



2024 NYC Summer Internship Program Application Form

Agency: NYCDOT

Division: BCPM

Address 1: 55 Water Street, 12th Floor

Address 2: New York, NY 10041

Contact: Adam Berkowitz

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Agency Description

With 5,500 staff, NYC DOT oversees one of the most complex urban transportation networks in the world, including 5,800 miles of streets, sidewalks, and highways; nearly 800 bridges; 1.3 million street signs; traffic signals at 11,900 signalized intersections; 300,000 streetlights; 69 million linear feet of markings; over 80,000 metered parking spaces; and the Staten Island Ferry. NYC DOT promotes the use of sustainable modes of transportation, designing bicycle facilities, bus lanes, and public plazas.

NYC DOT is committed to strengthening New York City communities and infrastructure to be more resilient in a changing climate, and our Resiliency Planning & Management unit (RPM), sets agency policy, develops strategic plans, and implements capital projects to protect against the threats of coastal storms, sea level rise, heavy rainfall, and extreme heat.

Unit Description

The position would work under the supervision of the director and an experienced member of the Resiliency Planning and Management (RPM) unit to support a number of ongoing research and implementation efforts related to the department's goal of protecting transportation infrastructure

against the effects of extreme weather and climate change, particularly coastal flooding and extreme heat.

Although the specific nature of the work can be adapted to the fellow's technical abilities, it is anticipated that the project will involve research and analysis and project coordination. Two of our most important current projects are policy and design focused, including a study of waterfront street ends as means to provide waterfront public access and coastal resiliency, and a study of measures to cool urban streets to mitigate the increasing impacts of Urban Heat Island effects. Examples of other potential research include tide and meteorological data for several important locations around New York Harbor, examining predictive methods used in other jurisdictions, consideration of the effects of sea level rise on critical locations, and the development of presentation tools related to these analyses.

RPM is consistently called on to weigh in on citywide policy and projects to improve resiliency and to respond to public concerns about climate adaptation.

Position Title Summer Intern – Resiliency Planning & Management

Internship Responsibilities

- Research, writing, analysis, and urban design related to climate change, adaptation, and resilience.
- Development of policy research questions and methods
- Coordination with other DOT units to receive input and prepare preliminary milestone deliverables for capital projects, as well as possible coordination with scientific experts, agency and public stakeholders
- Identification, manipulation, and analysis of spatial data using GIS, Excel, and/or other software
- Daily duties may include strategic and administrative preparation for meetings with DOT staff, other government agencies, Community Boards, consultants, and local stakeholders
- Must be able to work at least part-time in person at 55 Water Street

Qualifications/Special Skills/Area of Study

- Coursework related to urban planning, landscape architecture, geographic information systems, coastal and climate resilience, and project or program management
- Experience and familiarity with coastal protection strategies and projects implemented by the Department of Transportation
- Strong written, verbal, and interpersonal communication skills.
- Demonstrated ability to work and communicate effectively with people of diverse ethnic, economic, racial, and cultural backgrounds

- Excellent organizational and time management skills
- Ability to work independently and with a team
- Proficiency in data analysis, visualization, management, and other software programs such as Excel, Word, PowerPoint, Adobe Illustrator/InDesign, ArcGIS, ArcMap, Outlook. Familiarity with virtual platforms Zoom, Microsoft Teams a plus

Application Process

Please direct all resumes to Adam Berkowitz – aberkowitz@dot.nyc.gov – by Friday, April 12th.

Salary Range \$17.30/hour for undergraduate students; \$19.90/hour for graduate students

Internship may be used to fulfill college credit requirement.

Additional Information / Comments

This internship will allow the candidate to make important contributions to the City's understanding of best practices for managing public realm assets for extreme weather/climate while developing their professional skills. The candidate may improve their computer program skills in a variety of Microsoft Office products, ArcGIS, Adobe programs, and other related computer software. The candidate will also gain valuable experience working on a team, working with stakeholders of varying influence, advancing research and climate policy.

The City of New York is an inclusive equal opportunity employer committed to recruiting and retaining a diverse workforce and providing a work environment that is free from discrimination and harassment based upon any legally protected status or protected characteristic, including but not limited to an individual's sex, race, color, ethnicity, national origin, age, religion, disability, sexual orientation, veteran status, gender identity, or pregnancy.

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