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CARRIE M. LESLIE

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University of Oklahoma
Department of Sociology
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EDUCATION

- Ph.D. (2024 expected)** Sociology (Environmental Sociology) - University of Oklahoma
Dr. Thomas Burns (Chair), Dr. Ian Carrillo, Dr. Hongwan Li, Dr. Annabel Ipsen,
& Dr. Jennifer Koch
- M.A. (2019)** Socio-Cultural Anthropology - University of Oklahoma
The Water that Sustains Us: Indigenous Resistances to defend the Environment in Oklahoma
Chair: Dr. Betty Harris
- M.A. (2005)** International Peace and Development Studies - Bancaja International Centre for
Peace and Development Studies, UNESCO Universitat Jaume I, Castellon, Spain
- B.A. (2002)** Cultural Anthropology - Centre College, Danville, Kentucky
Mentor: Dr. Phyllis Passariello

RESEARCH AREAS

Environmental Justice, Climate Justice, Community-Engaged Research, Environmental Sociology,
Environmental Health & Policy, Racial and Ethnic Inequities, Ethical Tribal Nation Engagement,
Global Inequalities, Environmental Ethics, Indigenous Environmental Resistances

PUBLICATIONS

- 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 the Built Environment: Urban Science*.
- 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.
- 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.

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.

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>

Burns, Thomas J., Tom W. Boyd, and **Carrie M. Leslie**. 2020. A Metatheoretical Framework for Understanding Interactions among Culture, Ecology, Art, and Economics in Late Modernity. In Milan Zafirovski (Ed.), *A Modern Guide to Economic Sociology*. Cheltenham, U.K.: Edward Elgar.

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.

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.

Manuscripts under Review

Mueller, J. Tom, Peyman Hekmatpour†, and **Carrie M. Leslie**†. "The Long-term Association between Unsafe Community Drinking Water, Adult Mortality, and Mortality Disparities in the United States." *Environmental Justice*.
(† Denotes equal author contribution)

Manuscripts in Preparation (Draft Available)

Leslie, Carrie M., Koch, Jennifer, Elinor Martin, Renee McPherson, and Jack Friedman. "An evaluation of research at the interface of climate teleconnections and telecoupling."
(Planning to submit to *Ecology and Society*)

RESEARCH FELLOWSHIPS, ASSISTANTSHIPS, & GRANTS

2023 **INSTITUTE FOR RESILIENT ENVIRONMENTAL AND ENERGY SYSTEMS (IREES) ENVIRONMENTAL JUSTICE SPECIALIST INTERN** – Internship for the Environmental Justice Specialist position, assisting Director, Dr. Tim Filley in Department of Energy (DOE) and Environmental Protection Agency (EPA)

grants that involve university partnerships to implement the Justice 40 Initiative and community benefits involving meaningful engagement and promoting environmental health and justice; DOE AOI2 Methane Monitoring (PI – Binbin Weng \$8 million) assisting with DEIA Plan implementation including developing Ethical Tribal Engagement Certification with the Native Nations Center (OU); EPA Climate Pollution Reduction Grant (CPRG) Community Benefits’ Analysis & Engagement team

