

## **Nikki Luke**

Assistant Professor of Geography  
University of Tennessee, Knoxville  
417 Burchfiel Geography Building, 1000 Phillip Fulmer Way, Knoxville, TN 37996  
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### **EDUCATION**

PhD, University of Georgia; Geography, 2020  
MSc with distinction, University of Manchester; Environmental Governance, 2015  
BPhil summa cum laude, University of Pittsburgh; Environmental Studies, 2014  
BS summa cum laude, University of Pittsburgh; Economics, 2014

### **ACADEMIC POSITIONS**

2020- Assistant Professor of Geography, University of Tennessee

### **VISITING APPOINTMENTS AND AFFILIATIONS**

2023- Affiliate, Women, Gender, and Sexuality Program, University of Tennessee  
2022- Affiliate, Center for Energy, Transportation, and Environmental Policy, Baker  
School for Public Policy, University of Tennessee  
2022- Fellow, Climate and Community Institute

### **PUBLIC SERVICE**

2025- 21<sup>st</sup> Century Energy Workforce Advisory Board, Federal Advisory  
Commission, U.S. Department of Energy  
2024 Labor and Workforce Liaison, Office of Engagement, Office of Clean Energy  
Demonstrations, U.S. Department of Energy (*detailed in*)  
2023-2025 Energy Workforce Advisor, Office of Energy Jobs, Office of Policy, U.S.  
Department of Energy

### **PREVIOUS ACADEMIC POSITIONS**

2022-2023 Visiting Scholar, Kleinman Center for Energy Policy, University of  
Pennsylvania  
2015-2016 Policy Analyst, Center for Labor Research and Education, University of  
California, Berkeley

### **PUBLICATIONS**

#### **BOOK MANUSCRIPTS**

**Luke, N.** (in press, 2026) *Electric Life: Utility Regulation and the Fight for Energy  
Democracy*. Cambridge, MA: MIT Press.

**Luke, N.,** Sorman, A. Szeman, I., and Williams, C., eds. *Renewable Societies*, under contract  
with Bloomsbury Press.

#### **JOURNAL ARTICLES** (underline indicates student author)

W. Smith and **N. Luke.** (*forthcoming*) We the Plug Tho: Communicating Energy to  
Democratize Energy Regulation. *International Journal of Urban and Regional  
Research*.

Welton, S., L. Phillips, and **N. Luke**. (2025) Public Power in the Energy Transition. *Iowa Law Review*, 110, pp. 2233-2276.

Goffe, R. and **N. Luke**. (2024). What does Capital Consume? Racial Capitalism and the Social Reproduction of Surplus People. *Environment and Planning A: Economy and Space*, 56(4), pp. 1311–1319.

**Luke, N.** (2023). Just Transition for All? Labor Organizing in the Energy Sector beyond the Loss of “Jobs Property.” *Annals of the American Association of Geographers*, 113(1), pp. 94-109.

**Luke, N.** (2022). Powering racial capitalism: Electricity, rate-making, and the uneven energy geographies of Atlanta. *Environment and Planning E: Nature and Space*, 5(4), pp. 1765-1787.

**Luke, N.** and M. Huber. (2022). Introduction: Uneven Geographies of Electricity Capital in *Environment and Planning E: Nature and Space*, 5(4), pp. 1699-1715.

Chen, C., J. Feng, **N. Luke**, C.-P. Kuo, and J. Fu. (2022). Localized energy burden, concentrated disadvantage, and the feminization of energy poverty. *iScience*.

**Luke, N.** and N. Heynen. (2021). Abolishing the Frontier: (De)Colonizing ‘Public’ Education. *Social and Cultural Geography*, 22(3), pp. 403-424.

**Luke, N.** and N. Heynen. (2020). Community Solar as Energy Reparations: Abolishing Petro-Racial Capitalism in New Orleans, special issue on Energy Pasts and Futures in American Studies, *American Quarterly*, 72(3), pp. 603-625.

**Luke, N.** and M. Kaika. (2019). Ripping the Heart out of Ancoats: Collective Action to Defend Infrastructures of Social Reproduction against Gentrification. *Antipode*. 51(2), pp. 579-600.

Heynen, N., Aiello, D., Keegan, C., and **Luke, N.** (2018). The Enduring Struggle for Social Justice and the City. *Annals of the American Association of Geographers*, 108(2), pp. 301-316.

#### **GUEST SPECIAL ISSUE EDITOR**

2022 *Environment and Planning E: Nature and Space*, Uneven Geographies of Electricity Capital with Matthew Huber.

#### **INVITED COMMENTARIES**

**Luke, N.** (2018). “Up, Up with Education, Down, Down with Segregation.” *Southeastern Geographer*, 8(1), pp. 28-34.

#### **BOOK CHAPTERS**

Heynen, N. and **N. Luke**. (2023). “The Case for Reparations, Urban Political Ecology, and the Black Right to Urban Life,” in Kaika, M., Keil, R., Mandler, T., and Tzaninis, Y. (eds.). *Turning Up the Heat: Urban Political Ecology for a Climate Emergency*. Manchester: University of Manchester Press.

