

April 28, 2025

TONY G. REAMES

University of Michigan

School for Environment and Sustainability

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EDUCATION

Ph.D. Public Administration, University of Kansas, 8/20/2009 – 12/19/2014

MEM Engineering Management, Kansas State University, 5/23/2005 – 12/14/2007

B.S. Civil Engineering, North Carolina Agricultural & Technical State University,
8/17/1998 – 5/11/2002

PROFESSIONAL EXPERIENCE

Academic Appointments

September 1, 2014-Present University of Michigan, School for Environment and Sustainability
Tishman Professor of Environmental Justice, 2024-Present
Director, Detroit Sustainability Clinic, 2024-Present
Associate Professor, 2022-Present
Assistant Professor, 2016-2022
Postdoctoral Fellow, 2014-2016

Sum 2012 Haskell Indians Nations University
Mentor, Haskell Environmental Research Studies (HERS) Institute

2011-2012 University of Kansas
Graduate Research Assistant, Institute for Policy & Social Research
Graduate Teaching Assistant, School of Public Affairs and Administration

2006-2010 University of Missouri-Kansas City
Instructor, College of Arts and Sciences, Military Science Program

Other Professional Experience

Jul 1, 2023-Dec 1, 2023 United States Department of Energy, Washington, DC
Principal Deputy Director, Office of State and Community Energy
Programs (Presidential Political Appointee)

Jul 8, 2021-June 30, 2023 United States Department of Energy, Washington, DC
Deputy Director for Energy Justice, Office of Economic Impact &
Diversity, Office of Energy Justice Policy & Analysis (Presidential
Political Appointee)

Jun 15, 2021-Jul 7, 2022 United States Department of Energy, Washington, DC
Senior Advisor on Energy Justice, Office of Economic Impact &
Diversity (Presidential Political Appointee)

Nov 1, 2007-Jun 17, 2011 City of Lee's Summit, MO
Staff Engineer, Department of Public Works, Development
Engineering Group

Oct 2006-Oct 2007 TranSystems Corporation, Kansas City, MO
Project Engineer, Rail Design Team

- Oct 25, 2006-Jul 7, 2010 United States Army Reserves (Rank: Captain)
Adjunct Faculty and Assistant Professor of Military Science,
Missouri Western State University/University of Missouri Kansas
City, 4-413 REGT (SROTC), 1st BDE, 104th DIV, Fort Knox, KY
8/8/2007
- Oct 25, 2002-Oct 24, 2006 United States Army (Ranks: 2nd Lieutenant, 1st Lieutenant,
Captain)
Assistant Operations Officer, HHC 1st Combat Training Brigade,
Fort Jackson, SC 10/15/05
Company Executive Officer, HQ/CO A 3rd 60 IN RE, Fort
Jackson, 10/13/2005
Operations Officer, HHC 24th INF DIV, Fort Riley, KS 4/4/2005
Training Officer, HHC 70th EN BN, Fort Riley, KS 1/7/2005
Platoon Leader, Co B 70th EN BN, Fort Riley, KS 6/16/2004
Battalion S2, HHC 70th EN BN, Baghdad, Iraq/Fort Riley, KS
1/2/2004
Construction Officer, HHC 70th EN BN, Baghdad, Iraq 9/20/2003
Construction Officer, HHC 70th EN BN, Fort Riley, KS 8/15/03
Engineer Officer Basic Course, US Engineer School, Fort
Leonard Wood, MO 3/16/03-7/15/03
Gold Bar Recruiter (SROTC), Department of Military Science,
Duke University/NC Central University, Durham, NC 10/25/02-
3/13/03
- Jul 2022-Oct 2002 SC Department of Health & Environmental Control, Columbia, SC
Hydrogeologist, Underground Storage Tank Program

Consulting Experience

- 2021 Consumers Council of Missouri. Energy equity and inclusion consultant
- 2020-2021 City of Detroit/Ecoworks. Detroit Climate Action Strategy- community
engagement consultant
- 2020-2022 City of Ann Arbor. Aging in Place Efficiently- impact evaluation consultant
- 2019 GRID Alternatives. TNC/Electric Vehicle Equity Project- research & impact
evaluation consultant
- 2018-2019 Clean Energy States Alliance. Solar with Justice- research consultant
- 2018 City of Ann Arbor. Ann Arbor Climate Action Plan- equity assessment consultant

GRANTS

External funding

- 2024 **Michigan Department of Environment, Great Lakes & Energy (EGLE).** "Climate
Pollution Reduction Grant Planning."
- 2021 **Robert Wood Johnson Foundation.** "Exploring racial disparities in home energy
services to shed new light on persistent housing inequity." (\$250,000, Co-PI, PI: Diana
Hernandez, Columbia University).
- 2021 **National Institutes of Health.** "Assessing the Neuropsychological Benefits of
Weatherization Programs." (\$646,000. Co-PI, PI: Carina Gronlund).

- 2020 **Department of Energy/Clean Energy States Alliance (CESA).** “Effective Knowledge Dissemination for LMI Solar: The Roles of CBOs and State Governments.” (\$1.1M. Co-PI, PI: Warren Leon, CESA)
- 2020 **State of Michigan Department of Environment, Great Lakes, and Energy.** “Expanding Stakeholder engagement on energy management.” (\$400,000. Co-PI, PI: Sarah Mills)
- 2020 **Energy Foundation.** “Creating an Equity Metrics Framework for Energy Efficiency.” (\$150,000. PI)
- 2020 **Sloan Foundation.** “Creating an Equity Metrics Framework for the Clean Energy Industry.” (\$80,000. PI)
- 2020 **National Science Foundation.** “SCC-IRG Track 1: Reducing Barriers to Residential Energy Security through an Integrated Case-management, Data-driven, Community-based Approach.” (\$2.1M. PI)
- 2020 **Michigan Department of Environment, Great Lakes & Energy (EGLE).** “Clean Energy for Low-Income Communities Accelerator (CELICA) in Michigan, Phase III.” (\$13,768. PI)
- 2020 **Walker-Miller Energy Services/Ameren Illinois Company.** “Diverse Customer Engagement in Clean Energy.” (\$62,548. PI)
- 2019 **Natural Resources Defense Council.** “Study on Energy Burdens and Evictions.” (\$14,727. PI)
- 2019 **National Institutes of Health.** “Evidence to improve heat warming effectiveness in reducing morbidity and mortality.” (\$663,000. Co-I, PI: Gregory Wellenius)
- 2018 **Harvard University/JPB Foundation.** “Exploring Associations between Temperature Exposure, Housing Quality, and Health During the Winter in Energy Poor Households.” (\$240,000. PI)
- 2018 **Alfred P. Sloan Foundation.** “Profiling Households in the Energy Efficiency Financing Doughnut Hole.” (\$57,524. PI)
- 2016 **Department of Energy/National Renewable Energy Lab.** “Unlocking Widespread Solar Adoption: Understanding Preferences of Low- to Moderate-Income Households to Create Scalable, Sustainable Models.” (\$1.3M. Co-PI, PI: Benjamin Sigrin, NREL)

