

DANIEL A. SHTOB

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PROFESSIONAL POSITION

BROOKLYN COLLEGE, CITY UNIVERSITY OF NEW YORK.

Assistant Professor, Department of Sociology and Urban Sustainability Program. 2020-Present.

SCHOLARLY INTERESTS

Environmental Sociology; Climate Change; Natural Disaster; Political Economy; Environmental Justice; Law and Finance; Urban Sociospatial Approaches; Spatial, Qualitative, and Quantitative Methods.

EDUCATION

UNIVERSITY OF OREGON, Eugene, Oregon.

Ph.D. in Environmental Studies, Sciences, and Policy: Sociology Focus. June 2020.

M.S. in Sociology. December 2017.

M.S. in Environmental Studies. June 2016.

Dissertation Committee: Richard York, Leigh Johnson, Raoul Liévanos, and Erin Moore.

VANDERBILT UNIVERSITY LAW SCHOOL, Nashville, Tennessee. J.D. May 2004.

UNIVERSITY OF PENNSYLVANIA, Philadelphia, Pennsylvania. B.A. December 1999.

ACADEMIC RECOGNITION AND AWARDS

- 2020 Brooklyn College, City University of New York.
-New faculty research startup funding. \$5,000.
-Grant from the Open Educational Resources (OER) program to develop cost-free undergraduate courses. \$7,500.
- Association of College and University Educators Course in Effective Online Teaching Practices (ETOP). \$1,000.
- 2019 National Socio-Environmental Synthesis Center (SESYNC), Annapolis, Maryland.
-Co-Principal Investigator of funded Graduate Pursuit to study the impacts of Hurricane Maria on Puerto Rico's agro-food systems. Interdisciplinary project team consists of five graduate students from four universities. Estimated at up to \$60,000.
University of Oregon Graduate School.
-University of Oregon Graduate Teaching Excellence Award. Teaching excellence award given annually to one of the university's approximately 1,450 graduate employees. \$1,000.
-Advanced Teaching Certificate.
University of Oregon, Department of Sociology.
-Small Grants Fund Award. \$300.
University of Oregon, Environmental Studies Program.
- Soderwall Environmental Studies Award. \$750.
- 2018 University of Oregon, Department of Sociology.
-Marquina Award, to conduct research with Professor Raoul Liévanos using GIS to study the development of urban racial inequality in the Pacific Northwest. \$2,500.
-Best Master's Paper Award, for "Remembering the Future: Natural Disaster, Place, and Symbolic Survival." \$250.
University of Oregon, Environmental Studies Program.
-Environmental Studies Program Interdisciplinary Seed Grant, with co-principal investigator Professor Erin Moore to research Hurricane Irma in the Florida Keys using environmental sociology, law, and architecture. \$3,000.
-Donald and Coeta Barker Foundation Award, to support dissertation travel costs. \$750.
University of Oregon Graduate School.
-University of Oregon Graduate School Special Opps Award. \$500.
- 2017-18, 2014-16 -Graduate Teaching Fellowship/Graduate Employee Funding. Fully funded teaching fellowship.
- 2016-17 -First Year Fellowship. Fully funded non-teaching fellowship used to develop research.
- 2004 Vanderbilt University Law School.
-*Vanderbilt Law Review*, Articles Editor.
- 1999 University of Pennsylvania.
-Graduated *magna cum laude* (Distinction in Anthropology).

-Senior Thesis on the complementary nature of modern and traditional health systems conducted in Harare, Zimbabwe.

ACADEMIC PUBLICATIONS

Daniel Shtob and Larissa Petrucci (forthcoming). "Gendered Care Work and Environmental Injustice: A Feminist Analysis of Educator's Emotional Labor in Disaster Recovery." *Environmental Justice*.

Patrick Greiner, Daniel Shtob, and Jordan Besek (2020). "Is Urbanization Good for the Climate? A Cross-County Analysis of Impervious Surface, Affluence, and The Carbon Intensity of Well-Being." *Socius*, 6: 1-16.

Daniel Shtob (2019). "Remembering the Future: Natural Disaster, Place, and Symbolic Survival." *Rural Sociology*, 84(1):123-147.

Jordan Besek and Daniel Shtob (2019). "Breaking the Divide: Setting Environmental Precedent in the Chicago River." *Law & Policy*, 41(4):387-410.

Daniel Shtob (2004). "Note: Corruption of a Term: The Problematic Nature of 18 U.S.C. §1512(c), the New Federal Obstruction of Justice Provision." *Vanderbilt Law Review*, 57(4):1429-1464.