Heynen, N., **Luke, N.**, Keegan, C. (2018). “Doreen Massey’s Urban Political Ecology,” in Peck, J., Werner, M., Lave, R., and Christophers, B. (eds.). *Doreen Massey—Critical Dialogues*. Newcastle upon Tyne: Agenda Publishing.

Heynen, N., Aiello, D., Keegan, C., and **Luke, N.** (2018). “The Enduring Struggle for Social Justice and the City,” in N. Heynen (ed.). *Social Justice and the City*. New York: Routledge.

**Luke, N.** (2017). “Journaling Long Lights.” In Hott, Carrie (ed.) *The Light That Elongated the Day*. Oakland: Irrelevant Press, pp.38-43. [with the Museum of Capitalism]

Evans, J., Schwila, G. and **Luke, K.** (2016). “The glorious failure of the experimental city: cautionary tales from Arcosanti and Masdar City,” in Evans, J., Karvonen, A., and Raven, R. (eds.). *The Experimental City*. London: Routledge, Routledge Research in Sustainable Urbanism.

### **ARTICLES IN POPULAR PRESS**

Harrison, C., E. Louder, **N. Luke**, and S. Welton. 2025. Trump moves to gut low-income energy assistance as summer heat descends and electricity prices rise. *The Conversation*, May 13 ([link](#)).

Heynen, N. and **N. Luke**. 2023. How Cities Are Experimenting with Reparations in Urban Policy. *NextCity*, October 9 ([link](#)).

### **POLICY RESEARCH**

#### **REPORTS AND WHITE PAPERS**

Recommendations of the 21st Century Energy Workforce Advisory Board (July 2025) submitted to the U.S. Department of Energy by the 21<sup>st</sup> Century Energy Workforce Advisory Board. ([link](#)). Contributing author as part of Advisory Board.

**Luke, N.** and [C. Gore](#) (February 2025). Community and Worker Considerations and Carbon Ore, Rare Earth, and Critical Minerals Extraction from Coal Ash in the Southern Appalachian Basin, submitted to the U.S. Department of Energy as part of UTK-led research team.

Just Transition Issue Brief. (January 2025). U.S. Department of Energy ([link](#)). Lead author as part of federal team.

Workforce Analysis of Existing Coal Carbon Capture Retrofits. (2024). Department of Energy ([link](#)). Contributor as part of federal team.

Knisley, B., **N. Luke**, R. McIlmoil, and J. Barrett. (July 2022). Energy Efficiency and Employment in the Tennessee Valley, commissioned by Appalachian Voices ([link](#)).

**Luke, N.**, Zabin, C., Velasco, D., and Collier, R. (August 2017). Diversity in California’s Clean Energy Workforce: Access to Jobs for Disadvantaged Workers in Renewable Energy Construction. University of California, Berkeley Center for Labor Research and Education Green Economy Program ([link](#)).

Proposition 39 Jobs Reporting: Methodology and Innovation, A Report to the Citizens Oversight Board of the California Clean Energy Jobs Act. (March 2016). University of California, Berkeley Center for Labor Research and Education Green Economy Program in consultation with the California Workforce Development Board. Contributor as part of research team.

Evans, J., J. Blakey, F. Borlea, F., B. de Vries, A. Karvonen, **K. Luke**, K. Paskaleva, T. Wiktorski, and D. Yang. (July 2015). Triangulum: The Three Point Project. Common Monitoring and Assessment Frameworks. European Smart Cities and Communities Lighthouse Projects. University of Manchester. Contributor as part of research team.

Evaluating a Percent of Income Payment Plan for Knoxville, TN (in preparation). Knoxville Water and Energy for All. Contributor as part of research team.

### **DASHBOARDS AND TOOLS**

**Luke, N.**, R. Strauss, and J. Walk. (February 2025). DOE-Funded BIL/IRA Projects Community Benefit Commitments. Public Environmental Data Partners. ([link](#))

Hedrick, E., J. Bell, S. Myers-Miller, W. Nelson, M. Rao, M. Porter, S. Steakley, M. Román-Rivera, A. Mesa, and **N. Luke**. (April 2022). Eviction Filings in Knox County, TN, 2020-2022. Commissioned by the Knoxville Housing Justice Collective in consultation with the University of Tennessee College of Law Legal Clinic.

