

Carlos Eduardo Martín, PhD

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Dr. Carlos Martín is Vice President for Research and Policy Engagement at Resources for the Future, the oldest think tank devoted to environmental, energy, and climate economics and policy in the United States. For over 25 years, Dr. Martín has led evaluation, research, and policy analysis in the fields of residential decarbonization and climate adaptation, disaster mitigation and recovery, substandard housing, and environmental justice. He has authored dozens of journal articles and research reports. He has testified before the U.S. Senate and House of Representatives in addition to briefing the White House, the President's Council of Advisors on Science and Technology, and cabinet agencies. He is cited in the *New York Times*, *Washington Post*, *Boston Globe*, *NPR*, *Marketplace*, *Grist*, and *E&E News/Politico*. He was recently the Director of the Remodeling Futures Program at Harvard University's Joint Center for Housing Studies and a David M. Rubenstein Fellow at Brookings Metro. Dr. Martín previously led the Urban Institute's Built Environment practice area, leading all research on energy efficiency, climate adaptation, environmental governance, the housing industry, and construction regulations. Before Urban, Dr. Martín was assistant staff vice president for construction codes and standards at the National Association of Home Builders, SRP professor for energy and the environment at Arizona State University, and coordinator for the US Department of Housing and Urban Development's Partnership for Advancing Technology in Housing. Dr. Martín is a non-resident senior fellow at the Brookings Institution and has served on several National Academy of Science committees and its Board on Energy and Environmental Systems, and several civil-sector and federal boards and advisory boards including ones at HUD, EPA, FEMA, the McKnight Foundation, *Housing Policy Debate's* editorial board, the National Housing Trust, the American Council for an Energy Efficient Economy's research committee, Elevate Energy, Climate Resolve, Resilient Cities Catalyst, and Insurance for Good. Dr. Martín received his BSAD in architecture from MIT and his MEng and PhD degrees in civil and environmental engineering from Stanford University.

EDUCATION

PhD, Civil and Environmental Engineering, Stanford University, 1999

MEng, Civil and Environmental Engineering, Stanford University, 1995

Studies towards MArch (Architecture) and MS (Civil Engineering), University of Michigan, 1993

BSAD, Architecture (Building Technology) & Minor in Spanish-Language Literature, MIT, 1992

EXPERIENCE

Jan 2025–Present	Vice President for Research and Policy Resources for the Future, Washington, DC
Jul 2021–July 2025	Director of Remodeling Futures, Joint Center for Housing Studies Harvard University, Cambridge, MA
Jul 2021–Jul 2023	David Rubenstein Fellow Brookings Institution, Washington, DC
Jul 2013–Jul 2021	Senior Research Associate (2013- 2015) and Senior Fellow (2016-2021) Urban Institute, Washington, DC
Apr 2010–Jun 2013	Senior Associate Abt Associates, Bethesda, MD
Dec 2007–Jan 2010	Assistant Staff Vice President National Association of Home Builders, Washington, DC

Dec 2006–Dec 2007 Housing Director
Development Innovations Group, Bethesda, MD

Jul 2004–Dec 2006 Engineer (PATH Policy & Research Lead)
US Department of Housing and Urban Development, Washington DC

Jun 2003–Jun 2004 SRP Professor of Energy and Environment (Joint appointment)
Schools of Architecture & Construction, Arizona State University, Tempe, AZ

Apr 2000–May 2003 Engineer (Media and University Strategy Lead)
Partnership for Advancing Technology in Housing
US Department of Housing and Urban Development, Washington DC

Jul 1999–Mar 2000 East Palo Alto Project, Community Data Initiative
Stanford Haas Center for Public Service, Stanford, CA

Jun 1998–Jul 1999 César Chávez Fellow
Dartmouth University, Hanover, NH

Jun 1997–May 1998 Smithsonian Dissertation Fellow
National Museum of American History and National Design Museum
Smithsonian Institute, Washington DC and New York, NY

Jul 1995–Jun 1997 National Science Foundation (NSF) Pre-Dissertation Fellow
Stanford University, Stanford, CA

Jun 1993–Jun 1995 School of Engineering Fellow
Stanford University, Stanford, CA

Jun 1988–Jan 1993 Construction, Design, and Facilities Planning INROADS Intern
Kaiser Permanente, Oakland, CA

Consulting, Teaching, and Other Short-Term Positions

Sep 2023–Present Non Resident Senior Fellow
Brookings Institution

July 2023–Oct 2024 Climate Advisor
McKnight Foundation

Sept–Dec 2023 Co-Instructor, “Real Estate, Society, Environment” (SES 5250), Master in
Real Estate Program, Graduate School of Design, Harvard University

Jul 2021–Jul 2022 Project Advisor: Receiving Communities, 100 Resilient Cities, and
Environmental Justice Organizations’ Data Capacity
Urban Institute

Jun 2022–Sep 2022 Author, Disaster Recovery Legislative Opportunity
Arnold Ventures

Aug 2021–Jul 2023 Project Advisor: Energy Policy and Racial Equity
Columbia University and University of Michigan

Oct 2021–Oct 2022 Project Advisor: Insurance Pilot for Low- & Moderate-Income Households
University of Pennsylvania/EDF and City of New York

Jul–Aug 2021 Grant Reviewer
US Environmental Protection Agency

Jan–Jul 2021	Strategic Guidance Group Network for Energy, Water, and Health in Affordable Buildings
May 2020–Jul 2023	Advisor and policy strategy consultant Climate Justice Resilience Fund
Jun 2019–May 2022	Strategic planning advisor UCLA Latino Politics and Policy Initiative
May – Oct 2013	Housing and climate change consultant Inter-American Development Bank
Oct 2009–Apr 2010 & Apr-Jul 2012	Co-Author: Sustainable cities with Brazil's Caixa Econômica Federal World Bank
Oct 2009–Apr 2010	Green Jobs and Green Business Development Specialist YouthBuild USA
Jul 2009–Jul 2011	Green Building Publications Reviewer and Co-Author Delmar Cengage
Jul–Dec 2009	Technical Advisor National Center for Healthy Housing
Jul–Nov 2009	Green Jobs and Job Training Specialist Home Builders Institute
Dec 2007–Jun 2009	Foreign Building Code Specialist International Code Council
Aug–Oct 2006	Americas Fellow: Mexico's National Green Housing Policy Comisión Nacional de Vivienda (<i>National Commission on Housing</i>)
June 2004	Surveyor Training, City of Phoenix Housing Conditions Survey City of Phoenix and Arizona State University

PUBLICATIONS

Peer-Reviewed

JOURNAL ARTICLES (PEER-REVIEWED)

- Y. Kirsht, A. Jain Figueroa, C. Martín, T. Reames, D. Hernández, (2025). "Race, Rates, and Energy Insecurity: Exploring Racial Disparities in Electricity Costs and Consumption in U.S. Utility Service Areas." *Scientific Reports-Nature* 15, 34263 (2025). <https://doi.org/10.1038/s41598-025-16419-1>
- C. Reid, C. Martín, C. Rausch & E. Lee Raymond. (2025). "What Would It Take to Close the Housing Supply Gap in the Next Five Years, While Addressing the Nation's Affordability, Climate Sustainability, and Resiliency Goals?" *Housing Policy Debate* 35(3), 583–599. <https://doi.org/10.1080/10511482.2025.2479449>
- K. J. Mach, K. Jagannathan, L. Shi, L. Turek-Hankins, J. Arnold, C. Brelsford, A. Flores, J. Gao, C. Martín, D. McCollum, R. Moss, J. Niemann, B. Rashleigh, P. Reed. (2024). "Research to

confront climate change complexity: Intersectionality, integration, and innovative governance." *Earth's Future* 12(6).

