

**Manhattanville in West Harlem Implementation Plan Report
October 15, 2018 Submission**

Declaration Reference and Key Data

Obligation Section Number: **5.07(c)(xxv)(F)**

Obligation Title: **Community Alert System**

Obligation Page Number: **59**

Obligation Trigger: **Acquisition by ESD or CU of all Initial Stage 1 Condemnation Parcel(s)**

Obligation Start Date: **March 12, 2012**

Obligation End Date: **March 12, 2037 (25 Years from Commencement of the Center's Full Operation)**

Obligation Status: **In Compliance**

Obligation: Innovation/Changed Conditions

In accordance with the Declaration of Covenant and Restrictions Section 5.08, Obligation 5.07 (c) (xxv)(F) is modified to clarify the obligation. In general, the scope of services to be provided has not been changed.

Original Language:

The Center shall include information about construction schedules, safety and mitigation for the Project. Columbia shall also provide a community alert system to notify subscribers about construction issues and a 24-hour hotline to provide callers with timely and regularly updated information about construction activity and employment opportunities related to the Project, and include the GPP Monitor on any related e-mail list serve.

Modified Language:

Community Alert System. Columbia shall provide a community alert system to notify subscribers about construction issues and a 24-hour hotline to provide callers with timely and regularly updated information about construction activity and employment opportunities related to the Project, and include the GPP Monitor on any related e-mail list serve. The annual report will identify the department within Columbia that administers the alert system.

Evidence of Compliance

1. Link to subscribe to notifications about construction issues and copies of construction schedules, safety and mitigation notices
2. Construction hotline phone number (212-854-2222)
3. Annual report

Columbia University's Implementation Plan and all supporting documentation are made available on the Community Services Webpage at <http://manhattanville.columbia.edu/community/benefits-and-amenities>.

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EOC Checklist for Obligation 5.07(c)(xxv)(F):

Please check to verify EOC items submitted for review.

- ☐ 1. Link to subscribe to notifications about construction issues and copies of construction scheduled, safety and mitigation notices
- ☐ 2. Construction hotline telephone number (212-854-2222)
- ☐ 3. Annual report

Monitor's Notes / Comments:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Status:

Please check to indicate the status of Obligation 5.07(c)(xxv)(F):

- ☐ In Compliance
- ☐ In Progress
- ☐ Not In Compliance
- ☐ Not Triggered

Community Alert System

**Link to subscribe to notifications about construction issues and
copies of construction schedules, safety and mitigation notices:**

<http://manhattanville.columbia.edu/construction-updates>

COLUMBIA | Manhattanville

ABOUT CAMPUS COMMUNITY NEWS EVENTS MAP



Construction Updates News Archive Press Media Kit

Construction Updates

Weeks of 10/1/18 and 10/8/18



What is Happening

The Forum

- Painting
- Punchlist, commissioning incomplete items

Phase 2 Foundations

- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation for west half of site (Site 7)
- Backfilling behind foundation walls
- Installation of underground plumbing

W. 132nd Street Demolition Prep

- Sidewalk repair
- Construction fence...

What to Expect

Construction Activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m.
Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st...

FULL UPDATE ▶



Deidre Chong, 5 years at Columbia Facilities

**CALL
4-2222**

Now There Is One Number for All of Your Facilities Needs

**CALL
4-2222**

Call the new Facilities Services Center at x4-2222, the new phone number for facilities services and information, campus-wide.

Call 4-2222 to:

- Report maintenance and housekeeping problems
- Request special Facilities services
- Follow up on the status or billing of an existing request
- Ask about Facilities programs, and how to obtain planning, design, engineering, or construction services



Mark Cabaroy, 18 years at Columbia Facilities

**CALL
4-2222**

Construction Questions?



Call the Columbia University Facilities
Services Center at 212-854-2222
24 hours a day, 7 days a week



E-mail projx@columbia.edu

www.neighbors.columbia.edu

Construction Job Referrals

As a service to those interested in employment with construction firms currently working at Columbia, the University has developed a referral process to provide its construction partners with information on potential employees.



Complete the referral application online
at <http://facil.columbia.edu/cref>



Visit the Columbia University Employment
Center at 3180 Broadway (just south of
West 125th Street)

Construction Contracting Opportunities

For more information on construction contracting opportunities, contact Columbia University Facilities at:



projx@columbia.edu



<http://facilities.columbia.edu>

Annual Report: Community Alert System

The Strategic Communications department of Columbia University Facilities and Operations issues weekly construction updates and monthly newsletters via e-mail to anyone who has subscribed to receive them.

These updates and newsletters are also posted online at:

<http://manhattanville.columbia.edu/construction-updates>

Additional Supporting Documentation

- Copies of Monthly Newsletters covering period October 2017 - September 2018
- Copies of Weekly Construction Updates covering period October 9, 2017 - October 8, 2018
- Distribution lists for Monthly Newsletters and Weekly Construction Updates



Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Ongoing testing, balancing, and commissioning of mechanical, electrical, and plumbing systems are nearing completion.

Lenfest Center for the Arts

Work substantially completed.

The Forum

Precast panels punch list. Roughing for mechanical, electrical and plumbing in the below-grade and street-level spaces. Masonry walls installation at the third level. Storefront frames and curtain wall frames are ongoing.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: foundation minipiles, concrete pile caps, concrete pressure slab, and tiebacks. The dewatering system is in operation.

Central Energy Plant (CEP)

Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Electrical system commissioning testing is ongoing.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is now open. Upcoming work will include planting of the perennials and remaining street trees.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the

Manhattanville campus. Operations training is ongoing.

Did You Know?



Gerrard Bushell, president and CEO of DASNY, using the Brain Index in the lobby of the Jerome L. Greene Science Center during a recent tour of the building. (Photo credit: DASNY)

The Dormitory Authority of the State of New York supported the construction of the Jerome L. Greene Science Center with the issuance of Green Bonds. Gerrard Bushell, president and CEO of DASNY, recently joined Columbia officials on a walkthrough of the Jerome L. Greene Science Center and Lenfest Center for the Arts at Columbia University's new Manhattanville campus. DASNY helps to finance and build health care and education institutions throughout New York State, and it issued \$50 million in Green Bonds to help fund construction of the Greene Science Center, which received LEED Gold certification from the U.S. Green Building Council along with the Lenfest Center for the Arts. (See page 3 of this newsletter to learn more about the LEED Gold certifications.)

Upcoming

On November 18, the Mortimer B. Zuckerman Mind Brain Behavior Institute is hosting the next "Saturday Science" with the theme "Ready, Set, Go." Visit zuckermaninstitute.columbia.edu/saturday-science for more information and to register to guarantee your attendance. Saturday Science, which occurs monthly during the school year, is free and open to the public.

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What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00am - 6:00pm Monday through Friday
 - Weekend work may be performed.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - No standing on West 125th Street between Broadway and West 129th Street.
 - There is a no parking zone in effect on the west side of Broadway from West 125th to 129th Streets.
 - Broadway sidewalk is open from West 129th to West 130th Street. The Broadway parking lane is a no parking zone.
 - West 131st Street between Broadway and 12th Ave is closed and will remain closed until early 2019.
 - West 130th Street between Broadway and 12th Ave is a no standing or parking zone.
 - West 129th Street between Broadway and West 125th Street is closed until the end of the year.

Community Amenities and Benefits

To access the Columbia University's [Community Services Website](http://manhattanville.columbia.edu), please visit: manhattanville.columbia.edu then click "Community" in the navigation menu.

Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the second quarter 2017 (April 1 to June 30), Columbia paid \$26,333,268 to MWL firms, representing 48 percent of total construction spend. \$22,497,536 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2017, Columbia paid \$195,776,353 to MWL firms, representing 38 percent of total construction spend, excluding the amount paid to the construction manager. \$87,990,053 of that figure was paid to local companies.

Construction Workforce

In the second quarter 2017 (April 1 to June 30), the MWL construction workforce delivered 28,540 hours worked, representing 48 percent of the total workforce hours for the construction of the new Manhattanville campus. 2,093 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2017, the MWL

construction workforce delivered 1,380,208 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 245,501 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partners Skanska USA/the Velez Organization (for the Forum) and Lendlease (for Phase 2 foundations/below-grade) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/jobs-opportunities.

Additional Information

This newsletter and our weekly construction updates (which contain more specific information about construction impacts) will be available on the web at manhattanville.columbia.edu and at various locations at the project site and throughout the Manhattanville area.

Please note that construction activities are subject to change based on field conditions. We appreciate the patience and cooperation of everyone who is temporarily inconvenienced by these projects.

Should you have questions about construction activity, call the Columbia Facilities Services Center at (212) 854-2222, 24 hours a day, 7 days a week, or e-mail projx@columbia.edu. For more project information, to view upcoming bid opportunities, and to sign-up for our e-mail updates visit manhattanville.columbia.edu.

Neighboring construction projects not related to Columbia

- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com

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Project News

Columbia's Manhattanville Campus Awarded LEED Gold Certification for First Two New Buildings



The Lenfest Center for the Arts (left) and Jerome L. Greene Science Center were both awarded LEED Gold certification for New Construction from the U.S. Green Building Council. (Photo: Victoria Benítez)

The Jerome L. Greene Science Center and Lenfest Center for the Arts – the first two new buildings constructed at Columbia's Manhattanville campus – have been awarded LEED® Gold certification from the U.S. Green Building Council (USGBC) under the New Construction rating system.

LEED, which stands for Leadership in Energy and Environmental Design, is the foremost program for the design, construction and operation of green buildings.

"The LEED Gold certification for both new buildings brings to life the principles embodied in Columbia's Sustainability Plan in connection with one of the University's largest and most visible initiatives," said David M. Greenberg, executive vice president of Columbia University Facilities and Operations. "These building designations are concrete demonstrations of the University's culture of sustainability, and they reflect the standard of environmental commitment at Manhattanville for years to come."

The Jerome L. Greene Science Center and Lenfest Center for the Arts achieved the Gold certification through a broad spectrum of strategies, from leveraging site advantages to innovative designs to reducing energy demand, using sustainable construction techniques, selecting sustainable materials and more.

The Manhattanville campus is no stranger to LEED recognitions. The campus's environmentally sustainable design and overall project plan achieved Stage 1 LEED Platinum certification under the USGBC's Neighborhood Development pilot rating system—the highest designation in the rating system. It is the first such award in New York City and the first given to a campus plan anywhere in the U.S.

Among the sustainable construction and design elements of the buildings include:

- The double-skin aluminum and glass façade of the Jerome L. Greene Science Center creates a high-performance envelope that acts as an insulation blanket to help keep the building warm in the winter and cool in the summer.
- Maximizing the use of natural light and thermal temperature at the Greene Science Center, solar sensors on the roof work continuously to raise or lower perimeter shades for maximum

heating or cooling efficiency, and intuitive lighting controls regulate internal brightness to maximize natural light flow in the workspace and conserve energy.

- To help reduce the energy load for heating at the Greene Science Center, radiant heat is emitted from hot water, which circulates through tubing embedded in the concrete floor slab at the perimeter of each floor. In addition, air-handling units are equipped to recover heat from the exhausted air and add it to the supplied air.
- To reduce energy demand for air conditioning at the Greene Science Center, chilled water passes through chilled beams that are suspended from the ceilings at the perimeter of the floors and within the major open laboratory spaces.
- Maximizing select products from local and regional manufacturers within 500 miles of the project site and using recycled building materials reduced waste and minimized the University's carbon footprint when constructing the buildings.
- Encouraging alternative forms of transportation through proximity to mass transportation; shuttle bus service between campuses and transportation hubs; bicycle racks and bicycle share programs; and carpool programs helps to reduce the carbon footprint of occupants traveling to and from the buildings.
- Features of the Small Square open space, such as water efficient landscaping and the selection of native plants; light-colored paving materials to reduce the heat island effect; and reclaimed wood for the fabrication of furniture and benches.

"While the LEED Gold designations should be celebrated by everyone affiliated with Columbia, the honors have added meaning to the members of our team whose hard work and unwavering focus on sustainability helped ensure the buildings received the recognition they deserved," said Marcelo Velez, vice president of Columbia's Manhattanville Development Group. "Many of the buildings' sustainability features were innovations in their own right, and I anticipate that some features will become models for scientific research buildings around the world, which are inherently high-demand energy buildings."

In addition, construction at Manhattanville follows a model clean construction program, which includes the prioritization of electric equipment over diesel equipment; the use of the latest diesel emission control technology for on road and off road equipment when diesel is required; a wheel washing system for trucks that uses a high volume of recycled water, and other efforts addressing air quality, noise and vibration reduction and pest management. Infrastructure improvements led to reduced wastewater overflow into the Hudson River by an estimated 1.5 million gallons per year.

Previously, interior renovations for a portion of the second floor of the Studebaker building received a LEED Silver designation for Commercial Interiors, and renovations of other spaces in the building are aiming to receive a Silver designation at a minimum. The Studebaker building is a former car finishing plant now retrofitted as an administrative building for Columbia University located within the Manhattanville campus.

Looking ahead to future construction in Manhattanville, Columbia University has committed to constructing all new buildings at the campus to LEED Silver certification, at a minimum.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northwest



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking northeast



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





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Community News

Community Wellness Center for West Harlem Opens on New Manhattanville Campus



Dr. Olajide Williams, chief of staff of neurology and associate professor of neurology at Columbia University Medical Center, leads the InTOUCH program at the Wellness Center to raise awareness and prevent strokes, one of the leading causes of death and disability in the United States.

Two Columbia University Medical Center doctors are leading a new community Wellness Center, located at 610 W. 130th Street in the Jerome L. Greene Science Center on the University's new Manhattanville campus. Neurologist Olajide Williams, MD, and psychiatrist Sidney Hankerson, MD, are known for their pioneering approaches to improving public health in Harlem and Washington Heights. The Wellness Center will operate with support from Columbia's [Mortimer B. Zuckerman Mind Brain Behavior Institute](#).

"When we committed ourselves to creating a new kind of open, accessible campus in [Manhattanville](#), we knew it would be essential for Columbia to use this as an opportunity to deepen our partnerships with the local community," said Columbia University President Lee C. Bollinger. "Dr. Williams and Dr. Hankerson are rightly admired for the innovative work they have done to engage individuals, families and organizations in improving health and wellness in Harlem and Washington Heights."

(Story continues on page 3)

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Upcoming



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(Over)

Community Wellness Center for West Harlem Opens on New Manhattanville Campus—Continued from page 1

The Wellness Center houses three programs: the Institute for Training Outreach and Community Health, *InTOuCH* program, Mental Health First Aid, and free blood pressure readings and cholesterol tests.

The Institute for Training Outreach and Community Health, *InTOuCH*, is designed to raise awareness about one of the leading causes of death and disability in the United States. The free program offers eight-week training sessions, to be held throughout the year that will give local residents the tools they need to become community health workers. Volunteers will learn about cardiovascular health issues, with a special emphasis on stroke and related risk factors. The first three cohorts of trained volunteers are well underway. Community members interested in participating in the program should contact the senior program manager, Harmon Moats, for an appointment by calling the Wellness Center at (212) 853-1147 or emailing hlm9@cumc.columbia.edu.

