Will B. Payne, Ph.D.

Rutgers University, 33 Livingston Ave.
New Brunswick, NJ 08901
will.b.payne@rutgers.edu | 848.932.2370
@willbpayne.bsky.social | willbpayne.com

I use quantitative and qualitative methods to study changing cities and digital technologies, with a research focus on local review platforms and urban inequality.

ACADEMIC APPOINTMENTS

2020-   **Assistant Professor, Geographic Information Science**

Edward J. Bloustein School of Planning and Public Policy, Rutgers University

Concentrations: Community Development and Housing, Transportation Policy and Planning, Urban Informatics (Co-Coordinator).

Affiliations: Master of Public Informatics (MPI) Program, Department of Geography (Graduate Faculty), Ralph W. Voorhees Center for Civic Engagement, RUGIS/University Consortium for Geographic Information Science (UCGIS).

EDUCATION

2014-2020   **Ph.D., Geography** (Designated Emphasis in New Media)

University of California, Berkeley

Dissertation: "Algorithmic Gentrification: Locating Value in Urban Information Systems"

Committee: Michael Watts (Co-Chair, Geography), David O'Sullivan (Co-Chair, Geography, Victoria University of Wellington), Teresa Caldeira (City and Regional Planning), Paul Duguid (School of Information).

Certificates: Global Urban Humanities, Teaching and Learning in Higher Education

2003-2007   **A.B. with High Honors in History and Literature**
Harvard College

PROFESSIONAL EXPERIENCE

2012-2014   **Director, Marketing** (formerly: Manager, Senior Manager)

Ticketfly, San Francisco, CA

Responsible for product marketing, brand advertising, public relations, social media strategy, and content marketing for a music technology and ticketing startup, supervising three full-time employees.

2007-2011   **Manager, Viewer Created Content** (formerly: Associate, Coordinator)

Current TV, San Francisco, CA

Created a national college filmmaker program at the Emmy Award-winning documentary cable and satellite television network and social news website founded by Vice President Al Gore. Managed a national team of paid part-time outreach representatives and executed online and experiential marketing campaigns.

PUBLICATIONS (* designates PhD student and postdoc co-authors)

Journal Articles

2025   Fraser, Emma, Clancy Wilmott, and **Will B. Payne**. "From the Urban Factory to the Metaverse: Understanding Datafication, Spatial Computing and Digital Twinning Practices." *New Media & Society*. In press. **[14]**

——   McGlynn, Evangeline & **Will B. Payne**. "Counter-GIS Experiments in Distance Interpolation: Case Studies with the Relational Reprojection Platform." *Cartographic Perspectives*. DOI: 10.14714/CP107.1869. **[13]**

——   Wilmott, Clancy, Emma Fraser, and **Will B. Payne**. "Expanding the City Digital Twin in the Context of Crisis, Cartography, and Computation." *Dialogues in Urban Research*. DOI: 10.1177/27541258251318986. **[12]**

2024   **Payne, Will B.** "Review Bombing the Smart City: Contested Political Speech on Local Review Platforms." *Big Data & Society,* 11, no. 3 (2024). DOI: 10.1177/20539517241275879. **[11]**

——   **Payne, Will B.** & Evangeline McGlynn. "Relational Reprojection Platform: Non-linear distance transformations of spatial data in R." *Environment and Planning B: Urban Analytics and City Science* 51, no. 2 (2024), 546–552. DOI: 10.1177/23998083231215463. **[10]**

——   Deitz, Shiloh,* **Will B. Payne**, Eric Seymour, Kathe Newman, and Lauren Nolan.* "Local Landscapes of Assisted Housing: Reconciling Overlapping and Imprecise Administrative Data for Research Purposes." *Cityscape* 26, no. 1 (2024). https://www.huduser.gov/portal/periodicals/cityscape/vol26num1/article16.html **[9]**