- 2023 DODGE FAMILY COLLEGE OF ARTS & SCIENCES (DFCAS) DISSERTATION RESEARCH FELLOWSHIP (\$2,190)** – Fellowship to complete Dissertation Research as well as professionalization and funding for data collection
- 2022 SOUTH CENTRAL CLIMATE ADAPTATION SCIENCE CENTER RESEARCH ASSISTANT (\$5,400) – (Summer 2022)** Research assistant to Dr. Jennifer Koch to draft manuscript and conclude systematic review of telecoupling research to determine if teleconnection patterns were included; reviewed over 200 articles; Community of Practice - “Understanding Teleconnections (or Telecoupling) that Influence Ecosystem Resilience”
- 2022 EXTERNSHIP FOR NATIONAL SCIENCE FOUNDATION (NSF) NATIONAL RESEARCH TRAINEESHIP (NRT) FELLOWSHIP (\$5,000) – (Summer 2022)** Editorial Assistant for *The Solutions Journal* (Dr. Beth Caniglia), a publication promoting on-the-ground solutions for climate change challenges and threats; responsible for coordinating author submissions and key contributions for current online issue
- 2022 NIH NETWORK ON LIFE COURSE HEALTH DYNAMICS AND DISPARITIES (NLCHDD) PILOT GRANT RESEARCH ASSISTANT (\$3,200) – (Spring 2022)** Funded by National Institutes of Health (NIH) National Institute on Aging, research assistant for Dr. J. Tom Mueller evaluating the long-term effects of mortality from Safe Drinking Water Act (SDWA) violations to address public health and access disparities for certain ethnoracial, socioeconomic, and rural populations
- 2020-21 NATIONAL SCIENCE FOUNDATION NATIONAL RESEARCH TRAINEESHIP (NRT) FELLOWSHIP (\$34,000) – (Fall 2020 - Summer 2022)** Awarded an NSF NRT fellowship to develop and implement “transformative ways to use existing Earth observation data to apply to biodiversity conservation and ecosystem management;” received training in applied and interdisciplinary research approaches; joined research team focusing on reducing and reusing initiatives instead of solely recycling and ‘Crowded Skies’ project survey design; preliminary individual research on (nonconsensual) extractive industrial processes, land rights, and eco-social habitat disruption
- 2021 UNIVERSITY OF OKLAHOMA VICE PRESIDENT FOR RESEARCH AND PARTNERSHIPS BIG IDEA CHALLENGE GRANT PROJECT RESEARCH ASSISTANT (\$6,800) (Fall 2021)** Research assistant to Dr. Betty Harris and Dr. Edward Sankowski, on collaborative community engagement with interdisciplinary research team to survey residents of Black, Latino/a, and Asian neighborhoods in

Oklahoma City to determine health and well-being effects of living in neighborhoods with potentially higher levels of air pollution, including greenhouse gas emissions

- 2021 SOUTH CENTRAL CLIMATE ADAPTATION SCIENCE CENTER RESEARCH ASSISTANT (\$5,400) – (Summer 2021)** Research assistant to Dr. Jennifer Koch, Dr. Renee McPherson and Dr. Elinor Martin conducting research on telecoupling, teleconnections, and socio-economic indicators to determine if telecoupling research is including teleconnection patterns; Community of Practice - “Understanding Teleconnections (or Telecoupling) that Influence Ecosystem Resilience”
- 2020 GRASMICK – RIDDLE SUMMER RESEARCH FELLOWSHIP (\$2,500)** Independent summer research with mentor Dr. Cyrus Schleifer on Environmental Spending support’s indication of family structure and racial identification (GSS data)
- 2020 LORETTA McQUIRE FELLOWSHIP (\$7,500 Total; \$1,500 for Fall 2020; \$2,000 for Fall 2021, 2022, 2023)** one of five graduate students selected across the College of Arts and Sciences at the University of Oklahoma for this award
- 2019 COLLEGE OF ARTS & SCIENCES TRAVEL ASSISTANCE PROGRAM AWARD (\$750)** Awarded to present at the American Sociological Association’s annual conference in New York City
- 2019 SOCIOLOGY DEPARTMENT TRAVEL GRANT, UNIVERSITY OF OKLAHOMA (\$500)** Awarded to present research on Environmental Ethics at the Society for the Study of Social Problems (American Sociological Association) Conference in New York City
- 2019 MORRIS E. OPLER MEMORIAL RESEARCH GRANT (\$600)** Research in the field of Anthropology for MA Thesis focused on human/environmental impact of petroleum industry in Oklahoma, Department of Anthropology, University of Oklahoma
- 2016 COLLEGE OF ARTS & SCIENCES TRAVEL ASSISTANCE PROGRAM AWARD (\$500)** for Academic travel to American Anthropological Association’s annual conference to receive Africanist Anthropological Association’s Bennetta Jules-Rosette Graduate Essay Award
- 2016 ANTHROPOLOGY DEPARTMENT TRAVEL GRANT (\$500)** for Academic travel to American Anthropological Association’s annual conference to receive Africanist Anthropological Association’s Bennetta Jules-Rosette Graduate Essay Award
- 2016 ST. CLAIR DRAKE TRAVEL GRANT (\$500)** SANA Society for Anthropologists of North America awards \$500 to four recipients annually to travel to the American Anthropological Association’s (AAA) Conference (could not accept)

