**Carrie M. Leslie**

**Department of Geography and Environmental Sustainability (DGES)**

**University of Oklahoma**

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**Norman, Oklahoma**

**73069**

**Education**

B.A. Cultural Anthropology Centre College 2002

M.A. International Peace &

Development Studies  Bancaja Center, Universitat Jaume I 2005

M.A. Socio-Cultural Anthropology University of Oklahoma 2018

Ph.D. Sociology (Environmental) University of Oklahoma 2024

**Training**

Collaborative Institutional Training Initiative (CITI) Program, Human Research, Social Behavioral, Institutional Review Board (IRB) Requirement – 2024

National Science Foundation (NSF) National Research Traineeship (NRT), Earth Observation Science for Society and Sustainability (EOS3) Certification – 2020-2022

**Professional Experience**

**2024 – present** **University of Oklahoma (OU)**

*Faculty Lecturer* for the Department of Geography and Environmental Sustainability (DGES) and teaching Environmental Studies courses, including a service-learning Capstone partnered with a local urban community

**2023 – 2024 Institute for Resilient Environmental and Energy Systems (IREES), OU**

*Graduate Intern, Environmental and Energy Justice*, Community Benefits Analysis, Environmental Health Equity, Methane sensing for reduction of Green Houses Gases (GHGs)

**2022 (Spring) National Institutes for Health (NIH) Pilot Grant**

*Research Assistant,* Network on Life Course Health Dynamics and Disparities (NLCHDD), evaluating the long-term effects of mortality from Safe Drinking Water Act (SDWA) violations to address public health disparities for underserved ethnoracial, socioeconomic, and rural populations

**2022 – 2021 South Central Climate Adaptation Science Center (CASC), OU**

*Summer Research Assistant,* conducted a systematic review of telecoupling research to determine if climate teleconnections are included, CASC Community of Practice “Understanding Teleconnections that Influence Ecosystem Resilience”

**2022 – 2021 University of Oklahoma, Biological Survey, National Science Foundation (NSF)**

*NSF NRT Fellow*, Interdisciplinary and Applied Research Training, Biodiversity conservation and ecosystem management, Aerosphere protections and eco-social habitat destruction

**Appointments**

2024 – Present Faculty Lecturer, University of Oklahoma, Department of Geography and Environmental Sustainability

2021 – 2024 Graduate Research Assistant, University of Oklahoma, Department of Sociology and Anthropology

2016 – 2024 Instructor and Graduate Teaching Assistant, University of Oklahoma, Department of Sociology and Anthropology

**Representative publications**

1. Kolbmann, Christina, **Carrie M. Leslie**, Chris Anderson, Justin Reedy, Lori Jervis, Jeremy Ross, Jeffrey Kelly, and Eli Bridge. 2023. “Perceptions of the crowded sky as assessed through response to aerial infrastructure.” *Frontiers in Built Environment: Urban Science*. Volume 9.
2. Hekmatpour, Peyman and **Carrie M. Leslie.** 2022.“Ecologically Unequal Exchange and Disparate Death Rates from Air Pollution: A Comparative Study of 169 Countries from 1991 to 2017.” *Environmental Research.* Volume 212, Part A, p. 113161.
3. **Leslie, Carrie M.**, Burns, Thomas J., & Hekmatpour, Peyman. 2022. “Bridging the Divide between Theory and Applied Research: New Ecological Measures as Pathways to Ecological Balance.” *European Journal of Applied Sciences*, 10(6). 563-569.
4. Burns, Thomas J., Beth S. Caniglia, and **Carrie M. Leslie**. 2022. “Global Economy, Culture, and Unequal Ecological Exchange in Late Modernity: The Role of Fractal Institutional Processes in Addressing Imbalance.” In M. Zafirovski (ed.), *International Handbook of Economic Sociology*. London: Routledge.
5. **Leslie, Carrie M.**, Alva I. Strand, Elizabeth A. Ross, Giovanni T. Ramos, Eli S. Bridge, Phillip B. Chilson, and Christopher E. Anderson. 2021. "Shifting the Balance among the ‘Three Rs of Sustainability:’ What Motivates Reducing and Reusing?" *Sustainability* 13, no. 18: 10093. https://doi.org/10.3390/su131810093
6. Burns, Thomas J., Tom W. Boyd, and **Carrie M. Leslie**. 2020. A Metatheoretical Framework for Understanding Interactions among Culture, Ecology, and Economics in Late Modernity. In Milan Zafirovski (Ed.), *A Modern Guide to Economic Sociology*. Cheltenham, U.K.: Edward Elgar.
7. Burns, Thomas J., Tom W. Boyd, and **Carrie M. Leslie**. 2019. “Regenerative Development and Environmental Ethics: Healing the Mismatch between Culture and the Environment in the Third Millennium.” In Caniglia, B.S., B. Frank, J. Knott, K. Sagendorf, and E. Wilkerson (Eds.), *Regenerative Development: Urbanization, Climate Change & the Common Good*. New York: Routledge.
8. **Leslie, Carrie M.** 2009. “Wordless Communication in an International Context.” In *Education—Identity—Globalization, Bildung—Identität—Globalisierung*. Barbara Schröttner and Christian Hofer, (Eds.) Grazer Universitätsverlag: Karl-Franzens Universität Graz.

**In progress:**

1. Mueller, J. Tom, Peyman Hekmatpour†, and **Carrie M. Leslie**†. “The environmentally unjust long-term association between unsafe drinking water and all-cause mortality in the United States.” *Environmental Justice.* († Denotes equal author contribution)

**Synergistic activities**

1. *Native Nations Center, Ethical Tribal Engagement Series*, Designed Grant Researcher Certification and promotion of series to practice ethical research with Native Nation partners
2. *JFK Neighborhood Association, Environmental Studies Service Learning, Capstone Instructor,* Environmental Health Equity and Air Pollution Mitigation, Open Design Collective, Inc.’s EPA Environmental Justice Collaborative Problem Solving (EJCPS) Cooperative Agreement Program Grant Recipient, install PM 2.5 air quality monitors in cultural plaza, outdoor community space, Potential applicants of the EPA Community Change Grant