2023   **Payne, Will B.**, Lauren Nolan,* and Eric Seymour. "When a City isn't a City: Aggregating Data from the Picture of Subsidized Households to the Municipal Scale for Research Purposes." *Cityscape* 25, no. 3 (2023). https://www.huduser.gov/portal/periodicals/cityscape/vol25num3/article10.html. **[8]**

2022   Stehlin, John & **Will B. Payne**. "Disposable infrastructures: 'Micromobility' Platforms and the Political Economy of Transport Disruption in Austin, Texas." *Urban Studies* 60, no. 2 (2022). DOI: 10.1177/00420980221091486 **[7]**

2021   **Payne, Will B.** "Powering the Local Review Engine at Yelp and Google: Intensive and Extensive Approaches to Crowdsourcing Spatial Data." *Regional Studies* 55, no. 12 (2021). DOI: 10.1080/00343404.2021.1910229 **[6]**

——   Stehlin, John & **Will B. Payne.** "Meso-scale Infrastructures and Uneven Development: Bicycle Sharing Systems in the United States as "Already-Splintered" Urbanism." *Annals of the American Association of Geographers* 112, no. 4 (2021). DOI: 10.1080/24694452.2021.1956874 **[5]**

2020   **Payne, Will**, Sarah Knuth & Dillon Mahmoudi. "Urban Real Estate Technologies: Genealogies, Frontiers, & Critiques," *Urban Geography*, 41, no. 8 (2020), 1033-1036. DOI: 10.1080/02723638.2020.1820678 **[4]**

—— **Payne, Will B.** & David O'Sullivan. "Exploding the Phone Book: Spatial Data Arbitrage in the 1990s Internet Boom." *Annals of the American Association of Geographers* 110, no. 2 (2020): 391-398. DOI: 10.1080/24694452.2019.1656999 **[3]**

Reprinted in *Smart Spaces and Places*, ed. Ling Bian (Routledge, 2021).

2017　**Payne, Will B.** "Welcome to the Polygon: Contested Digital Representations of Urban Neighborhoods," *Computational Culture*, Vol. 6: Geographies of Software (2017). **[2]**

2016　Thatcher, James, **Will B. Payne** et al. "Revisiting Critical GIS: Reflections from Friday Harbor,"*Environment and Planning A* 48, no. 5 (2016): 815–824. DOI: 10.1177/0308518X15622208 **[1]**

Journal Articles (Under Review)

2025　**Payne, Will B.**, Emma Fraser, and Clancy Wilmott. "Digital Twin or Digital Kin: Misunderstandings and Myths about Urban Simulation, and Directions for Change." Revision submitted.

—— **Payne, Will B.** "Gourmet Gentrification: Mapping Elite Tastes along New York City's Consumption Frontier, 1990-2015." Revision submitted.

—— Burns, Ryan, **Will B. Payne** et al. "Emerging Dialogues, Debates, and Directions in Digital Geographies." In revision.

—— Laura Geronimo,* **Will B. Payne,** Elisabeth Gilmore, Robert Kopp, and Clinton Andrews. "Cultural and Institutional Factors Driving Severe Repetitive Flood Losses: Insights from the Jersey Shore." In revision.

—— Laura Geronimo,* Clinton Andrews, Robert Kopp, **Will B. Payne**, and Elisabeth Gilmore. "Tradeoff Analysis of Recovery Pathways post Superstorm Sandy: a New Jersey Case Study." In revision.

—— Virata, Nasha* & **Will B. Payne.** "Eat Local, Live Global: A Mixed-Methods Case Study of Platform Urbanism in Makati, Philippines." In revision.

—— **Payne, Will B.** & Evangeline McGlynn. "Centering Place and Relationality in Digital Cartography: The Past, Present, and Future of Azimuthal Projections." Under review.

Journal Articles (In Preparation)

Kushari, Triparnee* & **Will B. Payne.** "The Selective Visibility of Last-Mile Delivery Warehousing: 'Dark Stores' and their Impact in New York City."