ACADEMIC PUBLICATIONS IN PREPARATION

Daniel Shtob. "Resilience Spaces: Rethinking Resilience and the Disaster Experience from the Perspective of Materialist Environmental Sociology."

Daniel Shtob. "Shocks, Stresses, and Municipal Bonds: The Case of Moody's, Credit Ratings, and Creation in the Name of Resilience."

Mathew Hauer, R. Kyle Saunders, and Daniel Shtob. "The Unfolding of Climate Injustice: Projections of Social Inequalities as a Result of Climate Change in the United States."

Daniel Shtob and Jordan Besek. "Environmental Precedent and Environmental Sociology: Integrating Law and the Study of Socio-Environmental Interactions."

Camila Alvarez, Daniel Shtob, and Nicholas Theis. "Militarization, Race, and Air Toxins: A Critical Environmental Justice Approach to the Treadmill of Destruction."

CURRENT RESEARCH

2018-Present. Dissertation research (ongoing after successful defense) using qualitative interviews and quantitative spatial analysis to ask how iterative experiences with hurricanes over time interact with real estate development, design, and finance to pattern potential coastal risk and inequality, as well as how these patterns were catalyzed into cognizable socio-environmental impacts by Hurricane Irma in the lower Florida Keys in 2017. This project is presently being expanded to consider the interactions of law, finance, resilience, and a wider range of disasters, including Hurricane Michael in Bay County, Florida in 2018.

2019-Present. With Camila Alvarez and Nicholas Theis, an analysis of the relationships between air toxics, race, and military base siting and technological intensity using hierarchical linear modeling and GIS. This project draws on frameworks including the treadmill of destruction to assess the environmental consequences of American militarism. Results indicate that proximity to military facilities has nearly equal explanatory power to standard environmental justice variables and may exacerbate relationships between race and air toxic exposure.

2019-Present. With Mathew Hauer and R. Kyle Saunders, a synthetic analysis of coastal demography and environmental justice, employing county-level coastal population projections and sea level rise estimates for the next century to predict patterns of environmental inequality formation into the distant future.

2019-Present. With Leigh Johnson, a case analysis of the recent bankruptcy of Pacific Gas & Electric Company due to wildfire liability, to understand how climate-related change to geographies of catastrophic risk may overwhelm existing legal and financial risk frameworks and promote environmental injustice.

2018-Present. Co-principal investigator of interdisciplinary project team of five graduate students from four universities that received funding from the NSF-supported National Socio-Environmental Synthesis Center (SESYNC). This project focuses on drivers of the observed impacts of Hurricane Maria on Puerto Rico's agro-food systems, including the study of how to direct future rapid response under conditions of duress and limited data.

2018-Present. With Raoul Liévanos, an analysis of the development of patterns of residential segregation and housing inequality in cities in the Pacific Northwest, using GIS and historical research techniques to illustrate the unique development of racialized urban spaces in the region.

SELECTED ACADEMIC PRESENTATIONS

"Resilience, Recovery, and Reality: Hurricanes, Housing, and the Human Cost of Disaster." Presentation at the Environmental Arts and Humanities Conference. Corvallis, Oregon, 2020.

"What Disaster Sociology Taught Me About COVID-19: A Virtual Pub Talk." Presentation for the University of Oregon Environmental Studies Program. Eugene, Oregon, 2020.

"Breaking the Divide: Setting Environmental Precedent in the Chicago River." Presentation at the American Sociological Association Annual Meeting. New York, New York. 2019.

"Pollution and Pavement: Impervious Surfaces, the Built Environment, and Carbon Intensity of Well Being." Presentation at the Rural Sociological Society Conference. Portland, Oregon. 2018.

"Fluid Boundaries: The Social Construction of Environmental Catastrophe in a Coastal Community." Presentation and Panel Chair, Association of Environmental Studies and Sciences Conference, Washington D.C. 2016.

"The Klamath Tribes and Water Rights: A Critical Review of the 1954 Termination of Federal Recognition." Presentation at the 3rd Annual Climate Change and Indigenous People's Conference. Eugene, Oregon. 2014.

ACADEMIC TEACHING

BROOKLYN COLLEGE, CUNY. Assistant Professor, Sociology and Urban Sustainability.

Sociology of the Environment (Fall 2020); Race, Class, and Environmental Justice (Fall 2020); Introduction to Urban Sustainability (Fall 2020); Sociological Quantitative Methods (Spring 2021); Sustainability Theory (Spring 2021).

UNIVERSITY OF OREGON. Graduate Teaching Fellow/Graduate Employee.