The program, modeled on the Centers for Disease Control and Prevention's training curriculum for community health workers, is led by Dr. Williams, chief of staff of neurology and associate professor of neurology at Columbia University Medical Center, founder of Hip Hop Public Health; and co-director of the Center for Stroke Disparities Solutions in New York. "I live in Harlem, I raised my children in Harlem, I have worked in Harlem my whole career as a neurologist, and I recognized the painful disparities that plague communities of color," said [Dr. Williams](#). "I don't think that we, as physicians, will be able to realize the type of outcomes that our local communities desperately need if we do not venture out of the four walls of our hospitals. By extending our work through this new Wellness Center, we're fulfilling our fundamental responsibility as physicians and healers to our immediate community."

The Mental Health First Aid (MHFA) is a program dedicated to improving access to quality mental health services in Upper Manhattan. To address the hurdles faced by African Americans and Latinos when it comes to getting mental health treatment, the program works with local faith communities, training leaders to identify and respond to signs of depression and other mental illnesses, as well as substance-use disorders like alcoholism and drug addiction. Dr. Hankerson, assistant professor of clinical psychiatry at Columbia University, College of Physicians & Surgeons and the New York State Psychiatric Institute, is directing MHFA trainings at the Wellness Center. His team will teach members of the community to combat the stigma often associated with mental health issues and help others seek medical care. Mental Health First Aid also provides mental health resources onsite at the Wellness Center. To learn more, or sign up for a Mental Health First Aid Course, please contact Dr. Faith Miller-Sethi via phone (212) 853-1148 or email Faith.Miller@nyspi.columbia.edu.

"The Wellness Center is going to be a hub for health in West Harlem," said [Dr. Hankerson](#). "We know that people of color, African Americans and Latinos, are disproportionately affected by chronic medical conditions, such as high blood pressure, diabetes, depression, anxiety and stroke. Our goal is to promote education, awareness and engagement so people can get the help and healing that they need."

In addition to the stroke and mental health awareness programs, the Wellness Center also provides [free blood pressure readings and cholesterol screenings](#) to all who walk in at 610 W. 130th Street. Free walk-in screenings are currently available Monday to Friday,



Dr. Sidney Hankerson, assistant professor of clinical psychiatry at Columbia University, College of Physicians & Surgeons and the New York State Psychiatric Institute, directs the Mental Health First Aid (MHFA) program trainings at the Wellness Center. The MHFA is dedicated to improving access to quality mental health services in Upper Manhattan.

9 a.m. to 5 p.m., with weekend hours anticipated in the future. Visitors are given records of their results, as well as information on ways they can improve their health. Wellness Center staff also offers information about free and low-cost clinical resources in the neighborhood and within the New York-Presbyterian/Columbia University Medical Center community. Printed materials and other resources are available in English and Spanish. Services at the Wellness Center are provided by [ColumbiaDoctors](#).

The three offerings at the Wellness Center join other amenities on the ground floor of the Jerome L. Greene Science Center that are open to the public. The "Education Lab" at 609 W. 129th Street is a neighborhood-based resource for brain science education, supporting free public programs that harness the groundbreaking research of Columbia's Zuckerman Mind Brain Behavior Institute in creative and exciting ways for school children, science teachers, families, after-school groups and seniors.

The street-level Education Lab, which is designed to resemble Columbia's Zuckerman Institute's research laboratories, offers a variety of hands-on-brain science programs year-round. These programs include: [Saturday Science](#), free monthly events held throughout the school year to explore the workings of the brain through hands-on activities and unique scientific resources; a Public Lecture Series and Teacher-Scholar Program that introduces middle and high school science teachers in New York City to cutting-edge brain science; Brain Research Apprenticeships in New York at Columbia (BRAINYAC), a program that provides an immersive science research experience in which high school students—primarily from upper Manhattan and the Bronx—train and work in Columbia neuroscience laboratories; and Community Brain Expo featuring scientific activities for all ages. These exciting programs are intended to provide the next generation of scientists and people of all ages with an understanding of brain science and how it applies to their everyday lives.

"This is going to be an amazing opportunity for collaborations, for the development of new partnerships between scientists, between physicians, between psychologists, and most importantly members of the West Harlem community to really identify how we can provide the best care delivered in a culturally sensitive way, and how we can positively impact the lives of people in West Harlem," said Hankerson.

(Over)

Construction Progress Images



Phase 2 foundations site, looking north



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right), with the Small Square in the foreground, looking east



The Forum, looking east



Aerial view looking northeast

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





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Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

Precast panels punch list. Roughing for mechanical, electrical and plumbing in the below-grade and street-level spaces. Storefront glass and curtain wall glass are ongoing. Roofing installation. Roughing for electrical shutdown to energize Forum switchgear.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: foundation minipiles, concrete pile caps, and concrete pressure slab. The dewatering system is in operation.

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Work substantially completed.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is now open.

Phase 1 Emergency Generator Project

An emergency generator plant was installed on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Operations training is ongoing.

Community News

Minority-, Women- and Locally Owned Businesses Grow with the Help of Columbia



Members of the first cohort of the CU Grow program at the graduation ceremony on November 29. CU Grow is a Columbia-initiated program designed to help minority-, women- and locally owned (MWL) vendors of the University grow their businesses.

Like any other small business owner, Anne Whitman, president and CEO of Hudson Moving & Storage Co., was so preoccupied with her company's day-to-day operations that a deep-dive reflection into her business seemed like a pipe dream. That's one reason why she jumped at the chance to join a business coaching program led by Columbia University created to help small businesses grow.

Hudson Moving & Storage Co. is one of 23 vendor companies that are part of the inaugural cohort of the CU Grow Executive Coaching program. CU Grow is a Columbia-initiated program designed to help minority-, women- and locally owned (MWL) vendors of the University grow their businesses.

In the program – which launched in February 2017 – a principal of each participating business is matched with an executive coach pooled from University administrators and partner organizations based on the specific needs of the business and the coach's areas of expertise.

"CU Grow simultaneously addresses two important goals for participating vendors – improving their current business opportunities while working strategically on their future," said Radhy

(Story continues on page 3)

What to Expect

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 - West 131st Street between Broadway and 12th Ave is closed and will remain closed until early 2019.
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Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the second quarter 2017 (April 1 to June 30), Columbia paid \$26,333,268 to MWL firms, representing 48 percent of total construction spend. \$22,497,536 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2017, Columbia paid \$195,776,353 to MWL firms, representing 38 percent of total construction spend, excluding the amount paid to the construction manager. \$87,990,053 of that figure was paid to local companies.

Construction Workforce

In the second quarter 2017 (April 1 to June 30), the MWL construction workforce delivered 28,540 hours worked, representing 48 percent of the total workforce hours for the construction of the new Manhattanville campus. 2,093 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2017, the MWL

construction workforce delivered 1,380,208 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 245,501 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partners Skanska USA/the Velez Organization (for the Forum) and Lendlease (for Phase 2 foundations/below-grade) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/jobs-opportunities.

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- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Now Open: The Wellness Center



The Wellness Center, located at 610 W. 130th Street in the Greene Science Center, is home to two programs dedicated to empowering the community through mental health and stroke prevention education, along with providing free blood pressure readings, cholesterol screening, and A1C Glucose testing. Programs and services at the Wellness Center are free and available to the public. Visit the Center to learn more.

(Over)

Minority-, Women- and Locally Owned Businesses Grow with the Help of Columbia – *Continued from page 1*

Miranda, CU Grow program director and assistant director at Columbia University Facilities and Operations. “On many levels, the program’s purpose is quite intuitive – finding more opportunities at Columbia and with large partner institutions for vendors that we are already working with, while also helping them grow their business for the future.”

Over the course of the nine-month program, the coaches led the business owners through a curriculum developed by the Columbia University School of Professional Studies (SPS) designed to help vendors create a growth plan, connect them with resources to gain specific knowledge and review their overall business plan.

“Our goal in developing the program’s curriculum was to have coaches use a field-tested, semi-structured model to think through a business’s strengths, needs and priorities that would help participants evaluate their current business models and establish a growth plan to expand their horizons with confidence,” said Will Cortes, director of Executive Education at Columbia University’s School of Professional Studies. “The School of Professional Studies is proud to have developed a coaching curriculum that supports minority, women and local business owners and reflects Columbia University’s focus on quality, value, and excellence.”

Whitman of Hudson Moving & Storage was paired with coach Danielle Douglas of Inspire Enterprise who used the Columbia University SPS curriculum to collectively take a deep look into her business and identify areas for improvement. Since the time that the CU Grow program began, Whitman has already relaunched her company’s website with mobile viewing in mind – a recognition that the world is far past the place where desktop computers are the dominant platform.

To Whitman, the business strategy was only the beginning of the program’s benefits. “CU Grow has such a strong focus on fulfilling the name of the program – growing your business,” she commented. “The networking opportunities go beyond building great relationships with purchasing representatives at Columbia and partnering organizations. We are building relationships with fellow program participants, where we are actively supporting and doing business with each other.”

“It is fantastic that Columbia is reaching out to the community and to minority- and women-owned businesses and championing them through this program,” she continued.

In addition to the capacity building and coaching, there is a strong emphasis to build vendor relationships with purchasers at Columbia and with University affiliates and partners in an effort to lead to more contracting opportunities. Program participants have the opportunity to participate in four procurement events over the course of the nine-month program, in addition to a presentation and Q&A from an executive in Columbia’s procurement office.

To be eligible for the program, vendors must be certified minority- or women-owned business enterprises, or be based in Upper Manhattan or the South Bronx, have annual revenue between \$250,000 and \$5 million, and be an existing vendor of the University or provide a product or service in need at the University.

Since launching the program in February 2017, vendors in the CU Grow program have received more than \$12 million from Columbia University for services rendered (through November 2017).

To Tanya Pope, assistant vice president for University Supplier Diversity and Construction Business Initiatives at Columbia



West Side Stone and Marble, a vendor participant of the CU Grow program, at work in a Columbia University building.

University Facilities and Operations, creating the program was a logical step following the Corporate Alliance/Columbia University MWL Construction Trades Certificate Mentorship Program, which Facilities and Operations designed and implemented with five cohorts over the course of six years from 2008 to 2014. Firms that graduated from the mentorship program earned \$33 million in construction and maintenance spend with the University through December 2014.

“Once we had identified firms and helped to build their capacity over six years of the mentorship program, the natural outgrowth was to ensure that they were doing business across Columbia’s six campuses and with Columbia’s large institutional partners – all while continuing to refine their business strategies,” said Pope.

In addition to the School of Professional Studies, the partnerships of other organizations with Facilities and Operations have been critical to the program’s successful launch. The Harlem Commonwealth Council provides bi-weekly courses following a business development curriculum for vendors participating in CU Grow’s Opportunity to Grow/Capacity Building track. Vendors in this track have the same coaching sessions and participation in procurement events as the other CU Grow vendors, with the additional coursework on topics such as financing, marketing, pitching and other business skills.

“CU Grow is a logical extension of the business education and principles imparted during the previous mentorship program,” said Robert Lopez, president of Blue Water Construction & Restoration Corp., a participant in the second cohort of Columbia’s MWL Construction Trades Mentorship Program from 2009 to 2011. “In the time since we completed the mentorship program, our company has continued to find ways large and small to work with the University. Our participation in CU Grow offers our business another opportunity to expand our relationships across the University while we get to show our support and appreciation for Columbia’s efforts to create these valuable, community-focused initiatives.”

“What I love is how personalized this program is for the unique needs of each participating business,” commented Quenia Abreu, CEO and founder of the New York Women’s Chamber of Commerce, who is serving as a coach in the CU Grow program. “It is a complete program that brings all the pieces of the business puzzle together – including training, business coaches, city and state resources and contracting opportunities inside and outside of Columbia.”

The first cohort concluded in late November with each vendor participant presenting their plan for growth in front of an expert panel, which was followed by a graduation ceremony.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northwest



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



Glass façade installation on the north side of the Forum



Aerial view looking northeast

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

Precast panels punch list. Roughing for mechanical, electrical and plumbing in the below-grade and street-level spaces. Storefront glass and curtain wall glass are ongoing. Roofing installation. Roughing for electrical shutdown to energize Forum switchgear.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: foundation minipiles, concrete pile caps, concrete pressure slab, and importing drainage stone. The dewatering system is in operation.

Central Energy Plant

Work substantially completed.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is now open.

Phase 1 Emergency Generator Project

An emergency generator plant was installed on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Operations training is ongoing.

Project News

Lenfest Center for the Arts Honored with Prestigious Architectural Merit Award from AIA New York



The Lenfest Center for the Arts at Columbia's Manhattanville campus, which was awarded a prestigious 2018 AIA-NY Merit Award. (Photo: © Nic Lehoux)

The Lenfest Center for the Arts, the second new building completed at Columbia's Manhattanville campus, was recognized with a 2018 Merit Award in the Architecture category from AIA New York, the oldest and largest chapter of the American Institute of Architects.

The eight-floor, 60,000-square-foot Lenfest Center for the Arts, which opened in April 2017, was designed by Renzo Piano Building Architects, with Davis Brody Bond as executive architect, Body Lawson Associates — a Harlem-based certified Minority Business Enterprise — as associate architect and James Corner Field Operations as landscape architect for the Small Square open space.

The building features multiple venues for Columbia University's School of the Arts. The building includes four venues: the Miriam and Ira D. Wallach Art Gallery, which is free and open to the public; the 150-seat Katharina Otto-Bernstein film screening room; a flexible performance space; and a presentation space for readings, symposia, and seminars.

A largely monolithic massing – dictated by the program needs – the Lenfest Center appears to levitate above the highly transparent ground floor lobby, which becomes visually continuous with the

(Story continues on page 3)

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Construction Contracting

In the third quarter 2017 (July 1 to September 30), Columbia paid \$13,416,116 to MWL firms, representing 52 percent of total construction spend. \$6,841,383 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through September 30, 2017, Columbia paid \$209,171,054 to MWL firms, representing 39 percent of total construction spend, excluding the amount paid to the construction manager. \$94,831,436 of that figure was paid to local companies.

Construction Workforce

In the third quarter 2017 (July 1 to September 30), the MWL construction workforce delivered 38,063 hours worked, representing 45 percent of the total workforce hours for the construction of the new Manhattanville campus. 4,510 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through September 30, 2017,

the MWL construction workforce delivered 1,436,102 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 252,952 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

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Now Open: The Wellness Center



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(Over)

Lenfest Center for the Arts Honored with Prestigious Architectural Merit Award from AIA New York — *Continued from page 1*



The flexible performance space at the Lenfest Center for the Arts. (Photo: © Nic Lehoux)

surrounding outdoor spaces. Like all new buildings on the Manhattanville campus, the transparent ground floor is designed to invite the community into the building – and in the case of the Lenfest Center, to partake in the building’s many opportunities available to the public including the exhibits at the Wallach Gallery.

A jury of independent architects, educators, critics, and planners from outside New York City convened at the Center for Architecture in early January to select the 32 winning projects of the 2018 AIA New York Design Awards. To qualify for an award, submitted projects had to be completed by AIA NY members, architects/designers practicing in New York, or be New York projects designed by architects/designers based elsewhere. Twelve of the 32 winners are projects located in New York City.

The 32 selected projects and the architecture firms that designed them represent the exceptional work by AIA New York members and architects practicing in New York City in four categories: Architecture, Interiors, Projects, and Urban Design. Each winning project was chosen for its design quality, response to its context and community, program resolution, innovation, thoughtfulness, and technique. Recipients will be featured in AIA New York’s Oculus magazine and will be on view at the Center for Architecture’s 2018 AIA NY Design Awards exhibition, opening April 20, 2018.

