

GREGORY PIERCE
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ACADEMIC APPOINTMENTS

Research Center Leadership

UCLA Luskin Center for Innovation

February 2022-Present	Director of UCLA Human Right to Water Solutions Lab
January 2023- Present	Research and Co-Executive Director
July 2021- December 2022	Co-Director UCLA Luskin Center for Innovation (LCI) Received “STAR” Award from UCLA (2022)
June 2015- July 2021	Associate Director (2020-2021) Associate Director of Research (2018-2019) Senior Researcher (2016-2018) Post-doctoral fellow (2015-2016)

UCLA Water Resources Group

July 2023- Present	Director
June 2021- June 2023	Co-Director

Faculty: UCLA Department of Urban Planning

July 2022- Present	Adjunct Associate Professor
July 2016- June 2022	Adjunct Assistant Professor
June 2015-July 2016	Lecturer
2016-Present	Faculty Affiliations: Healthy Climate Solutions Center (2021-Present) Institute of the Environment and Sustainability (2021-Present) Lewis Center for Regional Studies (2020-Present)

EDUCATION

2015	Ph.D. in Urban Planning University of California at Los Angeles (Named Outstanding Graduating Doctoral Student in the Department of Urban Planning, 2015)
2011	M.A. in Urban Planning University of California at Los Angeles Area of Concentration: Regional and International Development
2007	B.A. in Economics and History, <i>summa cum laude</i> University of California at Los Angeles

PUBLICATIONS AND PAPERS(see full list)

Published Journal Articles¹

A52. Bridget Scanlon, Sarah Fakhreddine, Robert Reedy, Qian Yang and Gregory Pierce (in press). “Drinking Water Quality and Social Vulnerability Linkages at the System Level in the United States” *Environmental Research Letters*.

A51. Hernandez, A.* and G. Pierce (2023). “The geography and socioeconomic characteristics of U.S. households reliant on private wells and septic systems.” *Journal of the American Water Resources Association*.

A50. Dobbin, K., A. Fencl, G. Pierce, M. Beresford, S. Gonzalez and W. Jepson (2023). “Climate impacts on household water supply in California: A clear and *sometimes* motivating danger” *Climatic Change*.

A49 Gregory Pierce and Rachel Connolly* (2023). “Disparities in the “Who” and “Where” of the Vehicle Purchase Decision-Making Process for Lower-Income Household” *Travel Behavior and Society*

A48 “Impacts of Regulated Water Service Extension on Water Quality, Perception, and Affordability in Orleans, NY” (2022). Kelsey Pieper, Gregory Pierce, Kristin Dobbin, Nate Jones, Stephanie Weiss, Kate Moloney. *Environmental Science and Technology Letters*.

A47 Gregory Pierce, Jacqueline Adams* and Justin McBride* (2022). “Financing Municipal Water Service: Subsidized, Subsidizing or Just Right?” *Utilities Policy*.

¹ * Denotes student author

A46 Michael Manville, Gregory Pierce and Bryan Graveline (2022). “Guardrails on Priced Lanes: Protecting Equity While Promoting Efficiency.” *Transportation Research Interdisciplinary Perspectives*.

A45 Wilson, Nicole; Gonzalez, Silvia; Harris, Leila; Lambrinidou, Yanna; McGregor, Deborah; Montoya, Teresa; Patrick, Robert; Pauli, Benjamin; Pierce, Gregory; Wutich, Amber (2022). From “trust” to “trustworthiness”: Rethorizing Dynamics of Trust, Distrust and Water Security in North America. *Environment and Planning E: Nature and Space*.

A44 Rippy, M. A. Pierce, G., Feldman, D., Winfrey, B., Mehring, A., Holden, T., Ambrose, R., Levin, L. (2022). Perceived services and disservices of natural treatment systems for urban stormwater: Insight from the next generation of designers *People and Nature*.

A43 Gregory Pierce, C.J. Gabbe and Annabelle Rosser (2022). Manufactured Housing Residents Face Outsized Hot Weather Hazards Too: Evidence on Extreme Heat and Wildfire Events from California *Natural Hazards Review*.

A42 CJ Gabbe, Pierce, Gregory; Petermann, Emily; Marecek, Ally (2021). Why and How Do Cities Plan for Extreme Heat? *Journal of Planning Education and Research*

A41 Gregory Pierce and Kyra Gmoser-Daskalakis (2021). Multifaceted Intra-City Water System Arrangements: Influences and Implications for Residents. *Utilities Policy*.

A40 Megan Rippy, Lauren Krauss, Gregory Pierce and Brandon Winfrey (2021). Plant functional traits and viewer characteristics co-regulate cultural services provisioning by stormwater bioretention. *Ecological Engineering*.

A39 Gregory Pierce, Ahmed Rachid El-Khattabi, Kyra Gmoser-Daskalakis, * and Nicholas Chow.* (2021) Solutions to the Problem of Drinking Water Service Affordability: A Review of the Evidence. *Wiley Interdisciplinary Reviews: Water*.

A38 Gregory Pierce, Kyra Gmoser-Daskalakis,* Rippy, M. A., Feldman, D., Holden, T., Ambrose, R., Levin, L. (2021) “Attitudes, Knowledge, Support and Investment in Local Stormwater Infrastructure.” *Society and Natural Resources*.

A37 Evelyn Blumenberg, Julene Paul* and Gregory Pierce. (2021). Travel in the Digital Age: Vehicle Ownership and Technology-Facilitated Accessibility. *Transport Policy*.

A36 Gregory Pierce, Kyra Gmoser-Daskalakis*, Kelsey Jessup, Rippy, M. A. Feldman, D., Winfrey, B., Mehring, A., Holden, T., Ambrose, R., Levin, L. (2020) “Progressive Leaders or Square Pegs in Round Holes? Theory and Practice in University Compliance with Stormwater Regulations.” *Environmental Management*.

A35 Meehan, Katie, Jepson, Wendy, Harris, Leila, Wutich, Amber, Beresford, Melissa, Fencel, Amanda, London, Jonathan, Pierce, Gregory, Radonic, Lucero, Wells, Christian and Wilson, Nicole (2020). Exposing the myths of household water insecurity in the global North: a critical review. *Wiley Interdisciplinary Reviews: Water*.