Martín, C. (2022). "Exploring Climate Change in US Housing Policy." *Housing Policy Debate*, 32(1).

Martín, C. (2022). "The Evolution of Climate Action in the Environmental Justice Movement, 2010–2020." *Environmental Justice* 15(3).

de Souza Briggs, X., C. Martín, V. Reina, and J. Steil. (2022). "Seeing More, Learning More." *Cityscape* 24(2).

Teles, D., C. Martín, N DuBois. (2021). "Understanding the Pace of HUD's Disaster Housing Recovery Efforts," *Housing Policy Debate* 32(1), pp.102-127.

Ratcliffe, C., W. Congdon, D. Teles, A. Stanczyk, & C. Martin. (2020). "From Bad to Worse: Natural Disasters and Financial Health," *Journal of Housing Research*, 29(1).

Martín, C. (2019). "Understanding Housing Data from the 2017 Disaster Season." *Natural Hazards Review* 20(3), August.

Martin, C. (2014). "The Policy, Economics, and Society around Residential Building Construction," in "Residential Building Construction: State-of-the-Art Review" with Memari, Huelman, Iulo, Laquatra, McCoy, Nahmens, and Williamson, *Journal of Architectural Engineering Residential Building Construction: State-of-the-Art Review* (10:1061) September.

Martín, C. (2014). "The Most Common of Buildings: The Design and Construction of US Homes and the Households That Occupy Them." *Cityscape* 16(2), January.

Jimison, J. W., Evans, D. M., and Martín, C. (2012). "The home of the future." *Issues in Science and Technology* 28(3).

Martín, C. (2011). "Home Purchase Counseling: The Untapped Green Financing Tool." Proceedi Strengthening the Green Foundation conference sponsored by the Federal Reserve Bank of Atlanta and Tulane University, New Orleans. *Journal of Sustainable Real Estate*, March 11.

Martín, C (2005). "Response to 'Building Codes and Housing'." *Cityscape: A Journal of Policy Development and Research*, Volume 8, Number 1.

Martín, C (2004). "Building the Discipline: Developing Programs for Housing Science Research." *Housing and Society*, Volume 31, Number 1.

Martín, C. (2001). "Mechanization and 'Mexicanization': Racialization and California's Agricultural Technology." *Science as Culture*, Fall.

BOOK CHAPTERS (PEER-REVIEWED)

Martín, C. (2025). "Home(be)coming: Context and Conditions in Contemporary American Housing." In Cunningham Cameron, De León, and Wilkinson (Eds.), *Making Home: Belonging, Memory, and Utopia in the 21st Century*, MIT Press.

Martín, C (2021). "Public Funding of Coastal Adaptation: A Review of Public Sources—and the Case for More." In Kousky, Fleming, and Berger (Eds.), *A Blueprint for Coastal Adaptation: Uniting Design, Economics, and Policy*, Island Press.

Martin, C. (2019). "The Silence Before the Storm: Advocacy Groups' Current Perceptions of Future Climate Vulnerability." In Kendra, Knowles, and Wachtendorf Eds.), *Disaster Research and the Second Environmental Crisis*, Springer.

Martin, C. (2015). "The Policy Context for Adopting and Diffusing U.S. Homebuilding Technology". Chapter in McCoy, Sanderford, and Koebel (Eds), *Housing Innovation: The Policies, Programs and People that shaped Innovation in Housing, 1990-2013*, Momentum Press.

Martin, C. (2007). "Global Constructions, or Why Guadalajara Wants a Home Depot While Los Angeles Wants Construction Workers," in Tanzer and Longoria (Eds.), *The Green Braid: Towards an Architecture of Ecology, Economy and Equity*, Routledge.

Project Reports, Policy Briefs, and Other Publications

Martín, C., A. Mallach, T. Swanstrom, A. Harrison, and S. Wedeen. (2024). "Catalyzing a Movement to Produce Greater Public, Private, and Civil Resources to Improve Housing Conditions through Home Repair Programs." August:

Martín, C., C. Solari, A. Junod, R. Marx. (2023). "Housing Resilience in Greater New Orleans: Perceptions of and Home Adaptations to Climate Hazards in Post-Katrina Louisiana." NAS Gulf Research Program. January: <https://www.urban.org/research/publication/housing-resilience-greater-new-orleans>.

Martín, C., R. Drew, A. Orlando, J. Moody, S. Rodnyansky, B. An, A. Jakabovics, N. Patton, and M. Donoghoe. (2023). "Disasters and the rental housing community: Setting a research and policy agenda." Walmart Foundation. October. <https://www.brookings.edu/articles/disasters-and-the-rental-housing-community/>.

Martín, C. (2023). "Empowering Up, Powering Down: The Evolution, Effects, And Efforts to Digitize Energy Controls And Digitalize Energy Information In US Homes." Harvard University. May. <https://www.jchs.harvard.edu/research-areas/working-papers/empowering-powering-down-evolution-effects-and-efforts-digitize>

Martín, C., M. Bueno, F. Montes, R. Frost (2023). "Targeting Weatherization: Supporting Low-Income Renters In Multifamily Properties Through The Infrastructure Investment And Jobs Act's Funding Of The Weatherization Assistance Program And Beyond." Housing Crisis Research Collaborative. January. <https://www.jchs.harvard.edu/research-areas/working-papers/targeting-weatherization-supporting-low-income-renters-multifamily>

Freemark, Y., R. Frost, C. Martín, J. Morales-Burnett, F. Montes. (2023). "The Potential for Supporting Low-Income Renters Through Transportation Spending Under the Infrastructure Investment and Jobs Act and Beyond." Housing Crisis Research Collaborative. January. <https://www.urban.org/research/publication/potential-supporting-low-income-renters-through-transportation-spending>.

Martín, C. (2021). "The Landscape of Data Capacity in US Environmental Justice Organizations." Robert Wood Johnson Foundation. November. <https://www.urban.org/research/publication/landscape-data-capacity-us-environmental-justice-organizations>.