Founded in 1857, AIA New York’s members include over 5,000 practicing architects, allied professionals, students, and public members interested in architecture and design.

The AIA New York Merit Award is the second accolade that Columbia University earned for the Lenfest Center for the Arts. In late 2017, ENR New York awarded the Lenfest Center with a “Best Projects” honor in the Cultural/Worship category.



The Katharina Otto-Bernstein film screening room at the Lenfest Center for the Arts. (Photo: © Nic Lehoux)

January 2018 Update

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Community News: Wallach Art Gallery Winter Family Events



The next Family Afternoon at the Wallach Gallery, which is free and open to the public, is scheduled for Saturday, February 10 from 1 p.m. to 3 p.m.

Explore the Wallach Art Gallery’s winter exhibition, *Arthur Mitchell: Harlem’s Ballet Trailblazer*, and enjoy free family programming!

Wallach Family Afternoons

Saturday February 10, 1 p.m. to 3 p.m.

A fun and creative afternoon of storytelling, movement, and art-making inspired by the incredible life of dance visionary Arthur Mitchell.

Wallach Sketch Sessions

Thursday February 22, 2 p.m. to 4 p.m.

Come draw at the Wallach Art Gallery during this special mid-winter recess edition of Sketch Sessions designed especially for kids. Program repeats on the half-hour; drawing materials provided.

Programs are free and while best suited for ages 5 and up, all are welcome! For more information visit wallach.columbia.edu. Questions? Email wag_programs@columbia.edu.

Be sure to visit *Arthur Mitchell: Harlem’s Ballet Trailblazer*, on display January 13 to March 11, 2018. The Wallach Art Gallery at the Lenfest Center for the Arts (615 W. 129th Street) is open Wednesday to Friday, noon to 8 p.m., and Saturday and Sunday, noon to 6 p.m.

Community News: “Saturday Science” at the Education Lab

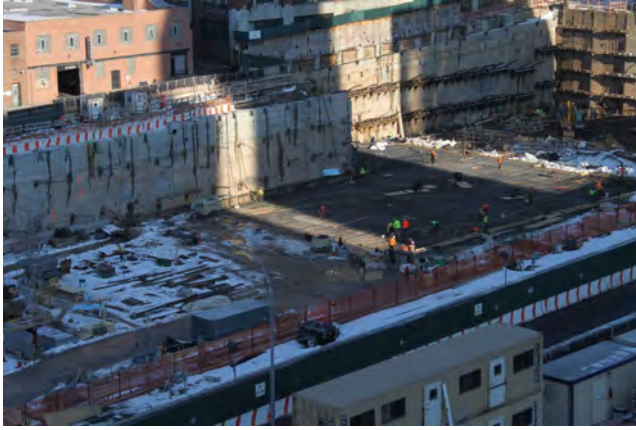


Photo: Michael DiVito

On February 10, the Mortimer B. Zuckerman Mind Brain Behavior Institute is hosting the next “Saturday Science” with the theme “From Disease to Discovery” Visit zuckermaninstitute.columbia.edu/saturday-science for more information and to register to guarantee your attendance. Guests can arrive at any time between 1 and 4 p.m. Saturday Science, which occurs monthly during the school year, is free and open to the public.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking northeast



Aerial view looking northeast

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Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

Roughing for electrical devices. Trenching and shoring at W. 129th Street. Framing and sheet rocking throughout building. Mechanical, electrical and plumbing systems completion and testing.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: foundation minipiles, concrete pile caps, concrete pressure slab, and importing drainage stone. The dewatering system is in operation.

LEED® Gold Certification for New Construction

The Jerome L. Greene Science Center and Lenfest Center for the Arts



Community News

Scholarship applications now available for Little Lions Camp this summer



Since 2009, Columbia University has offered more than 200 scholarships to the West Harlem Development Corporation to select locally eligible children to attend Columbia University's Summer Little Lions Camp.

The West Harlem Development Corporation (WHDC) is now receiving applications for scholarships for Little Lions Camp for this summer. Since 2009, Columbia University has offered more than 200 weekly scholarships to the WHDC to select locally eligible children to attend Little Lions Camp.

Eligible applicants for a scholarship must be Manhattan Community District 9 residents between the ages of 6 through 12. Manhattan Community District 9 is bounded by Cathedral Parkway on the south; 155th Street on the north; Manhattan, Morningside, St Nicholas, Bradhurst, and Edgecombe Avenues on the east; and the Hudson River on the west.

The camp consists of sports and games typically including basketball, whiffle ball, volleyball, soccer, track, frisbee, dodgeball, gaga ball, and more, along with activities such as arts and crafts, scavenger hunts, and trivia games. Many of the counselors and instructors at Little Lions Camp are Columbia students, student-athletes and coaches. In addition to the expert staff, campers have access to Columbia's Division 1 athletic facilities. Applications for scholarships are available on the WHDC website at westharlemdc.org. Applications are due to the WHDC by Thursday March 15.

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(Over)

Community News

Apply to CU Grow, a Leadership Development Program for Vendors



Members of the first cohort of the CU Grow program at their graduation ceremony in November. Recruitment is active for the program's second cohort, set to launch in April 2018.

Columbia University is seeking established Minority, Women and Local Business Enterprises (MWLBE) to apply to be part of the second cohort of CU Grow, a Columbia-initiated program designed to help MWLBE vendors of the University grow their businesses.

To be eligible for the program, vendors must be certified minority- or women-owned business enterprises, or be based in Upper Manhattan or the South Bronx, have achieved a level of success, and be an existing vendor of the University or provide a product or service in need at the University.

Program participants engage with skilled coaches, attend sessions to enhance their business acumen, network with industry business leaders and create a growth plan to chart their companies' growth. In addition, there is a strong emphasis to build vendor relationships with purchasers at Columbia and with University affiliates and partners in an effort to lead to more contracting opportunities. Participants will have the opportunity to participate in procurement events over the course of the program.

Interested firms can attend an information session on Thursday March 1 at 4 p.m. To register to attend the information session, or to apply to be part of the second cohort, visit cufo.columbia.edu/cu-grow.

Community News

Columbia Emeritus Professors and School of Professional Studies Present Spring 2018 Speaker Series in West Harlem

Emeritus Professors in Columbia (EPIC) is a professional and social fellowship of people who have formally retired from their Columbia careers as university professors, researchers, and administrators but are still professionally active. Since its founding in 1998, EPIC has worked to continually expand its portfolio of activities and in 2017 launched its first Speakers Series in collaboration with the CU School of Professional Studies (SPS) Community Relations office.

The Series, coordinated by Morningside Retirement and Health Services (MRHS), is free and open to the public, and will be held at 100 LaSalle Street, Room #MC. For more information: 212-666-4000 or ronb@mrhsny.org.

PROGRAM SPRING, 2018

March 14, 7 PM

Ferdinand Ofodile, Clinical Professor Emeritus of Surgery, Columbia University Medical Center, will speak on: 'The Diaspora and The

Medically Underserved: A Case for a New Approach.' This is an illustrated talk about Professor Ofodile's experience working with Diaspora groups to provide medical aid in Africa and the Caribbean.

April 18, 7 PM

Phyllis Tribble, Baldwin Professor Emerita of Sacred Literature, Union Theological Seminary, will speak on: 'Eve and Adam in the Gardens.' For millennia, readers have interpreted the story of "Adam and Eve" by pandering to him and blaming her for their expulsion from the Garden of Eden (Genesis 2-3). But there are more excellent ways. This talk will undercut the traditional reading by exploring anew the story of Eve and Adam as they enter the Gardens of Morningside.

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Mischa Schwartz, Charles Bachelor Professor Emeritus in Electrical Engineering, School of Engineering and Applied Science, Columbia University, will speak on: 'Engineers in America – Early History.' Professor Schwartz chronicles infrastructure development in the United States in the early to mid-1800s, then follows briefly with the development of engineering education in the US concluding with the birth of Columbia's School of Mines in 1864, and the department of Electrical Engineering within it in 1892.

Community News

Columbia University Partners with Local Community Organizations to Create a Festive Holiday Evening for Local Families in Need



On December 22, Columbia University Facilities and Operations and Skanska joined with Morningside Gardens, Parish Care Ministry, NYPD 26th Precinct, Harlem United, St. Mary's Harlem, and Morningside Retirement and Health Services to bring "Winter Wonderland" to Riverside Church. Winter Wonderland provided children and families living in transitional housing in West Harlem the opportunity for a festive and fun night out. In addition to music and dancing, children could select wrapped presents ranging from toys and clothing, to homemade gifts. Volunteers served families a homemade dinner while guests were able to enjoy a holiday evening with their families. The successful event brought together many neighborhood organizations and helped support members of the local community.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking east



Aerial view looking northeast

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

High pressure steam piping on W. 129th Street. Framing and sheet rocking throughout building. Mechanical, electrical and plumbing systems completion and testing.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and shear walls, concrete pile caps, concrete pressure slab, and importing drainage stone. The dewatering system is in operation.

LEED® Gold Certification for New Construction

The Jerome L. Greene Science Center and Lenfest Center for the Arts



Community News

Apply to be part of the next cohort of Columbia's Community Scholars



Columbia Community Scholars with staff from Columbia University's Office of Government and Community Affairs. (Credit: Columbia University's Office of Government and Community Affairs)

Columbia established the Community Scholars Program as part of its commitment to the community in connection with the Manhattanville campus expansion. The program offers adults from northern Manhattan access to Columbia University services and resources; it was designed to support and facilitate the work of individuals toward the completion of a particular project, or toward attaining skills in a specific area of interest. Services and resources are provided at no cost to participants, and include access to all University libraries, course auditing privileges, dialogue with scholars in their field of study, and the ability to participate in seminars and social events developed specifically for the group. Since 2013, Columbia has selected a total of 22 local community residents to participate as Community Scholars.

Applications for the Fall 2018 Scholar cohort are being accepted through April 26. In order to apply, you must be a Borough of Manhattan resident living north of 96th Street and cannot have a current affiliation with Columbia University.

Applications and more information are available at the Government and Community Affairs website, gca.columbia.edu/columbia-community-scholars-program.

What to Expect

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Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the third quarter 2017 (July 1 to September 30), Columbia paid \$13,416,116 to MWL firms, representing 52 percent of total construction spend. \$6,841,383 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through September 30, 2017, Columbia paid \$209,171,054 to MWL firms, representing 39 percent of total construction spend, excluding the amount paid to the construction manager. \$94,831,436 of that figure was paid to local companies.

Construction Workforce

In the third quarter 2017 (July 1 to September 30), the MWL construction workforce delivered 38,063 hours worked, representing 45 percent of the total workforce hours for the construction of the new Manhattanville campus. 4,510 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through September 30, 2017,

March 2018 Update

the MWL construction workforce delivered 1,436,102 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 252,952 hours of that figure were performed by the local workforce.

Jobs and Opportunities

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Now Open: The Wellness Center

The Wellness Center, located at 610 W. 130th Street in the Greene Science Center, is home to two programs dedicated to empowering the community through mental health and stroke prevention education, along with providing free blood pressure

(Over)

Community News

There are many upcoming workshops, lectures and events taking place in the months ahead, free and open to the public. Learn about some of the upcoming events below.

School of the Arts Hosts an Experimental Writing Workshop Open to the Public on April 7

Taught by Allison Parrish, “Electronic Poetry: Writing with Rules and Computation” is an experimental writing workshop, free and open to the public, that introduces participants to the practice of procedural poetry writing—poems made by rules, constraints, appropriation, and chance—with digital tools freely available on the Internet. The workshop will focus on teaching how to use Tracery, a computer language that makes it easy to create expressive text generators with no prior knowledge of computer programming. Over the course of the workshop, participants will be able to experiment with writing poems using this technique—creating a prototype for something that could be later developed on a larger scale. No previous coding experience necessary, all levels welcome.

Allison Parrish is a computer programmer, poet, educator and game designer whose teaching and practice address the unusual phenomena that blossom when language and computers meet, with a focus on artificial intelligence and computational creativity.

The workshop is free and open to the public and will take place on April 7 from 11 AM to 1 PM in Prentis Hall, Room 315 at 632 West 125th Street. Please contact wallach@columbia.edu to RSVP.

The School of Professional Studies Presents Hip-Hop Education: Propelling and Preserving the Movement, a Columbia Community Scholars Dialogue Event, April 11

As Hip-Hop music approaches its 45th anniversary, Martha Diaz, Regan Sommer McCoy, and Peter Noel — three Columbia University Community Scholars — will explore the role of Hip-Hop education and its pedagogical and preservation value. Together they will explore how Hip-Hop education happens and how it is evolving, including the creation of more than 30 institutions focused on the legacy of Hip-Hop.

Martha Diaz is a community organizer, social entrepreneur, media producer, archivist, curator, and educator. Regan Sommer McCoy is a music industry veteran, information technology professional, and active organizer of projects that bring artists, DJs, techies, and scholars together to preserve Hip-Hop history and promote Hip-Hop education. Peter Noel is a journalist with 30 years experience in investigative reporting for The Village Voice, The Amsterdam News and others.

This event is free and open to the public, and will be held on April 11 at 6:40 PM in the Faculty House, Skyline Ballroom at 64 Morningside Drive. For questions, please contact George Calderaro, Director of Community Relations, at gc2212@columbia.edu.

Columbia Emeritus Professors and School of Professional Studies Present Spring 2018 Speaker Series in West Harlem

Emeritus Professors in Columbia (EPIC) is a professional and social fellowship of people who have formally retired from their Columbia careers as university professors, researchers, and administrators but

are still professionally active. Since its founding in 1998, EPIC has worked to continually expand its portfolio of activities and in 2017 launched its first Speakers Series in collaboration with the CU School of Professional Studies (SPS) Community Relations office.

The Series, coordinated by Morningside Retirement and Health Services (MRHS), is free and open to the public, and will be held at 100 LaSalle Street, Room #MC. For more information: 212-666-4000 or ronb@mrhsny.org.

PROGRAM SPRING, 2018

April 18, 7 PM

Phyllis Trible, Baldwin Professor Emerita of Sacred Literature, Union Theological Seminary, will speak on: ‘Eve and Adam in the Gardens.’ For millennia, readers have interpreted the story of “Adam and Eve” by pandering to him and blaming her for their expulsion from the Garden of Eden (Genesis 2-3). But there are more excellent ways. This talk will undercut the traditional reading by exploring anew the story of Eve and Adam as they enter the Gardens of Morningside.

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June 6, 2 PM

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“Saturday Science” at the Education Lab on April 21



Children experiencing the wonders of the brain at a previous Saturday Science event (Credit: Michael DiVito/Columbia University).

On April 21, the Mortimer B. Zuckerman Mind Brain Behavior Institute is hosting the next “Saturday Science” with the theme “Trick Your Brain.” “Saturday Science” is held at the Education Lab at the Jerome L. Greene Science Center (609 W. 129th Street). Visit zuckermaninstitute.columbia.edu/saturday-science for more information and to register to guarantee your attendance. Guests can arrive at any time between 1 and 4 PM. Saturday Science, which occurs monthly during the school year, is free and open to the public.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships





Growing Together

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The Forum

Installation of ceiling, ceramic tiling, flooring, permanent lighting and devices. Mechanical, electrical and plumbing systems completion and testing. Starting site work.

