

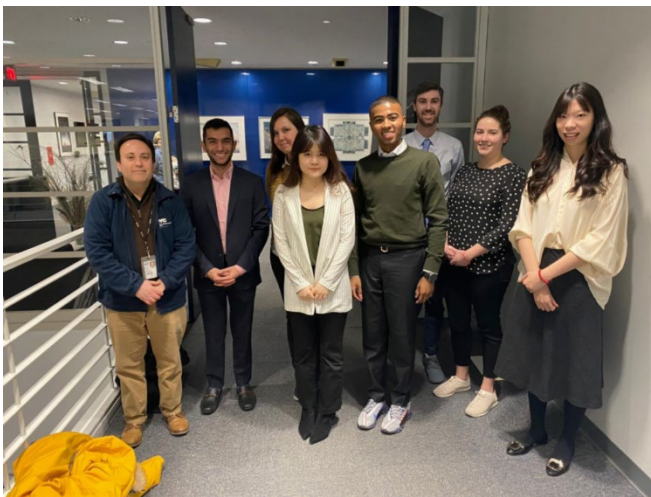
## **NYU Capstone Team Studies City Parts Operations**

By: Keith Kerman

Among the many changes due to COVID-19, schools and students at every level have been challenged to find new ways to keep education and learning moving forward. DCAS and OMB are pleased to have supported one example of this, the successful completion of an NYU Capstone Project that studied NYC Fleet's auto parts operations.

In FY19, NYC spent nearly \$80 million in auto parts, supplies, and related costs to service and support over 30,000 City fleet units, as well as horticultural equipment and machinery. Every repair and dispatch garage has some level of parts operation and staffing. The effective supply of these parts is critical to the provision of daily City services at agencies including NYPD, FDNY, DSNY, DOC, DOT, DEP, Parks, and DOC.

In 2011, DCAS, OMB, and the Mayor's Office of Operations introduced a strategic parts partnership and a new way to supply and inventory parts. In this model, a vendor supplies all parts for a garage through operations managed directly at our City facilities. The vendor assumes all risks for parts inventory and must meet performance requirements for parts availability. There are currently 15 garages employing this model and every agency makes use of this program in some way. Fleet also continues to operate the previous in-house model at a number of main facilities.



In their study, the students compared the two models of parts operations and looked at data from a DOT and a DSNY facility.

The students analyzed critical issues such as inventory management, parts costs, and staffing. The students also studied parts operations and approaches for other municipal fleet operations including Chicago, Los Angeles, Boston, Madison, Washington DC, and Denver.

The students will present on their findings at an upcoming Fleet

Federation meeting and their report will help advise future steps in parts management.

DCAS is proud to partner with schools to study fleet operations. Other recent projects looked at electric vehicle adoption and commuting practices.

We want to thank and congratulate the students on this important project and also on their graduation and degrees! We also want to thank the teams at NYU Wagner, OMB, and DCAS who coordinated this project.

**New MPAs: Jalil Austin, Jingyu (Iris) Li, Salima Moldokmatova, Qinglu (Lulu) Peng, Daniel Sedgh**

NYU: Professor Michael Dardia, Professor John P. Ceffalio

OMB Team: Demetra Papavlassopoulos, Mohammad Islam, Tim O'Leary, Margaret Pletnikoff

DCAS Team: Harris Kaplan, Eric Richardson, Dan Shinn-Krantz

**Wishing everyone a Happy and Healthy Memorial Day Weekend.**

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