- Junod, A., C. Martín, R. Marx, A. Rogin. (2021). "Equitable Investments in Resilience." Miami Foundation. June. <https://www.urban.org/research/publication/equitable-investments-resilience>.
- Martín, C. and A. Williams. (2021). "A Federal Policy and Climate Migration Briefing for Federal Executive and Legislative Officials." Kresge Foundation. March. <https://www.urban.org/research/publication/federal-policy-and-climate-migration-briefing-federal-executive-and-legislative-officials>.
- Martín, C, Sara McTarnaghan, James Ladi Williams, Kimberly Burrowes, Jorge González, Jorge Morales-Burnett, Wilton Oliver, Clare Salerno. (2020). "Articulating a Program for Resilience: The Landscape of Evidence, Actions, and Geographies." Adrienne Arsht-Rockefeller Foundation Center for Resilience at the Atlantic Council. June. <https://www.urban.org/research/publication/articulating-program-resilience>.
- Martín, C with Brett Theodos, Brandi Gilbert, and Dan Teles. (2021). "Housing Recovery and CDBG-DR," US Department of Housing and Urban Development. January. <https://www.urban.org/research/publication/housing-recovery-and-cdbg-dr>.
- Martín, C and J. Lewis. (2019). "The State of Equity Measurement: A background review for energy-efficiency programs." Energy Trust of Oregon. September. <https://www.urban.org/research/publication/state-equity-measurement>.
- Martín, C. with A. McCoy. (2019). "Building Even Better Homes: Strategies for Promoting Innovation in Home Building," US Department of Housing and Urban Development, June. <https://www.urban.org/research/publication/building-even-better-homes-strategies-promoting-innovation-home-building>.
- Martín, C. and O. Arena. (2019). "Next50 Catalyst Brief: Climate Adaptation." Urban Institute. April. <https://www.urban.org/research/publication/next50-catalyst-brief-climate-adaptation>.
- Martín, Carlos with Caroline Ratcliffe, William J. Congdon, Alexandra Stanczyk, Daniel Teles, Bapuchandra Kotapati. (2019). "Insult to Injury: Natural Disasters and Residents' Financial Health," Urban Institute, April. <https://www.urban.org/research/publication/insult-injury-natural-disasters-and-residents-financial-health>.
- Martín, Carlos et al. (2018). "100 Resilient Cities: Midterm Evaluation Report." Rockefeller Foundation, October. <https://www.urban.org/research/publication/institutionalizing-urban-resilience>.
- Sara McTarnaghan, Carlos Martín, Tanaya Srini, Juan Collazo, (2016). "Literature Review of Housing in Latin America and the Caribbean: Phase I: Global Housing Research Initiative," Habitat for Humanity International and Cities Alliance, October. <https://www.urban.org/research/publication/literature-review-housing-latin-america-and-caribbean-phase-i-global-housing-research-initiative>.
- Martin, Carlos with Brandi Gilbert, Eric Burnstein, Shiva Kooragayala, Tanaya Srini, and Somala Diby (2016) "The National Disaster Resilience Competition's Resilience Academies: Preliminary Outcome Evaluation." Rockefeller Foundation, August. <https://www.urban.org/research/publication/preliminary-outcome-evaluation-national-disaster-resilience-competitions-resilience-academies>.

- Martin, Carlos with Pamela Lee and Elizabeth Oo. (2014) "Evaluation: Rebuild by Design Phase I." Rockefeller Foundation, June. <https://www.urban.org/research/publication/evaluation-rebuild-design-phase-i>.
- Hamutal Bernstein, Carlos Martín, Lauren Eyster, Theresa Anderson, Stephanie Owen, Ananda Martin-Caughey "(2015). "Evaluation of the Alaska Native Science and Engineering Program (ANSEP)." University of Alaska, January.
<https://www.urban.org/research/publication/evaluation-alaska-native-science-and-engineering-program-ansep>.
- Martín, C., G. Campillo, H. Meirovich, and J. Navarrete. (2013). "Climate Change Mitigation & Adaptation through Publicly-Assisted Housing: Theoretical Framework for the IDB's Regional Policy Dialogue on Climate Change." Technical Note No. IDB-TN-593. InterAmerican Development Bank, September:
<https://publications.iadb.org/en/publications/english/viewer/Climate-Change-Mitigation--Adaptation-through-Publically-Assisted-Housing-Theoretical-Framework-for-the-IDB-Regional-Policy-Dialogue-on-Climate-Change.pdf>
- Martín, C., "The Campaign for American Workers Initiative: Evaluation Final Report." (2013). Rockefeller Foundation, July.
- Martín, C., "The Sustainable Employment in a Green US Economy: Evaluation Final Report." (2013). Rockefeller Foundation, February:
<https://www.rockefellerfoundation.org/report/evaluation-of-the-sustainable-employment-in-a-green-u-s-economy-segue/>
- Martín, C. and N. Von Meyer, (2013). "The Feasibility of Developing a National Parcel Database: County Data Records Project Final Report." US Department of Housing and Urban Development. January:
https://www.huduser.gov/portal/Publications/pdf/feasibility_nat_db.pdf
- Martín, C., "The State of the Residential Construction Industry." (2012). A Background Paper for the Bipartisan Policy Center's Housing Commission. September.
- L. Buron, C. Martín, et al, "Assessing Quality of Life in FEMA's Alternative Housing Pilot Program." US Department of Housing and Urban Development. Forthcoming (HUD).
- Martín, C., "Sustainable Low-Income Housing in Brazil: Green Initiatives in the Civil Construction Sector." (2012) A Briefing for the World Bank and the Brazilian Ministry of the Environment. June.
- J. Turnham, C. Martín, et al. (2011). "Housing Recovery on the Gulf Coast, Phase II: Results of Property Owner Survey in Louisiana, Mississippi, and Texas." US Department of Housing and Urban Development, November.
- Martín, C. and C. Lynch, (2011). "Green Cities: Sustainable Low-Income Housing in Brazil." A Briefing for the Sustainable Development Department of the Latin America and the Caribbean Region in the World Bank Group, May.
- K. Burnett and C. Martín. (2010). "A Methodological Review of the Center for Neighborhood Technology's "Housing + Transportation Affordability Index." National Association of Home Builders. November.

Martín, C., "Going to Scale with Housing Microfinance: The Role of Commercial Banks—microREPORT #92." (2008). US Agency for International Development, March.

Martín, C. (1995). "Looking for the Brown Box: Conceptualizing Relations Between Chicano History and Technological Politics." Stanford University Center for Chicana/o History Working Papers 51 and 52.

Curricular and Trade Publications

Martín, C. 2017. *Green Building. Residential Construction Academy Series*: Delmar Cengage.

Martín, C. 2015. "Rebuild by Design." *Natural Hazards Observer*, January.

Martín, C. 2014. "The Most Common of Buildings: The Design and Construction of U.S. Homes and the Households That Occupy Them." *Cityscape* (16:2) August.

Martín, C. 2007. "Mobile Foundations: US-Mexico Constructions." *Thresholds-MIT Journal of Architecture*, Dec.

Martín, C. 2006. "Muffled Conversations: The City, the Citizens, & Affordable Housing Design." *Affordable Housing Design: Convening the Conversation: Proceedings of the Association of Collegiate Schools of Architecture/Fannie Mae Foundation Workshop*. (Washington: ACSA).

Martín, C. and A. Foss. 2006. "All that Glitters Isn't Green... and Other Thoughts on Sustainable Building." *Blueprints*. Volume 24, Number 4. Fall.

Martín, C. and M. Kaplan. 2000. "Constructing Standards: Controlling Building Through Early Building Codes, 1880-1930." National Park Service, July 2000.

Commentaries

Blog posts and other public commentary

Martín, C. (2024). "'Innovative, Opportunistic, Faster. (A Discussion of 'Lessons from a Decade of Philanthropy for Interdisciplinary Energy Research.')" *Issues in Science and Technology* 40: 3 (Spring).

Martín, C., C. Kousky, K. French, and M. Donoghoe (2024). "Recent executive actions have built a more equitable and effective disaster policy. But the rest must come from legislative change." Brookings Institution, Reforming National Disaster Policy Series, April 23.

Martín, C., C. Kousky, K. French, and M. Donoghoe (2023). "Vulnerable families need a more responsive and reliable federal disaster safety net." Brookings Institution, Reforming National Disaster Policy Series, November 13.