### **GRANTS**

- |           |   |
|-----------|---|
| 2025-2026 | Knoxville Water and Energy for All (co-PIs Bri Knisley, Laila Malik, <b>Nikki Luke</b> , Erin Rose, Caity Southall), Office of Access and Engagement, Community University Research Collaboration Initiative (CURCI), University of Tennessee, Knoxville, \$10,000  |
| 2024-2026 | Organizing the Energy Transition in Tennessee Fossil Plant Communities, Resilient Energy Economies, \$41,875  |
| 2024-2025 | Knoxville Water and Energy for All (co-PIs Bri Knisley, Laila Malik, <b>Nikki Luke</b> , Maya Rao, Erin Rose, Caity Southall), Office of Access and Engagement, Community University Research Collaboration Initiative (CURCI), University of Tennessee, Knoxville, \$20,000                                    |
| 2022-2023 | Housing Security, Evictions, and Legal Counsel in Knox County, TN (co-PIs Wendy Bach, Adam Hughes, <b>Nikki Luke</b> , Austin Sauerbrei), Office of Research, Innovation, and Economic Development Community University Research Collaboration Initiative (CURCI), University of Tennessee, Knoxville, \$20,000 |
| 2021-2024 | “As Goes the South”: Community and Worker Solutions for a Just Transition in South Carolina and Tennessee (PI Shelley Welton, Co-PIs Annie Eisenberg, Conor Harrison, <b>Nikki Luke</b> , and Etienne Toussaint), Sloan Foundation, \$499,438   |

- 2021-2023 Manufacturing Valuable Coal-Derived Products in Southern Appalachia (PI Charles Sims), Department of Energy, \$1,876,496
- 2022 Scholarly and Research Incentive Funds Open Publishing Support Fund, University of Tennessee Knoxville, Office of Research, Innovation, and Economic Development, University of Tennessee, Knoxville, \$1,500
- 2021 Scholarly Activity and Research Incentive Funds for Summer Graduate Research Assistantship with Jimmy Feng, College of Arts and Sciences, University of Tennessee, Knoxville, \$3,600
- 2020 Doctoral Dissertation Research Improvement Award (PI Nik Heynen), National Science Foundation, \$14,737
- 2019 Innovative and Interdisciplinary Research Grant, University of Georgia Graduate School, \$1,984
- 2018 Innovative and Interdisciplinary Research Grant, University of Georgia Graduate School, \$1,345

#### **FELLOWSHIPS, AWARDS, AND HONORS**

- 2023 Above the Call of Duty Faculty Award, University of Tennessee Undergraduate Association of Geographers and Sustainers, Department of Geography, University of Tennessee
- 2023 Outstanding Faculty Advocate Award, GeoGrads Graduate Student Association, Department of Geography, University of Tennessee
- 2021-2023 Livingston Professorship, Department of Geography, University of Tennessee
- 2022 Outstanding Faculty Teaching Award, GeoGrads Graduate Student Association, Department of Geography, University of Tennessee
- 2016-2018 Graduate Student Research Assistantship, University of Georgia
- 2015 Certificate of Commendation for Highest Standard in Environmental Governance, University of Manchester
- 2015 Certificate of Commendation for a Highly Commended Performance in Geography Masters Dissertation, University of Manchester
- 2014-2015 Fulbright U.S. Student Award, Fulbright U.S.-U.K. Student Program
- 2014 Asher Isaacs Prize, Department of Economics, University of Pittsburgh
- 2013 Udall Scholarship, Morris K. Udall and Stewart L. Udall Foundation
- 2013 Phi Beta Kappa, University of Pittsburgh

#### **PRESENTATIONS**

##### **INVITED LECTURES**

- 2025 *Making Solar Jobs Good Jobs: Geographies of Wages, Employment, and Apprenticeship in the US after the Inflation Reduction Act*, Evergreen College, virtual, May 14.
- 2024 *Labor and Workforce in the Gulf South Energy Transition*, U.S. Environmental Protection Agency Region 6, virtual, October 24.

- 2024 *The Labor of Electric Life: Energy Democracy between the Union, State, and Utility in Atlanta's Clean Energy Transition*, Center for Environmental Studies, Rice University, October 7.
- 2024 *Electric Life: Reproducing Inequality at Work and in the Home in Atlanta*, Department of Geography, University of Sheffield, virtual, April 24.
- 2024 *Labor Law: Unions and Clean Energy*, Power Hour Office of Clean Energy Demonstrations, U.S. Department of Energy, virtual, February 1.
- 2023 *Energy Equity: Supporting Equitable Outcomes for Environmental Justice Communities, Consumers, and Workers*, Southeast Energy Policy Forum, Howard H. Baker Jr. School for Public Policy, University of Tennessee, Knoxville, August 16.
- 2023 *Environmental and Energy Justice in Integrated Resource Planning*, Tennessee Valley Authority Utility of the Future Information Exchange, May 9.
- 2023 *A Clean Energy Workforce and the Path to Equity*, Kleinman Center for Energy Policy, University of Pennsylvania, March 2.
- 2022 *Urban Geographies of Energy: Investigating the Municipal Politics of Electricity in Atlanta*, Department of Geography, Environment, and Sustainability, University of North Carolina, Greensboro, October 28.
- 2022 *Urban Energy Democracy: Investigating the Historical-Geographies of Atlanta's Electricity Politics*, Energy Graduate Group Seminar Series, University of California, Davis, October 7.
- 2021 *Climate, Jobs, and Justice? Evaluating the Politics of Clean Energy Jobs in Atlanta, GA*, Geospatial Science & Human Security Division, Oak Ridge National Lab, December 1.
- 2021 *Energy Justice at Work: The Geographies of Clean Energy Jobs in Atlanta, GA*, Howard H. Baker Jr. Center for Public Policy Energy and the Environment Program, University of Tennessee, Knoxville, TN, January 28.
- 2020 *Building Multi-Dimensional Community Resilience for Sustainable and Just Futures*, Urban Studies Institute, Georgia State University, Atlanta, GA, February 7.
- 2020 *Energy Justice from the Ashes: Community Action to Address Energy Poverty*, Department of Geography, University of Tennessee, Knoxville, TN, January 30.