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Community News

The All of Us Research Program is coming to New York City on May 6

The All of Us Research Program wants to speed up health research and medical breakthroughs. Grab your family and friends for an afternoon of community, conversation, and more! This free, family-friendly community event will feature health screenings, interactive health demos, entertainment, music, healthy food, and more. This event is taking place on May 6 from 1:00 - 5:00 PM at the Abyssinian Baptist Church at 132 Odell Clark Place in Manhattan.

Community Health Fair : 1:00 – 3:30 PM

Program Kick-Off: 3:30 – 5:00 PM

For more information, please visit launch.joinallofus.org, call 212-305-2838, or email allofus@cumc.columbia.edu.

Community News

Columbia Hosts Career Expo, Providing Local Job Seekers with New, Diverse Opportunities



On Tuesday, March 27, over 270 job seekers including more than 100 residents from West Harlem and surrounding communities attended a Career Expo hosted by Columbia University at Columbia's Roone Arledge Auditorium. Participants met with hiring managers from 31 organizations, including departments across Columbia University, security firms, the construction industry, and more.

The event also gave job seekers an opportunity to connect with representatives from job skills training organizations. The Columbia Employment Information Center hosted free job preparedness trainings throughout the day and taught participants how to apply for jobs within Columbia's employment website.

The Columbia Employment Information Center also provides useful employment services and training programs for obtaining meaningful work at Columbia University or elsewhere in the community at its location at 3180 Broadway. The Center is open Monday through Friday, 9:00 AM to 5:00 PM to answer questions and provide information related to construction activity and employment opportunities. Walk-ins are welcome, or an appointment can be scheduled by contacting ceic@columbia.edu or 212-851-1551.

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Construction Workforce

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Cumulatively from August 1, 2008, through December 31, 2017, the MWL construction workforce delivered 1,485,063 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 257,517 hours of that figure were performed by the local workforce.

April 2018 Update

Page 2 of 4

Jobs and Opportunities

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(Over)

Community News

There are many upcoming workshops, lectures and events taking place in the months ahead, free and open to the public. Learn about some of the upcoming events below.

What Can Neuroscience Contribute to Economics? Seminar on May 7

Economics, psychology and neuroscience, among other disciplines, all have staked their claim to the study of decision-making. New technologies to examine human and animal brains alongside behavior — and the increased spatial and temporal resolution of those technologies in recent years — have brought these fields even closer together. Combining psychological and economic models with behavioral and neural correlates, Neuroeconomics is a burgeoning area of research that has grown exponentially in the past 15 years. Experts from a variety of fields have turned to neuroimaging, electrophysiology, EEG/EMG/EKG, and other neuroscientific tools to investigate and attempt to tease apart highly complex decision-making behaviors. This has led to a number of new breakthroughs in understanding how humans and other organisms ascribe value to, and calculate risk for, social, preferential, and ambiguous stimuli in their environments. What are the best uses of neuroscience in economics research, and how can these be further refined and improved upon? Does an increased emphasis on the neural correlates of behavior expand or limit the types of questions that are now investigated? What does the future hold for our understanding of the human mind, and what are the implications for economics and the decision sciences?

Speaker:

Ernst Fehr, Professor of Economics and Director of the UBS International Center of Economics in Society, University of Zurich

Respondents:

Jacqueline Gottlieb, Professor of Neuroscience, Columbia University
Ifat Levy, Associate Professor of Comparative Medicine and Neuroscience, Yale University

Moderator:

Michael Woodford, John Bates Clark Professor of Political Economy, Columbia University

This event is free and open to the public and will take place on May 7 from 4:15 - 6:15 PM in Faculty House at 64 Morningside Drive. RSVP is required. Please contact presidentialscholars@columbia.edu for more information.

Columbia Emeritus Professors and School of Professional Studies Present Spring 2018 Speaker Series in West Harlem

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Did you know?

Columbia University Facilities and Operations is Offering a High School Internship Program for Summer—Apply Now



Participants in the 2017 Columbia University Local Community High School Summer Internship Program. Students living in Northern Manhattan and the South Bronx can apply to this summer's program, which provides participants with practical work experience across Columbia University Facilities and Operations.

This summer Columbia University Facilities and Operations is offering a number of paid internships for high school students living in the local community (Northern Manhattan and South Bronx) looking to gain real work experience before graduation. Previous work experience is a plus, but is not required.

Various interactive activities will be available during the internship to promote learning and increase exposure to various aspects of facilities, design and construction management programs. If you have an interest in urban planning, architecture, engineering, communications, construction, finance or are looking for a rewarding work experience, we want to hear from you!

The paid internships begin on July 9, 2018 and end on August 17, 2018. Applicants must be at least 16 years old at the time of the start of the internship.

Interested students who meet the requirements below should apply by May 18, 2018, at: cufo.columbia.edu/intern2018.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships





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Phase 2 Foundations

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Did You Know?

Throughout the year, guided visits of the Wallach Art Gallery (located at 615 West 129th St.) are available for adult groups. Discover multiple perspectives for understanding works on view in a setting that supports and encourages close looking, critical thinking and informal discussion between visitors. Hour-long guided visits center around key objects on view in the gallery and group discussion. Independent group visit opportunities are also available.

Both guided and independent group visits require advance registration. Visits are free of charge and require two-weeks minimum advance notice. To register your group, please contact Wag_Programs@columbia.edu.

Community News

Columbia University celebrates opening of Community Wellness Center



Photo: Eileen Barroso

On April 10, Columbia University celebrated the opening of its community Wellness Center in the Jerome L. Greene Science Center in West Harlem on Broadway at 130th Street. The event was attended by over 200 guests, including Columbia University President Lee C. Bollinger, Manhattan Borough President Gail Brewer, New York City Councilman Mark Levine, local public housing residents, Nobel Prize winner Dr. Eric Kandel and New York City Commissioner of Health and Mental Hygiene, Gary Belkin.

Physicians Olajide Williams and Sidney Hankerson will direct the Wellness Center. In remarks at the April 10 event, they outlined their vision for the range of care the Center will be able to provide to residents in West Harlem. Williams and Hankerson, a neurologist and psychologist respectively, are well known throughout the community for their pioneering approaches to improving public health in Harlem and Washington Heights.

Located on the ground floor of the Jerome L. Greene Science Center, the Wellness Center provides health resources to area residents. [ColumbiaDoctors](#) host community-based initiatives that train members of the Harlem community to become health advocates to prevent stroke and promote mental health. The center also provides free cholesterol and blood pressure screenings, health insurance enrollment, weight counseling, and other services. It operates with support from Columbia's Mortimer B. Zuckerman Mind Brain Behavior Institute.

(Continued on page 3)

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As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years. We are working with our construction partners Skanska USA/the Velez Organization (for the Forum), Lendlease (for Phase 2 foundations/below-grade), and Turner Construction (for the Business School) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/jobs-opportunities.

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BioBus Summer Camp 2018

Enrollment is now open for summer camps at BioBase Harlem @ Columbia's Zuckerman Institute! This summer, the curriculum will introduce concepts of engineering and design to young audiences through the lens of nature. We plan to explore the concepts of biomimicry, patterns and design in nature, and 3D printing.

Working side-by-side with Ph.D. scientists, students will use \$35,000+ university-grade microscopes in a real lab setting. Students will also engage in a plethora of other scientific practices such as chromatography and designing models for 3D printing. Students will be encouraged to express themselves scientifically, through various outlets, such as art projects and presentation of models. In addition, students will travel to one of New York's premier museums to explore design principles and art.

Week-long sessions available:

- July 16-20
- July 23-27 – Girls Only

The cost to attend is \$650+ \$150 materials per week. Need-based financial aid is available. The deadline to apply (with a non-refundable \$125 deposit) is May 31, 2018. Please visit <http://www.biobus.org/summercamp> for more information.

Columbia University celebrates opening of Community Wellness Center – continued from page 1

The Wellness Center's Community Health Worker Stroke Prevention program is designed to raise awareness about one of the leading causes of death and disability in the United States. The free program includes six-week training sessions held throughout the year to give local residents the tools they need to become community health workers. Volunteers learn about cardiovascular health issues, with a special emphasis on stroke and related risk factors. The program is led by Dr. Williams, chief of staff of neurology and associate professor of neurology at Columbia University Medical Center; founder of Hip Hop Public Health; and co-director of the Center for Stroke Disparities Solutions in New York.

"When we committed ourselves to creating a new kind of open, accessible campus in Manhattanville, we knew it would be essential to use this as an opportunity to deepen our partnerships with the local community," said Columbia University President Lee C. Bollinger.

"I live in Harlem, I raised my children in Harlem, I have worked in Harlem my whole career as a neurologist, and I recognized the painful disparities that plague communities of color," said Dr. Williams. "I don't think that we, as physicians, will be able to realize the type of outcomes that our local communities desperately need if we do not venture out of the four walls of our hospitals. By extending our work through the Wellness Center, we're fulfilling our fundamental responsibility as physicians and healers to our immediate community."



Attendees of the Wellness Center opening speak with Columbia University President Lee C. Bollinger and Dr. Lee Goldman, Executive Vice President and Dean of the Faculties of Health Sciences and Medicine. (Photo: Eileen Barroso)

The Wellness Center is also home to Mental Health First Aid, a program dedicated to improving access to quality mental health services in Upper Manhattan. The program helps address the hurdles facing African Americans and Latinos when it comes to getting mental health treatment. Mental Health First Aid works with local faith communities, training leaders to identify and respond to signs of depression and other mental illnesses, as well as substance-use disorders like alcoholism and drug addiction. Dr. Hankerson, assistant professor of clinical psychiatry at Columbia University, College of Physicians and Surgeons and the New York State Psychiatric Institute, will direct the program. His team will teach members of the community to combat the stigma often associated with mental health issues and help others seek medical care.

"The Wellness Center is a hub for health in West Harlem," said Dr. Hankerson. "We know that people of color, African Americans and Latinos, are disproportionately affected by chronic medical conditions, such as high blood pressure, diabetes, depression, anxiety and stroke. Our goal is to promote education, awareness and engagement so people can get the help and healing that they need."

May 2018 Update

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The Columbia University Wellness Center is a community center: a safe space designed to support community health and wellness through partnerships and collaboration. To borrow the words of author and physician Mark Hyman, "the power of a community to create health is far greater than any doctor, clinic or hospital." Services at the Wellness Center will be provided by Columbia Doctors. Printed materials and other resources are available in English and Spanish.

Community News

Students Complete Mentorship Program under Guidance from Manhattanville Team



Students and mentors from the 2017-18 Manhattanville Team, part of the ACE Mentorship program

For the ninth year, members of Columbia's Manhattanville Development Group joined with its professional services partners in giving back to the community by mentoring a team comprised of high school students from across all five boroughs, including students from Columbia Secondary School and Frederick Douglass Academy, as part of the Architecture, Construction and Engineering (ACE) Mentorship program.

The program, which takes place over the course of the academic year, provides students with real-world exposure and access to the architecture, construction and engineering industries, and includes a city-wide contest where teams compete on various criteria as they develop plans and models for a simulated construction project.

This year's final presentation took place at Columbia University's Morningside campus. Students on the Manhattanville team presented designs for a theoretical project that would be located on the Large Square, a green space between the two buildings that will make up the Columbia Business School in Manhattanville.

The theoretical project — modeled after the U.S. Solar Decathlon — consisted of two, 1,200-square-foot sustainable housing prototypes. The homes were designed to have 50 percent of materials sourced locally, generate energy on-site, employ rainwater collection technology and water use/re-use strategies, and have energy-efficient heating and cooling systems (HVAC), appliances and electronics. The sustainable housing project allowed students to design a space familiar to them (i.e. a home) while also learning about various sustainable housing strategies.

The students were mentored by professionals at Columbia's Manhattanville Development Group, and architects, engineers and construction managers from Lendlease, WSP, Jaros, Baum & Bolles (JB&B), and Dattner Architects.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

Installation of ceiling, ceramic tiling, flooring, permanent lighting and devices. Mechanical, electrical and plumbing systems completion and testing. Starting site work. Curtainwall at west elevation. Exterior GFRC.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and shear walls, concrete pile caps, concrete pressure slab, and importing drainage stone. The dewatering system is in operation.

Community News

A Campus Built for Sustainability

By Georgette Jasen, Office of Communications and Public Affairs



Wilmouth Elmes, senior engineering advisor at Manhattanville.

It isn't just the important scientific research and art produced and exhibited at Columbia University's new [Manhattanville](#) campus that will be cutting edge. From the outset, the 17-acre site in West Harlem was designed and built to be a model of sustainable architecture, urban design and clean construction practices.

The innovative campus plan—designed by Renzo Piano Building Workshop with Skidmore Owens and Merrill—was awarded a Stage 1 LEED-ND platinum certification for neighborhood development, the highest rating given by the U.S. Green Building Council. It is the first such certification in New York City and the first for a campus anywhere in the country. (LEED stands for Leadership in Energy and Environmental Design.)

Among the campus features that helped earn that certification are proximity to public transportation, tree-lined pedestrian-friendly sidewalks, ample public open space, reduced energy consumption and a waste recycling program. The open, accessible campus is intended to provide a public amenity and enhance connections between the community and the renovated Harlem Piers Park west of Riverside Drive.

From its [Earth Institute](#) to its architecture school, Columbia is a globally recognized leader in academic research on climate change and sustainable development. "There is agreement from the top down, the University is committed to helping to protect our environment," said Wilmouth Elmes (SEAS'80), senior engineering advisor at Manhattanville. "The systems we put in place use less energy, less water and less electricity."

(Continued on page 3)

Community News

Wallach Art Gallery Family Afternoon on June 23

Calling all families! Come explore the *Relational Undercurrents: Contemporary Art of the Caribbean Archipelago* exhibit and stay for related art making activities on Saturday, June 23 from 1:00-3:00pm at the Wallach Art Gallery, located in the Lenfest Center for the Arts at 615 West 129th Street. Artist Charles Juhasz-Alvarado will also present.

Relational Undercurrents: Contemporary Art of the Caribbean Archipelago is on view at the Wallach Gallery now through September 23 and is free and open to the public.

What to Expect

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 - Broadway sidewalk is open from West 129th to West 130th Street. The Broadway parking lane is a no parking zone.
 - West 131st Street between Broadway and 12th Ave is closed and will remain closed until early 2019.
 - West 130th Street between Broadway and 12th Ave is a no standing or parking zone.
 - West 129th Street between Broadway and West 125th Street is closed until approximately July 2018.

Community Amenities and Benefits

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Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

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June 2018 Update

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Jobs and Opportunities

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Did You Know?

Columbia University's new Jerome L. Greene Science Center in Manhattanville occupies land that in the early part of the 20th century was owned by Sheffield Farms, a historic private commercial endeavor that successfully addressed one of the most critical health issues of that time: the challenge of supplying healthy milk to expanding urban populations increasingly distant from rural dairy farms.

To commemorate this rich and largely unknown history of our community, Columbia has developed an exhibit called *Sheffield Farms, the Milk Industry, and the Public Good*. It's part of a broader understanding of this once-thriving industrial area that leads us to see Manhattanville as a true New York Nexus.

