012 Lutzenhiser, Loren, Mithra Moezzi, Huafen Hu, **Anthony M. Levenda**, and James Woods. 2012. "Lifestyles, Buildings and Technologies: What Matters Most?" *ACEEE Summer Study*: 2-256-270.

Encyclopedia Entries

- 2018 **Levenda, Anthony M.** "Smart Grid." Forthcoming in *Sage Encyclopedia of the Internet*. Ed. Barney Warf.
- 2017 **Levenda, Anthony M.** "Hybrid." *Humans and Animals: A Geography of Coexistence*. Eds. Julie Urbanik and Connie Johnston. ABC-CLIO Press.
- 2013 **Levenda, Anthony M.** and Tugrul Daim. "Renewable Distributed Energy Generation: Major Barriers." *Encyclopedia of Energy Engineering and Technology*. Ed. Sohail Anwar. Taylor & Francis. doi:10.1081/E-EEE2-120050102

Book Reviews

- 2015 **Levenda, Anthony M.** "Review of Cheap and Clean: How Americans Think About Energy in the Age of Global Warming by Stephen Ansolabehere and David M. Konisky." *Science and Public Policy*, 42 (4): 595-597.
- 2014 **Levenda, Anthony M.** "Review of Structural Human Ecology: New Essays in Risk, Energy, and Sustainability edited by Thomas Dietz and Andrew Jorgenson." *Pacific Northwest Quarterly*, 105(2): 101.
- 2014 **Levenda, Anthony M.** "Review of Fluid New York: Cosmopolitan Urbanism and the Green Imagination by May Joseph." *Urban Studies*, 51(14), 3115-3118.
- 2014 **Levenda, Anthony M.** 2014. "Review of The Future of Planning: Beyond Growth Dependence by Yvonne Rydin." *Urban Research and Practice*, 7(12): 250-252.
- 2014 **Levenda, Anthony M.** 2014. "Review of Lifeblood: Oil, Freedom, and the Forces of Capital by Matthew T. Huber." *Capital & Class*, June, 38: 464-467.

Manuscripts in Submission

- Forthcoming **Levenda, Anthony M.** "Governance experimentation in the smart city: Urban entrepreneurialism and neoliberal governmentality." *Local Environment*.
- Forthcoming Nciri, Aida & **Anthony M. Levenda.** "Policy (im)mobilities and Refractory Policy Lessons: Experimenting with the Sustainability Fix in Alberta." *Urban Geography*.

Manuscripts in Preparation

- In preparation **Levenda, Anthony M.** and Thaddeus Miller. "Engaging infrastructure: The Futurescape City Tours in Portland, OR."
- In preparation **Levenda, Anthony M.** "Situating Smartness: Interrogating Expertise in the Smart City."
- In preparation Miller, Byron, Ryan Burns, Victoria Fast, and **Anthony M. Levenda.** "Worlding Smart Cities."
- In preparation Miller, Byron, Ryan Burns, Victoria Fast, **Anthony M. Levenda,** and Kevin Ward. "Global Comparative Research on Smart Cities: A critical agenda."

Other Publications

- 2016 Lutzenhiser, Loren, **Anthony M. Levenda,** and Aaron Ingle. November 5th. "Surprises in Energy Consumption and Greenhouse Gas Emissions Related to Urban Infill." Center for Urban Studies. Portland State University.
- 2016 Bhattacharyya, Abhishek, **Anthony M. Levenda,** and Matt Canfield. March 3rd. "[#WeAreWorkers.](#)" Academe Blog: The blog of the Academe magazine.
- 2015 **Levenda, Anthony M.** and CC Huang. October. "[Smart and Green Guidelines Case Study: The Pearl District.](#)" Energy Innovation, LLC.
- 2014 **Levenda, Anthony M.** March 13th. "[Emplacing Urbanisms: Relocating Power and Knowledge in Urban Theory.](#)" Situated Ecologies: Commentaries.