#### **INVITED WORKSHOPS AND SYMPOISUMS**

- 2025 *Securing the Critical Battery Materials Supply Chain in the Southeast*, Center for Climate and Energy Solutions, University of Tennessee, Knoxville, TN, May 14.
- 2025 *Race and Electric Utilities in the United States, Powering Reliable Connections: From Historical Insights to Collaborative Research in Electric Power Systems*, Emory University, Atlanta, GA, March 28-29.
- 2024 *Summer Institute for Economic Geography*, Singapore, July 21-26.

- 2023 *Advancing Racial and Health Justice through Right to Counsel for Tenants Facing Eviction Solutions Accelerator Sprint*, Results for America, March-May [invited through competitive application with UTK College of Law, City of Knoxville, and Knox County].
- 2023 *Bipartisan Policy Center Summit*, Office of Research Innovation and Economic Development and Baker Center, Washington, DC, January 18-19.
- 2022 *Social Research Workshop*, University of Tennessee, Knoxville, TN, February 18.
- 2021 *Climate and Energy Justice in the U.S. South*, Oak Ridge National Laboratory, Oak Ridge, TN, August 30-31.
- 2021 *Cultures of Energy (I)X: New Directions in Energy Humanities*, Rice University, Houston, TX, May 27-28.
- 2019 Antipode's 7<sup>th</sup> *Institute for the Geographies of Justice*, Mexico City, Mexico, June 16-21.
- 2015 *U.S.-U.K. Fulbright Forum*, Belfast, United Kingdom, January 8-9.
- 2011 *Future Forest*, Baotou and Beijing, China, April 6-11.

#### **CONFERENCE PAPERS**

- 2025 *Organizing the Energy Transition in Tennessee Fossil Plant Communities*, Resilient Energy Economies Summer 2025 Convening, Albuquerque, NM, June 17.
- 2025 *Labor Geographies of the Energy Transition in the U.S. South: A Regional Analysis of Registered Apprenticeship Utilization in the Renewable Energy Industry after the Inflation Reduction Act*, Global Conference on Economic Geography, Worcester, MA, June 5.
- 2025 *Quick Start on the Battery Belt: Workfare State Capacities, Job Training, and Worker Organizing Against Racial Capitalism in Southern Clean Energy Industries* with Elena Louder and Caroline Hamilton, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 26.
- 2024 *Upskilling the Energy Transition? A Regional Analysis of Registered Apprenticeship Programs in the U.S. South after the Inflation Reduction Act* with Elena Louder, Southeast Division of the American Association of Geographers, Greenville, SC, November 25.
- 2024 *Picking up the slack: Faith based organizations, informal support networks and energy vulnerability in the Southeast US* with Elena Louder and Conor Harrison, Southeast Division of the American Association of Geographers, Greenville, SC, November 25.
- 2024 *Addressing Transportation Inequities and Urban Renewal in Knoxville, Tennessee Through Reconnecting Communities* with Sophia Jodoin, Southeast Division of the American Association of Geographers, Greenville, SC, November 24.