A34 CJ Gabbe, Gregory Pierce and Efren Oxlaj* (2020). “Subsidized Households and Wildfire Hazards in California.” *Environmental Management*.

A33 CJ Gabbe and Gregory Pierce (2020). “Extreme Heat Vulnerability for Subsidized Housing Residents in California.” *Housing Policy Debate*.

A32 Stanley B. Grant, Kimberly Duong,* Megan A. Rippey, Gregory Pierce, David Feldman, E. Zanetti and A. McNulty (2020). “From yards to cities: A simple and generalizable probabilistic framework for upscaling outdoor water conservation behavior.” *Environmental Research Letters*.

A31 Gregory Pierce, Nicholas Chow and JR DeShazo (2020). “The Motivation for Sub-National Drinking Water Affordability Programs: Conceptual and Empirical Evidence from California.” *Utilities Policy*.

A30 Rachel Connolly*, Gregory Pierce, Julien Gattaciecce and Yifang Zhu (2019). “Estimating Mortality Impacts From Vehicle Emission Reduction Efforts: the Tune In and Tune Up Program in the San Joaquin Valley.” *Transportation Research Part D*.

A29 Gregory Pierce, Silvia Gonzalez,* Peter Roquemore* and Rebecca Ferdman.* (2019) Sources of and solutions to mistrust of tap water originating between treatment and the tap: Lessons from Los Angeles County. *Science of the Total Environment*.

A28 Pierce, Gregory (2019) “How Collectively-organized Residents in Marginalized Urban Settlements Secure Multiple Basic Service Enhancements: Evidence from Hyderabad, India.” *Urban Studies*.

A27 C.J. Gabbe, Gregory Pierce and Gordon Clowers (2019). “How Much Do Regulations Matter? An Analysis of Off-Street Parking Requirements and Provision in Seattle.” *Land Use Policy*.

A26 Gregory Pierce and Larry Lai* (2019) “Toward a Comprehensive Explanatory Model of Reliance on Alternatives to the Tap: Evidence from California’s Retail Water Stores.” *Journal of Water and Health*.

A25 Gregory Pierce, Larry Lai* and J.R. DeShazo (2019) “Identifying and Addressing Drinking Water System Sprawl, Its Consequences, and the Opportunity for Planners’ Intervention: Evidence from Los Angeles County.” *Journal of Environmental Planning and Management*.

A24: Ariana Javidi* and Gregory Pierce (2018) “Negative Drinking Water Perception’s Severe Consequences: Examining Constrained Alternative Choices to the Tap.” *Water Resources Research*.

A23 Gregory Pierce, Silvia Gonzalez* and CJ Gabbe (2018) “Improperly-zoned, spatially-marginalized, and poorly-served? An analysis of mobile home parks in Los Angeles County.” *Land Use Policy*

A22 Blumenberg, Evelyn and Gregory Pierce (2017). “Reducing Long-Term Exposure to Concentrated Poverty: Evidence from the Moving to Opportunity Experiment.” *Transportation Geography*.

A21 Gregory Pierce and Silvia Gonzalez* (2017). "Public Drinking Water System Coverage and Its Discontents: The Prevalence of and Severity of Water Access Problems in California's Mobile Home Parks." *Environmental Justice*.

A20 Gregory Pierce (2017). Standalone, Collective or Both? How low-income urban household employ strategies to secure basic service access in Hyderabad, India. *Journal of International Development*.

A19 Gregory Pierce (2017). Why is Basic Service Access Worse in Slums? A Synthesis of Obstacles. *Development in Practice*.

A18 Gregory Pierce (2016). "Fiscal Transfers and Urban Policy: The Magnitude and Mechanisms of Urban Dependency in India." *Economic and Political Weekly*.

A17 Gregory Pierce and Silvia Gonzalez* (2016). "Mistrust at the Tap? Factors Contributing to Tap Water (Mis)Perception across the United States." *Water Policy*.

A16 Gabbe, C.J. and Gregory Pierce (2016). "The high cost of bundled parking: Parking and urban residential rents in the United States." *Housing Policy Debate*

A15 Pierce, Gregory (2016). "Engaging the Local Public Sector to Meet Slum Residents' Practical and Strategic Service Needs: Evidence from Hyderabad, India". In A. Garland (Ed.), *Innovation in Urban Development: Reducing Urban Poverty*. Washington, D.C.: Woodrow Wilson International Center for Scholars.

A14 Blumenberg, Evelyn and Gregory Pierce (Fall 2016). "The Drive to Work: Cars, Transit and Employment Among Housing Voucher Recipients." *Journal of Planning Education and Research*.

A13 (not refereed) Evelyn Blumenberg, Gregory Pierce, and Michael Smart (2015). "Transportation Access, Residential Location, and Economic Opportunity: Evidence from Two Housing Voucher Experiments." *Cityscape* 17 (2): 89-111.

A12 (not refereed) Pendall, Rolf, Zach McDade, Christopher Hayes, Arthur George, Eli Knaap Casey Dawkins, Jae Sik Jeon, Evelyn Blumenberg, Gregory Pierce and Michael Smart (2015). "Driving to Opportunities: Voucher Users, Cars, and Movement to Sustainable Neighborhoods." *Cityscape* 17 (2): 57-87.

A11 Pierce, Gregory, Hank Willson, and Donald Shoup (2015). "Optimizing the Use of Public Garages: Pricing Parking by Demand." *Transport Policy* 44: 89-95.

A10 Pierce, Gregory (2015). "The Late Embrace of Urban Water Service Privatization in India: A Political Economy Explanation." *South Asian Water Studies* 5 (1): 23-57.

A9 Pierce, Gregory (2015). "Beyond the Strategic Retreat? Explaining Urban Water Privatization's Shallow Expansion in Low and Middle Income Countries." *Journal of Planning Literature* 30 (2): 119-131.

A8 Pierce, Gregory and Silvia Gonzalez* (2015). “Unreliable Water Access in U.S. Mobile Homes: Evidence from the American Housing Survey.” *Housing Policy Debate* 25(4): 739-753

A7 Blumenberg, Evelyn and Gregory Pierce (2014). “A Driving Factor in Mobility? Transportation’s Role in Connecting Subsidized Housing and Employment Outcomes in the Moving to Opportunity (MTO) Program.” *Journal of the American Planning Association* 80(1): 52-66.