The exhibit is located at in the Nash Building at 560 W. 133rd St. and is free and open to the public. Please email projx@columbia.edu to schedule a viewing.

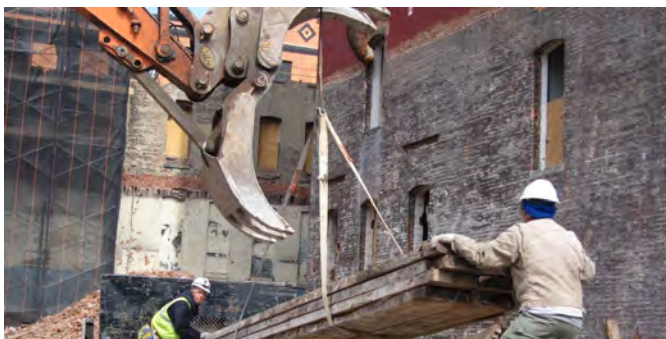


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A Campus Built for Sustainability — continued from page 1

A central energy plant beneath the first two buildings open on campus, the [Jerome L. Greene Science Center](#) and the [Lenfest Center for the Arts](#), reduces energy consumption by 27 percent compared to conventional systems.

It also minimizes the release of carbon dioxide into the atmosphere—a factor in climate change—as well as other pollutants. “There’s a lot of stuff we would be breathing if we didn’t do this,” said Elmes. “We take that very seriously.”



More than 90 percent of building materials from demolition at the new Manhattanville campus have been recycled, including longleaf pine, which the University has used to create reclaimed conference tables and other furniture.

The Greene Science Center, home to the Mortimer B. [Zuckerman Mind Brain Behavior Institute](#), is one of the most energy efficient buildings in Manhattan, he said. Also designed by Renzo Piano, the building and its technical systems won a Diamond Award, the highest, from the American Council of Engineering Companies of New York. Its structure and systems are designed to reduce heat loss in winter and stay cooler in summer, with a building-management system that can respond to changing outdoor temperatures and energy use indoors. The double-glass exterior allows abundant natural light and virtually eliminates noise from the nearby elevated subway. The floors were reinforced to reduce vibrations from the subway that could damage sensitive scientific instruments.

At the outset of construction, the University worked with the Environmental Defense Fund to develop practices that contractors must use to reduce the impact on the environment and minimize disruption to the community. Every truck or crane that enters the site must use the latest pollution-control equipment, and idling motors are not permitted. As construction vehicles leave the site, their wheels are washed so dust isn’t tracked through neighborhood streets.

“We know asthma is a problem in Harlem,” Elmes said. “Practices like these could save a child’s life.” Other efforts to reduce the impact on the neighborhood and the environment include sound monitors around the site that ensure compliance with city noise codes. And construction waste is recycled, with recovered materials now being used in projects around the world.

“I’ve been in this business 50 years, and this is the most exciting thing I’ve worked on,” said Elmes.

Community News

Columbia-Harlem SBDC and Columbia Dining Partner to Launch the Uris Incubator Program

By: Bashar Makhay, Office of Government and Community Affairs

The Harlem Local Vendor Program (HLVP)—a partnership between the Columbia-Harlem Small Business Development Center (SBDC), Harlem Park to Park, Hot Bread Kitchen Incubates, Whole Foods

Market, and others—is designed to help manufacturers of locally made consumer goods increase their business acumen and capacity so that they may contract with more and larger retailers. Columbia Dining supports these local vendors with its purchasing power, having spent over \$100,000 to date, and is furthering its efforts and solidifying its commitment to local vendors through the launch of the Uris Incubator Program.

The new Uris Incubator Program connects select graduates of the HLVP to Columbia University students by selling their products at Blue Java Cafe at Uris Hall and hosting monthly demonstrations so that students can meet the producers and sample their new products. If successful, products will be expanded to other cafes throughout Columbia University, and in some cases they will be incorporated into student meals in dining halls.

While they are developing their products, HLVP participants have the opportunity to receive advice from Columbia MBA students with expertise in marketing, operations, and finance. In the spring, tables are set up weekly in Uris Lobby for HLVP business owners to learn about pricing, packaging, positioning, and promotion from their eventual customers, Columbia University students.

Students have continuously expressed a desire to buy local, sustainably sourced food and other products; sourcing from the HLVP is one of many opportunities that Columbia University has developed in response. Current vendors include Hot Bread Kitchen, which hires new Americans to bake breads that are used throughout the University Dining system; Spadét, a Green America–certified business that sells olive oil–based soaps and beauty products, available in restrooms in Faculty House and for sale at the Jerome L. Greene Science Center; Clean Plate Co., which sells the Hot Bread Kitchen Incubator–made (and often sold-out) smoked gouda macaroni and cheese in the Uris Blue Java Cafe; Kamuni Creek Beverages, Caribbean beverages using tropical super fruits; and Vy Higginsen’s Mama’s One Sauce, which can be found throughout campus dining halls.



Vy Higginsen (left), proprietor of Mama’s One Sauce, and Davie Simmons, owner of Kamuni Creek Beverages, displaying two of the Harlem-born products for sale at Columbia University as part of the Uris Incubator Program. Photo credit: Bashar Makhay, Office of Government and Community Affairs

To learn more about the HLVP and the Uris Incubator Program, visit the Columbia-Harlem SBDC website at www8.gsb.columbia.edu/sbdc and, while visiting campus, be sure to look out for locally made products sold by HLVP graduates.

This article was originally featured in The Columbia Newsletter and can be found on the Office of Government and Community Affairs website: gca.columbia.edu

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking east



Aerial view looking northeast

Sustainable Partnerships





Growing Together

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Project Scope

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Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

Installation of ceiling, ceramic tiling, flooring, permanent lighting and devices. Mechanical, electrical and plumbing systems completion and testing. Starting site work. Curtain wall at west elevation. Exterior glass fiber reinforced concrete.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and shear walls, and importing drainage stone. The dewatering system is in operation.

Project News

Inaugural Group of Obama Foundation Scholars at Columbia University Coming to Manhattanville Campus



Coming this fall, the first class of Obama Foundation Scholars at Columbia University will take up residence at the Forum at Columbia's Manhattanville campus. More information on the Obama Foundation Scholars at Columbia University is featured on page 3.

Project News

\$25 Million of Contract Opportunities Open to Non-Union MWL Firms for Columbia Business School Project



Turner Construction Company, the construction manager for the Columbia Business School project at the Manhattanville Campus, has entered into a Project Labor Agreement (PLA) with the Building and Construction Trades Council and local unions to offer contract opportunities to non-union, minority-, woman- and locally-owned (MWL) firms in the Upper Manhattan Empowerment Zone area. The PLA creates coordinated work rules that allow construction to proceed with minimal disruption and keep all trades on schedule.

The PLA allows up to \$25 million in contracts to be completed by non-union MWL firms. Some of the trades designated for the non-union work include: early site work, millwork, temporary protection, flooring, paint, furniture, rough carpentry, electrical fit out, ceilings, ceiling carpentry, low voltage electric, HVAC west side fit out, HVAC air side fit out, tile/terrazzo and masonry. Non-union firms are able to use their own employees and are not required to assent to any union labor agreement to participate under this PLA.

Interested firms must become prequalified with Turner Construction. For more information, please contact CBSProcurement@tcco.com.

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Did You Know?

A Community Wellness Center is Open at Manhattanville

A specially designed Wellness Center on the ground floor of the Jerome L. Greene Science Center, located at 610 West 130th St., offers free blood pressure readings and cholesterol tests to area residents. Wellness Center staff also provide health education materials and information on local health resources to community members.

The Wellness Center provides blood pressure and cholesterol testing to all who walk in. Visitors will be given a record of their results, as well as information on ways they can improve their health. Wellness Center staff will offer information on free and low-cost clinical resources in the neighborhood and within the New York-Presbyterian/Columbia University Medical Center community. The Wellness Center is open Monday through Friday, 9:00AM to 5:00PM.



(Over)

Project News

Inaugural Group of Obama Foundation Scholars at Columbia University Coming to Manhattanville Campus

By Columbia News



Top Row: Gabriela Gailea, Ndansi Elvis Nukam, Pavel Kounchev, Ana Maria Gonzalez-Forero, Oluseun Onigbinde, Omezzine Khelifa
Bottom Row: Alice Barbe, Peter Ndayihereje, Rumbidzai Chisenga, Hong Hoang, Vanessa Paranjothy, Trisha Shetty

An accomplished group of 12 rising social change-makers from around the world has been selected as the first class of Obama Foundation Scholars at Columbia University. Consistent with the Obama Foundation's mission to inspire, empower, and connect the next generation of civic leaders, the new, year-long academic program based at Columbia's Manhattanville campus will strengthen the expertise and knowledge of individuals with the demonstrated ability to be transformative leaders in their communities, nations, and the world.

The Scholars, from Asia, Africa, South America, South Asia, and Europe, have each shown a commitment to finding practical solutions to complex challenges facing society. They will participate in an immersive program of academic and experiential learning at Columbia's campus in New York City, including active engagement with a new university initiative called Columbia World Projects and in one-of-a-kind experiences led by the Obama Foundation, including robust networking, mentorship, service activities, and values-based leadership development, offering them a chance to learn from some of the world's most innovative leaders. The Scholars also will play a significant role in the Foundation's growing global network of civic leaders.

"When President Obama left office, he challenged us to believe -- not in his ability to bring about change, but ours," said Obama Foundation CEO David Simas. "Through our partnership with Columbia with this new Scholars program and through all of the Foundation's work, we are living this call to action. I am incredibly impressed with the talented young leaders who will be joining Columbia and the Foundation this fall and looking forward to helping support and scale their work."

"Generations of Columbia students, including President Obama, know from first-hand experience that our campus and the great, global city that is our New York home provide a unique classroom for engaging the world and addressing the problems facing society," said Columbia President Lee C. Bollinger. "We are proud to be a partner with the Obama Foundation in launching the Obama Foundation Scholars at Columbia to advance our shared mission of developing leaders who are not only dedicated to making a difference, but also have the intellectual and practical skills to turn their ideas into action."

The 12 Obama Foundation Scholars at Columbia University will also have the opportunity to interact with the separate but affiliated Obama Foundation Scholars cohort based at the Harris School of

Public Policy at the University of Chicago, [announced](#) earlier this year.

The Obama Foundation Scholars at Columbia were selected to participate through a process involving applications, faculty evaluation, review by individuals affiliated with the Obama Foundation and Columbia World Projects, outreach to references, and candidate interviews. Applications for this inaugural class of Scholars were solicited by invitation after consulting with a range of civil society organizations around the world.

The Obama Foundation Scholars program reflects the Obama Foundation's stated interest in developing a long-term presence at Columbia University, which the Foundation announced in 2015 at the conclusion of the presidential library competition. The program will include three pillars: a core seminar led by Columbia faculty that will run the length of the academic year, in which all Scholars will participate; an experiential learning component that will engage the Scholars in the work of policy development and implementation, involving the Obama Foundation and Columbia World Projects, an initiative designed to apply the best evidence-based academic research to the creation and application of practical solutions to real-world challenges; and non-core seminar coursework that will provide Scholars with the flexibility to select one or two courses at Columbia.

To inform the development of the curriculum, selected Scholars will be asked to identify subjects and skills they wish to explore and develop. To round out the experience of active learning, Scholars will have access to a wide range of opportunities for civic engagement in the City of New York provided by Columbia and its many local partners in government, community-based organizations, the mission-driven sector, and social entrepreneurship, as well as the Obama Foundation.

For more information about the program at Columbia, including the application process for the 2019-2020 class, [visit visitpresident.columbia.edu/obama-scholars-program](https://visitpresident.columbia.edu/obama-scholars-program). For more information on the Obama Foundation Scholars Program more broadly, visit www.obama.org/scholars.

The dynamic young leaders who comprise the first cohort of Scholars hail from Vietnam, Tunisia, Bulgaria, Cameroon, Burundi, Nigeria, Singapore, India, Paraguay, Colombia, France, and Zimbabwe via South Africa and will take up residence at Columbia's Manhattanville campus in the fall.

Wallach Art Gallery Exhibit: Relational Undercurrents: Contemporary Art of the Caribbean Archipelago



Jeannette Ehlers, *Black Bullets*, 2012, Video still, 5:05 Courtesy of the artist

Come explore the *Relational Undercurrents: Contemporary Art of the Caribbean Archipelago* exhibit at the Wallach Art Gallery, located in the Lenfest Center for the Arts at 615 West 129th Street! The exhibit is free and open to the public, now until September 23.

(Over)

Construction Progress Images



Phase 2 foundations site, looking north



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking east



Aerial view looking northeast

Sustainable Partnerships





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

The Building is in the final stage of closeout of trades, and is undergoing a phased occupancy plan.

The Forum

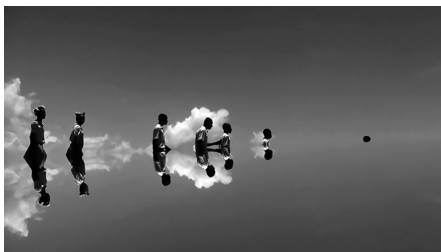
Installation of ceiling, ceramic tiling, flooring, permanent lighting and devices. Mechanical, electrical and plumbing systems completion and testing. Starting site work. Curtain wall at west elevation. Exterior glass fiber reinforced concrete. Painting, punch list, commissioning.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and shear walls, and importing drainage stone. The dewatering system is in operation.

Community News

Wallach Art Gallery Exhibit: Relational Undercurrents: Contemporary Art of the Caribbean Archipelago



Jeannette Ehlers, Black Bullets, 2012, Video still, 5:05 Courtesy of the artist
Come explore the *Relational Undercurrents: Contemporary Art of the Caribbean Archipelago* exhibit at the Wallach Art Gallery, located in the Lenfest Center for the Arts at 615 West 129th Street! The exhibit is free and open to the public, now until September 23.

Community News

Local High School Students Gain Hands-On Experience Through Internship Program at Columbia



Participants in the Columbia University Local Community High School Summer Internship Program. The program provides students with practical work experience across Columbia University Facilities and Operations.

After receiving over 11,000 responses to a university-wide survey measuring commuting habits of students, faculty, and staff, Columbia's Dan Allalemdjian needed to analyze the data and present key findings. Allalemdjian, director of transportation demand management for Environmental Stewardship, called upon Ibrahima Diallo – an incoming high school senior – to summarize data and create an executive summary to report the survey's key findings.

Diallo began working with Allalemdjian over the summer as part of the Columbia University Local Community High School Internship Program. The six-week program matches high school students with mentors across Columbia University Facilities and Operations to provide practical work experience before graduation.

During his internship, Diallo assisted Allalemdjian with transportation and commuter initiatives such as performing bi-weekly check-ups of Zagster, the university bike share system, and coordinating maintenance for any bikes in need of repair. He also helped the Environmental Stewardship team educate summer camp children on how to sort through recycling and waste at an event organized by the Manhattan Borough President's Office at Ralph Bunche School in West Harlem. "Ibrahima has been a great asset to the Environmental Stewardship team," said Allalemdjian. "His work helped us complete critical tasks to make decisions and create a fuller picture."