- 2023 *Questioning the Future of Energy Work while Training Future Energy Workers*, 77<sup>th</sup> Annual Meeting of the American Association of Geographers, Denver, CO, March 24.
- 2022 *The Fight for Energy Democracy in Atlanta, GA* with Wan Smith, Southeast Division of the American Association of Geographers, Atlanta, GA, November 21.
- 2022 *Geographies of Clean Energy*, UT Manufacturing and Design Innovation Showcase, Knoxville, TN, October 17.
- 2022 *Employment and Energy Efficiency in the Tennessee Valley* with Bri Knisley, Connecting Rural and Urban Environments for Equitable Access to Transportation, Telecommunications and Energy, NSF Sustainable Regional Systems Workshop, University of Tennessee, Knoxville, TN, August 18.
- 2022 *Coal Ash Legacies, Demand-Response Futures: Reproducing Racialized Uneven Development in Atlanta's Energy Transition*, 76<sup>th</sup> Annual Meeting of the American Association of Geographers, virtual, March 1.
- 2021 *Just Transition for All? Labor Organizing beyond Property in Jobs in the Era of Climate Change*, RGS-IBG Annual International Conference, virtual, August 31.
- 2021 *Feminist Energy Geographies: Everyday Methods and the Politics of Knowledge*, 75<sup>th</sup> Annual Meeting of the American Association of Geographers, virtual, April 8.
- 2019 *"Bright Spots," "Big Bets": Imagining Electricity Capital at Southern Company's Georgia Power through Time*, 73<sup>rd</sup> Annual Meeting of the American Association of Geographers, Washington, DC, April 4.
- 2019 *An Abolition Ecology Perspective on Community Solar as Energy Reparations* with Nik Heynen, 9<sup>th</sup> Annual Dimensions of Political Ecology Conference, Lexington, KY, February 23.
- 2018 *Ain't no Sunshine: Organizing Racialized Energy Labor Around the California Sun*, 72<sup>nd</sup> Annual Meeting of the American Association of Geographers, New Orleans, LA, April 10.
- 2018 *Renewing Electrical Apprenticeship: A Critical Look at How Renewable Energy is Remaking Worker Training Programs in California's Central Valley*, University of Georgia 4<sup>th</sup> Geography Graduate Research Symposium, Athens, GA, February 2.
- 2017 *Defaulting on a Post-Coal Future: The Political Ecology of Coal Company Bankruptcy, Reclamation, and the Movement for a Just Transition*. 71<sup>st</sup> Annual Meeting of the Association of American Geographers, Boston, MA, April 8.
- 2017 *Excavating the History of SMCRA: A Political Ecological Account of Work, Reclamation, and Bankruptcy in Appalachia*, 7<sup>th</sup> Annual Dimensions of Political Ecology, Lexington, KY, February 24.

- 2017 *The Miner's Protection Act: A Review of the United Mine Workers of America Pension Program and Bankruptcy in Appalachia*, University of Georgia 3<sup>rd</sup> Annual Geography Graduate Research Symposium, Athens, GA, February 3.
- 2016 *New East Manchester? Historicizing Health, Wellness, and the Working Class Body to Resist Gentrification*, 70<sup>th</sup> Annual Meeting of the Association of American Geographers, San Francisco, CA, March 30.
- 2015 *Nature and the City: Conflicting Definitions of Sustainability in New East Manchester Regeneration*, Fulbright Forum, Belfast, United Kingdom, January 8.

#### **PANEL PARTICIPATION**

- 2025 *Labor and the Green Economy*, Camp Solidarity, West Virginia Mine Wars Museum, Matewan, WV, September 19.\*\*
- 2025 *Challenges and strategies for worker-led energy transition and young worker organizing*, Labor Research and Action Network, 15<sup>th</sup> Annual National Conference, New Brunswick, NJ, June 9.
- 2025 *Energy Justice: Futures and Directions Panel of the Energy and Environment Specialty Group*, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 28.
- 2025 *Author Meets Critics for Mijin Cha's A Just Transition for All: Workers and Communities for a Carbon-Free Future*, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 26.
- 2025 *Energy utilities in a (just) energy transition: A conversation on public power*, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 24.
- 2024 *A Just and Equitable Energy Transition*, Rice University, Houston, TX, October 8.
- 2024 *The Future of the Energy Workforce: Identifying and Addressing Gaps in the Clean Energy Workforce*, National Sustainability Society, Seattle, WA, September 10.
- 2024 *Federal Policy in the Energy Transition*, Resilient Energy Economies Summer 2024 Convening, Washington, DC, June 19.
- 2023 *Energy Justice: 3rd Annual Futures and Directions Panel of the Energy and Environment Specialty Group*, 77<sup>th</sup> Annual Meeting of the American Association of Geographers, Denver, CO, March 24.
- 2023 *In Conversation with Ray Hudson: Placing British Coal in New Contexts of Transition*, 77<sup>th</sup> Annual Meeting of the American Association of Geographers, Denver, CO, March 25.
- 2022 *Liberatory Ecologies: A Dialogue on the Intersection of Climate Justice, Reproductive Justice, and Place*, National Women's Studies Association, Minneapolis, MN, November 12.