A6 Blumenberg, Evelyn and Gregory Pierce (2014). “Do the Poor Transportation Package? Evidence from the 2009 National Household Travel Survey.” *Transportation Letters* 6 (1): 36-45.

A5 Coirolo, Cristina, Stephen Commins, Iftexharul Haque, Craig Johnson, and Gregory Pierce (2013). “Climate Change and Social Protection in Bangladesh: Are Existing Programs Addressing the Impacts of Climate Change?” *Development Policy Review* 31 (s2): 74-90.

A4 Pierce, Gregory and Donald Shoup (2013). “Response to Millard-Ball et al.: Parking Prices and Parking Occupancy in San Francisco.” *Journal of the American Planning Association* 79 (4): 336-339.

A3 Pierce, Gregory and Donald Shoup (2013). “Getting the Prices Right: An Evaluation of Pricing Parking by Demand in San Francisco.” *Journal of the American Planning Association* 79 (1): 67-81. (Also reprinted in *Urban Transport of China*).

A2 Pierce, Gregory (2012). “The Political Economy of Water Privatization in Mexico City, 1994-2011.” *International Journal of Water Resources Development* 28 (4): 675-691.

A1 Blumenberg, Evelyn and Gregory Pierce (2012). “Automobile Ownership and Travel by the Poor: Evidence from 2009 National Household Travel Survey.” *Transportation Research Record* 2320: 28-36.

Selected Manuscripts Currently in Peer-review

Gregory Pierce, Matthew Barnett and Sara Hughes. “How did utility shutoff procedures and household outcomes change during the COVID-19 Pandemic? Assessing sociodemographic and geographic variation across the United States” (*Environmental Justice*)

Tamara Sheldon, JR DeShazo and Gregory Pierce. “Assessing Effectiveness of Financing Subsidies on Plug-in Electric Vehicle Adoption by Low and Moderate-income Consumers.” (*Journal of the Association of Environmental and Resource Economists*)

Raelison, Onja*, et al. “Resilience of stormwater biofilters following the deposition of wildfire residues: Implication on downstream water quality management in wildfire-prone regions” (*Water Research*)

Dobbin, Kristin, Justin McBride* and Gregory Pierce. Institutional pathways, motivations for and socioeconomic characteristics of water system consolidations: Evidence from California. (*Revise and Resubmit: Water Resources Research*)

El-Khattabi, Ahmed Rachid, Gregory Pierce and Kyra Gmoser-Daskalakis.* Keep your head above water: Explaining Disparities in Local Drinking Water Bills in the U.S. (*PLOS Water*)

Major Research Reports²

Gregory Pierce, Laura Landes, Grace Harrison, Lena Schlichting and Lauren Dunlap (2023). *Considerations for a National Drinking Water Quality Compliance Assessment*. UCLA Luskin Center for Innovation and RCAP.

Kristin Dobbin, Justin McBride and Gregory Pierce (2022). *Designing Water System Consolidation Projects*. UCLA Luskin Center for Innovation.

Gregory Pierce, Jon Christensen, Mike Antos, Peter Roquemoire, Hayat Rasul, Estefany Garcia (2022). *Equity in Stormwater Investments: Measuring Community Engagement and Disadvantaged Community Benefits for Equitable Impact in the Safe Clean Water Program*. UCLA Luskin Center for Innovation and Stantec.

Gregory Pierce, Rachel Connolly and Kelly Trumbull (2022) *Supporting Household Access to Complex Low-Income Energy Assistance Programs*. UCLA Luskin Center for Innovation.

Michael Manville, Gregory Pierce and Bryan Graveline (2022). *Guardrails on Priced Lanes: Protecting Equity While Promoting Efficiency*. UCLA Institute of Transportation Studies.

Gregory Pierce, Faith Kearns and Peter Roquemoire (2021). *Wildfire and Water Supply in California: Advancing a Research and Policy Agenda*. UCLA Luskin Center for Innovation and UCANR.

Gregory Pierce, Rachel Connolly and Isabella Blanco (2021). *Procedural Equity in Implementing California's Clean Cars 4 All Program*. UCLA Luskin Center for Innovation.

Gregory Pierce (Contract team PI), et al. (2021). *Drinking Water Needs Assessment*. California State Water Resources Control Board. See <https://bit.ly/32UbwEb>

Evelyn Blumenberg, Julene Paul and Gregory Pierce (2021). *Vehicle Availability Patterns and Trends. Commuting in America: The National Report on Commuting Patterns and Trends*. The American Association of State Highway Transportation Officials.

Gregory Pierce and Rachel Connolly (2020). *emPOWER: A Scalable Model for Improving Community Access to Environmental Benefit Programs in California*. UCLA Luskin Center for Innovation.

Gregory Pierce, Silvia Gonzalez and Eliza Samstutz (2020). *Reducing Lead in Drinking Water in California's Childcare Facilities*. UCLA Luskin Center for Innovation.

Gregory Pierce, Nicholas Chow, JR DeShazo, Kyra Gmoser-Daskalakis, Max Gomberg, Elizabeth Haven, Mary Yang and Zachary Miller (2020). *Recommendations for Implementation of a Statewide Low Income Water Rate Assistance Program*. California State Water Resources Control Board.

² See <https://innovation.luskin.ucla.edu/publications/> for most of these reports.

Gregory Pierce and Kyra Gmoser-Daskalakis (2020). *Community Water Systems in Los Angeles County: A Performance Policy Guide*. UCLA Luskin Center for Innovation.

J.R DeShazo, Gregory Pierce, Britta McComber, Kyra Gmoser-Daskalakis, Kelsey Jessup and Joyce Thung (2019). *Report for the National Parks Service on Results of 2018 Visitor Survey and Visitor Count in the Santa Monica Mountains National Recreational Area*. U.S. National Parks Service.

Gregory Pierce, Nicholas Chow, Kyra Gmoser-Daskalakis, Peter Roquemore and Nichole Heil. (2019). *Analyzing Southern CA Supply Investments from a Human Right to Water Perspective The Proposed Poseidon Ocean Water Desalination Plant in Orange County*. Resources Legacy Fund.