Instructor of record: The Sociology of Natural Disaster (Summer 2020); Environmental Law, Protection, and Justice (Winter 2019); The Design of Disaster (Fall 2018); Food and Water Access, Availability, and Security (classroom Fall 2015 and online Summer 2019, 2018); Introduction to Environmental Studies and the Social Sciences (Summer 2017).

Teaching assistant supporting university faculty for: Introduction to Sociology; Social Inequality; Sociological Theory; Urban Sociology; Introduction to Environmental Studies and the Social Sciences; Introduction to Environmental Studies and the Natural Sciences; Introduction to Environmental Studies and the Humanities; and Soil Science.

UNDERGRADUATE ADVISING

Developed and Supervised Internship Program Developed with the Brooklyn College Urban Sustainability Program and the Regional Planning Association for undergraduate students to study New York City's digital economy waste streams. Spring 2021 – Present.

Chair for Undergraduate Thesis on the Social Drivers and Efficacy of 1970s-Era Environmental Laws. June 2020.

Committee Member for Undergraduate Honors Thesis, "Reconciling Generational Sovereignty and Environmental Preservation: *Juliana v. United States*." June 2019.

Committee Member for Undergraduate Thesis, "Climate Impacts on Tribal Health Examined Under Law, Policy and Tribal Sovereignty." June 2019.

SELECTED PROFESSIONAL EXPERIENCE

CHIPEMBELE WILDLIFE EDUCATION TRUST. Community Outreach Manager. Mfuwe, Zambia. 2013–2014.

Developed community conservation education program and curricula for residents of villages near national park with some of the highest wildlife concentrations in Africa; focus was on economic development, human-wildlife conflict, and better coordination of conservation and community needs.

Curricula created covered basic conservation and ecology; human-wildlife conflict mitigation; sustainable income generation; the sustainable use of forest products; and the use of alternative fuels.

Developed the working plan for a Community Conservation Resource Area, (CCRA) a protected micro-preserve to be used for community education and use assessment, including spatial analysis and mapping; flora and fauna surveying; and monitoring of human activity, including poaching.

U.S. PEACE CORPS, ZAMBIA. Linking Income, Food, and the Environment (LIFE) Program. Forestry Extension Agent. Ngalama Village, Kazembe Chiefdom, Luapula Province. 2011–2013.

Trained farmers to use responsible methods to increase food production and quality while mitigating environmental damage; introduced several sustainable income-generating activities.

Promoted village-level food security projects, including initiatives to increase crop diversity, support beekeeping, and educate about diet and nutrition. Developed a community soybean seed bank that dramatically increased soybean production in an area traditionally experiencing severe protein deficiency.

Facilitated and assisted in the organization of the first local mutual help women's group to promote food security, nutritional diversity, and micro entrepreneurship.

DECHERT LLP, New York, New York. Associate Attorney, Finance & Real Estate Practice Group. 2006–2009.

Associate in a legal practice focused on acquisitions and dispositions of commercial real estate and real estate mergers and acquisitions. Practice also focused on equity joint venture arrangements; mortgage and mezzanine lending; real estate fund and REIT formation; structured finance; securitization of real estate interests and obligations; and the leasing, subleasing, and licensing of commercial properties.

Worked with public officials to ensure compliance with land use and tax regulations.

Supervised groups of attorneys and support staff sometimes numbering twenty or more in complex transactions spanning a number of legal practice areas such as real estate, tax, litigation, and corporate restructuring and bankruptcy.

Completed pro bono projects including assisting a municipality to develop and manage subsidized housing and ensure HUD compliance, assisting small businesses with start-up real estate and general matters, and developing a guidebook for a pro bono service organization seeking client assistance.

Awarded Dechert LLP Pro Bono Service Award.

AKIN GUMP STRAUSS HAUER & FELD LLP, New York, New York. Associate Attorney, Real Estate and Finance Practice Group. 2006.

KING & SPALDING LLP, New York, New York. Law Clerk and Associate Attorney, Financial Transactions and Real Estate Practice Groups. 2004–2005. Summer Associate, 2003.

PROFESSIONAL LICENSES, MEMBERSHIPS, AND SERVICE.

Member of the Bar of the State of New York.

American Sociological Association (environmental sociology; sociology of law; animals and society).

American Association of Geographers (hazards, risks and disasters; legal geography; economic geography).

Referee for *Rural Sociology*.

Referee for *Socius: Sociological Research for a Dynamic World*.

Referee for Abstracts for the International Association for the Study of Traditional Environments (IASTE) 18th Biennial Conference, *Virtual Traditions*, Nottingham UK, September 2020.