Payne, Will B. "Measuring the Embeddedness of Businesses in Gentrifying Neighborhoods: Examining Two Decades of Yelp Reviews in Bushwick and Ridgewood, New York City."

Alex Tarr & **Will B. Payne.** "Beyond Regional Advantage: Legacies and Futures of the Route 128 (Sub)Urban Technology Landscape."

Book Chapters

2020   **Payne, Will B.** "Crowdsourcing Before the Smartphone: The Zagat Survey's Quantification of Everyday Life in 1980s New York" in *The Performance Complex: Competitions and Valuations in Everyday Life*, ed. David Stark (Oxford University Press, 2020). DOI: 10.1093/oso/9780198861669.001.0001 **[B2]**

——   **Payne, Will B.** "Piedmont-Oakland Border." in *A People's Guide to the Bay Area*, eds. Rachel Brahinsky and Alex Tarr (University of California Press, 2020). **[B1]**

Research Reports

2024   Seymour, Eric, Nadia Mian, Kathe Newman, Emmy Tiderington, Shiloh Deitz,* and **Will B. Payne**. "Homelessness in New Brunswick and Programs to Address It." Ralph W. Voorhees Center for Civic Engagement, Edward J. Bloustein School of Planning and Public Policy, Rutgers University. **[R3]**

——   Seymour, Eric, **William Payne**, Kathe Newman, and Lauren Nolan.* "Corporate Ownership of Small Residential Properties in Seven New Jersey Municipalities." Ralph W. Voorhees Center for Civic Engagement. **[R2]**

2023   Seymour, Eric, **Will B. Payne**, Kathe Newman, Shiloh Deitz,* and Lauren Nolan.* "Rent Control in New Jersey: What Is It? Where Is It? How Does It Work?" Ralph W. Voorhees Center for Civic Engagement. **[R1]**

Other Publications

2018   **Payne, Will B.** "Crawling the City." *Logic*, Vol. 4: Scale (2018).

2015   John Elrick & **Will B. Payne**. "Model City: Rule of Innovation." Essay for Robby Herbst's *New New Games* exhibit, Southern Exposure Gallery, San Francisco.

Book Reviews

2018   **Payne, Will B.** "Location-based Social Media: Space, Time and Identity, by Leighton Evans and Michael Saker." *Environment and Planning B: Urban Analytics and City Science* (2018). DOI: 10.1177/2399808318758073

——   **Payne, Will B.** "Dubious Gastronomy: The Cultural Politics of Eating Asian in the USA, by Robert Ji-Song Ku." *Graduate Journal of Food Studies,* 7 (2018).

Media Coverage

2024   Bruno, Greg. "Not All 'Review Bombing' Is Bad for Business." *Rutgers Today*. October 31, 2024.

2023   Kelatlhilwe, Tumisang. "Proximity of Bars to Schools Blamed for Students' Alcohol Consumption." *The Ngami Times* (Maun, Botswana). December 15-22, 2023.

2021   Mantle, Larry. "NextDoor Promised Changes To Make Its App Less Discriminatory. Has The App's Culture Improved?" KPCC 89.3FM, March 16, 2021.

—— Heilweil, Rebecca. ["How the Covid-19 Pandemic Broke Nextdoor."](#) *Recode*, February 9, 2021.

2020 Payne, Will B. ["Using Crowdsourcing Applications to Interpret and Build More Equitable Cities."](#) *EJB Talks Podcast*. October 27, 2020.

—— Heilweil, Rebecca. ["The Messy Politics of Nextdoor."](#) *Recode*, October 26, 2020.

2018 Charles, J. Brian. ["Are Smartphones Speeding Up Gentrification?"](#) *Governing*, August 1, 2018.

—— Parthasarathy, Padmini. ["Technology Takeover: How Does GPS Affect Our Spatial Memory?"](#) *North Gate Radio*, KALX 90.7FM, March 15, 2018.

