

2014 NYC SUMMER INTERNSHIP PROGRAM

PARKS & RECREATION-058

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AGENCY DESCRIPTION

The New York City Department of Parks and Recreation manages 14 percent of the land in New York City. These assets range from playgrounds and large parks, to tranquil wooded areas and over 14 miles of beaches. Parks serve as New Yorkers' backyards, as vital meeting areas for outdoor play and recreation – but also as critical engines for economic growth and development.

The past decade has seen a remarkable expansion of this system, with new parks, playgrounds, recreational facilities, and amenities opening across the five boroughs. The Bronx River was transformed from an urban dumping ground into a waterway that welcomes kayakers and has gleaming new parks dotting its shoreline. In Queens, Elmhurst Park flourishes where huge gas tanks once stood. In Manhattan, the High Line is a unique open space that brings much needed parkland to the Chelsea community. Brooklyn's once-abandoned industrial waterfront is revitalized with the creation of Brooklyn Bridge Park, Transmitter, and Bushwick Inlet Parks. On Staten Island, Freshkills will cover 2,200 acres of former landfill with lush rolling hills and winding streams. And through PlaNYC, we are ensuring a greener and more sustainable city for future generations. NYC Parks has built new regional parks, restored abandoned Works Progress Administration-era facilities such as McCarren Pool, greened asphalt traffic medians, converted part-time schoolyards into full-time public playgrounds, and has already planted more than 800,000 trees toward our goal of one million.

The work of the agency goes far beyond the maintenance of 14% of New York City's land. Parks is the City's leading programmer of cultural, athletic and social activities, including nature walks, concerts, learn-to-swim classes, sports clinics, historic house tours, and much more. Each year Parks hosts annual events such as WinterJam, Adventures NYC, and the Pumpkin Festival. In addition, Parks produces many special events, concerts and movie premieres, as well as providing free rental equipment for skating, baseball, and miniature golf.

The Parks Commissioner is appointed by the Mayor to oversee and direct the work of the agency. The Commissioner appoints Deputy Commissioners, Borough Commissioners, and Assistant Commissioners who are responsible for managing the agency's divisions. These senior officials supervise the work of thousands of Parks employees. They work with elected officials to complete capital improvements for parks, playgrounds, and recreation centers. They work with the private sector to sponsor free public events. They get the community involved in Parks through volunteer initiatives and educational and athletic programming in recreation and nature centers. They prepare Parks' budget and monitor the work of Parks' ice-skating rinks, golf courses and other concessions.

UNIT DESCRIPTION

The Citywide Services Energy and Sustainability Team are responsible for energy conservation and sustainability efforts throughout the agency, and pursuing the GHG reduction goals outlined in PlaNYC. The team conducts energy audits of park facilities and manages the implementation of energy saving building upgrades. We guide the preventative maintenance program of Parks facilities and provide energy management and green building training. The team is also responsible for reviewing the monthly utility billing reports and resolve utility account and meter issues. The interns will work as a part of Citywide Services Energy and Sustainability Team. There may be projects they will be solely responsible for, but most activities will be a collaborative effort. The interns will report to the Energy Manager, Matt Brown, and primarily work out of the Five Boro Complex on Randall's Island.

POSITION TITLE

5-Boro Energy and Sustainability Intern

INTERNSHIP RESPONSIBILITIES

- Under supervision, perform on-site energy audits of Parks facilities, focusing on the major building systems: lighting, heating, cooling, walls/roof, etc.
- Analyze building energy performance by using utility bill information, spreadsheets, and energy modeling tools.
- Research and evaluate federal, state, and local energy programs and assist in securing energy efficiency grants.
- Produce marketing materials and update the sustainability program intranet page to communicate active projects to other Parks divisions and employees
- Assist in measuring and monitoring the energy performance before and after the installation of efficiency items including: high efficiency lighting, lighting occupancy sensors, pipe insulation, attic insulation, boiler controls, and renewable energy systems.

- Provide assistance with evaluating potential energy efficiency upgrades such as building weatherization, HVAC improvements, water conservation measures and installation of renewable energy systems.
- Conducting feasibility studies for renewable energy systems such as wind, solar thermal, and solar PV.
- Monitoring the performance of green (vegetative) roofing systems and measure their impact on building energy use.

QUALIFICATIONS / SPECIAL SKILLS / AREAS OF STUDY

- Excellent communication, organizational, and presentation skills.
- Proficiency in Microsoft Excel, PowerPoint, Word and knowledge of AutoCAD and Photoshop.
- Good working knowledge of energy conservation and sustainability improvements.
- Familiarity with building systems: boilers, HVAC, different lighting fixtures, lamp types, and energy efficient replacements.
- Engineering or Science major or equivalent technical program

APPLICATION PROCESS

Please email cover letter and resume to Leslie.Nusblatt@parks.nyc.gov

SALARY RANGE

Unpaid