Gregory Pierce, JR DeShazo, Tamara Sheldon, Evelyn Blumenberg and Britta McComber (2019). *Designing Light-Duty Vehicle Incentives for Low- and Moderate-Income Households*. California Air Resources Board 15RD011.

Gregory Pierce and Rachel Connolly (2018). *Can Smog Repairs Create Social Justice? The Tune In & Tune Up Smog Repair Program in the San Joaquin Valley*. UCLA Luskin Center for Innovation.

Gregory Pierce and J.R. DeShazo (2017). *Design and Implementation of the Enhanced Fleet Modernization Plus-Up Pilot Program*. UCLA Luskin Center for Innovation.

J.R. DeShazo, Gregory Pierce and Henry McCann (2015). *Los Angeles County Community Water Systems: Atlas and Policy Guide*. UCLA Luskin Center for Innovation.

Pendall, Rolf, Christopher Hayes, Arthur Taz George, Zach McDade, Casey Dawkins, Jae Sik Jeon, Eli Knaap, Evelyn Blumenberg, Gregory Pierce, and Michael Smart (2014). *Driving to opportunity: Understanding the links among transportation access, residential outcomes, and economic opportunity for housing voucher recipients*, Urban Institute (Washington DC)

Weinstein Agrawal, Asha, Evelyn Blumenberg, Sarah Abel, Gregory Pierce and Chuck Darrah (2011). *Getting Around When You're Just Getting By: The Travel Behavior and Transportation Expenditures of Low-Income Adults*, Mineta Transportation Institute (San Jose, CA).

Selected Other Research Publications

Silvia Gonzalez, Ariana Hernandez and Gregory Pierce (2023). *Fear at the Tap: Factors Contributing to Public Drinking Water Distrust in Latino Communities*. Latino Policy and Politics Institute.

Silvia Gonzalez, Paul Ong, Greg Pierce and Kelly Trumbull. *Covid-19 and Utility Debt Briefing Series*. 2020-2021. UCLA Center for Neighborhood Knowledge and Luskin Center for Innovation. See <https://innovation.luskin.ucla.edu/2021/11/01/gas-bill-debt-disproportionately-burdens-low-income-neighborhoods/>

Lillian Holmes, Morgan Shimabuku, Laura Feinstein, Greg Pierce, Peter H. Gleick, and Sarah Diringer. (2020). *Pacific Institute*. "Water and the COVID-19 Pandemic: Equity Dimensions of Utility Disconnections in the U.S." <https://pacinst.org/publication/equity-dimensions-of-disconnections/>

Morgan Shimabuku, Sarah Diringer, Laura Feinstein, Peter H. Gleick, Lillian Holmes, Greg Pierce, Gregg Brill, and Hannah Baleta. “Water and the COVID-19 Pandemic: Ensuring Access to Water as Shutoff Moratoriums Lift.” (2020). *Pacific Institute*. “Water and the COVID-19 Pandemic: Equity Dimensions of Utility Disconnections in the U.S.” <https://pacinst.org/publication/ensuring-access-as-moratoriums-lift/>

Gregory Pierce. “Introduction to Water Resource Management in the U.S. Southwest” (2018). World Bank publication: Water Scarce Cities Initiative.

Pierce, Gregory, Hank Willson, and Donald Shoup. “Optimizing the Use of Public Garages: Pricing Parking by Demand” (2018).Chapter 41 in *Parking and the City*. American Planning Association Press.

Gabbe, C.J. and Gregory Pierce . “The High Cost of Bundled Parking” (2018).Chapter 11 in *Parking and the City*. American Planning Association Press. Also reprinted in *Access Magazine*.

Gabbe, C.J. and Gregory Pierce (May 2017). “Low-Income Renters Pay a High Price for Parking Requirements.” UCLA Ziman Center Economic Letter.

Blumenberg, Evelyn and Gregory Pierce (2016). “A Driving Factor in Moving to Opportunity.” *Access Magazine*, Spring Issue.

Pierce, Gregory (2016). Review of *Parking Management for Smart Growth*, by Richard W. Willson. In the *Journal of Planning Education and Research*.

Pierce, Gregory (January 2015). “Explaining Obstacles to ‘Total Sanitation’ in India with Spatial Methods: Evidence from the District Level Household Survey.” *Yojana: A Development Monthly*. Issue on Sanitation, Development and Social Change. Indian Ministry of Information and Broadcasting. Also available on Social Science Research Network 2432275.

Pierce, Gregory (2013). “Redressing the emerging governance crisis in peri-urban water access: Evidence from South Asia.” Published by Global Water Forum, UNESCO Chair in Water Economics and Transboundary Water Governance on December 15, 2013.

Pierce, Gregory and Donald Shoup (2013). “Getting the Prices Right: An Evaluation of Pricing Parking by Demand in San Francisco.” *Access Magazine*, Fall Issue. (Also reprinted in *Parking International* and as chapter 38 in edited volume *Parking in the City*).

Pierce, Gregory (2013). “The Cautious Expansion of Water Privatization in Low and Middle Income Countries” Published by Global Water Forum, UNESCO Chair in Water Economics and Transboundary Water Governance on January 28, 2013.

MAJOR RESEARCH FUNDING AWARDS and PARTNERSHIPS

Principal Investigator (or Co-Principal Investigator, if noted)

“Community-driven eLectric vEhicle chArging solutioN (CA-CLEAN)”. UC Climate Action RFP. Co-PI with Yifang Zhu (2023-2025: \$300,000 of \$2m award)

First UC Agricultural and Natural Resources (UCANR) Extension Career-Track Researcher FTE at UCLA secured for the Luskin Center for Innovation (2022-2023).

“Emerging Utility-Led Affordability Interventions.” Water Research Foundation. Co-PI with Morgan Shimabuku, Pacific Institute (2023-2024: \$55,000 of \$200,000 award)

“Advancing Water Systems Failure Identification: Using Humans as Sensors to Reduce Inequities at the Tap. Funder: Stanford University Impact Labs.” Co-PI with Khalid Osman, Stanford University (2023-2024: \$100,931 of \$350,000 award)

U.S. EPA National Environmental Finance Center. Lead: Rural Community Assistance Partnership (2023-2027: \$500,000 of \$4m award).