Martín, C., C. Kousky, K. French, and M. Donoghoe (2023). "How the federal government should build local governments' capacity for addressing disasters." Brookings Institution, Reforming National Disaster Policy Series, October 18.

Kousky, C., K. French, C. Martín, C. and M. Donoghoe (2023). "As disasters become more costly, the US needs a better way to distribute the burden." Brookings Institution, Reforming National Disaster Policy Series, September 13.

- Martín, C., C. Kousky, K. French, and M. Donoghoe (2023). "Federal disaster management is a confusing patchwork. Reforming FEMA and improving interagency coordination can fix it." Brookings Institution, Reforming National Disaster Policy Series, August 3.
- Kousky, C., K. French, C. Martín, C. and M. Donoghoe (2023). "The US needs a new system for declaring natural disasters and distributing federal aid." Brookings Institution, Reforming National Disaster Policy Series, July 14.
- Martín, C., C. Kousky, K. French, and M. Donoghoe (2023). "Four principles for reforming US disaster policy." Brookings Institution, Reforming National Disaster Policy Series, May 25.
- Martín, C. (2023). "Despite a Pandemic Remodeling Boom, Aging US Homes Require Additional Investment." Harvard Joint Center for Housing Studies, *Housing Perspectives*: March 23.
- Martín, C. (2023). "How Do We Encourage Greater Flood Insurance in America?" Harvard Joint Center for Housing Studies, *Housing Perspectives*: March 10.
- Martín, C. (2023). "Harnessing the IJJA's Weatherization Assistance Program to Leave No Household in the Cold." Harvard Joint Center for Housing Studies, *Housing Perspectives*: January 31.
- Martín, C. (2022). "Connecting Americans to Prosperity: How Infrastructure—including Its Links to Housing—Can Become More Equitable." Harvard Joint Center for Housing Studies, *Housing Perspectives*: September 29.
- Martín, C. (2022). "Housing After Disasters and the Importance of Comprehensive and Equitable Recovery Policies." Harvard Joint Center for Housing Studies, *Housing Perspectives*: September 6.
- Martín, C. (2022). "The Inflation Reduction Act will reduce household energy insecurity—but it could do more." Brookings Institution, August 22.
- Martín, C. (2022). "What Strategies are Needed to Implement Energy Retrofits Equitably and Practically?" Harvard Joint Center for Housing Studies, *Housing Perspectives*: July 5.
- Maynes, T. and Martín, C. (2022). "Home Repair Programs Serve Critical Needs for Low-Income and Vulnerable Homeowners." Harvard Joint Center for Housing Studies, *Housing Perspectives*: June 27.
- Martín, C. (2022). "The GOP claims the infrastructure act has a social agenda – it's a partisan detour." The Hill, January 30.
- Martín, C., A. M. Perry, and A. Barr. (2021). "How equity isn't built into the infrastructure bill—and ways to fix it." Brookings *The Avenue*, December 17.
- Broadly, K., C. Busette, T. Carmona, K. L. Gilbert, C. Martín, R. Maxim, A. M. Perry, R. Ray, and G. R. Sanchez. (2021). "What does the Build Back Better Framework mean for BIPOC communities?" Brookings How We Rise Project, November 5.
- Martín, C. (2022). "Labor and Materials Might Constrain Remodeling Growth, but the Pandemic Is Only Part of the Story." Harvard Joint Center for Housing Studies, *Housing Perspectives*: January 24.
- Martín, C. (2021). "Five Optimistic Thoughts on the Future of Remodeling Research." Harvard Joint Center for Housing Studies, *Housing Perspectives*: July 29.

- Martín, C., (2021). "Environmental Justice: Infrastructure Investments and Equitable Benefit-Cost Analysis." Coordinator and Speaker, *Exposure: An RFF-Urban Institute Series on Environmental Justice*, July 21.
- Martín, C., (2021). "Environmental Justice: Climate Impacts, Adaptation, and Resilience." Coordinator and Moderator, *Exposure: An RFF-Urban Institute Series on Environmental Justice*, June 17.
- Martín, C., (2021). "Environmental Justice: Energy Equity and Transitions." Coordinate and Speaker, *Exposure: An RFF-Urban Institute Series on Environmental Justice*, May 12.
- Martín, C., (2021). "Environmental Justice: Lessons from History and a Look to the Future." Coordinate and Moderator, *Exposure: An RFF-Urban Institute Series on Environmental Justice*, March 24.
- Martín, C. (2021). "Learning from Surfside tragedy: The limits of building regulations and residents' needs." The Hill, July 15.
- Martín, C. (2021). "Nine Principles to Inform Federal Climate Displacement Policy." UrbanWire, May 20.
- Ratcliffe, J., C. Martín, E. Seidman (2021). "Three Ways the Housing Finance System Can Protect All Homeowners from the Escalating Effects of Climate Change." UrbanWire, May 13.
- Martín, C. with J. Ratcliffe, M. Neal, and E. Seidman (2021). "Response to Climate and Natural Disaster Risk Management Request for Input, Federal Housing Finance Agency, April.
- Martín, C. (2021). "Biden's Infrastructure Plan Begins to Address Concerns beyond Transportation but Only Meets Part of the Need." UrbanWire, April 2.
- Rodríguez, S., F. Walker, C. Martín. (2021). Winter Storm Uri's Impacts on Houston Neighborhoods Show Why It's Urgent to Build Equity into Climate Resilience." UrbanWire, March 10.
- Teles, D. and C. Martín. (2021). Why Does Disaster Recovery Take So Long? Five Facts about Federal Housing Aid after Disasters." UrbanWire, January 25.
- Gwam, P., A. Hariharan, C. Martín. (2020). "Federal Disaster Policy Reforms—Including Flood Insurance Treatment—Should Center Racial and Economic Equity." UrbanWire, September 30.
- Rogin, A., E. Burnstein, C. Martín. (2020). "With Increasing Climate Disasters, Who Receives Assistance Matters." UrbanWire, September 23.
- Kousky, C. and C. Martín. (2020). "Low-income households should be prioritized after disaster strikes." The Hill, August 31.
- Martín, C. and A. Clark-Ginsburg. (2020). "How COVID-19 Sheds Light on Disaster Policy's Need to Prepare for Multiple, Sequential Emergencies." UrbanWire, August 10.
- Solari, C. and C. Martín. (2020). "What can Disaster Managers Learn from Homeless Assistance Providers During COVID-19?" UrbanWire, August 6.
- Marx, R., C. Salerno, and C. Martín. (2020). "Without Robust Requirements That Sellers Disclose a Home's Flooding History, Buyers Are More at Risk." UrbanWire, July 21.
- Oliver, W., M. Reed, and C. Martín. (2020). "Louisiana Grassroots Organizations Can Be Key Partners during COVID-19 Recovery." UrbanWire, July 8.