- 2022 *Faculty Panel on Policy-Related Research Experiences*, Baker Center Affiliates Workshop, The Howard H. Baker Center for Public Policy, University of Tennessee, Knoxville, TN, November 4.
- 2022 *Utility Justice and Disparities Across the Board*, Justice & Beyond Louisiana, virtual, April 25.
- 2022 *Sustainable Urban Water and Energy*, Black Ecologies Week, Civil and Environmental Engineering, University of Tennessee, Knoxville, TN, March 8.
- 2022 *Climate Justice and Reproductive Justice*, 76<sup>th</sup> Annual Meeting of the American Association of Geographers, virtual, March 1.
- 2022 *Energy Justice: Pedagogy and Praxis*, 76<sup>th</sup> Annual Meeting of the American Association of Geographers, virtual, February 25.
- 2021 *Energy Justice*, Cultures of Energy (I)X: New Directions in Energy Humanities, Rice University, virtual, May 28.
- 2021 *Feminist Energy Geographies*, 75<sup>th</sup> Annual Meeting of the American Association of Geographers, virtual, April 8.
- 2021 *Diversity, Equity, and Inclusion in Research*, The Graduate School, University of Tennessee, virtual, February 18.
- 2020 *Place, Power, and Plural Knowledges: Navigating Community-Based Initiatives in Uncertain Times*, 10<sup>th</sup> Annual Dimensions of Political Ecology, Lexington, KY, February 27-29.
- 2019 *Author Meets Critics for Juan De Lara's Inland Shift: Race, Space, and Capital in Southern California*, 73<sup>rd</sup> Annual Meeting of the American Association of Geographers, Washington, DC, April 7.
- 2019 *Frontiers of Rent and Rentiership in the Green Economy*, 73<sup>rd</sup> Annual Meeting of the American Association of Geographers, Washington, DC, April 6.
- 2019 *Uneven Geographies of Electricity Capital*, 73<sup>rd</sup> Annual Meeting of the American Association of Geographers, Washington, DC, April 4.
- 2018 *Advancing Equity in Language Education Roundtable with U-Lead Athens*, Georgia Association of Multilingual and Multicultural Educators Dual Language Symposium, Athens, GA, March 9.
- 2017 *A Just Transition? Critical Geographies of Appalachia*, 71<sup>st</sup> Annual Meeting of the American Association of Geographers, Boston, MA, April 5.

#### **PRESENTATIONS TO INDUSTRY**

- 2024 *Clean Energy Workforce Development*, H2EDGE Conference, North Carolina Agricultural and Technical State University, Greensboro, NC, July 16.

- 2024 *Community Benefits Plans and Labor Engagement in the Carbon Dioxide Removal and Direct Air Capture Industries*, Carbon Removal Alliance, virtual, June 24.
- 2024 *Upskilling the Workforce and Communities to Create a Successful Clean H2 Economy and Benefit Communities*, World Hydrogen North America, Houston, TX, May 23.
- 2024 *Community Benefits Plans: Community and Labor Engagement*, National Rural Electric Cooperative Association, virtual, January 19.
- 2023 *Workforce Needs for the Future*, Industrial Heat Earthshot Summit, U.S. Department of Energy, virtual, October 23.
- 2023 *Community Benefits Plans*, The White House Workforce Priorities Deep Dive I: Clean Energy Jobs and the Opportunities They Present to Newcomers, Welcome.US, virtual, October 20.
- 2023 *Securing the Workforce You Need: Avoiding Workforce Shortages at Critical Times*, Deploy23 co-hosted by Cleantech Leaders Climate Forum and the Department of Energy's Loan Programs Office, Washington, DC, September 26.
- 2023 *Promoting Equitable Access and Job Quality in the Hydrogen Workforce*, National Association of State Energy Offices, virtual, August 29.
- 2021 *Building Union and Community Partnerships*, Tennessee New Green Economy Compass Conference, Nashville, TN, February 9.

#### **WORKSHOP PARTICIPATION**

- 2024 *Joint Institute for Strategic Energy Analysis Annual Meeting*, National Renewable Energy Lab, Golden, CO, February 26-27.
- 2023 *Energy and Environment Specialty Group AAG Pre-conference Workshop*, virtual, January 21.
- 2022 *Connecting Rural and Urban Environments for Equitable Access to Transportation, Telecommunications and Energy*, NSF Sustainable Regional Systems Workshop, University of Tennessee, Knoxville, TN, August 18-19.
- 2022 *Energy and Environment Specialty Group AAG Pre-conference Workshop*, virtual, January 29.
- 2019 *Policy Institute for Civic Leadership*, Atlanta, GA, September 19-November 14.
- 2019 *Labor Network for Sustainability 3<sup>rd</sup> National Labor Convergence on Climate*, Chicago, IL, June 28-30.
- 2018 *Labor in the Climate Transition: Charting the Roadmap for 2019 and Beyond at the Global Climate Action Summit*, Berkeley, CA, September 12.

#### **TEACHING**

**University of Tennessee**  
*Introductory Level*

Sustainability Principles and Practices  
Sustainability Principles and Practices, Service-Learning Class

*Upper Division, Undergraduate*

Cities as Economic Engines  
Energy Governance and Sustainability  
Livable Cities

*Graduate Level*

Appalachian Justice Research Lab  
Colloquium in Geography  
Qualitative Methods  
Topics in Urban/Economic Geography: Urban Crisis  
Topics in Urban/Economic Geography: Political Economy/Political Ecology

**University of Georgia**

*Introductory Level*

World Geography

*Teaching Assistant*

World Geography  
Sapelo Island Service-Learning Maymester Course

**University of Pittsburgh**

*Teaching Assistant*

Environmental Communications

**ADVISING**

**PhD Advisor**

Yangbeom Park, UTK Geography (expected 2029)  
Caleb Gore, UTK Geography (expected 2026)