“Wastewater Water Needs Assessment.” Funder: California Water Board (2023-2027: \$4,000,000)

“Zero-emissions community zones.” Funder: VW Cypress Fund. Co-PI with Yifang Zhu (2022-2024: \$280,000 of total \$1m award)

“Drinking Water and Plastics Project.” Funder: LA County Chief Sustainability Office (2022-2023: \$37,280).

“An initial roadmap for a national drinking water quality needs assessment.” Water Foundation and the Rural Community Assistance Partnership. (2022: \$60,000 of \$100,000 total budget)

“Governance Pathways for Consolidation.” Funder: Water Foundation (2021-2022: \$25,000)

“Multi-Benefit Lithium Extraction Policy Design.” Funder: The Nature Conservancy (2022: \$10,000)

“LA 100 Equity Strategies: Energy Burden and Policy Solutions Analysis” Los Angeles Department of Water and Power (2021-2023: \$1,116,000)

“Water and Fire Research Agenda.” USGS-UC Agriculture and Natural Resources Extension. Co-PI with Faith Kearns (2021: \$35,000)

“Los Angeles County Safe Clean Water Program Evaluation.” LA County Department of Public Works. Head PI: Curt Roth (2021-2022: \$159,000 of total project budget)

“Procedural Equity in Clean Vehicle Incentive Programs.” Electrify America (2021: \$31,000).

“Assessing Californians’ Experiences of Household Water Insecurity.” Sponsor: CalSpeaks Fellowship at Sacramento State University. Head PI: Melissa Beresford (2021: no funding, statewide survey deployment).

“Heat Resilient L.A.” Funder: UCLA Sustainable LA Grand Challenge. (2021-2022: \$76,000; Total Project Budget: \$956,000; Co-PIs: 9 other UCLA faculty).

“Guardrails on Priced Lanes: Promoting Efficiency While Protecting Equity.” Funder: UC Statewide Transportation Research Program. Co-PI with Mike Manville (2020-2021: \$79,184)

“Urban Water Governance in LA County.” Funder: Water Foundation (2020-2021: \$25,000)

“The Effectiveness of Alternative Policy Designs on Electric Vehicle Adoption: Purchase Rebates, Guaranteed Financing and Per-eVMT incentives” Funder: CalTrans (2019-2020: \$108,915).

“Drinking Water Needs Assessment.” Funder: California Water Board (2019-2021: \$3,000,000)

“Vehicle Availability Patterns and Trends,” Funder: The American Association of State Highway Transportation Officials (2019-2020: \$20,000); Head-PI: Evelyn Blumenberg

“Opportunity Communities Evaluation,” Funder: Liberty Hill Foundation (2019-2020: \$75,000)

“Lead Testing for Daycare Facilities’ Drinking Water,” Funder: First 5 LA (2019-2020: \$70,000)

“Los Angeles County Community Water System Assessment,” Funder: Leonardo DiCaprio Foundation (2018-2020: \$68,000)

“Equity Analysis of Southern California Water Infrastructure Investments,” Funder: Resources Legacy Fund (2018-2019: \$30,000)

“Climate Smart Communities Consortium.” Funder: Strategic Growth Council; Head-PI: Daniel Sperling (2018-2020: \$108,000; Total Project Budget: \$2.632 million)

“Measuring the Impacts of Climate Change on Vulnerable Communities to Design and Target Protective Policies.” Funder: Strategic Growth Council; Head-PI: J.R. DeShazo (2018-2020: \$255,830; Total Project Budget: \$1.452 million)

“Screening Method and Map for Evaluating Transportation Access Disparities and other Built Environment-related Social Determinants of Health,” Funder: California Air Resources Board, Head-PI: Paul Ong (2018-2019: \$5,000; Total Project Budget: \$299,983)

“At the Tap: Tools to Identify & Address Community Drinking Water Concerns in Los Angeles County” Funder: California Water Foundation (2018: \$5,000)

“Estimating Health Benefits, Cost-Effectiveness and Distributional Equity from California's Vehicle Emission Reduction Initiatives: Lessons from the San Joaquin Valley's Tune In & Tune Up Program,” Co-PI: Yifang Zhu, Funder: UC Institute of Transportation Studies (2018-2019: \$102,416)

“The Distribution of Participatory, Local Air Quality, Household Welfare, and Registration Benefits from California’s Largest Transportation-oriented, Environmental Justice Initiative: The Tune-In

&Tune Up Smog Repair Program.” Funder: UCLA Institute of Transportation Studies (2016-2017: \$40,000)

“Fighting Drought with Stormwater.” Funder: University of California Multicampus Research Programs and Initiative; Head-PI: Stanley Grant (2017-2019: \$145,204; Total Project Budget: \$2.1 million)

Lead Researcher

Lead Researcher, “Comprehensive Assessment for Design of Statewide Low-Income Water Assistance Program.” Funder: California Water Board, Office of Research Planning and Performance (2016-2020: \$463,706)

Lead Researcher, “Designing Light-Duty Vehicle Incentives for Low- and Moderate-Income Households,” Funder: California Air Resources Board (2016-2018: \$482,608)

ACADEMIC and PUBLIC SERVICE

Peer reviewer for 62 journals:

Urban Environment

Science; Proceeding of National Academies of Science; Science of the Total Environment; Journal of Industrial Ecology; Climate Risk Management; Journal of Environmental Planning and Management; Environment and Urbanization; Environmental Science and Technology; Environmental Justice; Environment and Planning A; African Journal of Environmental Science and Technology; MIT Science Policy Review; ASCE Open

Planning

Journal of Architectural Education; GeoJournal; Land Use Policy; Journal of the American Planning Association (3 times); Journal of Planning Education and Research (5+ times) ; Journal of Planning Literature; Urban Studies, Housing Policy Debate; Housing Studies; Journal of Urban Affairs; Cities; Public Works Management and Policy, Utilities Policy (10+ times)

Water

Nature (npj) Clean Water; *Revista Ambiente & Água*; Water; Water Policy; Water Economics and Policy; Water and Health; AWWA Water Science; Water Resources Research; Water International; Journal of Water Resources Planning and Management; Water Security.

