

Call for undergraduate Research Assistants

Physical and Social mobility NYCHA

National Science Foundation Grant

TITLE: SCC-CIVIC-PG Track A - The Lily Pad Neighborhood Mobility Hub Planning and Feasibility Study.

Project description

The proposed research project is to study the feasibility and create a conceptual plan for a resilient neighborhood-based mobility hub in the Rockaways Peninsula (“The Rockaways”), New York City, under CIVIC Track A. The mobility hub provides a single point of connectivity where different travel options: walking, biking, transit, and shared mobility – come together. It addresses the spatial mismatch between housing affordability and jobs by providing lower cost transportation choices, and last mile connections to high-speed transit and jobs. The mobility hub would also provide a framework to support vulnerable residents become more resilient to disasters. In times of crisis, it would transform to support in preparation, response, and recovery; providing connections to critical emergency services.

This planning feasibility study works directly with NYCHA and City Tech to close this gap in understanding the challenges for vulnerable communities. This starts with understanding the perspective of the residents and challenges in getting to work, accessing healthcare, education, and other essential services. The desired outcome is a concept for a mobility/resiliency hub tailored to Rockaways’ public housing development residents that can be replicated in NYC and beyond. Ultimately, it is envisioned that a network of mobility/resiliency hubs will help expand the reach of public transportation, provide a platform for increasing partnerships, and ultimately address the gap between housing and jobs.

Faculty team

Prof. Ilyia Azaroff FAIA, Principal Investigator
Prof. Jinwon Kim, Co-PI
Dean Gerarda Shields, Co-PI

Professional
April Schnieder, Stantec, Co-PI

Description of position

Research assistants undergraduate students
We are seeking up to **four (4)** undergraduate students as research assistants
Period of engagement: total of 16 weeks and up to 83 Hours each.
Rate of pay: \$18/hour.

Note: The research student shall not exceed the amount of hours allocated in the grant budget.

Qualifications

Students from Architecture, Engineering, Planning, Geography or the social sciences are preferred for this work.

Students should have skills in research and data visualization. Additional skills and programs preferred include: Planning, GIS, Adobe suite and Excell.

Interested Students should submit a resume, a statement of interest and samples of work that demonstrate graphic skills and past research along with at least one faculty reference.

Send materials to lazaroff@citytech.cuny.edu and JinKim@citytech.cuny.edu