(Continued on page 3)

What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00AM - 6:00PM Monday through Friday
 - Weekend work may be performed.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - No standing on West 125th Street between Broadway and West 129th Street.
 - There is a no parking zone in effect on the west side of Broadway from West 125th to 129th Streets.
 - Broadway sidewalk is open from West 129th to West 130th Street. The Broadway parking lane is a no parking zone.
 - West 131st Street between Broadway and 12th Ave is closed and will remain closed until early 2019.
 - West 130th Street between Broadway and 12th Ave is a no standing or parking zone.
 - West 129th Street between Broadway and West 125th Street is closed until approximately the end of August 2018.

Community Amenities and Benefits

To access the Columbia University's [Community Services Website](http://manhattanville.columbia.edu), please visit: manhattanville.columbia.edu then click "Community" in the navigation menu.

Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the first quarter 2018 (January 1 to March 31), Columbia reclassified a net amount of \$909,063 from MWL to non-MWL firms, representing money MWL firms paid to their non-MWL subcontractors, equivalent to 4 percent of total construction spend in the quarter. A net amount of \$4,348,626 was reclassified from payments made by local companies. This adjustment was due to a payment lag from MWL firms to their non-MWL subcontractors that occurred between previous quarters and this quarter.

Cumulatively from August 1, 2008, through March 31, 2018, Columbia paid \$248,964,959 to MWL firms, representing 41 percent of total construction spend, excluding the amount paid to the construction manager. \$126,932,414 of that figure was paid to local companies.

Construction Workforce

In the first quarter 2018 (January 1 to March 31), the MWL construction workforce delivered 38,372 hours worked, representing 53 percent of the total workforce hours for the construction of the new Manhattanville campus. 3,579 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2018, the MWL construction workforce delivered 1,523,624 hours worked, representing

49 percent of the total workforce hours for the construction of the new Manhattanville campus. 261,096 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partners Lendlease (for Phase 2 foundations/below-grade) and Turner Construction (for the Business School) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/jobs-opportunities.

Additional Information

This newsletter and our weekly construction updates (which contain more specific information about construction impacts) will be available on the web at manhattanville.columbia.edu and at various locations at the project site and throughout the Manhattanville area.

Please note that construction activities are subject to change based on field conditions. We appreciate the patience and cooperation of everyone who is temporarily inconvenienced by these projects.

Should you have questions about construction activity, call the Columbia Facilities Services Center at (212) 854-2222, 24 hours a day, 7 days a week, or e-mail projx@columbia.edu. For more project information, to view upcoming bid opportunities, and to sign-up for our e-mail updates visit manhattanville.columbia.edu.

Neighboring construction projects not related to Columbia

- New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.

Did You Know?

A Community Wellness Center is Open at Manhattanville

A specially designed Wellness Center on the ground floor of the Jerome L. Greene Science Center, located at 610 West 130th St., offers free blood pressure readings and cholesterol tests to area residents. Wellness Center staff also provide health education materials and information on local health resources to community members.

The Wellness Center provides blood pressure and cholesterol testing to all who walk in. Visitors will be given a record of their results, as well as information on ways they can improve their health. Wellness Center staff will offer information on free and low-cost clinical resources in the neighborhood and within the New York-Presbyterian/Columbia University Medical Center community. The Wellness Center is open Monday through Friday, 9:00AM to 5:00PM.



(Over)

Local High School Students Gain Hands-On Experience Through Internship Program at Columbia — continued from page 1



High school intern Ibrahim Diallo at a sustainability education event organized by the Manhattan Borough President's Office at Ralph Bunche School in West Harlem.

Diallo is one of 11 high school students who participated in this summer's internship program. More than 75 high school students from the local community and around the city applied.

Chris Acosta worked with Facilities and Operations' Finance and Administration department. Assisting Cyle Timmons, associate director of Capital Finance, Acosta developed a building factbook report, which includes square footage, year constructed, and active and completed major capital projects at buildings across campus. "The building factbook was a good way to give Chris some insight into different aspects of what we do in Capital Finance, from expense reporting, looking at project information in our project management database, and gathering building information from our reports and the Department of Buildings website. Chris is gaining valuable Microsoft Excel experience working with formulas and presenting information," said Timmons.

Acosta is interested in pursuing engineering, so Timmons introduced him to the engineers working within Facilities and Operations to learn what they pursued in college and how they ended up at Columbia. In addition to the assignments from their mentors, the interns come together each Friday to explore various aspects of the university. During one of their weeks together, the interns received a tour of Columbia's Manhattanville campus and were able to view the historical exhibit on Sheffield Farms, learn how the Central Energy Plant at Manhattanville works, and tour the Wallach Art Gallery. At the program's completion, the interns participated in a closing ceremony where they presented on their role and what they have learned.

Other interns in the 2018 summer internship program include (with the department they are working in parentheses): Cheick Camara (Operations Compliance), Jasmin Maldonado (Manhattanville Development Group), John McField (Information Technology), Imari Monroe (Manhattanville Development Group), Ahmed Muharram (Human Resources), Nicholas Ruiz (Lerner Operations), Cristal Vidals (Design and Compliance), Carlos Villanueva (Code Compliance), and Sarah Wiggins (Strategic Communications). This summer's interns live in Upper Manhattan and South Bronx.

Community News

Steep Rock Bouldering Launches Free Summer Climbing Program for Community Youth in West Harlem

Steep Rock Bouldering has launched the Harlem Rock Club, a free rock-climbing program for youth in Northern Manhattan, at its West Harlem/Manhattanville location (3225 Broadway).

The program includes opportunities for group visits from city public schools,

camp and community organizations in the area along with open hours for any child living in the neighborhood from ages 8 to 18. Columbia University is teaming with Steep Rock Bouldering on the launch of Harlem Rock Club.

The Harlem Rock Club includes climbing instruction guided by an evidence-based youth development curriculum to positively impact participants' academic and social-emotional learning. The program combines fun, experiential learning and healthy physical activity with team and social skill-building opportunities. Groups of children from FamilyWorks Harlem, Brotherhood Sister-Sol, and St. Mary's Episcopal Church have already taken part in the program during its pilot phase.

"Engaging the local community in climbing – and particularly children in the neighborhood – is a perpetual goal of Steep Rock Bouldering," said Michael Cesari, owner of Steep Rock Bouldering. "The benefits of climbing – which include strategizing, perseverance, patience and more – will carry over to many other aspects of a child's life from focusing on school work to pursuing ambitious goals."



Local high school students from West Harlem Development Corporation's Arise! Summer Youth Employment and Education Program participate in Harlem Rock Club at Steep Rock Bouldering.

Steep Rock is partnering with the West Harlem Development Corporation (WHDC) to provide local high school students to be the trainers and mentors for the Harlem Rock Club. Three high school students participating in the WHDC's "Arise! Summer Youth Employment and Education Program" are working at Steep Rock this summer, learning the ins and outs of climbing while becoming intimate with the youth development curricula for the Harlem Rock Club.

Community open hours providing free facility access and equipment rentals are available for children ages 8 through 18 that are currently enrolled in elementary, middle, or high school. Open hours are being held on Tuesdays, Wednesdays and Thursdays from 12 p.m. to 3 p.m. through August 30. Open hours are subject to a maximum capacity at any one time for safety. Contact outreach@srbynyc.com for questions or more information about open hours.

School, camp or community organizations interested in learning more about the Harlem Rock Club or to book a time for a group visit should email outreach@srbynyc.com. All children participating must have a signed waiver completed by a parent or guardian before climbing.



(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



(From L to R): Lenfest Center for the Arts, Jerome L. Greene Science Center, and the Forum (under construction)



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships





Growing Together

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Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and The Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Occupancy phasing plan and relocation of laboratories are complete. The building is now fully occupied and 100% operational.

The Forum

Occupants have moved in. Grand opening of the building. Painting, punch list, commissioning, training.

Phase 2 Foundations

The foundation contractor is currently performing the following activities: steel erection and shear walls. The dewatering system is in operation.

Community News

Lamont-Doherty Earth Observatory Open House Oct. 13



On October 13, Columbia University's Lamont-Doherty Earth Observatory is hosting an Open House, a day filled with fun and informative earth science activities for parents, children and science enthusiasts of all ages. At the Open House, you can experience the sights and sounds of earthquakes, explore the Arctic through hands-on activities, learn about one of the world's most unique collections of sediment cores, and more. Visit the Open House website at openhouse.ideo.columbia.edu for more information. The Open House is free and open to the public, with a \$5 suggested donation.

Project News

Columbia's Apprenticeship Program Opens Doors for Employees



Mercedes Santana, mechanic trainee, at the chiller plant on Columbia's Morningside campus.

Ever since Mercedes Santana was a child, she enjoyed working with her hands. So it comes as no surprise that her natural proclivities and talents have served her well in progressing professionally at Columbia University Facilities and Operations – aided by the Facilities and Operations apprenticeship program.

Santana joined Facilities and Operations as a heavy cleaner in 2006, six years after she relocated to the United States from the Dominican Republic where she worked in accounting. While successful as a heavy cleaner, she knew she wanted to pursue other opportunities available. The right one came along when she learned of the Facilities and Operations apprenticeship program through a colleague.

Launched in 2016, the apprenticeship program was created for employees like Santana to learn skilled trades while establishing a needed pipeline of employees ready and prepared for the next opportunity at the University. The New York State Department of Labor lists maintenance and repair workers as an in-demand field in New York City, but there is a shortage of skilled workers to fill those positions due to retirement and fewer people entering the industry. Leaders at Facilities and Operations recognized this gap and took the initiative to create the apprenticeship program to train skilled workers to staff positions throughout the University, especially as new buildings open at Columbia's Manhattanville campus.

(Continued on page 3)

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Neighboring construction projects not related to Columbia

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Did You Know?

The Brain Index, an innovative digital art installation, introduces visitors to the scientists pushing the boundaries of neuroscience at the Zuckerman Institute. Its floor-to-ceiling screens guide the observer through the brain using real scientific data, while telling the stories of the individual researchers and their curiosity. This interactive exhibit is open to the public on the ground floor of the Jerome L. Greene Science Center at 3227 Broadway.



Photo: Eileen Barroso

(Over)

Columbia's Apprenticeship Program Opens Doors for Employees—continued from page 1

"Columbia's apprenticeship program is extremely vital not only to Columbia University, but the industry at large," said Phil Kretzmer, assistant vice president for Manhattanville Operations. "Our executive team recognized the need and committed time and resources to take action in creating the apprenticeship program. That proactive vision will be paying dividends to the high-level of operation of the University for years to come."



Apprentices (l to r) Evans Ampofo, Gary Hamilton, Keith DeFreitas, and Alphonso Espinoza receiving hands-on classroom training in the Studebaker Building at Columbia's Manhattanville Campus.

The apprenticeship itself is a competitive, seven-year program, funded by Columbia. Apprentices receive a combination of classroom education, on-the-job training, and mentorship by senior employees. Certified trade and technical schools along with leading industry providers conduct education, which takes place at both a dedicated training facility on Columbia's Manhattanville campus and off-site at professional venues as appropriate.

Apprentices begin the program by receiving exposure - in the classroom and on the job - to different trades, such as carpentry, HVAC, plumbing, electrical, masonry, and refrigeration. After successfully completing three years in the program, an apprentice is promoted to a maintenance worker and can choose a specific trade to pursue for their career. At the end of the program, an apprentice is well-prepared to fulfill open, skilled worker positions across the breadth of multiple campuses within the Columbia University network. The initial classes of apprentices are on track to graduate and be available for the next wave of new buildings at the Manhattanville campus, following the opening of the Forum.

"The apprenticeship program allows us to develop our own farm system, just like a baseball player rising through the minor leagues," said Lance Symons, executive director, Manhattanville engineering. "Apprentices are trained the Columbia way, meaning that they gain the needed skills along with the intangibles in order to provide the high level of service that we hold ourselves to."

Facilities and Operations worked with the TWU Local 241 executive board to bring the apprenticeship to fruition.

"The whole idea of the program was groundbreaking and we hadn't seen anything like it before. It reestablishes the trades and creates diversity," said Alex Molina and Dino Centrone, vice president and secretary treasurer of TWU Local 241, respectively. "The program is a great opportunity for new and existing employees to gain exposure to the trades and it encourages professional growth."

There are eight apprentices in the program out of thirteen current opportunities available as of August 2018. Facilities and Operations, in partnership with the TWU Local 241 executive board, are currently interviewing for the balance of open positions.

For Santana, Columbia's apprenticeship was the perfect opportunity to embark upon a new career path in an in-demand field and do something she would enjoy. With the support from her family, Santana enrolled in the program in January 2017. Her days were split between class and work at the Manhattanville campus, with her last assignment in the Central Energy Plant.

From just one year in the program, Santana had gained fundamental knowledge of the operation of a power plant, which boosted her confidence and inspired her to apply to a chiller maintenance position at Columbia's Morningside campus. Santana was offered the position and started in May, becoming the first woman to join the Chiller Plant team.

Not regretting her shift from accounting, Santana is proud to be in an environment where she can keep learning and growing, and entering a specialized field that is in high demand.

"I want my family and children to be inspired by my push to grow and advance. The apprenticeship program opened the door for me to do so in becoming a mechanic," Santana said, beaming with pride.

Community News

"Saturday Science" Events Return This Fall to the Education Lab



Columbia neuroscientists teach a wide range of brain-related topics through hands-on activities, scientific resources and the latest research at Saturday Science events. (Photo: Michael DiVito)

Families and community groups are invited to explore the workings of the brain through hands-on activities and unique scientific resources at Saturday Science events. Activities and demonstrations are designed to be engaging, informative, and used as launching points for further exploration, reflection and discovery. Learners of all ages can join scientists in the Zuckerman Institute's Education Lab, located at 609 West 129th Street, for the events.

Saturday Science events are held monthly through the school year. Themes and materials change monthly to incorporate the wide ranging topics in neuroscience and the latest discoveries coming from Zuckerman Institute labs. Students attending Saturday Science events receive a passport and are encouraged to collect stamps for participation in events throughout the year.

Fall 2018 Schedule:

October 20, 2018: [Come to Your Senses](#)

November 17, 2018: [Decisions, Decisions](#)

December 8, 2018: [Let's Move It](#)

Visit zuckermaninstitute.columbia.edu/saturday-science for more information and to register to guarantee your attendance. Guests can arrive at any time between 1 and 4 PM. Saturday Science is free and open to the public.

(Over)

Construction Progress Images



Phase 2 foundations site, looking northeast



Lenfest Center for the Arts (left) and the Jerome L. Greene Science Center, with the Small Square in the foreground



The Forum, looking northwest



Aerial view looking northeast

Sustainable Partnerships





Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: October 9, 2017 and October 16, 2017

What is happening

Jerome L. Greene Science Center

- Guard booth installation along W.130th Street

The Forum

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front frames at street-level space and curtain wall frames and hardware at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry installation of auditorium walls at level three
- Pour mechanical pads and prime walls at below-grade level
- Pulling cable at W.129th Street utilities
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Planting of perennials and street trees

Phase 2 Foundations

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of temporary tiebacks beneath W. 130th Street bridge
- Load testing for foundation minipiles and installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west end of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of October 9, 2017 and October 16, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



Need More Information?