Transportation

Journal of Transport Economics and Policy, Transportation Research Part A: Policy and Practice; Transportation Research Part E: Logistics and Transportation Review; Transport Policy, Research in Transportation Economics; International Journal of Sustainable Transportation; Transportation Letters; Transportation Economics and Policy; European Journal of Transport and Infrastructure Research

Health

Environmental Health Insights; International Journal of Health Promotion and Education; Public Health and Nutrition, American Journal of Preventative Medicine; International Journal of Environmental Research and Public Health; Transport and Health; Preventing Chronic Disease (CDC); Health Affairs

Development

World Development; Environment, Development and Sustainability; International Development Planning Review; Habitat International; Development in Practice; International Journal of Disaster Risk Reduction; Economic and Political Weekly

Other Academic Reviews

U.S. National Science Foundation:

Decision, Risk, and Management Sciences program, Division of Behavioral & Cognitive Sciences Program, & Human-Environment and Geographical Sciences Program; Strengthening America's Infrastructure Program (2022-2023).

Other Funders:

U.S. EPA Water Technology RFP Peer Review; Swiss National Science Foundation; Italian National Science Foundation; Council of University Transportation Centers; University of Georgia Press; UC Davis Institute of Transportation Studies (2021-2023); Ohio USGS; Illinois-Indiana Sea Grant Program

Academic Search Committee Service

UCANR-UCLA Luskin Center Water Equity and Adaptation Policy – Cooperative Extension Specialist (2022-2023)
Luskin School Endowed Chair & Luskin Center Faculty Director Search Committee (2021-2022)

UCLA and Public Service Working Groups and Advisory Committees

UCLA IOES Doctoral Program Admissions Committee (2022-present)
UCLA Faculty Advisor, GlobeMed/MPOMA Community HIV/AIDS Initiative (2016-present)
Founding Advisory Committee member for UCLA Climate Adaptation Symposium (2020- present)
UCLA Luskin Center for Innovation Environmental Justice Fellowship Committee (2021-present)
UCLA Premise Plumbing Working Group (Founder and Organizer, 2018-present)

Physicians for Social Responsibility Water and Health Advisory Board (2019-2020)
Leadership, Justice and Accountability HIA Technical Advisory Committee (2018-2019);
Founding Advisory Committee member for U.S. Water and Health Conference (2016-2018)
Water in Watts Working Group (2017-2018)
Co-Founder and Director of the UCLA Water Resources Student Group (2012-2015)

TEACHING and ADVISING

Courses:

Urban Planning 262, *Urban Environmental Problems: Water Resources* (recurring annually Fall 2015-Fall 2023, except Fall 2019 and 2022)

Urban Planning Comprehensive Project: *Planning for A Just Transition for and with LA City* (Winter-Spring 2023)

Institute of the Environment Practicum Project: *Climate Planning for Large Water Agencies* (Winter-Spring 2023). Awarded as “Pritzker Education Fellow” based on this course.

Guest lectured in 25+ undergraduate and graduate courses at UCLA (Fall 2012- present)

Advising

Supervision of Postdoctoral Scholars

2021-2022: Kristin Dobbin (NSF-funded); Placement: UC Berkeley

Doctoral Committee Service

Environmental Health Sciences Department:

Qiao Yu (2021-present)

Rachel Connolly (PhD, 2023)

Supervision of Individual Urban Planning Masters Capstone Projects and PhD independent study courses

2022-2023: Omer Sohail; Hayat Rasul

2021-2022: Ariana Hernandez; Andrew Williams

2020-2021: Elise Troxell; Justin McBride

2019-2020: Meagan Wang, Katherine Cabrera

2018-2019: Peter Roquemore, Bianca Juarros, Brianne Logasa

2017-2018: Mustafa Ghuneim, Britta McComber, Rachel Connolly

2016-2107: Larry Lai, Aviv Kleinman, Rachel Roque

Supervision of Individual Undergraduate research projects

2021-2022: Lawrence Tran

2021-2022: Kyle Schmidt

2020-2021: Isabella Blanco; Allison Lee

2019-2020: Nisarg Shah, Eliza Samstutz

2018-2019: Audrey Yang, Asli Pekcan, Rebecca Deshetler

2017-2018: Ariana Javidi (Amherst College), Sanjita Gowda Ryan Rizeq, You Wang

2016-2017: Caroline Fernandes, Harveen Sekhon, Gabrielle Montalbano, Claudia Flores, Kaitlyn Anderson

SELECTED INVITED RESEARCH PRESENTATIONS, WORKSHOPS AND SEMINARS

Recent Non-Academic, Invited Public Research Presentations (2017-2022):

California Water Resource Control Board (10+); LA County Local Area Formation Commission, LADWP (10+), U.S. Water Partnership, Council of State Governments Policy Academy, Office of the Environmental Health and Hazard Assessment; Strategic Growth Council; Association of California Water Agencies, California Water Association, Los Angeles Water Collaborative Roundtable, Pacific Institute, Public Policy Institute of California, Water Education for Latino Leaders (2021, 2022); UCLA Livable LA Summit (2019, 2021); HEALU Summit; National Association of State Utility Consumer Advocates Workshop (2022); BizFed (2022).

Academic Research Presentations and Workshops

Morgan Shimabuku, Christine Curtis and Gregory Pierce. When Saving Water Makes Cents: Increasing Utility-Led Innovations to Enhance Affordability. Alliance for Water Efficiency August 1-2, 2023 (Chicago, IL).

National Science Foundation (NSF) Research Coordination workshop on net zero urban water. April 7-9, 2023 (Tucson, Arizona).

Gregory Pierce. “Institutional Solutions.” National Academy of Sciences Engineering and Medicine. November 1, 2022. “Long-term Solutions to Improve U.S. Drinking Water Services” (Washington DC).

Charles Gabbe, Gregory Pierce, Declan Bernal. November 2022. “Reducing Heat Vulnerability in Affordable and Manufactured Housing: Policy Innovations, Motivations, and Barriers.” Association of Collegiate Schools of Planning Annual Conference (Toronto).

National Science Foundation (NSF) Convergence Accelerator workshop on water resources research. October 17-21, 2022 (Virtual).

Gregory Pierce. “Energy Affordability and Burdens.” National Academy of Sciences Engineering and Medicine. July 26, 2022. “Pathways to an Equitable and Just Transition: Principles, Best Practices, and Inclusive Stakeholder Engagement” (Washington DC).