Internal funding – University of Michigan

- 2025 **Graham Sustainability Institute Catalyst Grant.** “Community-driven reporting and responses to energy shutoffs.” (\$15,000. PI, Co-PI: Marie O’Neill and Justin Schott)
- 2025 **U-M Library Anti-Racist Digital Research Institute Award.** “Black Power: A Digital and Physical Collection of the African American Energy Experience.” (\$5,000. PI)
- 2021 **OVPR Anti-Racism Grants.** “Enhanced Energy Monitoring for Energy Justice in Detroit.” (\$50,000. Co-PI, PI: Johanna Mathieu)
- 2021 **Graham Sustainability Institute Carbon Neutrality Acceleration Program.** “Ensuring Equity in Electrified Space Heating.” (300,000. Co-PI, PI: Parth Vaishnav)
- 2019 **Graham Sustainability Institute Catalyst Grant.** “The Cumulative Economic Burden of Air Pollution Health Impacts and Energy Inefficiency under Different Energy Mix Scenarios in Southeast Michigan.” (\$10,000. Co-PI, PI: Carina Gronlund)
- 2019 **Poverty Solutions Initiative.** “Detroit Communities Reducing Energy and Water (D-CREW).” (\$50,000. Co-PI, PI: Marie O’Neill)

- 2019 **MICHR- Pathway to Independence Award.** “Assessing Respiratory, Cognitive, and Mental Health Benefits of Energy Efficiency Upgrades in Detroit, MI.” (\$75,000. Co-I, PI: Marie O’Neill)
- 2019 **Graham Sustainability Institute Catalyst Grant.** “Expanding renewable energy policy initiative.” (\$10,000. Co-PI w/Sarah Mills & Barry Rabe)
- 2019 **M- Cubed.** “Energy justice, housing and health in a changing climate.” (\$60,000. Co-PI w/Marie O’Neill & Carina Gronlund)
- 2018 **Poverty Solutions Initiative.** “Eliminating the Path to Energy Poverty: A Multi-State Analysis of Equity in Energy Efficiency Investments.” (\$20,000. PI)

AWARDS, FELLOWSHIPS AND RECOGNITIONS

- 2024 Michigan Chronicle Men of Excellence
- 2022 Jan Brinch Award for Collaboration in Public Service, National Council on Electricity Policy, National Association of Regulatory Utility Commissioners, [9/23/2022](#)
- 2020 Visiting Scholar, Kleinman Center for Energy Policy, University of Pennsylvania. [2020-2021](#)
- 2020 Michigan Clean Energy Leaders Project, Michigan Institute for Energy Innovation. [2020-2021](#)
- 2019 Midwest Energy News 40 under 40
- 2019 Grist.org 50 Fixers
- 2019 Oakland County Michigan Elite 40 under 40
- 2018 JPB Foundation Environmental Health Fellows Program. Harvard University, 2018-2021
- 2016 ECO:nomics Investing in the Future of Energy Fellow. Wall Street Journal, 2016
- 2013 Institute for Policy & Social Research Doctoral Research Fellow. U. of Kansas, 2013-2014
- 2011 National Science Foundation Integrative Graduate Education and Research Traineeship (IGERT) Climate Change Humans and Nature in the Global Environment (C-CHANGE) Fellowship. University of Kansas, 2011-2014
- 2009 Thomas Page & Barbara Kester Scholarship. University of Kansas, 2009-2011
- 2009 Myron D. Calkins Scholarship. American Public Works Association – Kansas City Metro Chapter, 2009-2011
- 2006 Maurine Allison O’Bannon Memorial Scholarship. Kansas State University, 2006-2007
- 2001 Dwight D. Eisenhower Transportation Fellow. NC A&T State University, 2001-2002
- 2000 Southeastern Transportation Center Scholar. NC A&T State University, 2000-2001

PROFESSIONAL SERVICE

Public Service

Federal Service

- 2023- Principal Deputy Director. Office of State and Community Energy Programs, U.S. Department of Energy.
- 2022- Deputy Director for Energy Justice. Office of Economic Impact and Diversity, U.S. Department of Energy. <https://www.energy.gov/articles/doe-welcomes-new-biden-harris-administration-appointees>
- 2021- Senior Advisor. Office of Economic Impact and Diversity, U.S. Department of Energy. <https://www.energy.gov/articles/doe-welcomes-new-biden-harris-appointees-0>

Expert Witness. 116th Congress, Subcommittee on Energy of the Committee on Energy and Commerce, October 1, 2020, hearing on "Generating Equity: Improving Clean Energy Access and Affordability." See https://energycommerce.house.gov/sites/democrats.energycommerce.house.gov/files/documents/Witness%20Testimony_10.01.20.Reames.pdf

State Appointments

Michigan Department of Environment, Great Lakes, and Energy, Advisory Council for Environmental Justice (MAC-EJ) – Vice Chair 2024-Present
Michigan Public Service Commission, Energy Waste Reduction Low Income Workgroup
Michigan Department of Environment, Great Lakes, and Energy, Governor’s Climate Justice Braintrust
Michigan Department of Health and Human Services, Weatherization Policy Advisory Committee

Local Government

City of Detroit, Housing Efficiency Working Group
Green Task Force, Detroit Climate Action Committee, Housing and Neighborhoods Subgroup

Nonprofit Appointments

Environmental Defense Fund (EDF), Board of Directors (2025-Present)
Clean Energy States Alliance (CESA)
Powerlines, Advisory Board (2024-Present)
Solar Stewards, Advisory Board
Green Home Institute, Board of Directors, Vice President (2021)
Ecology Center, Board of Directors, Secretary (2021)
Institute for Energy Innovation (IEI), Board of Directors

Reviewer

Journal (number of papers): Applied Energy (1); Elementa: Science of the Anthropocene (1); Energy Efficiency (1); Energy Policy (4); Energy Research & Social Science (6); International Journal of Environmental Research and Public Health (1); Journal of Community Practice (1); Nature Energy (1); Resources, Conservation & Recycling (2); Review of Policy Research (1); Sociological Forum (1); Sustainability (3)

Sustainability Topic Editor Board

State and Local Government Review Editorial Board (January 1, 2021 to December 31, 2023)
Health Affairs Health Equity Advisory Committee (April 1, 2021 to March 31, 2023)

Grants:

2021 Sloan/NBER project “Distributional Consequences of New Energy Technologies and Policies.” (for Catie Hausman, U of Michigan and Arik Levinson, Georgetown U.)
2021 Graham Sustainability Institute Carbon Neutrality Acceleration Program Faculty Grant, University of Michigan
2019 Poverty Solutions Faculty Development Grant, University of Michigan
2018 Poverty Solutions 2019 Faculty Grants Competition, University of Michigan

- 2017 NC Sea Grant, North Carolina State University
 2016 Graham Sustainability Institute Catalyst Grants, University of Michigan

Professional Meetings:

- 2020 Association for Public Policy Analysis and Management (APPAM). 2020 APPAM International Conference. Toronto, Canada
 2019 Public Management Research Conference. University of North Carolina- Chapel Hill, 2019

Organizing Professional Meetings:

- 2019 Conference on Reducing Energy Poverty. Collaboration with the Michigan Public Service Commission Energy Waste Reduction Low-Income Workgroup. University of Michigan (January 24, 2019)
 2018 Just Transitions Initiative Conference. Edinburgh, Scotland, 2019

University Service – University of Michigan

University Library Advisory Council

School for Environment & Sustainability: *PhD Admissions Committee (2019-)*
Detroit Initiative Committee (2019-)
Masters Project Task Force (2019)
Scholarship Committee (2018)

