

# MIT-UF-NU 2024 Joint Summer Research Camp

## Program Description:

MIT-UF-NU 2024 joint summer research camp is organized by Prof. Jinhua Zhao from the Department of Urban Studies and Planning at MIT, Prof. Shenhao Wang from the Department of Urban and Regional Planning at the University of Florida, and Prof. Haris Koutsopoulos from the Department of Civil and Environmental Engineering at Northeastern University. The program targets to recruit students who have the ambition on conducting research in transportation and urban planning. The research camp will primarily take place remotely, and the length of the program is three months.

## Program Team:

- PI Team: [Professor Jinhua Zhao](#), [Professor Shenhao Wang](#), [Professor Haris Koutsopoulos](#)
- Postdoc/PhD Team: Yunhan Zheng, Xinyu Chen, Xinyi Wang, Dingyi Zhuang, Yuebing Liang, Joseph Rodriguez, John Moody

## Target Student:

Students who will apply for PhDs (and masters) in the upcoming 2024 fall semester.

- Background (type 1): major in urban planning, urban management, GIS, landscape, human geography, or architecture, but also with background and strong interests in machine learning or statistics.
- Background (type 2): major in transportation, civil engineering, computer science, or other engineering fields, but with strong interests in smart city applications.

## Anticipated Task:

- **[Conduct research]** After being matched with a doctoral student, the student should complete the research project designed by the doctoral student. Think about the research project in your own way and have some extensions.
- **[Paper writing and publication]** The student should collaborate with the doctoral student to complete a research paper based on the research project, submit it to a journal, and eventually publish it. This task is not limited to the summer of 2024 and should continue until the paper is published.
- **[Project presentation]** The student should present the results at the end of the summer research project (early September).

## Timeline:

- Application period: now to April 15<sup>th</sup>
- Applicants notification: late April
- Program kick-off meeting: late May or early June
- Research period: early June to early September
- Final project presentation: early September

## Application Portal:

For students who are interesting into this program, please fill out the following form:

<https://forms.gle/PmX3oPq26WJ8p1Pt6>