Gregory Pierce. “Power, Water, and the Golden State.” Cal Poly Pomona California Center for Ethics and Policy Seminar (February 25, 2022).

Gregory Pierce. “Beyond the Strategic Retreat? Explaining Urban Water Privatization’s Shallow Expansion in Low and Middle Income Countries.” *Unwinding Privatization: (Re)municipalism and the Public Interest* conference organized by the University of Illinois at Chicago Department of Political Science (December 10, 2021).

Gregory Pierce. Organizer and presenter at Panel Session on “Urban Governance and Water Access.” Association of Collegiate Schools of Planning Annual Conference (October 7, 2021).

Gregory Pierce. U.S. EPA Water Annual Drinking Water Workshop. “The California Drinking Water Needs Assessment Experience” September 2, 2021.

Gregory Pierce. UCI Water Research Colloquia. “Assessing Drinking Water Risks and Solutions.” May 17, 2021.

Gregory Pierce (Panelist). “HWISE Beyond the Household: Water Insecurity in Schools and Healthcare Facilities.” National Science Foundation Household Water Insecurity (HWISE) Research Network. March 31, 2021.

Evelyn Blumenberg, Julene Paul and Gregory Pierce. “Vehicle Availability Patterns and Trends including Commuting Trends for Zero-Vehicle Households.” Census for Transportation Planning Subcommittee Meeting. Transportation Research Board Conference. January 8, 2021.

Gregory Pierce and CJ Gabbe. “Monitoring the Local Impacts of Extreme Heat and Cooling Strategies.” UCLA Climate Adaptation Research Symposium. September 21, 2020.

“Tap Water Safety & New Lead Testing Requirements for Child Care Facilities.” Childcare Food Program Roundtable Conference. October 23, 2019.

“Target marketing: Understanding and measuring the effectiveness of California's transportation investments for low-income households.” UCLA Lake Arrowhead Symposium on the Transportation-Land Use-Environment Connection. October 20, 2019.

“The Human Right to Water in California.” European Union conference Fair Water: A Right for All. June 13, 2019

“Water Affordability in the U.S.” NEWHAB Annual Conference. May 22, 2019.

“Re-considering equity in access to urban national parks: Lessons from Los Angeles.” Urban Affairs Association Annual Conference. April 25, 2019.

“Socio-Spatial Segregation and Environmental Service Access in the U.S.” January 18, 2018. University of Illinois, Department of Natural Resources and Environmental Sciences.

Panel presentation organized with UNC Environmental Finance Center. October 2017. “Ensuring Drinking Water Affordability: Challenges and Opportunities in the U.S.” 2017 Water and Health Conference: Where Science Meets Policy, Chapel Hill, NC.

Pierce, Gregory. October 2017. “Contamination, Detection and Perception: Classifying and Correcting Drinking Water Quality Parameters of Concern Post-Flint.” 2016 Water and Health Conference: Where Science Meets Policy, Chapel Hill, NC.

Pierce, Gregory. October 2016. “Illustrating the Link Between Water Quality Misperception and Adverse Health and Affordability Impacts for Disadvantaged U.S. Households: California's Retail Water Store Phenomenon.” 2016 Water and Health Conference: Where Science Meets Policy, Chapel Hill, NC.

Pierce, Gregory. October 2016.” Delivering a Human Right to Drinking Water at the Sub-National Scale: Evidence from California on Policy Successes, Challenges and Tradeoffs.” 2016 Water and Health Conference: Where Science Meets Policy, Chapel Hill, NC.

Pierce, Gregory. October 2016. “Illustrating the Link Between Water Quality Misperception and Adverse Health and Affordability Impacts for Disadvantaged U.S. Households: California's Retail Water Store Phenomenon.” 2016 Water and Health Conference: Where Science Meets Policy, Chapel Hill, NC.

Pierce, Gregory. February 29, 2016. “Inequalities in Household Service Access: Evidence on Water Service Provision to U.S. Mobile Home Communities.” UC Davis Department of Human Ecology.

Pierce, Gregory. January 22, 2016. “Inequalities in Environmental Service Access: Evidence on Water Service Provision to U.S. Mobile Home Communities.” UC Irvine Department of Planning, Policy and Design.

Pierce, Gregory. October 15, 2015. “The Moving to Opportunity Experiment and Employment.” UCLA Ziman Center and Lewis Center Joint Speaker Series on Housing and Job Accessibility.

Pierce, Gregory. February 13, 2015. “Engaging the Local State to Address Collective Inequalities in Basic Service Access: Evidence from ‘Semi-Formal’ Settlements in Hyderabad.” UC Riverside, School of Public Policy.

Pierce, Gregory. December 17, 2014. “Engaging the Local State to Provide Basic Service Security: Evidence from ‘Semi-Formal’ Settlements in Hyderabad, India.” Johns Hopkins University, School of Advanced International Studies.

Pierce, Gregory. October 30-November 2, 2014. “Explaining Disparities in Water Access and Use Strategies within Sub-Slum communities: Evidence from Hyderabad.” Association of Collegiate Schools of Planning Annual Conference, Philadelphia, PA.

Blumenberg, Evelyn and Gregory Pierce. October 30-November 2, 2014. “A Driving Factor in Mobility? Transportation’s Role in Connecting Subsidized Housing and Economic Outcomes.” Association of Collegiate Schools of Planning Annual Conference, Philadelphia, PA.

Pierce, Gregory. March 12, 2014. “Performance-Based Pricing for City Parking in the Pacific Rim.” Pacific Cities Sustainability Initiative Forum, Manila, Philippines.

Blumenberg, Evelyn, Gregory Pierce and Michael Smart. January 2014. “Car Access and Employment Outcomes for Residents of Subsidized Housing.” Workshop: What Does Accessibility Really Mean in Low-Income Communities? New Findings on Multimodal Access, Employment, and Health Outcomes. Transportation Research Board Conference, Washington, DC.

Blumenberg, Evelyn and Gregory Pierce. January 2014. “Transportation, Employment, and Housing Mobility: Evidence from the Moving to Opportunity Program.” Transportation Research Board Conference, Washington, DC.