Faculty Advisor: *GRID Alternatives Students for Sustainable Energy*
People of the Global Majority for the Environment (PGMent)

Professional Affiliations

American Political Science Association
 Association for Public Policy Analysis and Management
 American Society of Civil Engineers
 American Society for Public Administration
 Consortium of Environmental Philosophers
 Domicology Network, Michigan State University
 Scholars Strategy Network
 Urban Affairs Association
 U.S. Green Building Council
 University of Michigan: *Center for Sustainable Systems*
Center for Local, State and Urban Policy (CLOSUP)
Detroit Community-Academic Urban Research Center (Detroit-URC)
Energy Institute
Graham Sustainability Institute
Poverty Solutions Initiative
Science, Technology, and Public Policy (STPP) Program
Heatwaves, Housing, and Health (HHH) Partnership

CERTIFICATIONS & SKILLS

Certifications: 2015- Diversity, Equity, and Inclusion Certificate, University of Michigan
 2013- Graduate Certificate in Environmental Studies, University of Kansas

2009- Professional Engineering License (PE), Missouri Registration
2002- Waste Management Certification, NC Agricultural and Technical State University

Software: ArcMap; STATA; ATLAS.ti; Qualtrics; Microsoft Products; Google Products

PUBLICATIONS

Journal Articles

****Advisees***

29. Bednar, D. J., & **Reames, T. G.** (2023). Fleeting energy protections: State and utility level policy responses to energy poverty in the United States during COVID-19. *Energy Research & Social Science*, 99, 103045. <https://doi.org/10.1016/j.erss.2023.103045>
28. Elmallah, S., **Reames, T. G.**, & Spurlock, C. A. (2022). Frontlining energy justice: Visioning principles for energy transitions from community-based organizations in the United States. *Energy Research & Social Science*, 94, 102855. <https://doi.org/10.1016/j.erss.2022.102855>
27. Heleno, M., Sigrin, B., Popovich, N., Heeter, J., Figueroa, A. J., Reiner, M., & **Reames, T.** (2022). Optimizing equity in energy policy interventions: A quantitative decision-support framework for energy justice. *Applied Energy*, 325, 119771. <https://doi.org/10.1016/j.apenergy.2022.119771>
26. Spurlock, C. A., Elmallah, S., & **Reames, T. G.** (2022). Equitable deep decarbonization: A framework to facilitate energy justice-based multidisciplinary modeling. *Energy Research & Social Science*, 92, 102808. <https://doi.org/10.1016/j.erss.2022.102808>
25. Heeter, J., & **Reames, T.** (2022). Incorporating energy justice into utility-scale photovoltaic deployment: A policy framework. *Renewable Energy Focus*, 42, 1-7. <https://doi.org/10.1016/j.ref.2022.04.003>
24. Gronlund, C.J., Ketenci, K.C., **Reames, T.G.**, Larson, P.S., Schott, J., Rowe, Z., Jenkins, Q.S., Sanca, M.O., Tournat, T., Sol, K., Williams, D.A., Gijssbers, E., and O'Neill, M.S. (2021). Indoor apparent temperature, cognition, and daytime sleepiness among low-income adults in a temperate climate. *Indoor Air*. <https://doi.org/10.1111/ina.12972>
23. Goldstein, B., **Reames, T.G.** & Newell, J. (2021). Racial inequities in household energy efficiency and carbon emissions in the United States: An emissions paradox. *Energy Research and Social Science*. 84, 102365. <https://doi.org/10.1016/j.erss.2021.102365>
22. **Farthing, A.**, Craig, M., & **Reames, T.** (2021). Optimizing Solar-Plus-Storage Deployment on Public Buildings for Climate, Health, Resilience, and Energy Bill Benefits. *Environmental Science & Technology*. <https://doi.org/10.1021/acs.est.1c02955>
21. **Reames, T. G.**, & Wright, N. S. (2021). The Three E's Revisited: How Do Community-Based Organizations Define Sustainable Communities and Their Role in Pursuit of?. *Sustainability*, 13(16), 8825. <https://doi.org/10.3390/su13168825>
20. **Reames, T. G.** (2021). Exploring Residential Rooftop Solar Potential in the United States by Race and Ethnicity. *Frontiers in Sustainable Cities*, 3, 48. <https://doi.org/10.3389/frsc.2021.666411>

19. **Reames, T.G.**, Daley, D.M., & Pierce, J.C. (2021). Exploring the Nexus of Energy Burden, Social Capital, and Environmental Quality in Shaping Health in US Counties. *Int. J. Environ. Res. Public Health* 18, no. 2: 620. <https://doi.org/10.3390/ijerph18020620>
18. **Zimmerman, M.** & **Reames, T.G.** (2021). Where the Wind Blows: Exploring Barriers and Opportunities to Renewable Energy Development on United States Tribal Lands. *Energy Research and Social Science*, 71, 101874. <https://doi.org/10.1016/j.erss.2020.101874>
17. **Raissi, S.**, & **Reames, T. G.** (2020). “If we had a little more flexibility.” perceptions of programmatic challenges and opportunities implementing government-funded low-income energy efficiency programs. *Energy Policy*, 147, 111880. <https://doi.org/10.1016/j.enpol.2020.111880>
16. Wright, N. S., & **Reames, T.G.** (2020). Unraveling the Links between Organizational Factors and Perceptions of Community Sustainability Performance: An Empirical Investigation of Community-Based Nongovernmental Organizations. *Sustainability*, 12(12), 4986. <https://doi.org/10.3390/su12124986>
15. **Reames, T. G.** (2020). Distributional disparities in residential rooftop solar potential and penetration in four cities in the United States. *Energy Research & Social Science*, 69, 101612. <https://doi.org/10.1016/j.erss.2020.101612>
14. **Reames, T.G.** Blackmar, J. M., & Pierce, J.C. (2020). Teaching the Three E’s of Sustainability through Service-Learning in a Professional Program. *New Directions for Teaching and Learning*. <https://doi.org/10.1002/tl.20374>
13. **Bednar, D.J.**, & **Reames, T.G.** (2020). Recognition of and response to energy poverty in the United States. *Nature Energy*. <https://doi.org/10.1038/s41560-020-0582-0>
12. Jenkins, K., Stephens J., **Reames, T.G.**, and Hernandez, D. (2020). “Enhancing an impactful agenda for energy justice research.” *Energy Research and Social Science*. 67, 101510. <https://doi.org/10.1016/j.erss.2020.101510>
11. Forrester, S. & **Reames, T.G.** (2020). “Understanding the residential energy efficiency coverage gap and market potential for alternative financing.” *Applied Energy*. 260, 114307. <https://doi.org/10.1016/j.apenergy.2019.114307>
10. Ziegler, T.B., Coombe, C.M., Rowe, Z.E., Clark, S.J., Gronlund, C.J., Lee, M., Palacios, A., Larsen, L.S., **Reames, T.G.**, Schott, J., Williams, G.O. & O’Neill, M. (2019). Shifting from “Community-Placed” to “Community-Based” Research to Advance Health Equity: A Case Study of the Heatwaves, Housing, and Health: Increasing Climate Resiliency in Detroit (HHH) Partnership. *International Journal of Environmental Research and Public Health*, 16(18), 3310. <https://doi.org/10.3390/ijerph16183310>
9. **Sanchez, L.**, & **Reames, T. G.** (2019). Cooling Detroit: A socio-spatial analysis of equity in green roofs as an urban heat island mitigation strategy. *Urban Forestry & Urban Greening*, 44, 126331. <https://doi.org/10.1016/j.ufug.2019.04.014>
8. Fortier, M. O. P., Teron, L., **Reames, T. G.**, Munardy, D. T., & Sullivan, B. M. (2019). Introduction to evaluating energy justice across the life cycle: A social life cycle assessment approach. *Applied energy*, 236, 211-219. <https://doi.org/10.1016/j.apenergy.2018.11.022>