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

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Construction Activities for the Weeks of: October 16, 2017 and October 23, 2017

What is happening

Jerome L. Greene Science Center

- Currently no ongoing external work

The Forum

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Wash down of auditorium walls at level three
- Framing and sheetrocking ground floor and basement
- Trenching for incoming services
- Spray on fireproofing on levels two and three
- Roofing at level four roof
- Painting in basement
- Delivery of elevator cab on Oct. 19
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Planting of perennials and street trees
- Commission irrigation system
- Complete punch list items

Phase 2 Foundations

- Mass excavation work (westerly portion of site bounded by 12th Ave, W.130th and W.131st streets)
- Temporary support of excavation work along W.131st Street
- Installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west end of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of October 16, 2017 and October 23, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



Need More Information?

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: October 23, 2017 and October 30, 2017

What is happening

The Forum

- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Wash down of auditorium walls at level three
- Framing and sheetrocking ground floor and basement
- Trenching for incoming services
- Spray foam installation on levels two and three
- Roofing at level four roof
- Painting throughout the building
- Passenger elevator (PE-4) shaft wall installation
- Ball and brush incoming service conduits at the Central Energy Plant
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Planting of perennials and street trees
- Complete punch list items

Phase 2 Foundations

- Temporary support of excavation work along W.131st Street
- Installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of October 23, 2017 and October 30, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: October 30, 2017 and November 6, 2017

What is happening

The Forum

- Ductwork installation on second floor
- Electrical roughing at the below-grade level, street-level space, and second level
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry walls on level three
- Framing and sheetrocking ground floor and basement
- Trenching for incoming services and installation of high pressure steam piping
- Spray foam insulation on levels two and three
- Ceiling framing on the ground floor
- Painting throughout the building (interior and exterior)
- Passenger elevator (PE-4) shaft wall installation
- Installation of scaffolding in elevator shafts
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Planting of perennials
- Complete punch list items

Phase 2 Foundations

- Temporary support of excavation work along W.131st Street
- Installation of production minipiles
- Install concrete pile caps at west end of site
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of October 30, 2017 and November 6, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: November 6, 2017 and November 13, 2017

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Roughing work in the switchgear room
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three. Installing glass at the P1-P3 elevator shaft.
- Mechanical and plumbing roughing at the below-grade, first, and second levels
- Masonry walls on level three
- Framing and sheetrocking ground floor and basement
- Trenching for incoming services and installation of high pressure steam piping
- Spray foam insulation on levels two and three. Spray on fireproofing on level two on second shift.
- Ceiling framing on the ground floor
- Painting throughout the building (interior and exterior)
- Passenger elevator (PE-4) railing work
- Installation of scaffolding in elevator shafts
- Installing interior stairs and fire stairs handrails
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of November 6, 2017 and November 13, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: November 13, 2017 and November 20, 2017

What is happening

The Forum

- Level five roofing installation
- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Roughing work in the switchgear room
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Masonry walls on level three
- Framing and sheetrocking ground floor and basement
- Trenching for surveying of high pressure steam piping
- Spray foam insulation on levels two and three. Spray on fireproofing on level three on second shift.
- Ceiling framing on the ground floor
- Painting throughout the building (interior and exterior)
- Passenger elevator (PE-4) railing work
- Installation of scaffolding in elevator shafts
- Installing interior stairs and fire stairs handrails
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of November 13, 2017 and November 20, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: November 20, 2017 and November 27, 2017

What is happening

The Forum

- Level five roofing installation
- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Roughing work in the switchgear room. Cable pulls from the Central Energy Plant.
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking ground floor and basement
- Trenching for surveying of high pressure steam piping
- Spray foam insulation on levels two and three. Spray on fireproofing on level three on second shift.
- Ceiling framing on the ground floor
- Painting throughout the building (interior and exterior)
- Passenger elevator (PE-4) railing work
- Installation of scaffolding in elevator shafts. Installation of elevator divider beams.
- Installing interior stairs and fire stairs handrails
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of November 20, 2017 and November 27, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: December 4, 2017 and December 11, 2017

What is happening

The Forum

- Roofing installation on levels four, four-mezzanine, and five
- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Roughing work in the switchgear room. Cable pulls from the Central Energy Plant and shutdown to energize Forum switchgear.
- Precast installation is substantially complete. Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Spray foam insulation on levels two and three. Spray on fireproofing on level three on second shift.
- Ceiling framing on the ground floor is substantially complete
- Painting throughout the building (interior and exterior)
- Passenger elevator (PE-4) railing work
- Installation of scaffolding in elevator shafts
- Installing interior stairs and fire stairs handrails
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Work to take place on Saturdays for the remainder of the year

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of December 4, 2017 and December 11, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: December 11, 2017 and December 18, 2017

What is happening

The Forum

- Roofing installation on levels four, four-mezzanine, and five
- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Roughing work in the switchgear room. Cable pulls from the Central Energy Plant and shutdown to energize Forum switchgear.
- Precast punchlist work is ongoing.
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Spray foam insulation on levels two and three. Spray on fireproofing on level three on second shift.
- Ceiling framing on the ground floor is complete
- Passenger elevator (PE-4) railing work
- Installation of scaffolding in elevator shafts is complete
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Work to take place on Saturdays for the remainder of the year
- **Glass installation to take place on Sundays December 10 and 17**

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of December 11, 2017 and December 18, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: December 18, 2017 and December 25, 2017

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Energizing the Forum switchgear
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Ceiling header on the ground floor is complete
- Passenger elevator (PE-4) railing work
- Installation of elevator divider beams
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Installation of common platform in the auditorium
- Work to take place on Saturdays for the remainder of the year
- Glass installation to take place on Sunday December 17

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at west half of site
- Import drainage stone
- Modify corner bracing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of December 18, 2017 and December 25, 2017

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until December 2017

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: December 25, 2017 and January 1, 2018

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Energizing the Forum switchgear
- Installing store front trims and gaskets at street-level space and curtain wall glass, trims and gasket at levels two and three
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Ceiling header on the ground floor is complete
- Passenger elevator (PE-4) railing work
- Installation of elevator divider beams
- Electrical roughing of below-grade walls and powering of HVAC equipment
- Installation of common platform in the auditorium
- W. 129th Street between Broadway and W. 125th Street will be reopened temporarily beginning December 22 until January 8

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Complete punch list items

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at east half of site
- Import drainage stone
- Modify corner bracing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of December 25, 2017 and January 1, 2018

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street will reopen temporarily on December 22 until January 8

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: January 8, 2018 and January 15, 2018

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Energizing the Forum switchgear
- Installing store front fire stairs
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Ceiling header on the ground floor is complete
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Installation of common platform in the auditorium
- Spray-on fireproofing and intumescent paint ongoing
- W. 129th Street between Broadway and W. 125th Street will be closed beginning January 8

Phase 2 Foundations

- Installation of production minipiles
- Install concrete pile caps
- Install pressure slab at east half of site
- Import drainage stone
- Modify corner bracing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street will be closed beginning January 8 for approximately six months

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of January 8, 2018 and January 15, 2018

Neighboring construction projects not related to Columbia

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Construction Activities for the Weeks of: January 15, 2018 and January 22, 2018

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Energizing the Forum switchgear
- Installing store front glass in front of fire stairs
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Ceiling header on the ground floor is complete
- Framing of passenger elevators 1-3 bulkhead
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Spray-on fireproofing and intumescent paint ongoing
- Concrete placement of stairs A and B
- W. 129th Street between Broadway and W. 125th Street closed beginning January 8 for approximately six months

Phase 2 Foundations

- Installation of production minipiles under W. 130th Street bridge
- Install concrete pile caps
- Install pressure slab at east half of site
- Import drainage stone

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street closed beginning January 8 for approximately six months

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(Over)

Construction Update

Weeks of January 15, 2018 and January 22, 2018

Neighboring construction projects not related to Columbia

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Construction Activities for the Weeks of: January 22, 2018 and January 29, 2018

What is happening

The Forum

- Ductwork installation on second and third floors
- Electrical roughing at the below-grade level, street-level space, and second level
- Installing store front glass in front of fire stairs
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Spray-on fireproofing ongoing on ground floor
- Concrete placement of stair B
- W. 129th Street between Broadway and W. 125th Street closed beginning January 8 for approximately six months

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear wall at west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street closed beginning January 8 for approximately six months

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(Over)

Construction Update

Weeks of January 22, 2018 and January 29, 2018

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Construction Activities for the Weeks of: January 29, 2018 and February 5, 2018

What is happening

The Forum

- Parapet glass installation on level four
- Electrical roughing at the below-grade level, street-level space, and second level
- Mechanical, plumbing, and fire protection roughing at the below-grade, first, and second levels
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Spray-on fireproofing ongoing on ground floor
- Concrete placement of stair B
- Overhead support steel work in the auditorium
- Level four roofing work
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear wall at west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

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(Over)

Construction Update

Weeks of January 29, 2018 and February 5, 2018

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Construction Activities for the Weeks of: February 5, 2018 and February 12, 2018

What is happening

The Forum

- Parapet glass installation on level four
- Electrical devices roughing throughout the building
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Spray-on fireproofing ongoing on ground floor
- Protection of fire stair B
- Overhead support steel work in the auditorium
- Trenching and shoring at 129th Street for the high pressure steam
- Star Silent ceiling board installation on the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear wall at west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

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(Over)

Construction Update

Weeks of February 5, 2018 and February 12, 2018

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Construction Activities for the Weeks of: February 12, 2018 and February 19, 2018

What is happening

The Forum

- Parapet glass installation on level four
- Electrical devices roughing throughout the building
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Passenger elevator (PE-4) railing work
- Powering of HVAC equipment
- Spray-on fireproofing ongoing on ground floor
- Overhead support steel and duct work in the auditorium
- High pressure steam remediation work taking place after 6 p.m.
- Star Silent ceiling board installation on the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear walls at east half of site (Site 6B)
- Install corridor to Jerome L. Greene Science Center beneath W. 130th Street bridge
- Mobilization of tower crane for west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

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(Over)

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Construction Activities for the Weeks of: February 19, 2018 and February 26, 2018

What is happening

The Forum

- Parapet glass installation on level four
- Caulking exterior of precast panels
- Electrical devices roughing throughout the building
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Testing of HVAC equipment
- Spray-on fireproofing ongoing on ground floor
- Overhead support steel and duct work in the auditorium ceiling
- High pressure steam remediation work taking place after 6 p.m.
- Star Silent ceiling board installation on the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear walls at east half of site (Site 6B)
- Continue tower crane erection for west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

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(Over)

Construction Update

Weeks of February 19, 2018 and February 26, 2018

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Construction Activities for the Weeks of: February 26, 2018 and March 5, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Electrical devices roughing throughout the building
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Testing of HVAC equipment
- Overhead support steel and duct work in the auditorium ceiling
- High pressure steam remediation work taking place after 6 p.m.
- Star Silent ceiling installation on the ground floor
- Ceiling black iron is ongoing on levels two and three
- Delivery and rigging of air handler units to roofs level four and five
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of February 26, 2018 and March 5, 2018

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Construction Activities for the Weeks of: March 5, 2018 and March 12, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Electrical devices roughing throughout the building
- Framing and sheetrocking throughout the building
- Framing of passenger elevators 1-3 bulkhead
- Testing of HVAC equipment
- The auditorium ceiling is being framed and sheetrocked
- High pressure steam remediation work is ongoing
- Star Silent ceiling installation on the ground floor
- Ceiling black iron is ongoing on levels two and three
- Delivery and rigging of air handler units to roofs level four and five
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)
- Install grounding grid on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

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Weeks of March 5, 2018 and March 12, 2018

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Construction Activities for the Weeks of: March 12, 2018 and March 19, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Electrical devices roughing throughout the building
- Sheetrocking of passenger elevators 1-3 shaftways
- Testing of HVAC equipment
- The auditorium ceiling is being sheetrocked
- High pressure steam remediation work is ongoing
- Star Silent ceiling installation on the ground floor
- Ceiling black iron is ongoing on levels two and three
- Delivery and rigging of air handler units to roofs level four and five
- Installing mechanical, electrical, and plumbing above glass fiber reinforced concrete panels at the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)
- Install grounding grid on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

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(Over)

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Construction Activities for the Weeks of: March 19, 2018 and March 26, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Sheetrocking of passenger elevators 1-3 shaftways
- High pressure steam remediation work is ongoing on W. 129th Street
- Star Silent ceiling installation on the ground floor
- Ceiling black iron is ongoing on levels two and three
- Installing mechanical, electrical, and plumbing above glass fiber reinforced concrete panels at the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)
- Install grounding grid on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of March 19, 2018 and March 26, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: March 26, 2018 and April 2, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Elevator railings in passenger elevators 1-3
- High pressure steam remediation work is ongoing on W. 129th Street
- Ceiling black iron is ongoing on levels two and three
- Installing mechanical, electrical, and plumbing above glass fiber reinforced concrete panels at the ground floor
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)
- Install grounding grid on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of March 26, 2018 and April 2, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: April 2, 2018 and April 9, 2018

What is happening

The Forum

- Roofing water flood test
- Caulking exterior of precast panels
- Elevator railings in passenger elevators 1-3
- High pressure steam remediation work is ongoing on W. 129th Street
- Ceiling black iron is ongoing on levels two and three
- Installing mechanical, electrical, and plumbing above glass fiber reinforced concrete panels at the ground floor
- Installation of roofing ballasts and pavers on levels four and five
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection on west half of site (Site 7)
- Install grounding grid on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

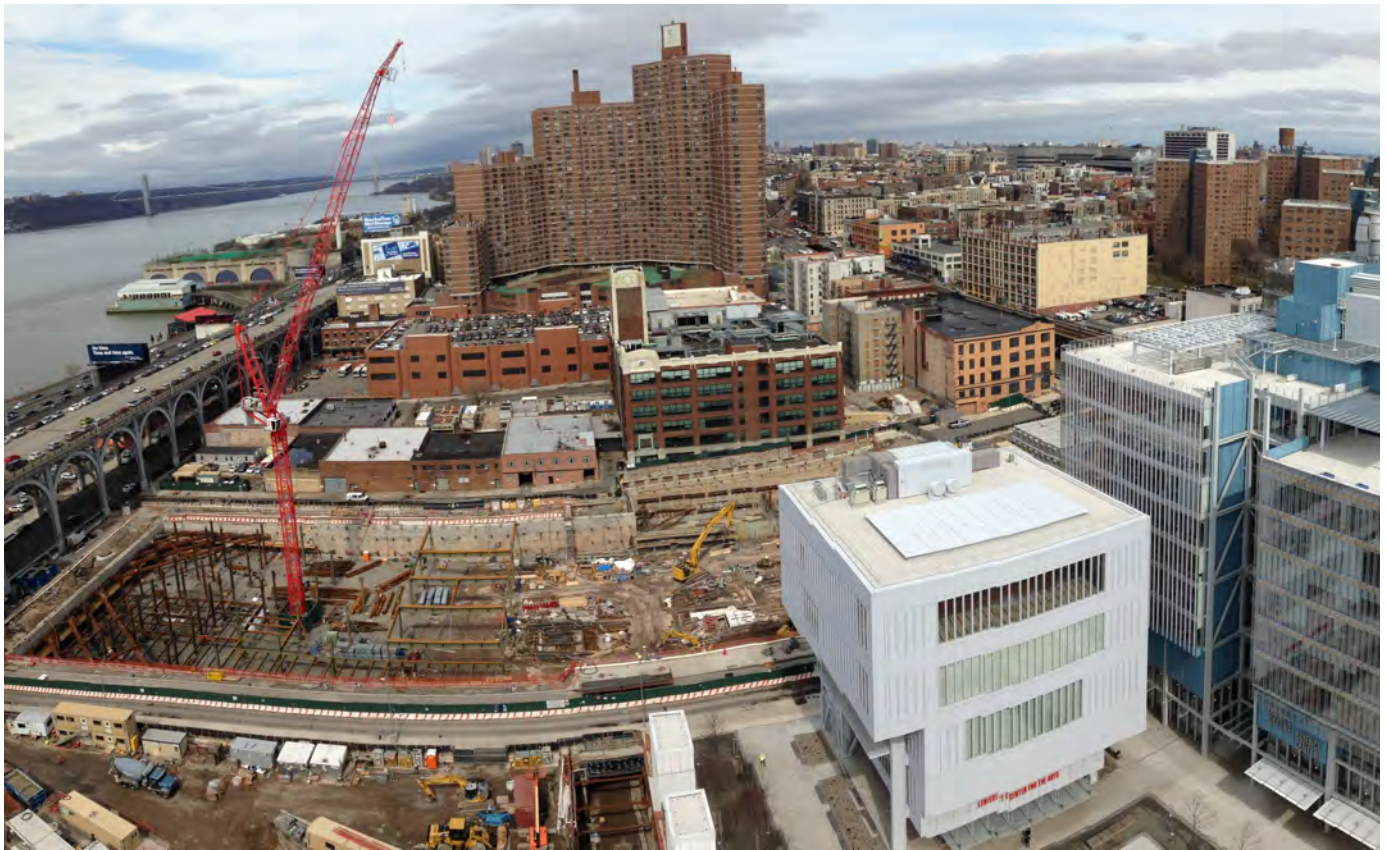
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Construction Update