RESEARCH FUNDING (AWARDED)

2024-2025 Co-Principal Investigator. "Trends in Investor Acquisition of Residential Properties in NJ since 2000 and the Submarket-Specific Characteristics of Investors and their Business Practices," New Jersey State Policy Lab. ($12,799; PI: Dr. Eric Seymour, Rutgers University).

2023-2024 Co-Principal Investigator. "Investigation of Investor Residential Property Acquisition in New Jersey," Robert Schalkenbach Foundation. ($20,000; PI: Dr. Eric Seymour, Rutgers University).

2023 Co-Principal Investigator. "Digital Geographic Movements and Methods." Connection Grant, Social Sciences and Humanities Research Council of Canada. ($14,380 CAD; PI: Dr. Ryan Burns, University of Calgary).

2022-2024 Principal Investigator. "Prioritizing Hazard Mitigation Investments for Equitable and Efficient Adaptation of Coastal Residential Communities." New Jersey Sea Grant Consortium Biennial Research Competition. ($140,000)

2022-2023 Principal Investigator. "Alcohol Outlets, Neighborhood Characteristics and Gender-Based Violence: An Ecological Analysis of Maun, Botswana." Rutgers Global International Collaborative Research Grant. ($8,000)

2022 Co-Principal Investigator. "Connecting Experienced Racial Discrimination and Mental Health Outcomes to Place-based Structural Racism and Resilience Measures in the Wake of the COVID-19 Pandemic." Healthy Communities Seed Grant Program, Edward J. Bloustein School of Planning and Public Policy, Rutgers University. ($15,000; PI: Dr. Yen-Tyng Chen, Rutgers University)

2021-2024 Co-Principal Investigator. "State of New Jersey's Affordable Rental Housing." Robert Wood Johnson Foundation. ($1,218,000; PI: Dr. Eric Seymour, Rutgers)

2021-2022 Senior Personnel. "Energy Benchmarking Covered Building List." New Jersey Board of Public Utilities. ($173,908; PI: Dr. Clinton Andrews, Rutgers)

RESEARCH EXPERIENCE

2020	Graduate Student Researcher, "Getting On The Map: The Impact of Online Listings on Business Performance" (PI: Dr. Abhishek Nagaraj, University of California).
2018-2019	Graduate Student Researcher, "Public-Private Partnerships in Flexible Mobility Technologies," Science, Technology, and Society (STS) Program, National Science Foundation (PI: Dr. John Stehlin, University of California).

FELLOWSHIPS, GRANTS, AND AWARDS

2023	Honorable Mention, Jerome Rose Teaching Award, Bloustein School, Rutgers University.
2020	Doctoral Completion Fellowship, University of California, Berkeley. ($17,500)
2019	Global Urban Humanities Fellowship, Townsend Center for the Humanities, University of California, Berkeley. ($18,000)
2017-2018	Equity and Inclusion Mapping Fellowship, UC Global Food Initiative, University of California Office of the President. ($6000)
——	Undergraduate Research Assistant Funding, Berkeley Center for New Media. ($1500)
2016	Summer Research Fellowship, Berkeley Center for New Media. ($1300)
——	Honorable Mention, National Science Foundation Graduate Research Fellowship.
2007	Oliver-Dabney Prize for Senior Thesis of High Distinction, Harvard College.

INVITED TALKS

2025	"Mapping the Relational Spaces of Location-Based Media," Berkeley Center for New Media 20th Anniversary Conference, University of California, Berkeley.
2024	"Understanding Neighborhood Change Through Urban Platform Data," Seminar Talk, Digital Studies Center, Rutgers University, Camden.
2023	"What Makes a Business "Local"? Measuring the Changing Geographies of Urban Consumption," Geography Awareness Week Colloquium, Department of Global Studies & Geography, Hofstra University.
2021	"A Portrait of Bergen County Today," Board of Trustees Retreat, Russell Berrie Foundation (Virtual).
2019	"Gourmet Gentrification: Mapping Elite Tastes Along New York's Consumption Frontier, 1990-2015," Nutrition and Food Studies Department, New York University.