- Arena, O., M. Cohen, and C. Martín. (2020). "Disparities in Disaster Mitigation Resources and Information Can Leave Households Unprepared for Climate Threats." UrbanWire, July 6.
- Burnstein, E., W. Oliver, and C. Martín. (2020) "Communities' Disaster Risk Depends on More Than Just Physical Exposure." UrbanWire, June 2.
- Martín, C. (2020). "Essential Construction Work during the Pandemic Needs to Prioritize Worker Safety." UrbanWire, April 24.
- Martín, C. (2020). "Earth Day amid a Pandemic: How Our Public Health and the Environment Are Connected." UrbanWire, April 22.
- Martín, C. (2020). "Families Need More Help to Keep the Lights On and the Water Running during the Pandemic." UrbanWire, April 15.
- Martín, C. (2020). "What Do "Stay-at-Home" Orders Mean for Families in Unsafe or Unrepaired Homes?" UrbanWire, April 8.
- Martín, C. (2019). "Who Are America's "Climate Migrants," and Where Will They Go? ." UrbanWire, October 22.
- Martín, C. and C. Kousky (eds). (2019). "Improving the Disaster Recovery of Low Income Households." Digital Dialogue, October: <https://esg.wharton.upenn.edu/engagement/digital-dialogues/improving-disaster-recovery/>
- Martín, C. (2019). "Six Ways to Prioritize Equity in Energy Efficiency and Climate Policy." UrbanWire, September 19.
- Martín, C. (2019). "How Our Disaster Recovery Should Improve in the Face of Stronger Hurricanes, September 4.
- Martín, C. (2019). "A Green New Deal" sets a high bar for environmental economic change and justice," February 8.
- Martín, C. (2019). "Five ways households are left behind in the disaster recovery and data supply chain," September 11.
- Martín, C, D. Teles, C. Duncan, and A. Adams. (2018). "Without linking recovery to communities' long-term goals, disasters will keep getting worse." UrbanWire, September 4.
- Martín, C., M. Mcfadden, and S. Udvardy. (2019). "Disaster-stricken communities aren't receiving the funds they were promised." *The Hill*, March 11.
- Martín, C, D. Teles, C. Duncan. (2018). "Gaps in data hinder equitable disaster recovery." UrbanWire, August 27.
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PRESENTATIONS

Academic Conferences

- "The Remodeling Industry and Energy Retrofits: Capacity and Awareness for Change." American Council for an Energy Efficient Economy Summer Study, Asilomar, August 2024.
- "Redefining Home Repair Challenges and Needs in the 21st Century." With S. Wedeen, Urban Affairs Association Annual Conference, New York, April 2024.
- "Communicating Energy Opportunities to Residential Remodelers: The State of Practice in Residential Decarbonization—Recent Survey Findings." American Council for an Energy Efficient Economy Behavior, Energy & Climate Change Conference, Sacramento, November 2023.

- "Housing the US Latina/o/x: Exploring the 'Paradoxes' and Clarifying the Specificities." (Convener and Moderator). Association of Collegiate Schools of Planning Annual Conference, Chicago, November 2023.
- "Ranges of Recovery: How to Achieve Equitable Outcomes with Finite Resources." Panelist, Natural Hazards Workshop, July 2023.
- "Justice 40 Plenary Session," Moderator, National Hazards Workshop, July 2022.
- "Housing Adaptation: Behaviors and Resources in Post-Katrina Greater New Orleans." UCLA Climate Adaptation Symposium, December 2021.
- "Equity and Shelter." Keynote Panelist, American Geographical Society's 'Geography 2050: Towards a More Equitable Future,' November 2021.
- "Managing in the Middle: Local Civil Society Organizations, Community Engagement, and Climate Plans." With M. Reed, W. Oliver, A. Hariharan. Nonprofit and Voluntary Sector Quarterly - Symposium on "Climate Change and the Voluntary Sector, August 2021.
- "What (and Who) is Equitable Resilience For?" Roundtable Moderator and Speaker, Association of Collegiate Schools of Planning Annual Conference, November 2023.
- "Managing in the Middle Local Civil Society Organizations, Community Engagement, and Climate Plans." with Martena Reed, Wilton Oliver, and Ananya Hariharan. Nonprofit and Voluntary Sector Quarterly Symposium on Climate Change and the Voluntary Sector, August 2021.
- "Where to next? Climate Migrant Destination Communities," Temple Law Review Symposium, February 2021.
- "Where Disaster Migrants Go: Patterns in Post-Disaster Reception and Long-Term Outcomes for Relocated Households in Receiving Communities," Columbia University's "At What Point Managed Retreat?" Conference, June 2019.
- "Learning from Relocation: Applying Federal Housing and Community Displacement Lessons for Managed Retreat," Columbia University's "At What Point Managed Retreat?" Conference, June 2019.
- "The Civil Sector Deference to the Private: Charitable Adaptation: Private Philanthropy and Planning for Local Climate Change Adaptation," Urban Affairs Association, May 2019.
- "The Civil Sector Deference to the Private." Urban Affairs Association Annual Conference, Los Angeles, April 2019.
- "Federal Policy for Climate Displacement, Relocation, & Migration: A Stakeholders' Summit." Conference Coordinator, Moderator and Presenter (online), November 18, 2018.
- "Urban Resilience in Latin America: The Road from Theory to Practice." APPAM International Conference, July 19, 2018.
- "Housing and Disasters: Understanding Housing Data in the 2017 Disasters." ASCE Infrastructure Resilience Division Research Forum: The 2017 Natural Disasters, July 13, 2018.
- "The Regional Sum of Resilient Cities' Parts: The Process and Effects of Urban Resilience Interventions within Broader Regions." Urban Affairs Association Annual Conference, Toronto, April 5, 2018.

- "Housing Technology and the Contemporary Policy Context in the U.S," Pennsylvania State Housing Research Center Housing Research Conference, February 28, 2018.
- "Measuring Resilience in Recent Federal Environment Emergency Program Initiatives." APPAM Fall Research Conference, November 2016.
- "100 Resilient Cities and Resilience Measurement." Natural Hazards Conference, July 2015.
- "Rebuild by Design: A Formative Evaluation of the Sandy Recovery Design Competition." With E. Oo, Urban Affairs Association Annual Conference, Miami, April 2015.
- "Housing Reconstruction and Community Recovery Following Disasters." Pennsylvania State Housing Research Center Housing Research Agenda. Bethlehem, Pennsylvania. February 2013.
- "Building Codes and the Construction of US Cities." Construction History Society of America. Philadelphia, Pennsylvania. May 2010.
- "Technology Matters—The Cost of and Returns to Innovating Homes, or Not." American Real Estate and Urban Economics Association 2006 Mid-Year Meeting. Washington, DC. May 31, 2006.
- "Tools: Building Labor History into American Architecture." ACSA 2004 Annual Conference. Miami, Florida. March 16, 2004.
- "Building (the) Disciplines: The Case of the US Partnership for Advancing Technology in Housing." IAHS 30th World Congress on Housing. Coimbra, Portugal, September 9, 2002.