7. **Reames, T. G.**, & Bravo, M. A. (2019). People, place and pollution: Investigating relationships between air quality perceptions, health concerns, exposure, and individual-and area-level characteristics. *Environment international*, 122, 244-255.
<https://doi.org/10.1016/j.envint.2018.11.013>
6. Chang, C. Y. A., Gao, Z., Kaminsky, A., & **Reames, T. G.** (2018). Michigan Sustainability Case: Revisiting the Three Gorges Dam: Should China Continue to Build Dams on the Yangtze River? *Sustainability: The Journal of Record*, 11(5), 204-215.
<https://doi.org/10.1089/sus.2018.29141.cyac>
5. **Reames, T. G.**, Reiner, M. A., & Stacey, M. B. (2018). An incandescent truth: Disparities in energy-efficient lighting availability and prices in an urban US county. *Applied energy*, 218, 95-103. <https://doi.org/10.1016/j.apenergy.2018.02.143>
4. **Bednar, D. J.**, **Reames, T. G.**, & Keoleian, G. A. (2017). The intersection of energy and justice: Modeling the spatial, racial/ethnic and socioeconomic patterns of urban residential heating consumption and efficiency in Detroit, Michigan. *Energy and Buildings*, 143, 25-34.
<https://doi.org/10.1016/j.enbuild.2017.03.028>
3. **Reames, T. G.** (2016). Targeting energy justice: Exploring spatial, racial/ethnic and socioeconomic disparities in urban residential heating energy efficiency. *Energy Policy*, 97, 549-558. <https://doi.org/10.1016/j.enpol.2016.07.048>
2. **Reames, T. G.** (2016). A community-based approach to low-income residential energy efficiency participation barriers. *Local Environment*, 21(12), 1449-1466.
<https://doi.org/10.1080/13549839.2015.1136995>
1. Pierce, J., Lovrich, N., Johnson, B., **Reames, T.**, & Budd, W. (2014). Social capital and longitudinal change in sustainability plans and policies: Us cities from 2000 to 2010. *Sustainability*, 6(1), 136-157. <https://doi.org/10.3390/su6010136>

Edited Volumes, Chapters and Special Issues

Sidortsov, R and **Reames, T.G.** (forthcoming) *Handbook on Energy Security*. Routledge.

Bouzarvski, S., Fuller, S. and **Reames, T.G.** (2023) *Handbook on Energy Justice*. Elgar.
<https://www.e-elgar.com/shop/usd/handbook-on-energy-justice-9781839102950.html>

White-Newsome, J., and **Reames, T.G.** (2021) Special Issue on Redefining Resilience and Equity in the Time of Climate Change. *Environmental Justice*.
<https://www.liebertpub.com/doi/full/10.1089/env.2020.29002.cfp>

Jackson, A., Martin, C., **Reames, T.G.**, and Van Zandt, S. (2021) Special Issue on Housing Policy and Climate Change. *Housing Policy Debate*. <https://think.taylorandfrancis.com/housing-policy-and-climate-change-housing-policy-debate/>

Wright, N.S. & **Reames, T.G.** (2021). The Role of Community Action Agencies in Facilitating Successful Sustainable Development in American Cities. In K. Leroux & N.S. Wright (Eds.), *Performance and Public Value in the ‘Hollow State’: Assessing Government–Nonprofit Partnerships*.

Daley, D. and **Reames, T.** (2015). Public participation and environmental justice: Access to federal decision-making. In editor Konisky, David, *Failed Promises: Evaluating the Federal Government’s Response to Environmental Justice*. MIT Press.

Eckerd, A. and **Reames, T.** (2012). Urban renaissance or invasion: Planning the development of a simulation model of gentrification. In editor Desai, Anand, *Simulations for Policy Inquiry*. New York: Springer. 83-100.

Reports and Other Publications

w/ Walker-Miller Energy Services (2021). EMPOWERED. Diverse Business Development and Customer Engagement in Energy Efficiency (a report for Ameren Illinois Company). Walker-Miller Energy Services: Detroit, MI.

Reames, T. G. (2020). A call for authentic Black engagement in the academy and beyond. *Nature Human Behaviour*, 1-1. <https://www.nature.com/articles/s41562-020-00984-8>

w/ Clean Energy States Alliance (2019). [Solar with Justice: Strategies for Powering Up Under-Resources Communities and Growing an Inclusive Solar Market](#). Clean Energy States Alliance: Montpelier, VT.

Reames, T. G. (2019). [Addressing Equity with State-level Residential Solar Energy Policies](#). Center for Local, State, and Urban Policy: Ann Arbor, MI.

Reames, T.G., Stacey, M.B., & Zimmerman, M. (2019). [A Multi-State Analysis of Equity in Utility- Sponsored Energy Efficiency Investments for Residential Electric Customers](#). Urban Energy Justice Lab and UM Poverty Solutions: Ann Arbor, MI.

Kay, C., Markley, K., Sahai, M., Askew-Merwin, C., Rockowitz, D., & **Reames, T.G.** (2018). [Household water security in metropolitan Detroit: Measuring the affordability gap](#). Urban Energy Justice Lab and UM Poverty Solutions: Ann Arbor, MI.

Stacey, M.B. & **Reames, T.G.** (2017). [Social Equity in State Energy Policy: Indicators for Michigan’s Energy Efficiency Programs](#). Urban Energy Justice Lab: Ann Arbor, MI.

Reames, T.G. (2017). [Improving the effectiveness of federal energy assistance for low-income households](#). Scholars Strategy Network.

Reames, T. (2013). [Environmental impacts of urbanization: Policy implications for local warming in Nuuk, Greenland](#). In editor Hansen, Klaus, Rasmus Ole Rasmussen and Ryan Weber, *Proceedings from the First International Conference on Urbanisation in the Arctic 28-30 August 2012*. Nordregio.

MEDIA COVERAGE OF RESEARCH AND WORK

2024 [Federal energy grants aid to nonprofits helps people in need](#). KUAC, Tim Ellis. January 3, 2024.

2023 [Associate Professor Tony Reames Returns to U-M SEAS to Lead Detroit Sustainability Clinic](#). Michigan Chronicle, Lynzee Mychael. December 28, 2023.

2023 [Advocates Question Biden Administration’s Promises to Address Environmental Injustices While Supporting Fossil Fuel Projects](#). Inside Climate News, Aman Azhar. November 2, 2023.

2023 [RECESS Summit Concludes with a Focus on Clean Energy, Policy, and Community](#). Michigan Chronicle, Lynzee Mychael. November 2, 2023.