CONFERENCE ACTIVITY

Conference Organizer

2023	Organizing Committee Member, Digital Geographic Movements and Methods Workshop, University of Calgary.

Session Organizer

2025	"Technology, Power, and the City" (three paper sessions), American Association of Geographers (AAG) Annual Meeting, Detroit.
——	"Dynamics of Housing Affordability, Investment, and Stability in the United States in the Wake of the Pandemic" (paper session), Urban Affairs Association (UAA) Annual Meeting, Vancouver.
2024	"Methods On the Edge: Critical and Computational Urban Research" (colloquy), UAA Annual Meeting, New York City.
2023	"Creativity & Cartographic Practice" (panel sessions), North American Cartographic Information Society (NACIS) Annual Meeting, Pittsburgh.
——	"Experimental Digital Mapping // Back to the Future" (two paper sessions), American Association of Geographers (AAG) Annual Meeting, Denver.
——	"Using Administrative Data to Better Understand the State of Affordable Rental Housing" (panel session), AAG Annual Meeting, Denver.
2021	"Politics and Identity in Digital Geographies" (two paper sessions), AAG Annual Meeting (virtual, postponed from 2020 meeting).
2019	"Digital Geographies Specialty Group Keynote Panel: Digital Geographies of Difference," AAG Annual Meeting, Washington, D.C.
——	"Messy Infrastructure, Digital Labor, and the Everyday City" (two paper sessions), AAG Annual Meeting, Washington, D.C.
——	"Political Economies of Geolocation" (two paper sessions), AAG Annual Meeting, Washington, D.C.
2017	"Real Estate Technologies: Genealogies, Frontiers, & Critiques" (three paper sessions), AAG Annual Meeting, Boston.

Workshop Instructor

2023	"Cloud-Based Coding in the Classroom: Using Google Colab to Teach Urban Data Science," Association of Collegiate Schools of Planning (ACSP) Annual Meeting, Chicago.
——	"Immersive Digital Environments in Geographic Research," Digital Geographic Movements and Methods Workshop, University of Calgary.
——	"Cloud-Based Coding: Using Google Colab for Geospatial Education and Research," UCGIS Symposium 2023, Yale University.

Presenter

| 2025 | "Tactical Flexibility in Urban Platform Research: Web Scr-API-ng a Relational Spatial Dataset of Small Business Reviews," AAG Annual Meeting, Detroit. |
| —— | "The Geography of Investor Activity in Small Residential Properties in New Jersey," (first author Eric Seymour) AAG Annual Meeting, Detroit. |