SCHOLARSHIPS & AWARDS

- 2016-17 LISSA AND CY WAGNER SCHOLARSHIP (\$1,000)** University of Oklahoma

- 2016-present **GRADUATE ASSISTANTSHIP/TUITION WAIVER (Annually approx. \$25,000)**, Department of Sociology and Anthropology, University of Oklahoma
- 2016 **BENNETTA JULES ROSETTE GRADUATE ESSAY AWARD, Honorable Mention from AfAA, Africanist Anthropological Association** for paper entitled: “African Women’s Resistance and the Reclamation of their Environment”
- 1998-2002 **FACULTY SCHOLARSHIP (\$24,000)** Centre College, awarded throughout four years of undergraduate studies

PROFESSIONAL CONFERENCES & INVITED PRESENTATIONS

American Sociological Association (ASA) Conference, 2021 (August), Environmental Sociology (Regular Session), National and Global Perspectives on Environmental Justice, presented “Ecologically Unequal Exchange and Disparate Death Rates from Air Pollution: A Comparative Study of 169 Countries,” co-author, Peyman Hekmatpour

Lecture on Indigenous Resistances to Defend the Environment, 2021 (May), presented on Indigenous resistance movements and extractive industries to Isabella Chiareli’s Introduction to Sociology course

Oklahoma Sociological Association (OSA) Conference, 2020 (November), Vectors of Social Change: Responding to Social Crises, presented “Metatheorizing in Late Modernity: Toward a Unifying Model of the Social Sciences” with Dr. Thomas Burns

American Sociological Association (ASA) Conference, 2020 (August), Power Inequality and Resistance at Work, presented “A Metatheoretical Framework for Understanding the Complexities of Religious Dialogue in Late Modernity” with Dr. Thomas Burns

Society for the Study of Social Problems (SSSP) Conference, 2019 (August), presented “The Water that Sustains Us: Indigenous Resistances to Defend the Environment” (single author presentation) and “Toward a Workable Environmental Ethic for the Anthropocene: Developing Theory to Move toward Praxis” with Dr. Thomas J. Burns, New York City

Lecture on Women’s Resistance to Chevron Neo Colonialism in the Niger Delta, 2019 (October), presented on Thesis work and chapter to Dr. Betty Harris’s *Women and Development in Africa* seminar at the University of Oklahoma.

Career Paths and How to Use an Anthropology Degree Panel, 2018 (May), presented with Gina Gordon and Vianne Hinsdale, University of Oklahoma.

Decolonizing Education Research and Practice: Graduate Student Symposium, 2017 (February), “Disrupting Colonial Land Practices in the Nigerian and Oklahoman Oil Industry,” University of Oklahoma, Jeannine Rainbolt College of Education.

Semiotic Society of America, 2002, 2000, “Nicaraguan, Ecuadorian, and Privileged Feminisms,” Trinity University, San Antonio, Texas and “Contemporary Cuban Iconoclastic Art: Pro Communist Images and Female Power Symbols,” Purdue University.

Central States Anthropological Society, 2001, 2000, “Women Factory Workers in Managua, Nicaragua,” University of Kentucky and “Feminism and Art in Quito and the Ecuadorian Coastal Region,” Indiana University.