2023 [Introducing DOE’s Office of Energy Justice Policy and Analysis](#). US Department of Energy Newsletter. June 27, 2023.

- 2023 [How Biden’s environmental justice plan is changing DOE](#). E&E News, Brian Dabbs. March 31, 2023
- 2023 [Dr. Tony Reames wants you to know the Energy Department is serious about equity](#). Energy News Network, Audrey Henderson. March 28, 2023.
- 2023 [Dr. Tony Reames: Remaining Optimistic About Energy Justice](#). NC Sustainable Energy Association, Jessica Reid. February 24, 2023.
- 2022 [CEOs on ESG: Tony Reames](#). Public Utilities Fortnightly. November 15, 2022.
- 2022 [Dr. Tony G. Reames Honored with National Council on Electricity Policy Brinch Award for Collaboration in Public Service](#). NARUC Press Release. September 23, 2022.
- 2022 [U-M releases national framework to measure energy equity](#). The University Record, Denise Spranger. August 22, 2022.
- 2022 [Presidential energy appointee works to ensure climate change initiatives are equitable, just, and fair](#). US Black Engineer, Gale Horton Gay. August 2, 2022.
- 2022 [DOE shuffles clean energy, EJ staff](#). E&E News, Christian Vasquez. July 15, 2022.
- 2022 [Energy Department to Flex \\$62 Billion Funding Muscle on Equity](#). Bloomberg Law, Daniel Moore. January 28, 2022.
- 2021 [Black and Latino neighborhoods pay more for energy despite far lower emissions](#). Grist, Adam Mahoney. December 2, 2021.
- 2021 [White households in US emit most carbon despite greater energy efficiency](#). Michigan News, Jim Erickson. November 22, 2021.
- 2021 [Offshore wind is America’s new industry. Who will build it?](#) E&E News, Benjamin Storrow & Miriam Wasser. October 13, 2021.
- 2021 [University of Michigan offering residents \\$200 to participate in home heating study](#). MLive, Ryan Stanton. September 27, 2021.
- 2021 [Energy equity depends on data, and experts say there isn't enough of it](#). Utility Drive, Robert Walton. July 8, 2021.
- 2021 [Issues of The Environment: Addressing Energy Poverty And Finding Sustainable Solutions](#). WEMU, David Fair. July 7, 2021.
- 2021 [‘That’s Violence’ — Corporations Can Turn Off Electricity For Past-Due Bills Starting Tuesday In Texas](#). Houston Public Radio, Dominic Anthony Walsh. June 29, 2021.
- 2021 [The White House Wants To Fight Climate Change And Help People. Cleveland Led The Way](#). NPR, Dan Charles. June 22, 2021.
- 2021 [Tackling 'Energy Justice' Requires Better Data. These Researchers Are On It](#). NPR, Jeff Brady. June 13, 2021.
- 2021 [Electricity Disconnections To Resume In Texas As Summer Heat Arrives](#). Texas Public Radio, Dominic Anthony Walsh. June 11, 2021.
- 2021 [Cleveland - What Climate Equity Could Look Like](#). NPR, Dan Charles. June 9, 2021.
- 2021 [Michigan utilities should prioritize public health inequities in retirement plans, regulator says](#). Energy News Network (Planet Detroit), Nina Ignaczak. May 12, 2021.
- 2021 [Dr. Tony Reames is Working to Eliminate Energy Poverty](#). Ebony Magazine, Monique Wingard. April 27, 2021.
- 2021 [U-M’s partnerships, initiatives in Detroit on the rise during pandemic](#). Michigan News, Greta Guest. March 8, 2021.
- 2021 [Texas’ blackouts may come at a steep cost](#). The Verge, Justine Calma. February 19, 2021.

- 2021 [Out in the cold: Pandemic leaves more people in need of energy assistance, but also harder to reach](#). Sahan Journal, Andrew Hazzard. February 16, 2021.
- 2021 [Ann Arbor using grant funds to launch new program to help low-income seniors](#). MLive, Ryan Stanton. January 25, 2021.
- 2020 [MPSC December Meeting: Neighborhood-Level Equity and Energy](#). The Handbuilt City, by Nat Zorach. December 5, 2020.
- 2020 [Today we're officially out of the Paris Agreement. Now what?](#) Centered, by Katie Pyzyk. November 4, 2020.
- 2020 [“Born for This”: Meet the First Black Woman to Launch a Community Solar Company](#). Vogue, by Yessenia Funes. October 27, 2020.
- 2020 [Profiles in the fight for environmental justice: Dr. Tony Reames](#). Planet Detroit, by Biba Adams. October 15, 2020.
- 2020 [Report: Low-Income City Residents Face High Energy Burden](#). U.S. News, by Elliott Davis. September 10, 2020.
- 2020 [This prof is shedding light on energy injustice — and how to fix it](#). Grist, by Adrienne Day. July 30, 2020.
- 2020 [Clean energy programs can help address some racial disparities, advocates say](#). Energy News Network, by Kathiann M. Kowalski. July 2, 2020.
- 2020 [Racial disparities persist in electric service. Is ‘willful blindness’ to blame?](#) Energy News Network, by Kathiann M. Kowalski. July 1, 2020.
- 2020 [Fighting climate change isn’t just an environmental issue — it’s a social justice issue too](#). The Rising, by Emily Dao. June 4, 2020.
- 2020 [DTE, Consumers report on shutoffs, actions to protect vulnerable customers under MPSC order](#). Planet Detroit, by Jena Brooker & Nina Ignaczak. May 1, 2020.
- 2020 [Michigan environmental justice council to take on energy access and pollution](#). Energy News Network, by Andy Balaskovitz. February 10, 2020.
- 2019 [Neighborhoods With More People of Color Pay Higher Energy Bills](#). City Lab, by Brentin Mock. November 25, 2019.
- 2019 [San Jose Becomes the Largest City in the US to Ban New Natural Gas Lines](#). Earther, by Yessenia Funes. September 19, 2019.
- 2019 [Climate Resilience on Detroit’s East Side](#). Belt Magazine, by Nina Misuraca Ignaczak. September 13, 2019.
- 2019 [In Detroit, a legacy of inequality creates obstacles to clean energy](#). Energy News Network, by Biba Adams. May 29, 2019.
- 2019 [Energy revolution must give low-income communities better access to affordable technologies](#). The Energy Mix. May 28, 2019.
- 2019 [Why Low-Income Households Need to Be Part of the Clean Energy Revolution](#). Yale Environment 360, by Katherine Bagley. May 16, 2019.
- 2019 [A Look at Climate Change and Why Black People Will Be Among Those Hardest Hit](#). BlacDetroit, by Paris Giles. May 1, 2019.
- 2018 [Energy access is not created equal. This Ann Arbor organization is trying to change that](#). Concentrate Magazine, by Jaishree Drepaul-Bruder. October 31, 2018.
- 2018 [Applications for energy assistance to be open all year starting Oct. 1](#). Michigan News, by Maya Goldman. September 28, 2018.
- 2018 [Energy-Efficient Light Bulbs Harder to Find, More Expensive in High-Poverty Neighborhoods](#). Greentech Media, by Justin Gerdes. May 21, 2018.

