

MAJOR PROFESSIONAL INTERESTS

Environmental health; developmental origins of health and disease; population health; non-communicable disease; climate change; biomarkers; geospatial analysis; machine learning methods

EDUCATION

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

RESEARCH GRANTS

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

RESEARCH AWARDS

- 2023 Best Poster Award, Northwestern Developmental Science Undergraduate Research Symposium
- 2023 Finalist, Fletcher Prize for Rising Undergraduate Research Star

PUBLICATIONS

- 2024 Tallman, P., Miller, A., Brandley, S., **Lee, C.**, Cepon-Robins, T., Gildner, T., and Collins, S. *Helicobacter pylori* exposure among the Awajún of the Peruvian Amazon: Prevalence and environmental, social, and biological associations. American Journal of Biological Anthropology.

CONFERENCE PRESENTATIONS

- 2025 **Lee, C.C.**, Gardiner, J.C., Foley, K., Kisicki, A., Buxton, R.T., Pearson, A.L., Horton, T.H. [Oral Presentation] Empirical testing of the role of greenspace in neighborhood social cohesion. American Association of Geographers Annual Meeting (24-28 March 2025, Detroit, MI, USA).
- 2025 Perez, J., **Lee, C.C.**, Gardiner, J.C., Pfeiffer, K.A., Buxton, R.T., Pearson, A.L., Horton, T.H. [Oral Presentation] Longitudinal changes in biomarkers of cardiometabolic health following a greening intervention in Detroit, MI. American Association of Geographers Annual Meeting (24-28 March 2025, Detroit, MI, USA).
- 2025 **Lee, C.C.**, Miller, A.A., McDade, T.W., and Owuor, P.M. [Poster Presentation] Dam-induced displacement and disruption are associated with cortisol concentration and patterns of diurnal variation. American Journal of Human Biology 37.
- 2024 **Lee, C.C.**, Miller, A.A., and McDade, T.W. Social and ecological determinants of *Helicobacter pylori* infection in the Philippines. [Poster Presentation] American Journal of Human Biology 36.

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 Laboratory for Human Health and Action Research, Loyola University Chicago
- 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
American Association of Geographers