Invited Lectures and Panels

- "The State of US Homes and Home Repairs." Keynote Presentation for Coalition for Home Repair's 14th Annual National ReFrame Conference 2024, November 2024.
- "Workforce Requirements in Home Electrification and Decarbonization." Lawrence Berkeley National Laboratory Seminar Series, October 2024: <https://homes.lbl.gov/seminar-7-workforce-requirements-home-electrification-and-decarbonization>
- "Climate Conversations: Housing and Disasters." National Academies Climate Crossroads Discussion with Dr. Tracy Kijewski-Correa (Notre Dame) and Christopher Flavelle (New York Times), October 2024: https://www.nationalacademies.org/event/43774_10-2024_climate-conversations-housing-and-disasters.
- "Creating Effective, Comprehensive, and Accessible Home Repair Programs." Co-Presenter with Todd Swanstrom and Sophia Wedeen, October 2024: <https://www.jchs.harvard.edu/calendar/creating-effective-comprehensive-and-accessible-home-repair-programs>
- "Legalizing Mid-Rise Single-Stair Housing in Massachusetts." Moderator, October, 2024: <https://www.jchs.harvard.edu/calendar/legalizing-mid-rise-single-stair-housing-massachusetts>.
- "Climate Disasters and Insurance: Evaluating Federal Roles in the U.S. Meeting." Environment Defense Fund Symposium, October 2024.
- "Adapting Affordable Housing to the New Realities." NHP Foundation 2024 Discussion Panel, October 2024.
- "Climate Risk Industry Roundtable." MIT Real Estate and Climate Symposium, October 2024.

- "Housing More People in a Warming World." New York Times 2024 Climate Week Discussion, September 2024.
- "Collaborative Partnerships to Build Resilience for Home Strengthening in Low Income Communities." UN Habitat 2024 Innovate4Cities Conference, September 2024.
- "Post Disaster Housing Resilience in Greater New Orleans." EPA Smart Growth Network and State of Maryland Sustainable Growth Webinar, August 2024.
- "Designing Postsecondary Programs, Pathways, and Learning Experiences to Prepare the Future Blue and Green Workforce." National Academies Climate Crossroads Summit, July 2024.
- "Emerging energy technologies and environmental justice in the energy transition." Resources for the Future Resilient Energy Economies Convening, June 2024.
- "Insurance, Risk, and Resilience." Panelist for NY Federal Reserve's "What's Possible: Investing NOW for Prosperous, Sustainable Neighborhoods," May 2024.
- "Reforming National Disaster Policy." Presentation to 2024 REALTORS® Legislative Meetings Insurance Committee, May 2024.
- "Resilient Building Codes." Panelist for FEMA & International Code Council Hearing, May 2024.
- "Climate and Housing." Guest Lecture in Harvard Department of Urban Planning and Design "U. S. Housing Markets, Problems, and Policies" Course, April 2024.
- "Historical Context: How Did We Get HERE?" Invited Speaker, Climate and Housing Symposium of the Kreisman Initiative for Housing Law and Policy, Mansueto Institute, University of Chicago, May 2024.
- "Post-Katrina Housing Resilience in Greater New Orleans." Harvard Joint Center for Housing Studies Webinar Series, April 2024.
- "Finding Focus: A Look at Disaster Policy Priorities and Proposals." Bipartisan Policy Center Webinar Panelist, April 2024.
- "Climate and Housing." University of Miami 2024 Climate Symposium, April 2024.
- "Banking on Resilience: Understanding Climate Activities for CRA Compliance." CERES Webinar Panelist, January 2024.
- "National Disaster Policy Reforms." Center for Disaster Philanthropy Invited Speaker, December 2023.
- "Approaches to Green and Resilient Housing: A Primer." Keynote Presentation at Annual Meetings of the World Bank Group and the International Monetary Fund, December 2023.
- "The State of the Nation's Remodeling Industry." Keynote Speaker at the National Association of the Remodeling Industry, October 2023.
- "Remodeling Outlook." ProRemodeler Pinnacle Event, September 2023.
- "Climate Risk and Insurance." Plenary Panelist at EDF/American University Conference, September 2023.
- "The Perfect Storm of Extraction, Poverty, and Climate Change Webinar Series: The Effects of Health and Housing Quality on Climate Vulnerability and Resilience." Just Solutions Webinar, August 2023.

"Climate and Housing." ACCME Climate, Health and Equity Fellowship Invited Presentation, August 2023.

"From Scarcity to Abundance: Research and Strategies for Housing Policy." UC Berkley Turner Center Gathering, August 2023.

"Assessing insurance regulation and supervision of climate-related financial risk." Brookings Institution panel coordinator and moderator, June 2023.

"Climate and Housing." Guest Lecture in Harvard Department of Urban Planning and Design "U. S. Housing Markets, Problems, and Policies," April 2023.

Urban Institute-UnidosUS Latino Researcher Virtual Roundtable, January 2023.

"Keeping the (decarbonized) lights on: US housing, equity, and the energy transition." Harvard Symposium "Bringing Digitalization Home: How Can Technology Address Housing Challenges?," December 2022.

"Vivienda y comunidad: el rol de la planificación en la crisis de vivienda actual en Puerto Rico." University of Puerto Rico 5th Housing Conference, November 2022.

"Building Equity into Infrastructure." Presentation to the National Academies' Marine Board, November 2022.

"The Energy Revolution Starts at Home". Panel Moderator for Enterprise Community Partner's 40th Anniversary National Conference, October 2022.

"Equitable Digitalization of Residential Energy Technologies: Resistors in the digital energy controls and digitalized energy information of US homes." Invited Speaker, ACEEE BECC, October 2022.

"Equity in the Built Environment." Columbia University Energy Policies to Address Equity and Measure Impact Guest Lecture, August 2022.

"Facing Two Tasks: Preserving and Expanding Equity in Climate Mitigation and Adaptation." ACEEE Summer Study Invited Presentation, August 2022.

"Housing Underproduction in the U.S." Up for Growth Symposium Panelist, July 2022.

"The State of Housing in the Nation and in Metro Miami." Miami-Dade Mayor's Housing Summit Keynote Presentation, June 2022.

"Voters on the Move." California Endowment for the Humanities Climate Migration Panelist, June 2022.

"Climate Displacement and Migration: The Unknown Journey for Washingtonians." University of Washington, Department of Urban Design and Planning Lecture Series, Keynote, May 2022.

"Empowering up, powering down: Digital energy controls and digitalized energy information in US homes." Harvard University Bringing Digitalization Home Symposium, March 2022.

"Rethinking Policy: The Effect of Zoning Laws and Land-Use Regulations on Hispanic Homeownership Rates." 2022 CHCI Capitol Hill Policy Briefings Panelist, March 2022.

"Closing the Housing Gap." NCST Resilient Public Spaces Webinars, March 2022.

"Rental Housing and Climate Change: Preserving and Expanding Opportunity in the Crisis." Keynote Presentation to the New York Federal Reserve's Roundtable Discussion on Climate Risk to Renters and Rental Housing, March 2022.