**Master's Advisor**

Mackenzie Boyd, UTK Geography (expected 2027)  
Caroline Hamilton, UTK Geography (expected 2026)  
Lutfiyah Madyun (co-advised with L. Eaves), UTK Geography (2025)  
Rose Shelor (co-advised with S. Muñoz), UTK Geography (2023)  
Samantha Myers-Miller, UTK Geography (2022)  
Bethany Craig (co-advised with D. Alderman), UTK Geography (2022)  
Victoria Haynes, UTK Geography (2022)

**PhD Committee Member**

JP Lynn, UTK Geography (expected 2028)  
Babatunde Olatunji, UTK Anthropology (expected 2028)  
Abel Traslaviña-Arias, UTK Geography (expected 2026)  
Gale Hauck, UTK Bredesen Center (expected 2026)  
Jessica Craigg, UC Berkeley Energy and Resources Group (expected 2026)  
Allie Kahl, UTK Bredesen Center (2025)

**Master's Thesis Committee Member**

Gabrielle Chapman, UTK Geography (2025)  
Annie Liu, UTK Geography (2025)  
Anna Mesa, UTK Geography (2025)  
Luke Brice, UTK Geography (2024)  
Livingstone Makwerere, UTK Geography (2023)  
Rosemary Ayelazuno, UTK Geography (2023)  
Kayla Roulhac, UTK Geography (2023)  
Devyn Kelly, UTK Geography (2023)  
Yael Uziel, UTK Geography (2021)

**Undergraduate Thesis Advisor**

Hayley Simpson, UTK College Scholars (2024)  
Isabella Killius (co-advised with M. McKinney), UTK Sociology, (2022)

**Undergraduate Thesis Reader**

Soriya Cooper, UTK College Scholars (2024)  
Emily Morgan, UTK College Scholars (2023)  
Carly Broady, UTK College Scholars (2022)  
Elizabeth Wilkes, UGA Geography Honors (2018)

**SERVICE, OUTREACH, ENGAGEMENT****CONFERENCES ORGANIZED**

- 2025 4<sup>th</sup> Annual Energy and Environment Specialty Group Pre-AAG Conference, virtual, January 25.
- 2023 New Green Economy Southeast, Chattanooga, TN, May 24.
- 2018 4<sup>th</sup> Annual Geography Graduate Research Symposium, University of Georgia, February 2.

**CONFERENCE SESSIONS ORGANIZED**

- 2025 *Labor and the Green Economy*, Camp Solidarity with Dan Taylor, West Virginia Mine Wars Museum, Matewan, WV, September 19.
- 2025 *Energy Justice: Futures and Directions Panel of the Energy and Environment Specialty Group* with Ryan Stock and Tiffany Grabelski, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 28.
- 2025 *Author Meets Critics for Mijin Cha's A Just Transition for All: Workers and Communities for a Carbon-Free Future* with Meg Mills-Novoa, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 26.
- 2025 *Energy utilities in a (just) energy transition: A conversation on public power* with Elena Louder and Conor Harrison, 79<sup>th</sup> Annual Meeting of the American Association of Geographers, Detroit, MI, March 24.
- 2021 *Feminist Energy Geographies* with Danya Al-Saleh, 75<sup>th</sup> Annual Meeting of the American Association of Geographers, Seattle, WA.

- 2019 *Uneven Geographies of Electricity Capital*, co-organized with Matthew Huber, 73<sup>rd</sup> Annual Meeting of the American Association of Geographers, Washington, DC.
- 2019 *Abundant Futures for Whom? Embodying the Uneven Geographies of Decarbonization and Energy Transitions*, co-organized with Nik Heynen, Patrick Korte, and Jesse Goldstein, 8<sup>th</sup> Annual Dimensions of Political Ecology Conference, Lexington, KY.
- 2018 *Locating Socially-Just Energy Transitions*, co-organized with Carlo Sica, 72<sup>nd</sup> Annual Meeting of the American Association of Geographers, New Orleans, LA.

#### **DEPARTMENTAL SERVICE**

- 2025- Undergraduate Program Committee Associate Director
- 2024- Sustainability Program Associate Director
- 2024- Graduate Program Committee
- 2024-2025 Diversity Committee Chair
- 2024 GeoAI Search Committee Search Advocate
- 2023- Supporting Women and Non-Binary Geographers
- 2020-2023 Diversity Committee Co-Chair
- 2022-2023 Faculty Advisor to the Graduate GeoSym Conference
- 2022 Colloquium 501 Coordinator
- 2022 Special Event Coordinating Committee
- 2020-2021 McCroskey Scholarship Committee Member

#### **COLLEGE SERVICE**

- 2024-2026 Dean's Advisory Council, College of Arts and Sciences
- 2024 Energy Transitions Science External Search Committee Member, Earth, Environmental and Planetary Science
- 2022-2023 Dean's Advisory Council, College of Arts and Sciences
- 2022-2023 Environment and Society Connection Package Committee Member
- 2021-2023 College Diversity Committee, College of Arts and Sciences

