Will B. Payne, Ph.D.

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, and content marketing for a venture capital-backed music technology startup, supervising three 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. Promoted to co-manage Viewer Created Content, a usergenerated short-form documentary and advertising program, producing content for web and television. 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 2024 Payne, Will B. "Review Bombing the Smart City: Contested Political Speech on Local Review Platforms." Big Data & Society. Accepted. McGlynn, Evangeline & Will B. Payne. "Counter-GIS Experiments in Distance Interpolation: Case Studies with the Relational Reprojection Platform." Cartographic Perspectives. Accepted. 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 Payne, Will B. & Evangeline McGlynn. "Relational Reprojection Platform: Nonlinear 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. 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. 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. 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: <u>10.1080/00343404.2021.1910229</u>. 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. 2020 Payne, Will, Sarah Knuth & Dillon Mahmoudi. "Urban Real Estate Technologies: Genealogies, Frontiers, & Critiques," Urban Geography, 41, no. 8 (2020), 1033-1036. DOI: <u>10.1080/02723638.2020.1820678</u> 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: 2017 Payne, Will B. "Welcome to the Polygon: Contested Digital Representations of Urban Neighborhoods," Computational Culture, Vol. 6: Geographies of Software (2017).

| 2016 | Thatcher, James, Will B. Payne et al. "Revisiting Critical GIS: Reflections from Friday Harbor," <i>Environment and Planning A</i> 48, no. 5 (2016): 815–824. DOI: <u>10.1177/0308518X15622208</u> |
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| | Journal Articles (Under Review) |
| 2024 | Payne, Will B. , Emma Fraser, and Clancy Wilmott. "Digital Twin or Digital Kin: Misunderstandings and Myths about Urban Simulation, and Directions for Change." In revision. |
| | Burns, Ryan, Will B. Payne et al. "Emerging Dialogues, Debates, and Directions in Digital Geographies." In revision. |
| | Fraser, Emma, Clancy Wilmott, and Will B. Payne . "From the Urban Factory to the Metaverse: Understanding Datafication, Spatial Computing and Digital Twinning Practices." 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. |
| | Payne, Will B. "Gourmet Gentrification: Mapping Elite Tastes along New York City's Consumption Frontier, 1990-2015." Submitted. |
| | 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." |
| | Virata, Nasha* & Will B. Payne. "The Global 'Urbans' of Platform Urbanism." |
| | Payne, Will B. & Evangeline McGlynn. "Centering Place and Relationality in Digital Cartography: The Past, Present, and Future of Azimuthal Projections." |
| | Alex Tarr & Will B. Payne. "Beyond Regional Advantage: Legacies and Futures of the Route 128 (Sub)Urban Technology Landscape." |
| | Payne, Will B. & Alex Tarr. "Reassembling the Region: The Long View of Metropolitan Boston's Tech Landscape." |
| | Payne, Will B. & John Stehlin. "The Uses of Crowdsourcing in Platform Urbanism." |
| | Book Chapters |
| 2020 | Payne, Will B. "Crowdsourcing Before the Smartphone: The Zagat Survey's Quantification of Everyday Life in 1980s New York" in <i>The Performance Complex: Competitions and Valuations in Everyday Life</i> , ed. David Stark (Oxford University Press, 2020). DOI: <u>10.1093/0so/9780198861669.001.0001</u> |
| | Payne, Will B. "Piedmont-Oakland Border." in <u>A People's Guide to the Bay Area</u> , eds. Rachel Brahinsky and Alex Tarr (University of California Press, 2020). |

| | 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. |
| 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, Edward J. Bloustein School of Planning and Public Policy, Rutgers University. |
| | Other Publications |
| 2018 | Payne, Will B. "Crawling the City." Logic, Vol. 4: Scale (2018). |
| 2015 | John Elrick & Will B. Payne . <u>"Model City: Rule of Innovation."</u> Essay for Robby Herbst's <i>New New Games</i> 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." <i>Environment and Planning B: Urban Analytics and City Science</i> (2018). DOI: <u>10.1177/2399808318758073</u> |
| | 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 |
| 2023 | Kelatlhilwe, Tumisang. <u>"Proximity of Bars to Schools Blamed for Students' Alcohol</u> <u>Consumption.</u> " <i>The Ngami Times</i> (Maun, Botswana). 15-22 December, 2023. |
| 2021 | Mantle, Larry. <u>"NextDoor Promised Changes To Make Its App Less Discriminatory.</u> <u>Has The App's Culture Improved?"</u> KPCC 89.3FM, March 16, 2021. |
| | Heilweil, Rebecca. <u>"How the Covid-19 Pandemic Broke Nextdoor."</u> Recode, February 9, 2021. |
| 2020 | Payne, Will B. <u>"Using Crowdsourcing Applications to Interpret and Build More Equitable Cities."</u> <i>EJB Talks Podcast.</i> October 27, 2020. |
| | Heilweil, Rebecca. "The Messy Politics of Nextdoor." Recode, October 26, 2020. |
| 2018 | Charles, J. Brian. <u>"Are Smartphones Speeding Up Gentrification?"</u> <i>Governing</i> , August 1, 2018. |
| | Parthasarathy, Padmini. <u>"Technology Takeover: How Does GPS Affect Our Spatial</u> <u>Memory?"</u> North Gate Radio, KALX 90.7FM, March 15, 2018. |