- 2018 [Going green is harder for Detroit’s low-income communities](#). Grist.com, by Greta Jocham. May 9, 2018.
- 2018 [Access to energy-efficient lighting varies with poverty levels](#). The University Record, by Jim Erickson. April 11, 2018.
- 2017 [Wealthy benefit most from Michigan’s energy savings plans, study finds](#). Bridge Magazine, by Andy Balaskovitz. December 14, 2017.
- 2017 [In Michigan, study shows utility energy savings mostly benefit wealthier customers](#). Midwest Energy News, by Andy Balaskovitz. December 13, 2017.
- 2017 [How the Urban Energy Justice Lab is opening new households to LIHEAP, Weatherization, and energy assistance help](#). LIHEAP.org, by Jake Brown. October 31, 2017.
- 2016 [How Detroit’s Climate Change Activists are Using Science to Plan for a Warmer City](#). ModelDMedia.com, by Nina Ignaczak. October 31, 2016.
- 2015 [The EPA has a plan to protect vulnerable communities. Will it work?](#) Grist.org, by Brentin Mock. April 27, 2015.

Podcasts/Audio

- 2021 *Energy Policy Now Podcast*: [Combatting Energy Poverty in the U.S.](#) University of Pennsylvania Kleinman Center for Energy Policy, Andy Stone. April 20, 2021
- 2021 *Resources Radio*: [Defining, Measuring, and Addressing Energy Poverty, with Tony Reames](#). Resources for the Future, Daniel Raimi. January 19, 2021
- 2020 *S&P Podcast*: [Energy sector grapples with growing environmental justice movement](#). S&P Global, Allison Good. August 17, 2020
- 2020 *Political Climate*: [Fighting Energy Injustice and Coronavirus in African American Communities](#). Greentech Media, Julia Pyper. April 30, 2020
- 2019 [Energy-efficient LED bulbs often cost more in poor neighborhoods](#). Yale Climate Connections, Sarah Kennedy.
- 2017 *No Jargon*: [Episode 91: Heat or Eat](#). Scholars Strategy Network, Avi Green.
- 2016 *It’s Hot in Here*: [City Limits to Climate Change: Climate Justice from Neighborhoods to Negotiations](#). WCBN-FM Ann Arbor.

Video

- 2021 [19th Peter M. Wege Lecture Featuring: Gina McCarthy moderated by Tony Reames](#). Oct. 14, 2021.
- 2021 [Darshan Karwat & Tony Reames: A conversation about sustainability, social justice & public policy](#). University Michigan Ford School.
- 2020 [Fastest Path to Zero, September 29: Climate, Clean Energy and Jobs](#). Third Way
- 2020 [Spatial, Racial & Socioeconomic Disparities in Residential Energy Efficiency with Tony Reames](#). Irving Institute.
- 2020 [How do ensure everyone has access to net-zero homes?](#) Net Zero for All! - MINZE Conference 2020. Green Home Institute.
- 2020 [Green Reparations & The Green Economy](#). The Marnese Live Talk Show. September 29, 2020
- 2020 [Two Studies Offer New Insights into Low-to-Moderate Income Solar Adoption](#). NREL.
- 2020 [Webinar: Tackling Energy Poverty – Domestic and International Strategies, Challenges and Insights](#). Carnegie Mellon University's Scott Institute for Energy Innovation.

- 2020 [Issues Of The Environment: The Relationship Between Environmental Justice And Winter Health](#). WEMU, by David Fair.
- 2019 [The science and controversy behind your lightbulbs](#). Verge Science.
- 2019 [Exploring Residential Energy \(In\)Justice Across Race, Class, and Place](#). UC Davis Energy.
- 2019 [iSEE Congress 2019 — Panel 3. Climate Justice](#). Institute for Sustainability, Energy, and Environment at the University of Illinois
- 2019 [Sustainable Ann Arbor Forum | Race and Class Equity in Washtenaw County](#). Ann Arbor District Library.
- 2019 [Planet Blue Spotlight with Tony Reames](#). University of Michigan Planet Blue
- 2018 [Dr Tony Reames seminar for MUI and UoM Geography](#). University of Manchester
- 2016 [Tony Reames](#). University of Michigan School for Environment & Sustainability.

TEACHING EXPERIENCE

<i>University of Michigan:</i>	EAS 525 Energy Justice EAS 605/BA 605/Arch 527 Green Development
<i>University of Kansas:</i>	PUAD 825 Urban Policy and Administration PUAD 694 Sustainability and Civic Engagement
<i>University of Missouri-Kansas City:</i>	MIL-SCI 116 Foundations of Leadership MIL-SCI 126 Leadership Theory and Decision Making MIL-SCI 216 Individual Leadership MIL-SCI 226 Leadership and Teamwork

STUDENT SUPERVISION

Ph.D. (Chair)

- 2024-Current Olivia David (co-chair with Sara Hughes)
- 2021-Current Madeline Walker Miller
- 2025 Karl Hoesch. *Scales of Solar: Balancing Benefits, Participation and Access in the Energy Transition*.
- 2021 Dominic Bednar. *Towards Energy Justice: A Multidimensional Analysis of Energy Poverty Recognition and Responses in the United States*

Ph.D. (Committee Member)

- 2024 Uthman Olagoke, (Chairs: Sita Sayal & Shanna Daly, U-M College of Engineering).
- 2024 Xavier Farrell, (Chair: Johanna Mathieu, U-M College of Engineering).
- 2020 Lixi Liu. (Chair: Greg Keoleian, U-M SEAS). *Improving Building Sustainability: Lighting Life Cycle Optimization and Management, and HVAC Demand Response*

Master's Thesis (Chair)

- 2021 Gabriel Gadsden. *Exploring Generational Differences in Black Knowledge and Perceptions of Houseplants*
- 2021 Amanda Farthing (co-chaired with w/Michael Craig). *Beyond the Energy Bill: Integrating Climate, Health, and Resilience into Solar+Storage Valuation*
- 2020 Sacha-Rose Phillips. *To Surveil or to Sustain: Perceptions of Smart Meters in Rural Jamaica*

- 2018 Lino Sanchez. *Cooling Detroit: A Socio-Spatial Analysis of Equity in Green Roofs as an Urban Heat Island Mitigation Strategy*
- 2018 Shiva RaissiCharmakani. *A Programmatic Assessment of the U.S. Department of Energy Low-Income Weatherization Assistance Program*
- 2016 Dominic Bednar. *The Intersection of Energy and Justice: Exploring the Spatial, Racial, and Socioeconomic Patterns of Residential Heating Affordability, Consumption and Efficiency in Wayne County, Michigan*

Master's Thesis (Committee Member)

- 2019 Eloise Reid. *Overpriced and Underwater: Green Gentrification in Gentilly, New Orleans*