GRANTS, AWARDS & HONORS

Funded Grants

- 2017 Partnership Seed Grant, University of Calgary. *Scaling Local Non-academic Partnerships to Support Global Comparative Smart Cities Research.* **Role: Co-PI.** Research team: Victoria Fast (PI), Byron Miller, Ryan Burns. **Amount: \$5,000.**
- 2017 Developing the Future of Libraries Internal Sub-Grant Competition funded by the Andrew W. Mellon Foundation, University of Calgary. *Open Data for a Smarter City: Creating A Data Infrastructure Pilot Initiative.* **Role: Co-PI.** Research team: Ryan Burns (PI), Victoria Fast, Eliot Tretter, Steve Liang. **Amount: \$28,000.**
- 2017 Calgary Institute for the Humanities Interdisciplinary Working Group. *Social Justice in the Smart City.* **Role: PI.** Research team: Victoria Fast, Byron Miller, Ryan Burns, Dean Curran, Matt Patterson, Elizabeth Paris, Frank Towers, Alan Smart. **Amount: \$3,000.**

Grants Under Review

2018 Connection Grant, SSHRC. *'Digital divides,' 'digital connections,' and their policy implications in urban life.* **Role: Collaborator.** Research Team: Melanie Rock (PI). Co-applicants: Ariel Ducey, Judith Green, Lorian Hardcastle, Myles Leslie, Steven Hoffman, Morgan Mouton. Collaborators: Aleem Bharwani, Jason Cabaj, Niamh Caffrey, Monica Cepoiu-Martin, Fiona Clement, William Ghali, Rebecca Haines-Saah, Anthony Levenda, Sara Mallinson, Angela Torry, Cynthia Weijs. **Amount requested: \$21,387.**

Grants Under Development

2018-2021 Standard Research Grant, NSF. *Landscapes of Data.* **Role: Co-PI.** Research Team: Dillon Mahmoudi (PI), Mél Hogan, Graham Pickren.

2018-2021 Partnership Development Grant, SSHRC. *Global Comparative Research on Smart Cities.* **Role: Co-Investigator.** Research team: Byron Miller (PI), Ryan Burns, Victoria Fast, Eliot Trettor, Marit Rosol, Dean Curran, Matt Patterson, Elizabeth Paris, Frank Towers, Alan Smart.

2018-2021 Standard Research Grant, NSF. *Assembling the Smart City: Co-producing Smart and Equitable Urban Futures.* **Role: Co-PI.** Research Team: Thaddeus Miller (Co-PI). **Amount requested: \$480,000.**

Fellowships and Scholarships

2017 International Visiting Fellowship. DEMAND Centre, Lancaster University, UK.

2016 Smart Cities Scholarship, PSU. **Amount: \$4,000.**

2015 Chapman Sustainability Scholarship, PSU. **Amount: \$1,000.**

2015 Oregon Fellowship, Center for Public Service, PSU. **Amount: \$5,000.**

2014-2016 Laurels Graduate Award, PSU. **Amount: \$5,000 per annum.**

2014 Oregon Fellowship, Center for Public Service, PSU. **Amount: \$5,000.**

2011 President's Scholarship, PSU. **Amount: \$7,500.**

2010-2014 Green Building Research Laboratory Fellowship, PSU. **Amount: \$90,000.**

INVITED TALKS AND WORKSHOPS

2017 "Mobile Experiments: Circulating Smart Grid Policies and Smart City Entrepreneurialism," Smart Cities Workshop, University of Calgary, Calgary AB.

2017 "Making Grids Smart, Making Smart Consumers," Lancaster Environment Centre, Lancaster University, UK.

2017 "Configuring the Urban Smart Grid: Transitions, Experimentation, Governance," DEMAND Centre, Lancaster University, UK.

2017 "Smart Grids in the City," Occasional Talk series at the School for the Future of Innovation in Society, Arizona State University, AZ.

2016 Critical Perspectives on Urban Infrastructure, Institute of Advanced Studies, University College London, UK. (Competitive application)

- 2016 GUST InfraLab and Urban Living Labs Workshop, Durham University, UK.
- 2016 Studies of Expertise and Experience Workshop (SEEShop) and STIR Workshop 7, Cardiff University, UK.
- 2015 Urban Beyond Measure: Registering Urban Environments in the Global South, Stanford University, CA.
- 2015 Authors Meets Critics Fellowship, International Journal of Urban and Regional Research and the Urban Studies Foundation.
- 2014 Situated Urban Political Ecologies (SUPE): Urban Political Ecology in African Cities, University of Pretoria, South Africa. (Competitive application)
- 2014 Environmental Sociology/STS NSF Summer Training Seminar, Professor David J. Hess, Vanderbilt University, Nashville, TN. (Competitive application)
- 2014 CNS Winter School on Anticipatory Governance of Emerging Technologies, Arizona State University, Tempe, AZ. (Competitive application)

CONFERENCE ACTIVITY

Conferences Organized

- 2016 Space of Struggle: Radical Planning Mini-Conference, November 2nd, Portland, OR.
- 2015 Critical Geographies Mini-Conference, November 14th, Portland, OR.
- 2015 Practicing Political Ecology, May 7th, Berkeley, CA.