Weeks of April 2, 2018 and April 9, 2018

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: April 9, 2018 and April 16, 2018

What is happening

The Forum

- Caulking exterior of precast panels
- Elevator shaftwork in passenger elevators 1-3
- Sheetrocking ceiling is ongoing on levels two and three
- Installation of cable tray at street level
- Installation of roofing ballasts and pavers on levels four and five
- Install glass fiber reinforced concrete panels at street level
- Trenching W. 125th Street to install telecom conduit
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Install grounding grid on east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of April 9, 2018 and April 16, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: April 16, 2018 and April 23, 2018

What is happening

The Forum

- Elevator shaftwork in passenger elevators 1-3
- Sheetrocking ceiling is ongoing on levels two and three
- Installation of cable tray at street level
- Installation of roofing ballasts and pavers on levels four and five
- Install glass fiber reinforced concrete panels at street level
- Trenching W. 125th Street and Broadway to install telecom conduit
- Gasketing and sealing curtain wall and storefront
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

Phase 2 Foundations

- Install concrete pile caps at east half of site (Site 6B)
- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Install grounding grid on east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for high pressure steam remediation
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of April 16, 2018 and April 23, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: April 23, 2018 and April 30, 2018

What is happening

The Forum

- Elevator shaftwork in passenger elevators 1-3
- Sheetrocking ceiling is ongoing on levels two and three
- Installation of roofing ballasts and pavers on levels four and five
- Install glass fiber reinforced concrete panels at street level
- Trenching Broadway to install telecom conduit
- Gasketing and sealing curtain wall and storefront
- Installing radiant heating at street-level flooring
- Concrete pour of topping slab at street level
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at west half of site (Site 7)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for installation of electrical conduits under W. 129th Street
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of April 23, 2018 and April 30, 2018

Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: April 30, 2018 and May 7, 2018

What is happening

The Forum

- Elevator shaftwork in passenger elevators 1-3
- Sheetrocking ceiling is ongoing on levels two and three
- Trenching Broadway and 125th Street to install telecom conduit, including periodic sidewalk closures
- Gasketing and sealing curtain wall and storefront
- Installing radiant heating at street-level flooring
- Concrete pour of topping slab at street level
- Waterproofing around perimeter of the building
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for installation of electrical conduits under W. 129th Street
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of April 30, 2018 and May 7, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 7, 2018 and May 14, 2018

What is happening

The Forum

- Elevator shaftwork in passenger elevators 1-3
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Installing radiant heating at street-level flooring
- Concrete pour of topping slab at street level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for installation of electrical conduits under W. 129th Street
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of May 7, 2018 and May 14, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 14, 2018 and May 21, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1-3 and passenger elevator 4
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building
- Piping and installing sheet metal at the rooftop air handler units
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for installation of electrical conduits under W. 129th Street
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of May 14, 2018 and May 21, 2018

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Construction Activities for the Weeks of: May 21, 2018 and May 28, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1-3 and passenger elevator 4
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building and caulking
- Piping and installing sheet metal at the rooftop air handler units
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- After-hours work for installation of electrical conduits under W. 129th Street
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of May 21, 2018 and May 28, 2018

Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 28, 2018 and June 4, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1-3 and passenger elevator 4
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building and caulking
- Piping and installing sheet metal at the rooftop air handler units
- Interior glazed partition and carpet installation on levels two and three, and wood flooring installation in auditorium
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of May 28, 2018 and June 4, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Sustainable Partnerships



 COLUMBIA UNIVERSITY
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: June 4, 2018 and June 11, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1-2 and passenger elevator 4. Passenger elevator 3 is operational.
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building and caulking
- Piping and installing sheet metal at the rooftop air handler units
- Site work on Broadway
- Installing revolving doors at street level
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)
- Continue installation of grounding grid at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of June 4, 2018 and June 11, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: June 11, 2018 and June 18, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1, 2 and 4. Passenger elevator 3 is operational.
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Installing glass fiber reinforced concrete panels at the exterior perimeter of the building and caulking
- Piping and installing sheet metal at the rooftop air handler units
- Site work on Broadway
- W. 129th Street between Broadway and W. 125th Street is closed until approximately June 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately June 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of June 11, 2018 and June 18, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: June 18, 2018 and June 25, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1, 2 and 4. Passenger elevator 3 is operational.
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Waterproofing around perimeter of the building
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Caulking glass fiber reinforced concrete panels at the exterior perimeter of the building
- Site work on Broadway
- W. 129th Street between Broadway and W. 125th Street is closed until approximately July 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately July 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Neighboring construction projects not related to Columbia

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Sustainable Partnerships





Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: June 25, 2018 and July 2, 2018

What is happening

The Forum

- Elevator cab work in passenger elevators 1, 2 and 4. Passenger elevator 3 is operational.
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Caulking glass fiber reinforced concrete panels at the exterior perimeter of the building
- Site work on Broadway and W. 125th Street
- W. 129th Street between Broadway and W. 125th Street is closed until approximately July 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately July 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of June 25, 2018 and July 2, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: July 2, 2018 and July 9, 2018

What is happening

The Forum

- Passenger elevators 1 and 4 inspection scheduled. Passenger elevators 2 and 3 passed inspection.
- Sheetrocking ceiling is ongoing on levels two, three and below-grade
- Gasketing and sealing curtain wall and storefront
- Polishing concrete flooring at street-level is substantially complete
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Caulking glass fiber reinforced concrete panels at the exterior perimeter of the building
- Site work on Broadway and W. 125th Street
- W. 129th Street between Broadway and W. 125th Street is closed until approximately July 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Install pressure slab at east half of site (Site 6B)
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately July 2018
- Temporary and periodic sidewalk closures on Broadway between 125th and 129th streets, and on W. 125th Street, due to trenching for telecom conduit installation

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of July 2, 2018 and July 9, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



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Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: July 9, 2018 and July 16, 2018

What is happening

The Forum

- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Gasketing and sealing curtain wall and storefront
- Precast stair treads installation ongoing
- Metal panels installation at elevator bulkhead and dumbwaiter bulkhead
- Site work around perimeter of building
- Fire alarm testing throughout building
- Turnstiles to be tested and egress doors
- W. 129th Street between Broadway and W. 125th Street is closed until approximately mid-August 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection and metal decking on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of July 9, 2018 and July 16, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: July 16, 2018 and July 23, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Site work around perimeter of building and intersection of 125th and 129th streets
- Mechanical, electrical and plumbing commissioning and air balancing
- Con Edison raising manholes and vaults
- W. 129th Street between Broadway and W. 125th Street is closed until approximately mid-August 2018
- Work to take place on Saturdays and Sundays

Phase 2 Foundations

- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)
- Install second tower crane at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of July 16, 2018 and July 23, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: July 23, 2018 and July 30, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Site work is ongoing at W. 129th Street and the intersection of W. 129th Street and W. 125th Street.
- Mechanical, electrical and plumbing commissioning and air balancing
- Con Edison raising manholes and vaults in preparation for restoration of roadway on W. 129th Street.
- W. 129th Street between Broadway and W. 125th Street is closed until approximately mid-August 2018
- Work to take place on Saturdays

Phase 2 Foundations

- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)
- Install second tower crane at east half of site (Site 6B)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of July 23, 2018 and July 30, 2018

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: July 30, 2018 and August 6, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Site work is ongoing at W. 129th Street and the intersection of W. 129th Street and W. 125th Street.
- Mechanical, electrical and plumbing commissioning and air balancing
- Con Edison raising manholes and vaults in preparation for restoration of roadway on W. 129th Street.
- W. 129th Street between Broadway and W. 125th Street is closed until approximately mid-August 2018
- Work to take place on Saturdays

Phase 2 Foundations

- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of July 30, 2018 and August 6, 2018

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: August 6, 2018 and August 13, 2018

What is happening

Lenfest Center for the Arts

- Electrical shutdown Monday, August 6 through Wednesday, August 8.

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Mechanical, electrical and plumbing commissioning
- Con Edison raising manholes and vaults in preparation for restoration of roadway on W. 129th Street
- W. 129th Street between Broadway and W. 125th Street is closed until approximately mid-August 2018
- Demolition and rebuilding of W. 129th Street road
- Work to take place on Saturdays

Phase 2 Foundations

- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of August 6, 2018 and August 13, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



Need More Information?

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: August 13, 2018 and August 20, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Mechanical, electrical and plumbing commissioning
- W. 129th Street between Broadway and W. 125th Street is closed until approximately the end of August 2018
- Demolition and rebuilding of W. 129th Street road
- Working on low voltage systems
- Work to take place on Saturdays

Phase 2 Foundations

- Finish installation of concrete pressure slab
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection on east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W.131st Street between Broadway and 615 W.131st Street is closed until early 2019
- W.129th Street between Broadway and W.125th Street is closed until approximately mid-August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of August 13, 2018 and August 20, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: August 20, 2018 and August 27, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 in use for construction.
- Mechanical, electrical and plumbing commissioning
- W. 129th Street between Broadway and W. 125th Street is closed until approximately the end of August 2018
- Demolition and rebuilding of W. 129th Street road
- Working on low voltage systems
- Work to take place on Saturdays

Phase 2 Foundations

- Finish installation of concrete pressure slab
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until approximately the end of August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of August 20, 2018 and August 27, 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: August 27, 2018 and September 3, 2018

What is happening

The Forum

- Painting
- Passenger elevators 1, 2, 3 and 4 passed inspection. PE-3 preparation for New York City Department of Buildings inspection.
- Mechanical, electrical and plumbing commissioning
- W. 129th Street between Broadway and W. 125th Street is closed until approximately the end of August 2018
- Demolition and rebuilding of W. 129th Street road
- Working on low voltage systems
- Work to take place on Saturdays

Phase 2 Foundations

- Finish installation of concrete pressure slab
- Import drainage stone at east half of site (Site 6B)
- Install shear walls at east half of site (Site 6B)
- Steel erection at east half of site (Site 6B)
- Metal decking, rebar and concrete on west half of site (Site 7)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- W. 129th Street between Broadway and W. 125th Street is closed until approximately the end of August 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Sustainable Partnerships





Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: September 3, 2018 and September 10, 2018

What is happening

The Forum

- Painting
- Punchlist, commissioning
- Occupants move in the building
- Signage installation
- **W. 129th Street between Broadway and W. 125th Street will reopen on Tuesday, September 4th**
- Passenger elevator 3 preparation for New York City Department of Buildings inspection
- Working on low voltage systems
- Work to take place on Saturdays and Sundays
- Final cleaning

Phase 2 Foundations

- Install shear walls at east half of site (Site 6B)
- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation on west half of site (Site 7)
- Backfilling behind foundation walls

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W. 125th Street between Broadway and W. 129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019
- **W. 129th Street between Broadway and W. 125th Street will reopen on Tuesday, September 4th**

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Sustainable Partnerships





Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: September 10, 2018 and September 17, 2018

What is happening

The Forum

- Painting
- Punchlist, commissioning incomplete items
- Occupants move in the building
- Signage installation
- Passenger elevator 3 preparation for New York City Department of Buildings inspection
- Working on low voltage systems
- Work to take place on Saturdays and Sundays
- Final cleaning
- New York City Department of Transportation street signage installation

Phase 2 Foundations

- Install shear walls at east half of site (Site 6B)
- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation on west half of site (Site 7)
- Backfilling behind foundation walls

W. 132nd Street Demolition Prep

- Sidewalk repair
- Construction fence building and repair

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of September 10, 2018 and September 17, 2018

Neighboring construction projects not related to Columbia

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 COLUMBIA UNIVERSITY
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: September 17, 2018 and September 24, 2018

What is happening

The Forum

- Painting
- Punchlist, commissioning incomplete items
- Passenger elevator 3 preparation for New York City Department of Buildings inspection
- Working on low voltage systems (IT, AV, Security, RF)
- Work to take place on Saturdays
- Final cleaning
- New York City Department of Transportation street signage installation

Phase 2 Foundations

- Install shear walls at east half of site (Site 6B)
- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation on west half of site (Site 7)
- Backfilling behind foundation walls
- Installation of underground plumbing

W. 132nd Street Demolition Prep

- Sidewalk repair
- Construction fence building and repair

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of September 17, 2018 and September 24, 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 917-439-4630 or west125@zetlin.com.
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Sustainable Partnerships



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Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: September 24, 2018 and October 1, 2018

What is happening

The Forum

- Painting
- Punchlist, commissioning incomplete items
- Working on low voltage systems (IT, AV, Security, RF)
- Work to take place on Saturdays
- Final cleaning

Phase 2 Foundations

- Install shear walls at east half of site (Site 6B)
- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation on west half of site (Site 7)
- Backfilling behind foundation walls
- Installation of underground plumbing

W. 132nd Street Demolition Prep

- Sidewalk repair
- Construction fence building and repair

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of September 24, 2018 and October 1, 2018

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: October 1, 2018 and October 8, 2018

What is happening

The Forum

- Painting
- Punchlist, commissioning incomplete items

Phase 2 Foundations

- Steel erection and metal deck installation at east half of site (Site 6B)
- Rebar and concrete installation on west half of site (Site 7)
- Backfilling behind foundation walls
- Installation of underground plumbing

W. 132nd Street Demolition Prep

- Sidewalk repair
- Construction fence building and repair
- Disconnection of water and sewer services to buildings scheduled for demolition

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 7:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on W.125th Street between Broadway and W.129th Street
- Truck loading only on the west side of Broadway from 129th to 130th streets
- W. 131st Street between Broadway and 615 W. 131st Street is closed until early 2019

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of October 1, 2018 and October 8, 2018

Neighboring construction projects not related to Columbia

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