Olin C. Green

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Education

M.S. in Civil Engineering, Transportation and Urban Engineering, University of Connecticut, Storrs, Connecticut, August 2023

B.S. in Civil Engineering, *Cum Laude*, May 2021

Research Interests

Transportation Safety Analysis

Pedestrian Safety

Geospatial Analysis of Crashes

Transportation Equity and Environmental Justice

Human Rights and Transportation

Publications

Green, O., Ivan, J. N., Filipovska, M., Auguste, M. E., & Wang, K. (2023). Using Logistic Regression to Evaluate Pedestrian–Vehicle Interaction Severity at Side Street Green and Exclusive Phase Signals. *Transportation Research Record: Journal of the Transportation Research Board*, *2677*(9), 438–449. https://doi.org/10.1177/03611981231159120

Ivan, J. N., Wang, K., Auguste, M. E., & **Green, O.** (2023). *Safety Evaluation of Alternatives for Installing Pedestrian Signals Under Side Street Green Operation* (CT-2321-F-23-1). Connecticut Department of Transportation, Bureau of Policy and Planning Research Section. https://rosap.ntl.bts.gov/view/dot/78269

Conference Presentations

Green, O., Ivan, J. N., Auguste, M. E., & Wang, K. (2025). Safety Evaluation of Alternatives for Installing Pedestrian Signals Under Side Street Green Operation [Poster Presentation]. *Transportation Research Board* Annual Meeting, Washington, D.C.*
* Presented a second time as the 2024 AASHTO RAC High Value Research Award Winner for Connecticut in January 2025.

Green, O., Frazier, P., Chacon-Hurtado, D., Paxton, A., Ivan, J. N., & Marsh, K. L. (2024). Unveiling Safety Inequity: A Location-Based Crash Prediction Approach [Poster Presentation]. *Road Safety and Simulation Conference*, Lexington, Kentucky.

Green, O., Ivan, J. N., Auguste, M. E., & Wang, K. (2024). Safety Evaluation of Alternatives for Installing Pedestrian Signals Under Side Street Green Operation [Poster Presentation]. *Transportation Research Board* Annual Meeting, Washington, D.C.

Green, O., Ivan, J. N., Filipovska, M., Auguste, M. E., & Wang, K. (2023). Using Logistic Regression to Evaluate Pedestrian–Vehicle Interaction Severity at Side Street Green and Exclusive Phase Signals [Poster Presentation]. *Transportation Research Board* Annual Meeting, Washington, D.C.

Awards and Honors

El Instituto 2024-25 Pre-Doctoral Award, El Instituto: Institute of Latina/o, Caribbean, and Latin American Studies, University of Connecticut — Spring 2025

Outstanding Graduate TA Award, School of Civil and Environmental Engineering, University of Connecticut — Fall 2024

Pre-Doctoral Fellowship, University of Connecticut — Summer 2024

Outstanding Graduate TA Award, School of Civil and Environmental Engineering, University of Connecticut — Fall 2023

1st Place, Civil Engineering Senior Design Day, University of Connecticut — 2021

Dean's List (Engineering), University of Connecticut — 2017-2021

Babbidge Scholar, University of Connecticut — 2020

New England Scholar, University of Connecticut Honors Program — 2019

Work Experience

Graduate Assistant, Department of Civil and Environmental Engineering, University of Connecticut — 2021-Present

Engineering Intern for the Town of Mansfield, Department of Public Works, Mansfield, Connecticut — 2019-2021

Co-Owner, Spring Brook Farm, Storrs, Connecticut — 1999-Present

Teaching Experience

Transportation Engineering and Planning, Teaching Assistant, School of Civil and Environmental Engineering, University of Connecticut — Spring 2025

Introduction to Geographic Information Systems, Teaching Assistant, Department of Geography, Sustainability, Community, and Urban Studies, University of Connecticut — Spring 2024 & 2025

Applied Mechanics I, Teaching Assistant, School of Civil and Environmental Engineering, University of Connecticut — 2021-2024

Foundations of Engineering, Teaching Assistant, School of
Civil and Environmental Engineering, University of Connecticut Spring 2022

Technical/Non-Technical Skills

Software: ArcGIS Pro, R and RStudio, AutoCAD, Autodesk Civil 3D, MicroStation, OpenRoads, Microsoft Office, Autodesk Inventor

Other Proficiencies: Heavy farm equipment and machinery operator, land surveying