Panels Organized

- 2018 “The Urban Material Politics of Decarbonization and Resilience,” (with Sarah Knuth, Laura Tozer, and John Stehlin). Annual Conference of the American Association of Geographers (AAG). New Orleans, LA.
- 2018 “Making Smart Environments,” (with Ryan Burns). Annual Conference of the American Association of Geographers (AAG). New Orleans, LA.
- 2018 “Urban Decarbonization, Infrastructure, and Politics,” (with Laura Tozer). Urban Affairs Association Conference. Toronto, ON, Canada.
- 2017 “Practicing Urban Planning,” Annual Meeting of the Society for the Social Studies of Science (4S). Boston, MA.
- 2017 “Critical Geographies of Energy Infrastructure (4 sessions)” (with Sarah Knuth, Ingrid Behrsin, and Laura Tozer). Annual Conference of the American Association of Geographers (AAG). Boston, MA.
- 2016 “Importing and Exporting Worldly Urbanism: The Challenges of Studying the Global Circulation of City Models, Best Practices and Imaginaries” (with David Sadoway). International Sociological Association RC21 Conference. Mexico City, Mexico.
- 2016 “Political Ecologies of Technology #aagPOET” (with Eric Nost, Heather Rosenfeld, Dillon Mahmoudi, and Ashton Wesner). Annual Conference of the Association of American Geographers (AAG). San Francisco, CA.
- 2016 “Political Ecologies of Technology #dopePOET” (with Eric Nost, Heather Rosenfeld, Dillon Mahmoudi, and Ashton Wesner). Dimensions of Political Ecology (DOPE). Lexington, KY.
- 2015 “Practical Challenges and Opportunities of Interdisciplinarity” (with Jen Sedell). Practicing Political Ecology Workshop. Berkeley, CA.

2015 "Everyday Geographies of Global-Urban Infrastructures of Energy." Annual Conference of the American Association of Geographers (AAG). Chicago, IL.

Papers Presented

- 2018 Mahmoudi, Dillon, and **Levenda, Anthony M.** "Locating Digital Capital: The Urban Frontier." Annual Meeting of the American Association of Geographers (AAG). New Orleans, LA.
- 2018 **Levenda, Anthony M.** "Neoliberal experimentation in the smart city: Urban entrepreneurialism and neoliberal governmentality." Annual Meeting of the American Association of Geographers (AAG). New Orleans, LA.
- 2017 **Levenda, Anthony M.** "Situating Smartness: Towards a productive critique." Annual Meeting of the Society for the Social Studies of Science (4S). Boston, MA.
- 2017 Fisher, Erik, Annie Hammang, **Anthony M. Levenda**, Thaddeus R. Miller, Jennifer Richter. "Situating, Inflecting, Comparing: Expert Performances in the "Smart" City." Annual Meeting of the Society for the Social Studies of Science (4S). Boston, MA.
- 2017 **Levenda, Anthony M.** "Experiments in Smart Grid Urbanism." Annual Meeting of the American Association of Geographers (AAG). Boston, MA.
- 2016 Lutzenhiser, Loren and **Anthony M. Levenda** "Surprises in Energy Consumption and Greenhouse Gases related to Urban Infill." Annual Conference of the American Collegiate Schools of Planning Congress (ACSP). Portland, OR.
- 2016 **Levenda, Anthony M.**, Thaddeus R. Miller, Erik Fisher, Jennifer Richter. "Social Science Engagements with Experts in a Context of Local and Alternative Imaginaries." 8th Annual Meeting of the Society for the Study of New and Emerging Technologies (S.NET). Bergen, Norway.
- 2016 Fisher, Erik, Thaddeus R. Miller, Jennifer Richter, **Anthony M. Levenda.** "From the Lab to the City: Exploring Socio-Technical Integration Research within Broader Landscapes." Annual Meeting of the Society for the Social Studies of Science (4S). Barcelona, Spain.
- 2016 **Levenda, Anthony M.** "A Smart City Dispositif? Urban (Energy) Governance in the Smart City." Annual Meeting of the American Association of Geographers (AAG). San Francisco, CA.
- 2016 Panelist. "Vegan Geographies," Annual Meeting of the American Association of Geographers (AAG). San Francisco, CA.
- 2016 **Levenda, Anthony M.** and Dillon Mahmoudi. "The Third-Wave Urbanization of Nature: Political Ecology and Cognitive-Cultural Capitalism." Dimensions of Political Ecology (DOPE). Lexington, KY.
- 2015 **Levenda, Anthony M.** "Nuclear Defaults and Hydro-Modernities." Annual Meeting of the Society for the Social Studies of Science (4S). Denver, CO.
- 2015 **Levenda, Anthony M.** "Assembling Urban Energy Futures: Smart Grid Policy Mobilities and Urban Governance." Annual Conference of the American Association of Geographers (AAG). Chicago, IL.
- 2015 **Levenda, Anthony M.**, Dillon Mahmoudi, and Gerald Sussman. "The Neoliberal Politics of 'Smart': Electricity Consumption, Data Analytics, and Ubiquitous Financialization." Annual Western Social Sciences Association. Portland, OR.
- 2015 **Levenda, Anthony M.** "Urban Political Ecology and/as Planning Praxis." Dimensions of Political Ecology (DOPE). Lexington, KY.