Master's Project and Practicum

- 2026 Bibi Macias, John Blake, Melissa Lewis, & Zoë Bishop, *National Roadmap to Ending Utility Shutoffs*
- 2021 Amber George, Maegan Muir, Meghan Oesterle and James Pew. *Eco Works Resilience Hubs*
- 2021 Kate Hutchins. *Survey of Energy Insecurity in Detroit and Michigan's Upper Peninsula*
- 2020 Matt Haugen, Kanchan Swaroop, Sydney Troost, Samantha VanDyke, and Sabrina Vivian. *Building Energy Democracy into City Commitments for 100% Renewable Energy*
- 2018 Eric Krostich. *Energy Efficiency in the Built Environment: Using Three Project-Based Strategies to Make Real-World Impact*
- 2018 Nalin Bhatai. *Design of a Cost-effective, Modular, and Energy-efficient Home*
- 2018 Cailin Buchanan, Tyler Fitch, Benny Jeong, and Anna Lenhart. (Dow Sustainability Fellows) *Get Free: Understanding the potential for Community Solar Power in Highland Park*
- 2018 Christopher Askew-Merwin, Cria Kay, Kely Markley, Dahlia Rockowitz, and Malavika Sahai. *Roadmap to Water Security*
- 2017 Reema Abi-Akar, Gabriel Jones, and Yi Tang. *An Analysis of Waste Management and Zero Waste in Detroit, Michigan* (co-advised w/Greg Keoleian)
- 2016 Brian La Shier, Junhong Liang, Chayatach Pasawongse, Gianna Petito, and Whitney Smith. *Improving Institutional Access to Clean Energy Incentives through Research and Education* (co-advised w/Paul Mohai)

Undergraduate Honor's Thesis and Practicum

- 2026 Andrew van Baal. *Utility Energy Equity Decision-Making Toolkit Practicum*
- 2020 Ashley Mark. *Helping David Defeat Goliath: Coalition Building to Achieve Procedural Justice in Utility Integrated Resource Planning*
- 2020 Michael Zimmerman. *Overcoming Barriers to Wind Energy Development: A Case Study Analysis of Native American Projects*
- 2019 Nicholas Simon. *Policy Proposal for Low- to Moderate-Income (LMI) Community Solar Programs in the American Sunbelt Region*

PRESENTATIONS

Conferences

- 2025 Association of American Geographers Annual Meeting March 24-28, 2025, *Panel Chair: Harnessing Community Power: Exploring Community-Based Approaches to Energy Justice*
- 2025 Association of American Geographers Annual Meeting March 24-28, 2025, *Energy Geographies Futures & Directions* panelist
- 2021 NSF Smart & Connected Communities PI Conference April 7-9, 2021. “Reducing Barriers to Residential Energy Security through an Integrated Case-management, Data-driven, Community-based approach.” Virtual Poster Session, Food, Energy, Water.
- 2020 Ross Energy Week University of Michigan, Virtual November 16-20, 2020, Energy justice panel
- 2020 Residential Net Zero Energy Conference. October 20-22, 2020. Housing & Energy Equity. Virtual
- 2020 15th Annual Michigan Forum on Economic Regulatory Policy. “*Panel -Michigan Poverty Taskforce: How energy services and programs can address poverty in Michigan.*” Institute of Public Utilities, Michigan State University, East Lansing, MI (February 21, 2020).
- 2020 Michigan University-Wide Sustainability & Environment (MUSE) Conference 2020 (w/ Sabrina Vivian, Matt Haugen, Kanchan Swaroop, Sydney Troost, and Samantha VanDyke). “*Mapping Pathways of City Commitments to 100% Renewable Energy.*” University of Michigan, Ann Arbor, MI. (February 20-22, 2020).
- 2019 7th Annual HBCU Climate Change Conference. “*Energy Justice in an Era of Climate Change Concern.*” New Orleans, LA (November 13-16, 2019).
- 2019 iSEE Congress. “*The Intersection of Energy & Climate Justice: Spatial, Racial, and Socioeconomic Disparities in Mitigation and Adaptation Strategies.*” University of Illinois at Urbana-Champaign. (September 24-25, 2019).
- 2019 2nd International Conference on Energy Research and Social Science (w/Dominic Bednar). “*Assessing the spatial and temporal dimensions of U.S. household energy deprivation: Constructing a multidimensional energy vulnerability index.*” Arizona State University (May 28-31, 2019).
- 2019 2nd International Conference on Energy Research and Social Science (w/Sabrina Vivian). “*Solar for all: evaluating and guiding implementation of a low-income solar program.*” Arizona State University (May 28-31, 2019).
- 2019 2nd International Conference on Energy Research and Social Science (w/Sydney Forrester). “*Understanding the Residential Energy Efficiency Coverage Gap and Market Potential for Alternative Financing.*” Arizona State University (May 28-31, 2019).
- 2019 4th Annual Network of Early Career Researchers in Sustainability Transitions (NEST) Conference (w/ Sabrina Vivian). “*Solar for All: Evaluating and Guiding a Low-Income Solar Program.*” Lisbon, Portugal (April 4-5, 2019).
- 2019 Urban Affairs Association Conference. “*American Residential Energy Inequities Across Race, Class and Place.*” Los Angeles, CA (April 24-27, 2019).
- 2019 Urban Affairs Association Conference (w/ Dominic Bednar). “*Assessing the Spatial and Temporal Dimensions of U.S. Household Energy Deprivation: Constructing a Multidimensional Energy Vulnerability Index.*” Los Angeles, CA (April 24-27, 2019).
- 2018 Public Health Flint Task Force Water Summit. University of Michigan. “*Household Water Security in Metropolitan Detroit.*” October 2, 2018.

- 2018 Energy Policy Research Conference (w/ Ben Stacey). *“A Multi-State Analysis of Equity in Energy Efficiency Investments.”* Boise, ID (September 6-7, 2018).
- 2018 Energy Policy Research Conference (w/ Sydney Forrester). *“Profiling Households in the Energy Efficiency Doughnut Hole.”* Boise, ID (September 6-7, 2018).
- 2018 American Society for Public Administration (w/ Shiva Raissicharmakani). *“Overcoming Barriers to Energy Justice: How Policy and Practice Nuances Help Community Action Agencies Implement Low-Income Weatherization.”* Denver, CO (March 9-13, 2018).
- 2017 Environmental Justice in the Anthropocene Symposium (w/ Ben Stacey & Michael Reiner). Colorado State University. *“Just Bulbs: Exploring the Spatial, Racial, and Socioeconomic Disparities in Urban Energy Efficiency Access and Affordability.”* April 24-25, 2017.
- 2017 Urban Affairs Association Conference. *“Green Cures for Urban Ills: Environmental Sustainability and Community Change.”* Minneapolis, MN (April 19-22, 2017).
- 2017 1st International Conference on Energy Research and Social Science (w/Michael Reiner & Ben Stacey). *“The Incandescent Truth: Socioeconomic Disparities in Energy Efficient Technology Access and Affordability.”* Melia Sitges, Spain (April 2-5 2017).
- 2017 1st International Conference on Energy Research and Social Science (w/Dominic Bednar). *“The intersection of Energy and Justice: Exploring the spatial, racial and socioeconomic patterns of residential heating affordability, consumption and efficiency in Wayne County, Michigan.”* Melia Sitges, Spain (April 2-5 2017).
- 2016 Workshop on New Directions in the Analysis of Environmental Justice. Duke University. *“Exploring Energy (In)Justice: Issues of Affordability, Efficiency & Community.”* August 22-24, 2016.
- 2016 Policy History Conference. *“From Oil Crisis to Economic Crisis: 40 Years of American Energy Conservation and Assistance.”* Nashville, TN (June 1-4, 2016).
- 2016 Urban Affairs Association Conference. *“‘I Can’t Breathe’- Race, Class, Place and Disparities in Air Quality Perceptions.”* San Diego, CA (March 16- 20, 2016).