#### **UNIVERSITY SERVICE**

- 2024- College of Emerging and Collaborative Studies Sustainability Curriculum Committee
- 2025 Yates Dissertation Fellowship Reviewer, The Graduate School
- 2022-2023 Sustainability Working Group
- 2022 Exhibition of Undergraduate Research and Creative Achievement, Social Science Poster Competition Judge
- 2021-2022 Committee for the Campus Environment, Sustainable Procurement and Solar Energy Working Groups

#### **DISCIPLINARY SERVICE**

- 2024-2026 Treasurer, Energy and Environment Specialty Group of the American Association of Geographers

#### **EDITORIAL BOARD MEMBER**

- 2023-2026 Urban Political Ecology

2021-2027 Environment and Planning E: Nature and Space

#### **RESEARCH ADVISORY BOARD MEMBERSHIP**

2023-2024 TVA Valley Pathways Study

2022-2023 TVA Connected Communities, Elders Alerts System about Imminent Environmental Risks (EASIER) project

#### **JOURNAL EDITORIAL ASSISTANT**

2017-2019 Environment and Planning E: Nature and Space

#### **BOOK REVIEWER**

1) Cambridge University Press; 2) University of Mississippi Press

#### **JOURNAL REVIEWER**

1) Annals of the American Association of Geographers; 2) Antipode; 3) Environment and Planning E: Nature and Space; 4) Geoforum; 5) Nature Communications; 6) Energy Research and Social Sciences; 7) Journal of Geography in Higher Education; 8) Environment and Society: Advances in Research; 9) Journal of Urban Affairs; 10) Transactions of the Institute of British Geographers; 11) Dialogues in Human Geography; 12) Progress in Environmental Geography; 13) Renewable and Sustainable Transitions; 14) Nature Energy; 15) Journal of Agricultural and Environmental Ethics; 16) One Earth; 17) Environmental Sociology; 18) Environmental Research; 19) Sustainability Science; 20) Frontiers in Sociology; 21) Human Geography; 22) Geography Compass; 23) Utilities Policy

#### **PROPOSAL REVIEWER**

1) National Science Foundation (NSF) Human-Environment and Geographical Sciences; 2) NSF Strengthening American Infrastructure; 3) Department of Energy (DOE) Office of Clean Energy Demonstrations; 4) Joint Office of Energy and Transportation; 5) DOE Office of Manufacturing and Energy Supply Chains; 6) DOE Hydrogen Fuel Technology Office

#### **COMMUNITY ENGAGEMENT**

2024- Knoxville Water and Energy for All, Advisory Board Member

2023- Labor at the Table, Advisory Board Member

2020-2023 Knoxville Housing Justice Collective, Researcher

2020-2023 Tennessee Valley Energy Democracy Movement, Member

2016-2020 U-Lead Athens, Volunteer Coordinator

#### **CONSULTING AND POLICY RESEARCH**

2025 *Climate Crisis Curriculum* for the Climate and Community Institute, commissioned by the United Auto Workers Center for Manufacturing a Green Economy.

2022 *Comments on TVA's Draft Environmental Impact Statement for the Cumberland Fossil Plant Retirement* for Appalachian Voices.

- 2018-2019 *Economic Justice Metrics: 2018-19 Update of Metrics and Mechanisms for Job Quality, Job Access, and Just Transition in Illinois* for Sierra Club Illinois with Inclusive Economics, LLC.
- 2018 *Pre-Apprenticeship in Proposition 39 Best Practices Report* for the California Workforce Development Board with Inclusive Economics, LLC.
- 2018 *Employment Impacts of Electrification of California Buildings* for Sierra Club California with Inclusive Economics, LLC
- 2018 *San Francisco Bay Area Analysis: Creating Economic Opportunities in Green Infrastructure Investments* for The Greenlining Institute with Inclusive Economics, LLC.
- 2016 *Just Transition Toolkit* for The Clean Power Plan for All Collaborative with the Center for Labor Research and Education at the University of California, Berkeley

### **PODCAST INTERVIEWS**

“Energy Futures, Labor and Democracy.” [Gulf Streams Radio Show and Podcast](#). November 2024.

“Geography, Equity, and the Energy Transition.” [Energy Policy Now Podcast](#), May 23, 2023.

“U-Lead Athens: Educating Un(der)Documented Students” in [Nothing Never Happens](#): A Podcast of Radical Musings on Social Justice, Pedagogies for Transformation, and Feminist Activism, January 31, 2019.

### **RESEARCH PRESS COVERAGE**

Segerstrom, C. (2022) Building equity into the renewable energy transition: Community and labor organizers shape New Mexico’s changing economy. [High Country News](#), 12 January.

Freund, J. (2021). Apprenticeships and the Labor Movement. [U.S. Department of Labor Blog](#), 19 November.

### **PROFESSIONAL AFFILIATIONS**

Association of American Geographers

- Black Geographies Specialty Group
- Cultural and Political Ecology Specialty Group
- Environment and Energy Specialty Group
- Feminist Geographies Specialty Group
- Studies of the American South Specialty Group
- Urban Geography Specialty Group

Southeastern Division of the Association of American Geographers