**Faculty Profile: Rebecca Kiriazes**

Assistant Professor

Department: Civil and Environmental Engineering

School: School of Engineering

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Education: Ph.D., Civil and Environmental Engineering, Georgia Institute of Technology, 2022

M.S., Civil and Environmental Engineering, Georgia Institute of Technology, 2020

B.S., Civil and Environmental Engineering, University of Florida, 2018

**Research Interests and Expertise:** Transportation engineering, transportation planning

**Biography:** Rebecca Kiriazes joined the Catholic University of America in 2022 where she currently is an assistant professor in the Department of Civil and Environmental Engineering. Rebecca’s research interest focuses on sustainable and safe transportation systems. Specifically, she works to model the impacts of new vehicle technologies systems on traveler behavior and the environment, develops and implements high school outreach safety engineering programs, and examines the impact of cyclist infrastructure. In addition to civil engineering research, Rebecca engages in university STEM education topics with a focus on first-year engineering and resilience.

**Five Selected Papers:**

1. Kiriazes, R. and Watkins, K. Impact and analysis of rider comfort in shared modes during the COVID-19 pandemic. Transportation Research Part A: Policy and Practice. 2022. https://doi.org/10.1016/j.tra.2022.08.019
2. Watkins, K., Berrebi, S., Diffee, C., Kiriazes, R., and Ederer, D. Analysis of Recent Public Transit Ridership Trends. National Academies of Sciences, Engineering, and Medicine, Washington, DC, 2020. https://doi.org/10.17226/25635.
3. Saracco, M., Kiriazes, R., Watkins, K., and Hunter, M. Carving up the Curb: Evaluating Curb Management Strategies for Ride-Hailing and Ride-Sharing Activity through Simulation. International Conference on Transportation and Development 2024. https://doi.org/10.1061/9780784485521.063
4. Berthaume, A., O’Donnell, B., Berg, I., Kiriazes, R., Zitzow-Childs, S., and Nwana, T. (2019) Upgrading the FHWA Work Zone Model Version 2.0 and Validating Its Performance Along I-91 in Springfield, Massachusetts. Transportation Research Record: Journal of the Transportation Research Board. No. 2674, TRB, National Research Council, Washington, D.C., 2020, pp.616-625.
5. Kiriazes, R. and Zerbe, E. Department Policy and Programs that Support NCEES FE Exam Prep in Civil and Environmental Engineering. American Society for Engineering Education (ASEE) Annual Conference Proceedings, 2022.

**Professional Activities (please also include STEM education/diversity/outreach activities)**

* Faculty Advisor for the American Society of Civil Engineering student group
* Faculty Advisor for the Society of Women Engineering student group
* Member of the Institute of Transportation Engineers