Invited Talks

2024

- YSPH Climate Change and Health Seminar, October 29, 2024, Yale University School of Public Health
- Center for Global Energy Policy, September 27, 2024, Columbia University

- 2021 Kleinman Center for Energy Policy. University of Pennsylvania. *“Targeting Energy Justice: Race, Renewables, and Efficiency.”* (April 15, 2021).
- 2021 National Wildlife Federation Environmental Justice Clean Economy Roundtable (March 25, 2021)
- 2021 Energy Equity: Health Impact Assessment of Detroit Energy's Integrated Resource Plan. Michigan Center on Lifestage Environmental Exposures and Disease (M-LEEaD). (March 9, 2021)
- 2021 NW Equity Forum: Data & metrics discussion (February 19, 2021)
- 2021 Urban Studies Institute Seminar Series. Georgia State University. (January 28, 2021)

- 2020 The Intersection of COVID, the Recession, and Race and Their Impact on Utility Regulation (panel). National Association of Regulatory Utility Commissioners (NARUC). December 10, 2020.
- 2020 UM SEAS Alumni Event: Faculty "Back to Class" Series. December 9, 2020
- 2020 American Association of Black in Energy panel. December 8, 2020
- 2020 Michigan Public Service Commission Low-income Working Group. December 3, 2020
- 2020 UM Ross Energy Club Energy Week Energy Justice Panel. November 17, 2020
- 2020 Dartmouth Talk November 18, 2020
- 2020 Our Energy Policy Energy Justice Panel. October 28, 2020
- 2020 EPA Energy Equity Speaker Series. October 22, 2020
- 2020 Equity and Clean Energy Webinar, Slipstream and Customers First. October 6, 2020
- 2020 LIFE Webinar Series. NYSERDA July 16, 2020
- 2020 Webinar: Tackling Energy Poverty - Domestic and International Strategies, Challenges and Insights. Carnegie Mellon University. July 9, 2020
- 2020 DDCSP Research Seminar July 8, 2020
- 2020 SEEDS Webinar. National Renewable Energy Lab. "solar paper" June 12, 2020
- 2020 Assessing Health Impacts of DTE's 15-Year Energy Plan. Michigan Environmental Justice Coalition. May 27, 2020
- 2020 Michigan Environmental Council. May 15, 2020
- 2020 Exelon Utilities Low- to Moderate-Income Summit. "Energy Justice" April 28, 2020.
- 2020 Michigan Research and Discovery Scholars program. January 22, 2020.
- 2019 School of the Earth, Ocean, and Environment Seminar. University of South Carolina. "*Exploring Residential Energy (In)Justice across Race, Class, and Place.*" November 21, 2019.
- 2019 Slipstream Board of Directors Annual Retreat. "*Exploring Residential Energy (In)Justice Across Race, Class, and Place.*" Madison, WI. October 28, 2019.
- 2019 Energy Efficiency Institute Seminar. University of California- Davis. "*Exploring Residential Energy (In)Justice across Race, Class, and Place.*" October 4, 2019.
- 2019 Environmental Studies Seminar. College of Environmental Science & Forestry, State University of New York. "*Toward Energy Justice: Exploring the Production and Persistence of Residential Urban Energy Disparities.*" March 7, 2019.
- 2019 Clean Energy States Alliance, Solar Equity Meeting. Atlanta, GA. January 29-30, 2019.
- 2019 Environmental and Water Resources Engineering Seminar. University of Michigan. "*Exploring the Production and Persistence of Residential Energy Disparities.*" January 25, 2019.
- 2018 Geography Research Seminar. University of Manchester. "*American Residential Energy Inequities Across Race, Class and Place.*" November 25, 2018.
- 2018 National Socio-Environmental Synthesis Center (SESYNC) Seminar. University of Maryland. "*The Production and Persistence of Urban Energy Disparities at the intersection of Place, Race & Class.*" October 9, 2018.
- 2018 TURN End Shutoffs for Healthy Communities convening. Oakland, CA. "*Why Energy Insecurity/Energy Justice matters for public health.*" May 16-18, 2018.
- 2017 Environmental Studies Departmental Colloquium. New York University. "*Toward Energy Justice: Exploring the Production and Persistence of Urban Residential Disparities.*" March 3, 2017.

- 2017 Environmental Policy Seminar. School of Public and Environmental Affairs, Indiana University Bloomington. “*Toward Energy Justice: Exploring the Production and Persistence of Urban Residential Disparities.*” February 24, 2017.
- 2016 Return to the Roost. School of Public Affairs and Administration, University of Kansas. “*Toward Energy Justice: Exploring the Production and Persistence of Urban Residential Disparities.*” November 29, 2016.
- 2016 Environmental Policy Seminar. Nicholas Institute for Environmental Policy Solutions, Duke University. “*The Intersection of Energy and Equity in Urban America: Exploring Disparities in Residential Energy Efficiency.*” February 4-5, 2016.

Keynotes

2024

- American Association of Blacks in Energy, New Orleans Chapter. December 11, 2024, Virtual
- Inaugural Charles M. and Martha Hitchcock Grant Lecture. December 4, 2024, University of California Berkeley
- Wind Wildlife Research Meeting, Renewable Energy Wildlife Institute (REWI). November 12-15, 2024, Corpus Christi, TX

2020

- Michigan Energy Innovators Gala. November 12, 2020, Virtual

2019

- Midwest Energy Solutions Conference. Feb 21-22, 2019. Chicago, IL

2018

- American Association of Blacks Inaugural Energy Ball. September 29, 2018. Detroit, MI
- Network for Energy, Water and Health in Affordable Buildings (NEWHAB) and Energy Efficiency for All (EEFA) Annual Convening. May 22, 2018. Detroit, MI

Guest Lectures

2020

- Energy and Race (Kinslow & Hummel) Stanford University. (October 27, 2020)
- Summer Enrichment Water Access and Affordability in Metro Detroit w/ Drs. Hughes & Stolper. U of Michigan (July 27, 2020).
- Energy Efficiency. (Chant) Vermont Law School (July 10, 2020).
- Being an Environmentalist While Black, w/Drs. Taylor & Butt. U of Michigan (June 10, 2020).
- EAS615: Renewable Electricity & the Grid (Craig), U of Michigan (April 7, 2020).

2019

- EAS 510 The Science and Practice of Social Change (Lemos), U. of Michigan (Dec. 2 & 4, 2019).
- Introduction to Sustainability (Rumsey), University of Northern Iowa (October 24, 2019).
- Introduction to Public Administration, (Gaynor), University of Cincinnati (October 7, 2019).
- RCSSCI 360.003/ENVIRON 302.001 Energy Justice and Activism (Bednar), U of M (Jan 23, 2019).

2018

- NRE 510 The Science and Practice of Social Change (Arvai), U. of Michigan (October 31, 2018).

2017

- UC 327/427, University of Michigan (November 16, 2017).
- NRE 510 The Science and Practice of Social Change, University of Michigan (October 23, 2017).
- Energy Systems, SUNY College of Environmental Science and Forestry (October 11, 2017).
- PUBPOL 475 Oil & Gas Policy in the US, University of Michigan (January 19, 2017).

2016

- NRE 510 The Science and Practice of Social Change, University of Michigan (October 31, 2016).
- NRE 501 Technology and Community Sustainable Development, U of M (September 19, 2016).