- 2015 Mahmoudi, Dillon and **Anthony M. Levenda**. "The Role of ICTs in the Urbanization of Nature: Data Centers in Oregon." *Dimensions of Political Ecology (DOPE)*. Lexington, KY.
- 2014 **Levenda, Anthony M.** "Sociotechnical Imaginaries, Power Politics, and the Socioecological Production of the Columbia River Basin, 1920-1970." Annual Conference of the American Association of Geographers (AAG). Tampa Bay, FL.
- 2014 **Levenda, Anthony M.** "Conceptualizing a critical political ecology with science and technology studies: a joint theoretical perspective on urban infrastructure." *Dimensions of Political Ecology (DOPE)*. Lexington, KY.
- 2013 **Levenda, Anthony M.** "Planning and the Politics of Energy Transitions: A Sociological History of the Pacific Northwest." Annual Meeting of the Society for the Social Studies of Science (4S). San Diego, CA.

TEACHING EXPERIENCE

Toulan School of Urban Studies and Planning, Portland State University

Co-Instructor, *The Wire: Institutions, Inequality, and Identity* (Summer 2015, undergraduate, hybrid online course)

Instructor, *Urban Environmental Issues* (Spring 2015, undergraduate, 55 students)

RESEARCH & WORK EXPERIENCE

- 2015-2016 Graduate Research Assistant, Toulan School of Urban Studies and Planning, Portland State University, Portland, OR.
- 2014-2015 Research Associate, Urban Sustainability Accelerator, Portland State University, Portland, OR.
- 2010-2014 Graduate Research Assistant, Center for Urban Studies & Green Building Research Lab, Portland State University, Portland, OR.
- 2009-2010 Energy Engineer, Smart Energy Design Assistance Center, Champaign, IL.
- 2008-2009 Undergraduate Research Assistant, University of Illinois, Urbana-Champaign, IL.

SERVICE TO PROFESSION

Manuscript reviewer: *Geoforum*; *Journal of Urban Technology*; *Energy Policy*; *Journal of Community Informatics*; *tripleC: Communication, Capital, Critique*; *Science as Culture*; *Energy Research and Social Science*; *Urban Planning*.

Abstract reviewer: *International Society for Industrial Ecology*, *International Symposium on Sustainable Systems and Technology*.

National representative, AAUP Executive Committee on Graduate Affairs. 2015-2017.

Mentor, Society for the Social Studies of Science.

UNIVERSITY SERVICE

Portland State University

[Graduate Employees Union](#), Organizing Committee Member.

Faculty Search Committee, Student Representative. Toulan School of Urban Studies and Planning.

Faculty Awards Committee, Student Representative. College of Urban and Public Affairs.

[High School Innovation Challenge](#), University Mentor. Maseeh College of Engineering and Computer Science.

COMMUNITY INVOLVEMENT

Community Energy Project, Portland, OR. Volunteer.

PROFESSIONAL MEMBERSHIPS

Association of American Geographers. 2013-
Society for Social Studies of Science. 2013-
Urban Affairs Association. 2014-
American Collegiate Schools of Planning. 2015-
Union for Radical Political Economics. 2015-
Society for New and Emerging Technologies. 2016-