- "Maximizing the Infrastructure Investment and Jobs Act (IIJA) to Expand Economic Opportunity." Brookings Institution Presentation to Seattle-Area Public Leaders, March 2022.
- "Big Decisions 2020." RFF Live Keynote Panelist (Resources for the Future), January 2022.
- "Equity and Shelter." American Geographical Society, Keynote Panel, November 2021.
- "Remodeling – The Biggest Untapped Efficiency Opportunity?" US Department of Energy, Better Buildings Seminar, October 2021.
- "Building Equity into Federal Investments for Housing Resilience." Housing Research Seminar, Harvard Joint Center for Housing Studies, October 2021.
- "Equity in the Built Environment." Cornell University (CRP 5850) Planning and Policymaking for Equity and Justice Guest Lecture, September 2021.
- "Construction Labor & the Immigrant Community." American Institute of Architects Q&A Session, August 2021.
- "The Global Urban Resilience Agenda: Assessment of Comparable Programs." World Resources Institute (WRI), July 2021.
- "Environmental Justice: Infrastructure Investments and Equitable Benefit-Cost Analysis." Miami Foundation, July 2021.
- "The Crisis Before and After," Old Dominion University and Hampton Roads Community Foundation, May 2021.
- "Creating a Just Approach to Disasters: A Conversation with Senator Brian Schatz (D-HI)." Urban Institute, April 2021.
- "Where to Next? Climate Migration and the Cities and Neighborhoods of the Future." ULI Webinar, October 2020.
- "Measuring Success: Pew's State Resilience Planning Group Roundtable." Pew Charitable Trusts Flood Prepared Communities, October 2020.
- "Crisis: The Before and The After." Old Dominion and Hampton Roads Community Foundation, May 2020.
- "Natural Disasters and Low-Income Americans." National Emergency Managers Association Mid-Year Forum Workshop, March 2020.
- "Thriving Residents, Thriving Cities: Propelling Inclusive Growth through Resident Financial Health." Urban Institute, November 2019.
- "The Future is Now: Innovations Changing the Affordable Housing Landscape." Virginia Governor's Housing Conference, November 2019.
- "Household Disaster Aid, Municipal Relevance, & Other Unanswered Challenges." Society of Municipal Analysts, October 2019.
- "Insult to Injury: Natural Disasters and Residents' Financial Health." Urban Institute, April 2019.
- "Housing and Community Resilience," Robert Wood Johnson Foundation's Fostering Research to Practice to Promote Community Resilience: Sharing Knowledge to Build a Culture of Health, March 2019.
- "How the United States Prepares for Disaster: A Conversation with Dr. Lucy Jones." Urban Institute and Rockefeller Foundation, December 2018.

- "Closing the Gap on Natural Disaster Risk Reduction: Linking Research and Practice." UPenn Wharton Risk Center, November 2018.
- "The State of the Residential Construction Industry," Hankin Distinguished Lecture, The Pennsylvania Housing Research Center at Pennsylvania State University, November 2018.
- "Equity 'while you're in there': Lessons between energy efficiency and other home interventions for low-income or underserved households," Panel on Models for Equity-Driven Energy Efficiency, ACEEE Summer Study, August 2018.
- "Public Financing of Coastal Adaptation: A Review of U.S. Fund Sources and Funded Projects—and the Case for More," University of Pennsylvania Wharton Risk Center and McHarg Center's "Adaptation Blueprint" Workshop September 2018.
- "Advancing Civil and Human Rights Throughout the Disaster Continuum." National Association for the Advancement of Colored People (NAACP) Annual Conference, July 2018.
- "The Border Wall: Immigration and Construction," SPUR and Architecture Lobby, May 2018.
- "Whither California?" Southern California Resilience Initiative Resilience Accelerator Workshop, February 2018.
- "Disasters & Household Finances." National Community Advisory Council, November 17, 2017.
- "Supply-Side Challenges: Cost, Affordability, and Regulation." Urban Institute and CoreLogic's 5th Annual Housing Symposium, November 1, 2017.
- "Hurricane Relief and Recovery: Fostering Human and Physical Infrastructure Resilience." Urban Institute, September 2017.
- "Infrastructure as a Path to Development," Georgetown University Policy Conference, March 2015.
- "Green housing finance: Past policies, future demand." Keynote speaker, Virginia Tech College of Architecture 50th Anniversary, September 2014.
- "The Role of Philanthropy in the Green Economy." Good Jobs Green Jobs 2013 Conference. DC, April 2013.
- "Capitalizing on the Benefits of Multifamily Energy Efficiency Retrofits." (Panelist). HUD Advancing Sustainability Performance: A Research and Practice Forum . September 2011.
- "Climate Change and Housing: An Overview." National Association of Home Builders' State and Local Government Affairs Conference. Memphis, Tennessee. November 2008.
- "It Isn't Easy Being Green Redux: Green Housing and the Future of Existing Homes." Harvard University Joint Center for Housing Studies Remodeling Futures Project. Cambridge, MA. October 2008.
- "Technology Matters: The Cost of and Returns to Innovating Homes, or Not." American Real Estate and Urban Economics Association Mid-Year Meeting. Washington, DC. May 30, 2006.
- "It's Not Easy Being Green: Consumers and Sustainable Remodeling." Harvard Joint Center for Housing Studies. Cambridge, MA. March 29, 2006.
- "Public-Private Housing R&D in U.S. and Developing Countries: Appropriate Technologies, National Efforts and Transfers." Proceedings of the U.S – India Symposium on Urban Housing

and Supporting Infrastructure, National Science Foundation, U.S.A and Ministry of Science and Technology (Funded by the US NSF). New Delhi, India. Oct. 20-22, 2005.

"Not White, Not Design: Teaching Identity Diversity in Architectural Technology Courses." 20th National Conference on the Beginning Design Student. Hampton, Virginia. April 1, 2004.

"Tools: Building Labor History into American Architecture." ACSA 2004 Annual Conference. Miami, Florida. March 16, 2004.

"The Architect in the House." Arizona State University School of Architecture. Tempe, Arizona. January 28, 2003.

"Management of Technological Change in Construction: Myths and Possibilities." Arizona State University Del Webb School of Construction. Tempe, Arizona. January 27, 2003.

"A History of Housing Technology Initiatives in the US." American Collegiate Schools of Architecture Technology Conference. Portland, Oregon. October 10, 2002.

"Building (the) Disciplines: The Case of the US Partnership for Advancing Technology in Housing." International Association of Housing Studies World Congress on Housing. Coimbra, Portugal. September 9, 2002.

"From Pillar to Post: Architectural Technology in Historical Context and Contemporary Practice." Cornell University Architecture Lecture Series. (Invited Speaker). Ithaca, New York, September 24, 2002.

"Building Homes, Building Communities." Texas Housing Practitioners Conference. Brownsville, Texas. August 20, 2002.

"Building the Better Mouse Trap: New Housing Designs." Florida Housing Practitioners Conference. Fort Lauderdale, Florida. August 8, 2002.

"Affordability and Value Through Technology." Wood Truss Council of America. Madison, Wisconsin, May 10, 2002.

"Housing Development, Construction, and Rehabilitation." 2001 HBCU Conference. Washington, DC. December 3, 2001.

"Setting the Plan in Motion." Second Interagency Conference on Strategic Planning in Indian Country. Phoenix, Arizona. October 1, 2001.

"Global Constructions, or What Lefebvre Left Out." Dartmouth Humanities Institute. Hanover, New Hampshire. September 27, 2000.

Policy Presentations

"Housing Design and Construction and A Supply Policy Proposal: Partnership for Advancing Retrofit Technology." US Department of Housing and Urban Development's Next Generation of Housing Policy Roundtable, October 2024.

"Harvard Joint Center for Housing Studies Readout of the State of Nation's Housing 2024 Report." (2024) Presentation to White House Domestic Policy Council Housing Staff, June 26.

"Exploring the Data on Disaster Equity: A Principled Strategy." (2024). Presentation to the Disaster Equity and Building Resilience Caucus, United States House of Representatives, April 11.