Latin American Studies Conference, 2000, “Portraits of Imprisonment: English Speakers in Ecuadorian Women’s Prison,” Birmingham-Southern University, Alabama.

TEACHING EXPERIENCE & SERVICE

Honors Research

2023-24 *Racial Health Disparities*, Mathias Torres Tono

Instructor (of Record)

2023-24 *Environmental Studies Capstone*, Service-Learning Designation, Environmental Studies

2023 *Wealth, Power, and Prestige*, Sociology Department

2019-23 *Introduction to Sociology*, Sociology Department,

2018 *Native Peoples of North America*, (online, summer) Department of Anthropology

2018/2017 *Religion in Everyday Life*, (in-person/online) Department of Anthropology

Graduate Teaching Assistant

2019 *World Religions*, Dr. Thomas J. Burns, Sociology Department

Wealth, Power, and Prestige, Dr. Mitchell Peck, Sociology Department

2018 *Sociology of Deviance*, Dr. Christopher Hill, Sociology Department

2017 *Global Cultural Diversity*, Dr. Kim Marshall, Anthropology Department

Capstone in General Sociology, Dr. Loretta Bass, Sociology Department

Sociology of Family, Dr. Loretta Bass, Sociology Department

Sports, Competition, and Society, Dr. Rob Clark, Sociology Department

English Communication Capacity (ECC) Panelist

2019-2021 Completed English Certification Services Training, University of Oklahoma Graduate College

OUTREACH COORDINATOR FOR DOCS (Dialogue of Contemporary Sociology)

2019-2023 Meets bi-monthly to engage critically in examining recent publications in Sociology journals

INTERNATIONAL RESEARCH & SERVICE

NICARAGUA (2003, 2001). Co-leader and Delegate with Dr. Rick Axtell, Centre College, **Witness for Peace** Human Rights and Economic Justice Delegation, Managua and El Regadío

MEXICO (2003). Ethnographic Research with Dr. Phyllis Passariello, Centre College, Zapatista Communities and Language Schools in Chiapas and Tourism in the Mayan Ruins of the Yucatan

ECUADOR (2002, 1999). “Portraits of Imprisonment” with Dr. Mary Daniels and Dr. Phyllis Passariello, Centre College, Interviewed English Speakers in Women’s Prison in Quito

TIJUANA/ SAN DIEGO (2002). Studied U.S. and Mexico Border Relations and Immigration Policies, Dr. Thomas M. Davies and Dr. Mary Daniels, Center for Latin American Studies, San Diego State University/Centre College, Poverty, Exploitation, and Systemic Violence

CUBA (2000). Collaborative Research and Research Assistant with Dr. Phyllis Passariello, Centre College, Ethnographic Study of Santería, Veneration of Secular Saints, such as Che Guevara (Dr. Passariello), and Iconoclastic Political Art

ECUADOR (1999). Delegation of FUNEDESIN (Foundation for Integrated Education and Development), Amazon Rainforest, Sustainable Community Development Projects, Deforestation and Oil Exportation Effects

PROFESSIONAL AFFILIATIONS & ACADEMIC HONOR SOCIETY MEMBERSHIPS

American Sociological Association 2018 - present

Society for the Study of Social Problems 2019 - present

American Anthropological Association 2016 - 2018

Omicron Delta kappa (National Leadership Honor society), Centre college 2000-2002

Phi Sigma Iota (National Foreign Language Honor Society), 2000-2002

Sigma Delta Pi (National Spanish honor society), 2000-2002

REFERENCES

Dr. Thomas J. Burns

Dr. Tim Filley

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Dr. Loretta Bass

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Dr. Jeff Kelly

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Norman, OK 73019
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Dr. Zev Trachtenberg

**Director of Environmental Studies,
Professor of Philosophy**

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Dale Hall Tower, 605
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