——	"Locals Only? Connecting Housing Affordability in Asbury Park, NJ to Shifting Retail Landscapes in the Wake of the Covid-19 Pandemic," UAA Annual Meeting, Vancouver.
——	"The Section 8 (F)influencer Economy," 7th Global Conference on Economic Geography, Clark University.
2024	"Measuring the Embeddedness of Businesses in Gentrifying Neighborhoods," ACSP Annual Meeting, Seattle.
——	"Investor Acquisition of Residential Properties in New Jersey," (presenting author Eric Seymour) ACSP Annual Meeting, Seattle.
——	"Warping Polygons with the Relational Reprojection Platform," (with Evangeline McGlynn) CaGIS-UCGIS Joint Symposium, Columbus, OH.
——	"Local Landscapes of Assisted Housing: Reconciling Layered and Imprecise Administrative Spatial Data for Research Purposes," (presenting author Shiloh Deitz) CaGIS-UCGIS Joint Symposium, Columbus, OH.
——	"Digital Twin or Digital Kin: Misunderstandings and Myths about Urban Simulation," (with Emma Fraser and Clancy Wilmott) Urban Affairs Association (UAA) Annual Meeting, New York City.
——	"Federally Assisted Housing Futures: Layering, Conversion, and Beyond," (presenting author Shiloh Deitz) UAA Annual Meeting, New York City.
——	"Investor Activity in New Jersey Residential Properties," (presenting author Eric Seymour) UAA Annual Meeting, New York City.
——	"Extending Jersey's Gold Coast, Asbury Goes Platinum," (presenting author Kathe Newman) UAA Annual Meeting, New York City.
——	"Community-Led GIS Training in Low-Data Settings," AAG Annual Meeting, Honolulu (virtual participation).
2023	"What Makes a Business "Local"? Measuring the Changing Geographies of Urban Consumption," Gentrification: An International Dialogue, Boston University.
——	"The Relational Reprojection Platform: Non-linear distance transformations of spatial data in R," UCGIS Symposium 2023, Yale University.
——	"Tenancy Protections in NJ: the Current State of Rent Control," (presenting author Kathe Newman), ACSP Annual Meeting, Chicago.
——	"Our House...in the Middle of the Street?," (presenting author Shiloh Deitz) Urban Affairs Association (UAA) Annual Meeting, Nashville.
——	"Patchwork Protections: The Variegated Nature of NJ Municipal Rent Control," (presenting author Eric Seymour) UAA Annual Meeting, Nashville.
——	"The Relational Reprojection Platform: What Is It Good For?," (with Evangeline McGlynn), AAG Annual Meeting, Denver.
——	"Reassembling the Region: The Long View of Metropolitan Boston's Tech Landscape," (with Alex Tarr), UAA Annual Meeting, Nashville.

2022	"Beyond Advantage: How Silicon Valley Remade Massachusetts' (Sub)Urban Technology Landscape in its Own Image," (with Alex Tarr), ACSP Annual Meeting, Toronto.
——	"Beyond Advantage: How Silicon Valley Remade Massachusetts' Technology Landscape in its Own Image," (presenting author Alex Tarr), Global Conference on Economic Geography, Dublin, Ireland.
——	"The Uses of Crowdsourcing in Platform Urbanism," (with John Stehlin), UAA Annual Meeting, Washington, D.C.
——	"Analyzing Small Businesses' 'Catchment Areas' Over Time with Local Review Data," AAG Annual Meeting, New York City (Virtual).
2021	"Using Local Review Data to Analyze Shifting 'Catchment Areas' of Gentrifying and Controversial Businesses," ACSP Annual Meeting, Miami (Virtual).
——	"Review Bombing the Smart City: Contested Political Speech on Local Review Platforms," AAG Annual Meeting, Seattle (Virtual).
2020	"New Relational Approaches to Cartography: Pseudo-Spatial Workflows" (with Evangeline McGlynn), North American Cartographic Information Society (NACIS) Annual Meeting (Virtual).
2019	"Gourmet Gentrification: Mapping Elite Tastes Along New York's Consumption Frontier, 1990-2015," Mapping (In)Justice Symposium, Fordham University.
——	"Neither Pin Map nor Network Visualization: Liminal Mapping With Pseudo-Spatial Charts" (with Evangeline McGlynn), NACIS Annual Meeting, Tacoma.
——	"'Share Your World': Mobilizing Free Labor in the Spatial Data Economy," AAG Annual Meeting, Washington, D.C.
——	"'Meso-level' Infrastructures and Uneven Development: Shared Mobility in the United States as "Already-Splintered" Urbanism" (with John Stehlin), AAG Annual Meeting, Washington, D.C.
——	"Liminal Mapping with Pseudo-Spatial Charts," (with Evangeline McGlynn), AAG Annual Meeting, Washington, D.C.
2018	"Indexing the City: Location-Based Services as Smart City Platforms," AAG Annual Meeting, New Orleans.
2017	"The Zagat Survey as Class Strategy: Quantified Consumption and Urban Change in 1980s New York," Future of Food Studies, Washington University in St. Louis.
——	"Location-Based Services Avant La Lettre: The Zagat Survey and Quantified Lifestyles in 1980s New York," AAG Annual Meeting, Boston.
——	"The Zagat Survey, the Professional Class, and Quantified Lifestyles in 1980s New York," "From Prizes to Prices" Workshop, University of Bologna, Italy.
2016	"The Rise and Fall of a 'Worldian Language': Amenity Symbols from ISOTYPE to OpenStreetMap," NACIS Annual Meeting, Colorado Springs.
——	"What's in a (Neighborhood) Name? Location-Based Services and Contested Delineations of Place," AAG Annual Meeting, San Francisco.