- "Assessing insurance regulation and supervision of climate-related financial risk." (2023). Presentation with US Department of Treasury's Assistant Secretary for Financial Institutions, June 27: <https://www.brookings.edu/events/assessing-insurance-regulation-and-supervision-of-climate-related-financial-risk/>
- "Encouraging greater flood insurance coverage." (2023). Statement before the Financial Services Committee's Subcommittee on Housing and Insurance, United States House of Representatives, March 10: <https://www.brookings.edu/articles/encouraging-greater-flood-insurance-coverage/>
- "Accelerating Decarbonization in the US Economy." (2024). Panelist for the National Academies' Congressional Climate Fellowship, February 7.
- "Assessing insurance regulation and supervision of climate-related financial risk." (2023). Conversation with U.S. Department of Treasury, June 27: <https://www.brookings.edu/events/assessing-insurance-regulation-and-supervision-of-climate-related-financial-risk/>
- "U.S. Infrastructure's Contribution to Economic Disparity and Fairness: An Overview." (2022). Statement before the Select Committee on Economic Disparity and Fairness in Growth, United States House of Representatives, February 9: <https://www.brookings.edu/articles/fairness-and-equity-in-infrastructure-policy/>.
- "Financial Effects of Extreme Weather Events: The Households." (2022). Presentation to the President's Council of Advisors on Science and Technology, November 9.
- "Constraint and opportunity in the US Department of Housing and Urban Development's Community Development Block Grant – Disaster Recovery Program." (2021). Statement before the Committee on Banking, Housing, and Urban Affairs, United States Senate, December 15: <https://www.brookings.edu/articles/constraint-and-opportunity-in-the-us-department-of-housing-and-urban-developments-community-development-block-grant-disaster-recovery-program/>.
- "Strategies for Promoting Innovation in Home Building." (2018). Briefing for HUD Secretary Ben Carson, Thursday, May 31.
- "The Evidence Base on How CDBG-DR Works for State and Local Stakeholders." (2018). Statement before the Subcommittee on Oversight and Investigations, Committee on Financial Services, United States House of Representatives, May 17: <https://www.urban.org/research/publication/evidence-base-how-cdbg-dr-works-state-and-local-stakeholders>.

SERVICE

Scholarly Service

- 2024- Reviewer, *Risk, Hazards & Crisis in Public Policy*
- 2024- Reviewer, *Applied Economics*
- 2024- Reviewer, *Energy Efficiency*
- 2024- Reviewer, *Housing Studies*

2024-	Reviewer, <i>npj Climate Action</i> (Nature)
2023-	National Academies, Member, Board on Energy and Environmental System
2023-	Resource for the Future, University Fellow (including RFF Environmental Justice Research June 2024 Workshop Participant)
2023-	ACEEE Research Advisory Board
2023-	U.C. Berkeley Turner Center Climate Advisory Group Member
2023	National Academies, Member, Communities, Climate Change, and Health Equity
2023	U.C. Davis Wildfire Resilient Structures (WiReS) Technical Program Committee
2022-	<i>Housing Policy Debate</i> Editorial Board Member
2022 & 2024	Reviewer, ACEEE Summer Study Paper Submissions
2022	Reviewer, <i>Nature Communications</i>
2021-2024	U.S. Fifth National Climate Assessment, Chapter Co-Author, Complex Systems
2021-2023	National Academies Study Committee Member, Committee on Accelerating Decarbonization in the United States
2021-2023	National Academies Study Committee Member, Committee on Progress Towards Human Health and Community Resilience in the Gulf of Mexico
2021-	National Academies Committee Member, Resilient America Roundtable
2021-	National Academies Study Committee Member, Committee to Advise the US Global Change Research Program
2021	Lead Guest Editor, <i>Housing Policy Debate</i> -Special Issue on Climate Change and Housing Policy
2021	HUD's Innovation in Affordable Housing Juror
2021-	Reviewer, <i>Natural Hazards Review</i>
2020-	Reviewer, <i>Journal of Environmental Studies and Sciences</i>
2019	Invited Participant, MIT Center for Advanced Urbanism Equitable Resilience Workshops
2018	Reviewer, RAND "Energy Efficiency as a Tool for Preservation of Affordable Rental Housing"
2017-2024	National Low Income Housing Coalition's Housing Recovery Research Consortium
2017-2019	National Academies Study Committee Member, "Measuring Community Resilience"
2016	Reviewer, National Renewable Energy Laboratory Paper "Estimating the National Carbon Abatement Potential of City Policies"
2016	Reviewer, Center for Neighborhood Technology Paper, "From 'Utility of the Future' to 'Communities of the Future'"
2015	Reviewer, American Council for an Energy-Efficient Economy Paper, "Enhancing Community Resilience through Energy Efficiency"

2014- Reviewer, *Energy and Buildings*
2013- Reviewer, *Housing Policy Debate*
2013- Reviewer, *ASCE Journal of Architectural Engineering*
2009-2014 HUD Cityscape Editorial Board

Policy and Civil-Sector Service

2024- Insurance for Good, Board Member
2023- Elevate (Chicago), Board Member
2023- Climate Resolve, Advisory Board Member
2023 US DOE Buildings Up Prize Juror
2022- McKnight Foundation, Climate Program Advisory Panel Member
2022- National Housing Trust, Board Member
2022- “Kitchen Cabinet” Member, Full Frame Initiative and the U.S. Census Bureau’s Opportunity Project
2021- Resilient Cities Catalyst, Board Member
2021- EPA Environmental Justice Grant Reviewer
2016-2022 FEMA’s National Risk Index Social Vulnerability Working Group
2020 Guest Editor, *Housing Policy Debate*’s Special Issue on Climate and Housing Policy
2017-2023 Climate Justice Resilience Fund, Advisory Working Group
2016- Expert Panel for National Evaluation of Health Impact Assessments, Pew Trusts
2014-2017 EPA Board of Scientific Counselors Sustainable Community Subcommittee (*resigned in protest*)
2014 Guest Editor, HUD’s Cityscape (Volume 16, Number 2)
2012 Moderator, HUD’s Research Roadmap on Design, Construction, and Technology
2013-2015 Workers Defense Project, National Construction Survey Advisory Panel Member
2010-2012 US Green Building Council LEED for Homes 2012 Working Group
2010 National Endowment for the Arts Mayors’ Institute on City Design Panel
2009-2012 ROOTS: Environmental Literacy Curriculum Reviewer
2010-2011 ICLEI Community Greenhouse Gas Built Environment Advisory Committee
2009-2010 Green for All Community of Practice Credential and Curricula Consultant

Professional Affiliations

Scholarly Association Memberships

Association for Public Policy Analysis and Management

Association of Collegiate Schools of Planning

Urban Affairs Association

Natural Hazards Center Affiliated Scholars

Professional Association Memberships

American Evaluation Association

American Institute of Architects

American Planning Association

American Society of Civil Engineers

Association of Collegiate Schools of Planning

Urban Affairs Association

U.S. Green Building Council

RESEARCH AREAS

Climate Mitigation Policy

Climate Adaptation Policy

Housing Quality

Construction Industry

Construction Technology

Development and Construction Regulations and Policy

Disaster Mitigation, Recovery, and Resilience

Environmental Justice

Housing and Housing Finance

International Development

Poverty, Vulnerability, and the Safety Net

Neighborhoods, Cities, and Metros

Race and Ethnicity

LANGUAGES

English (Native)

Spanish (Native)

Portuguese (Fluent)

French (Conversational)

Arabic (Basic)

Italian (Basic)

Mandarin Chinese (Basic)

Irish (Basic)

Japanese (Basic)