Pierce, Gregory. October 2013. “The Determinants of District-Level Sanitation Use in India: A Geo-Spatial Analysis.” 2013 Water and Health Conference: Science, Policy and Innovation, Chapel Hill, NC.

Pierce, Gregory. October 2012. “The Late Embrace of Urban Water Service Privatization in India: A Political Economy Explanation.” 2012 Water and Health Conference: Science, Policy and Innovation, Chapel Hill, NC.

Blumenberg, Evelyn and Gregory Pierce. January 2012. “Automobile Ownership and Travel of the Poor: Evidence from the 2009 National Household Travel Survey.” Transportation Research Board Conference, Washington, DC.

SELECTED PROFESSIONAL ACTIVITIES AND AFFILIATIONS

July 2021-Present	Member, Public Policy Institute of California, Water Policy Center, Research Network
March 2021-July 2023	Cross-state Water Bill and Debt Analysis. Natural Resources Defense Council.
February 2021-Present	Steering Committee Member, National Science Foundation Household Water Insecurity (HWISE) Research Network
May 2020- Present	Technical Adviser to Regional Water Quality Testing Initiative of the San Francisco Bay Area Integrated Regional Water Management Disadvantaged Community and Tribal Involvement Program (IRWM DACTIP)
November 2019- Present	Member, National Science Foundation Household Water Insecurity (HWISE) Research Network
January 2018- Present	American Water Works Association
January 2017-2019	Consultant on “Water Scarce Cities Network,” World Bank
January 2016- March 2016	Consultant on “Urban Poverty Indicators Summit,” Hilton Foundation and Overseas Development Institute (UK)
May 2012—January 2014	Consultant to UCLA departments on graduate course entitled ‘Water and the City in Asia,’ collaboration with ‘Let’s Do it Delhi’ initiative and on course enrollment trends
August 2011—June 2015	Associate Editor for <i>Access Magazine</i> (Assistant Editor, September 2009—July 2011)
March 2008- July 2009	Glass, Lewis & Company

SELECTED PRESS COVERAGE OF RESEARCH³

2023: The Los Angeles Times, the Washington Post, the Wall Street Journal, the Desert Sun
2022: The New York Times, the Washington Post, the Associated Press, The Guardian, the BBC, The Los Angeles Times, Pew Stateline, The Hill, Fast Company, Inside Climate News, CalMatters
2021: Business Insider, Grist, the Sacramento Bee, Capital & Main, The Fresno Bee, Circle of Blue, Planetizen
2020: High Country News, Yahoo News, Antelope Valley Times, Circle of Blue
2019: Long Beach Press Telegram, The Daily Breeze
2018: The Los Angeles Times, KPCC
2017: The Los Angeles Times, Circle of Blue, the Brookings Institution
2016: NPR Marketplace, Strong Towns, Tampa Bay Times

Podcasts

UC Agricultural and Nature Resources Extension's *Water Talk* (2023):

<https://www.watertalkpodcast.com/episodes/episode-44>

Environmental Law Institute's *People, Places Planet* (2023): <https://www.eli.org/podcasts>

Wall Street Journal's *Future of Everything* (2023): <https://www.wsj.com/podcasts/wsj-the-future-of-everything/how-recycling-wastewater-could-help-quench-the-wests-thirst/2b5a5304-3b30-4419-a8cf-bae50f04eb2d>

Resources for the Future's *Resources Radio* (2022): <https://www.resources.org/resources-radio/diving-in-who-has-clean-water-in-the-united-states-with-gregory-pierce/>

TECHNICAL SKILLS

Statistics: STATA, PASW/Statistical Package for the Social Sciences (SPSS)

Spatial Analysis: GIS, GeoDa, GPS technology and data collection

Languages: English (native); Spanish (writing/reading: intermediate, speaking: working proficiency);

Russian (beginner); Hindi, Telugu, Bangla and French (rudimentary)

GRADUATE RESEARCH, TEACHING EXPERIENCE & AWARDS

Awards

Outstanding Doctoral Student, UCLA Department of Urban Planning (2015)

Co-Principal Investigator, Ziman Center for Real Estate Research Grant (2014-2015)

Dissertation Year Fellowship (2014—2015)

Asia Institute Graduate Fellowship Award (2014—2015)

Dissertation Travel Research Grant (2013, 2014)

³ See my and the Luskin Center for Innovation's Twitter feeds for more.

Pacific Cities Sustainability Initiative Student Poster Competition (2014)
 Wasserman Fellowship (2014)
 1st place: Emerging Scholars Competition of UNESCO's Global Water Forum (December 2013)
 Social Justice Initiative Grant (2012—2013)
 Community Partnerships Fellowship (2012—2013)
 Mini-Grant from Institute of Research on Labor and Employment (2012—2013)
 Graduate Summer Research Mentorship (2012)
 Torang Jahan Fellowship for Globalization Studies (2010—2011)

Research

September 2014—June 2015	<i>Accessibility and Economic Development: How the Transportation Network Affects the Economic Performance of Regions</i>
March 2012—August 2014	<i>Congestion-Priced Parking in California: Equity, Efficiency, and Implementation</i>
January 2012—August 2014	<i>How Do Housing Voucher Recipients Balance Housing, Neighborhoods, and Transportation?</i>
June 2011—December 2011	<i>Travel Behavior of Low-Income Households: Evidence from the National Household Travel Survey</i>
November 2010—March 2011	<i>Analysis of Forest Economic Valuation Studies</i>
January 2010—September 2010	<i>Getting Around When You're Just Getting By: The Travel Behavior and Transportation Expenditures of Low-Income Adults</i>

Teaching

Teaching Assistant for Course on Urban Policy and Planning (Fall 2011, Fall 2012, Fall 2013)
 Special Reader for Course on Transportation and Land Use: Parking (Winter 2014, Winter 2015)
 Special Reader for Courses on Quantitative Analysis in Urban Planning I (Fall 2011) & II (Winter 2011, Winter 2012)
 Instructor for Intensive Math and Economics Review for Incoming MA Students in Urban Planning (August—September 2011)
 Special Reader for Institute of the Environment Course on Energy, Environment and Development (Spring 2011)
 Course Reader for Economics Course on Monopoly and Competition (Fall 2009)