

Curriculum Vitae
CASSIE C. LEE
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MAJOR PROFESSIONAL INTERESTS

Biomarkers; built environment; cardiometabolic disease; climate resilience; environmental health; greenspace exposure; geospatial analysis; life course; population health; machine learning methods

EDUCATION

2021-2025 Northwestern University (Evanston, IL)
B.A. in Environmental Sciences and Global Health Studies, *summa cum laude*
Minor in Data Science
Phi Beta Kappa

RESEARCH GRANTS AND FUNDING

- 2025 **Conference Travel Grant**, Baker Program in Undergraduate Research, Northwestern University: “Empirical testing of the role of greenspace in neighborhood social cohesion.” (WCAS-BAKER-CONFERENCE-24889; \$500)
- 2025 **Conference Travel Grant**, Office of Undergraduate Research, Northwestern University: “Empirical testing of the role of greenspace in neighborhood social cohesion.” (OUR-CTG-24876; \$500)
- 2025 **Conference Travel Grant**, Baker Program in Undergraduate Research, Northwestern University: “Dam-induced displacement and disruption are associated with cortisol concentration and patterns of diurnal variation.” (WCAS-BAKER-CONFERENCE-24243; \$500)
- 2025 **Conference Travel Grant**, Office of Undergraduate Research, Northwestern University: “Dam-induced displacement and disruption are associated with cortisol concentration and patterns of diurnal variation.” (OUR-CTG-24236; \$500)
- 2024 **Academic Year Undergraduate Research Grant**, Office of Undergraduate Research, Northwestern University: “ENCoRE: Evanston Neighborhood Community Relationships and the Environment.” Advisor: T.H. Horton. (OUR-OUR-ACADEMIC-YEAR-24049; \$1,000)
- 2024 **Conference Travel Grant**, Baker Program in Undergraduate Research, Northwestern University: “Social and ecological determinants of *Helicobacter pylori* infection in the Philippines.” (WCAS-BAKER-CONFERENCE-20023; \$500)
- 2024 **Conference Travel Grant**, Office of Undergraduate Research, Northwestern University: “Social and ecological determinants of *Helicobacter pylori* infection in the Philippines.” (OUR-CTG-20022; \$500)
- 2023 **Summer Undergraduate Research Grant**, Office of Undergraduate Research, Northwestern University: “Social and ecological determinants of *Helicobacter pylori* infection and its impact on cardiovascular disease risk in the Philippines.” Advisor: A.A. Miller. (OUR-SUMMER-17896; \$4,000)
- 2022 **Undergraduate Research Assistant Program**, Office of Undergraduate Research, Northwestern University: “Assessing variability and techniques to increase sample quality.” Advisor: A.A. Miller. (OUR-URASP-14203; \$1,550)

RESEARCH AWARDS

- 2025 Best 2024-2025 Academic Year URG Project, Fletcher Undergraduate Research Award, Office of Undergraduate Research, Northwestern University
- 2025 Environmental Sciences Senior Research Award, Northwestern Department of Earth, Environmental, and Planetary Sciences
- 2023 Best Poster Award, Northwestern Developmental Science Undergraduate Research Symposium
- 2023 Finalist, Fletcher Prize for Rising Undergraduate Research Star, Office of Undergraduate Research, Northwestern University

PUBLICATIONS

- 2025 Lee, C. C., Miller, A. A., Tallman, P. S., Collins, S. M., Gildner, T. E., Cepon-Robins, T. J., Lee, N. R., & McDade, T. W. (2025). *Helicobacter pylori* in the Philippines: Social and Ecological Determinants of Seropositivity and Lack of Association With Systemic Inflammation. *American Journal of Human Biology*, 37(5), e70069.
<https://doi.org/10.1002/ajhb.70069>
- 2024 Tallman, P. S., Miller, A. A., Brandley, S. R., Lee, C. C., Cepon-Robins, T. J., Gildner, T. E., & Collins, S. M. (2024). *Helicobacter pylori* exposure among the Awajún of the Peruvian Amazon: Prevalence and environmental, social, and biological associations. *American Journal of Biological Anthropology*, 184(4), e24941.
<https://doi.org/10.1002/ajpa.24941>

CONFERENCE PRESENTATIONS

- 2025 Lee, C. C. (2025, May 23). *Scenes of green: Neighborhood social cohesion and the measurement of greenspace exposure in Evanston, Illinois* [Oral Presentation]. Northwestern Undergraduate Research & Arts Exposition, Evanston, IL, USA.
- 2025 Lee, C. C., Gardiner, J. C., Foley, K., Kisicki, A., Buxton, R. T., Pearson, A. L., & Horton, T. H. (2025, March 26). *Empirical testing of the role of greenspace in neighborhood social cohesion* [Oral Presentation]. American Association of Geographers Annual Meeting, Detroit, MI, USA.
- 2025 Perez, J., Lee, C. C., Gardiner, J. C., Pfeiffer, K. A., Buxton, R. T., Pearson, A. L., & Horton, T. H. (2025, March 26). *Longitudinal changes in biomarkers of cardiometabolic health following a greening intervention in Detroit, MI* [Oral Presentation]. American Association of Geographers Annual Meeting, Detroit, MI, USA.
- 2025 Lee, C. C., Miller, A. A., McDade, T. W., & Owuor, P. M. (2025, March 12). *Dam-induced displacement and disruption are associated with cortisol concentration and patterns of diurnal variation* [Poster Presentation]. 50th Annual Meeting of the Human Biology Association, Baltimore, MD, USA.
- 2024 Lee, C. C., Miller, A. A., & McDade, T. W. (2024, March 20). *Social and ecological determinants of Helicobacter pylori infection in the Philippines* [Poster Presentation]. Program of the 49th Annual Meeting of the Human Biology Association, Los Angeles, CA, USA.

RESEARCH GROUPS AND POSITIONS

- 2024 Summer Undergraduate Research Assistant, Institute for Policy Research, Northwestern University: "Understanding the Impact of Dam-Induced Displacement," Laboratory for Human Biology Research. Advisor: T.W. McDade

2023-present Horton Research Group, Northwestern University

2022-present Laboratory for Human Biology Research, Northwestern University

MENTORSHIP AND TEACHING

2024-2025 Muntz Lassonde Undergraduate Teaching Assistant, Data Science with R sequence, Department of Statistics and Data Science

2024 Summer Undergraduate Research Grant Peer Mentor, Northwestern Office of Undergraduate Research

PROFESSIONAL AFFILIATIONS

MEMBERSHIPS

Human Biology Association