Research Funding (AWARDED)

| 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 a 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 Gende 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 Measure 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) | 2024 | 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). |
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| 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 a 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 Gende 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 Measure 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) | 2023-2024 | Acquisition in New Jersey," Robert Schalkenbach Foundation. (\$20,000; PI: Dr. Eric |
| 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 Gende 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 Measure 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) | 2023 | Connection Grant, Social Sciences and Humanities Research Council of Canada. |
| 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 Measure 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) | 2022-2024 | 1 0 0 |
| Mental Health Outcomes to Place-based Structural Racism and Resilience Measure 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) | 2022-2023 | · · |
| 2021-2024 Co-Principal Investigator "State of New Jersey's Affordable Reptal Housing" | 2022 | 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 |
| Robert Wood Johnson Foundation. (\$1,218,000; PI: Dr. Eric Seymour, Rutgers) | 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 Co-Principal Investigator. "Energy Benchmarking Covered Building List." New Jersey Board of Public Utilities. (\$173,908; PI: Dr. Clinton Andrews, Rutgers) | 2021-2022 | |

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) |
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| 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 | Featured Speaker, "Media and Urban Space" Panel, Berkeley Center for New Media 20th Anniversary Conference, University of California, Berkeley. |
| 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 |
| 2024 | "Methods On the Edge: Critical and Computational Urban Research" (colloquy), Urban Affairs Association (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. |
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| | "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 |
| 2024 | "Measuring the Embeddedness of Businesses in Gentrifying Neighborhoods," 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. |
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| | "Tenancy Protections in NJ: the Current State of Rent Control," (presenting author Kathe Newman), ACSP Annual Meeting, Chicago. |
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| | "Our Housein 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. |
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| | CAMPUS & DEPARTMENTAL TALKS |
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| 2017 | "Real Estate Technologies: Genealogies, Frontiers, & Critiques," AAG Annual Meeting, Boston. |
| | "Performances of Value" Workshop, University of Warwick (UK). |
| 2018 | "Platform Urbanism 4: Logistics, Mobilities, and Enactment," AAG Annual Meeting, New Orleans. |
| 2021 | "Land Use, Zoning, & Urban Development," Krueckeberg Doctoral Conference. Bloustein School of Planning and Public Policy, Rutgers University (Virtual). |
| | Discussant |
| 2018 | "My City is Smarter than Yours: Deconstructing the Buzzwords," AAG Annual Meeting, New Orleans. |
| 2021 | "Smart Data to Illuminate Community Grand Challenges," New Jersey Big Data Alliance (NJBDA) 2021 Symposium, Princeton University (Virtual). |
| 2022 | "Author meets Critics: Data Power, Radical Geographies of Control and Resistance." AAG Annual Meeting, New York City (Virtual). |
| | "Using Administrative Data to Better Understand the State of Affordable Rental Housing." AAG Annual Meeting, Denver. |
| 2023 | "Creativity & Cartographic Practice." North American Cartographic Information Society (NACIS) Annual Meeting, Pittsburgh. |
| | "Empowering Citizens: AI and Public Engagement" (Panelist), New Jersey Digital Government Summit, Trenton, New Jersey. |
| 2024 | "Methods On the Edge: Critical and Computational Urban Research," UAA Annual Meeting, New York City. |
| | Panelist |
| | "What's in a (Neighborhood) Name? Location-Based Services and Contested Delineations of Place," AAG Annual Meeting, San Francisco. |
| 2016 | "The Rise and Fall of a Worldian Language": Amenity Symbols from ISOTYPE to OpenStreetMap," NACIS Annual Meeting, Colorado Springs. |
| | "The Zagat Survey, the Professional Class, and Quantified Lifestyles in 1980s New York," "From Prizes to Prices" Workshop, University of Bologna, Italy. |
| | "Location-Based Services Avant La Lettre: The Zagat Survey and Quantified Lifestyles in 1980s New York," AAG Annual Meeting, Boston. |
| 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. |

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

STUDENT SUPERVISION

Ph.D. Dissertations, Primary Advisor

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

Ph.D. Dissertations, Committee Member

- 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."
- ABD Nicole Milano (School of Public Health, Rutgers). Title: "Exploring Spatial Accessibility to Primary Care among Vulnerable Populations in New Jersey."

DEPARTMENTAL & UNIVERSITY SERVICE

2024 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, 2023 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

- 2024- Member, Conference Policy Committee, UAA.
- 2023- Member, Trend Scouting Foresight Community, American Planning Association
- 2023- 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, GeoJournal, The Geographical Journal, Journal of Location Based Services, Journal of Transport Geography, Political Geography, Progress in Planning, Transactions in GIS, Urban Geography, and Urban Transformations.