Panelist

2024	"Investor and Corporate Owned Housing," Rutgers Equity Alliance for Community Health (REACH) Housing Conference, Rutgers University, New Brunswick.
——	"Methods On the Edge: Critical and Computational Urban Research," UAA Annual Meeting, New York City.
——	"Empowering Citizens: AI and Public Engagement" (Panelist), New Jersey Digital Government Summit, Trenton, New Jersey.
2023	"Creativity & Cartographic Practice." North American Cartographic Information Society (NACIS) Annual Meeting, Pittsburgh.
——	"Using Administrative Data to Better Understand the State of Affordable Rental Housing." AAG Annual Meeting, Denver.
2022	"Author meets Critics: Data Power, Radical Geographies of Control and Resistance." AAG Annual Meeting, New York City (Virtual).
2021	"Smart Data to Illuminate Community Grand Challenges," New Jersey Big Data Alliance (NJBDA) 2021 Symposium, Princeton University (Virtual).
2018	"My City is Smarter than Yours: Deconstructing the Buzzwords," AAG Annual Meeting, New Orleans.

Discussant

2024	"Social Equity, Urban-rural Disparities, and Digital Adaptation," ACSP Annual Meeting, Seattle.
2021	"Land Use, Zoning, & Urban Development," Krueckeberg Doctoral Conference. Bloustein School of Planning and Public Policy, Rutgers University (Virtual).
2018	"Platform Urbanism 4: Logistics, Mobilities, and Enactment," AAG Annual Meeting, New Orleans.
——	"Performances of Value" Workshop, University of Warwick (UK).
2017	"Real Estate Technologies: Genealogies, Frontiers, & Critiques," AAG Annual Meeting, Boston.

CAMPUS TALKS AND GUEST LECTURES

2025	"Understanding Neighborhood Change Through Urban Platform Data," Invited Guest Lecture in "Urban Informatics" Course, Taubman College of Architecture and Urban Planning, University of Michigan.
2024	"Measuring the Embeddedness of Businesses in Gentrifying Neighborhoods," Bloustein Research Seminar, Rutgers University.
2023	"'Share Your World': Mobilizing Free Labor in the Spatial Data Economy," 2023 Teach-In, Bloustein School of Planning and Public Policy, Rutgers University.
2020	Guest Lecture, "Fall Coastal Resilience Studio," Bloustein School of Planning and Public Policy, Rutgers University.

2016-2018	Guest Lectures, "Research Methods in Environmental Design," "Cartographic Representation," "American Cultural Landscapes," University of California, Berkeley.
2016	Exhibition Curation and Lecture, "Real Estate Maps: Development and Delusion," Earth Sciences and Map Library, University of California, Berkeley.

TEACHING EXPERIENCE

Bloustein School of Planning and Public Policy, Rutgers University

2024-2025	GIS Lead Instructor, Bloustein School, Rutgers University.
2025-	10:971:395 "Intro to GIS." (Undergraduate)
2022-	10:971:395 "Methods of Planning Analysis." (Undergraduate)
2021-	34:970:591 "Intro to GIS." (Graduate)
2020-	34:970:592 "Topics in GIS." (Graduate)
2022-	34:970:595 "Command-Line GIS." (Graduate)

Department of Geography, University of California, Berkeley

2017-2019	80 "Digital Worlds: Introduction to Geospatial Technologies." (Undergraduate)
2015-2017	50AC "California." (Undergraduate)

STUDENT SUPERVISION

Ph.D. Dissertations, Primary Advisor

ABD	Triparnee Kushari (Planning and Public Policy, Rutgers). Title: TBD.
ABD	Anastasia Virata (Planning and Public Policy, Rutgers). Title: TBD.

Ph.D. Dissertations, Committee Member

2025	Nicole Milano (School of Public Health, Rutgers). Title: "Exploring Spatial Accessibility to Primary Care among Vulnerable Populations in New Jersey."
2024	Laura Geronimo (Planning and Public Policy, Rutgers). Title: "Facing Future Floods: Equitable Risk Reduction for Coastal Residential Communities."
2022	Khai Nguyen (Geography, Rutgers). Title: "Succeeding in a Changing Climate: Adaptation and Resilience Planning for Cities, Industries, and Communities."

DEPARTMENTAL & UNIVERSITY SERVICE

2025	Member, Graduate Admissions Committee, Department of Geography, School of Arts and Sciences, Rutgers University, New Brunswick.
2025	Member, Selection Committee, Ralph W. Voorhees Public Service Fellows, Bloustein School, Rutgers University.

2024, 2025	Faculty Evaluator, Dean's Fellowships to Broaden Participation, School of Graduate Studies, Rutgers University.
2023	Award Committee Member, Susan Fainstein Award and Dr. Donald A. Krueckeberg Memorial Scholarship Fund, Bloustein School, Rutgers University.
2022-	Coordinator, GIS Concentration, Master of Public Informatics (MPI) Program, Bloustein School.
2022-	Co-Coordinator, Urban Informatics Concentration, Urban Planning and Policy Development Program, Bloustein School.
2022-2024	Planning Committee Member, Bloustein Research Day, Bloustein School.
2021-2022	Faculty Search Committee Member (two positions), Urban Planning and Policy Development, Bloustein School.
2017-2019	Co-Organizer, New Media Working Group, University of California, Berkeley.

PROFESSIONAL SERVICE

2025-2029	Vice Chair/Chair (2-year consecutive terms), Digital Geographies Specialty Group, AAG.
2024-	Member, Conference Policy Committee, UAA.
2023-	Member, Trend Scouting Foresight Community, American Planning Association.
2023-2025	Secretary/Treasurer, Digital Geographies Specialty Group, AAG.
2022-	Member, Education Committee, UCGIS.
2021-2023	At-Large Board Member, Digital Geographies Specialty Group, AAG.
2021-2022	Member, Program Selection Committee on Best Practices in Data Analysis, AAG.
2021	"Equity Impacts of Differential Privacy in the 2020 Census," New Jersey-Philadelphia Chapter of Scholars Strategy Network (SSN) Pitch Session to Congresswoman Bonnie Watson Coleman's (NJ-12) Staff (Virtual).
——	Moderator (Virtual Expert Panel), "New Jersey Redistricting with Geographers: Mapping for Equity and Inclusion," AAG.
2018-2019	Student Board Member, Digital Geographies Specialty Group, AAG.
	Peer reviews for *The Annals of the American Association of Geographers*, *Big Data & Society*, *The Canadian Geographer*, *Cartographic Perspectives*, *Cartography and Geographic Information Science*, *Communication and Critical/Cultural Studies*, *Convergence*, *Environment and Planning D: Society and Space*, *Geography Compass*, *GeoJournal*, *The Geographical Journal*, *Geo-Spatial Information Science*, *Journal of Location Based Services*, *Journal of Transport Geography*, *Nature Cities*, *Political Geography*, *Progress in Planning*, *Transactions in GIS*, *Urban Geography*, and *Urban Transformations*.