

**Manhattanville in West Harlem
Implementation Plan Report
October 15, 2013 Submission**

Final Declaration Reference and Key Data

Section Number: 5.07 (c)(viii) Obligation Trigger: PACB Approval
Page Number: 54 Obligation Start Date: May 20, 2009 (PACB Approval date)
Obligation End Date: May 20, 2034 (25 Years from Commencement)*
Status: In Compliance

Obligation

New Public Middle and High School for Math, Science and Engineering. CU has collaborated with NYCDOE and has already agreed to provide the land necessary (via a rent-free, 49-year lease) to create a new public secondary school that will address the critical need to improve education in science, math and engineering for students in New York City on a site immediately adjacent to or within the Project Site. That school is currently educating students at the middle school level at a temporary location and will ultimately serve approximately 650 students from grades 6 through 12. Enrollment will be competitive, with the middle school enrollment coming from high performing local students from northern Manhattan above 96th Street. The middle school will provide roughly half of the enrollment of the high school with the balance of the high school enrollment filled through a competitive process for students from across the five boroughs. Columbia shall provide curriculum support to the faculty of the new school to ensure the highest level of education in math, science and engineering, and continuing for a 25 year period from May 20, 2009.

* The Obligation End Date refers to the obligation to provide curriculum support to the faculty of the new school. The obligation to offer land to create a new public secondary school has been fulfilled.

Process

- In October 2005, CU announced an agreement with the City of New York to collaborate with the Department of Education (DOE) in the creation of a new public secondary school.
- The Columbia Secondary School for Math, Science & Engineering, located at 425 W. 123rd Street, opened in the fall of 2007.
- Beginning with a founding sixth grade class, the school will add one grade per year and has currently reached its full enrollment of 650 students.
- CU offered land to the DOE at West 125th Street via a rent-free 49-year lease. The DOE has decided not to proceed with construction of a new public school building at this location, and will instead undertake upgrades to Columbia Secondary School's current location (425 West 123rd Street) for the school's long-term occupancy.
- The school is currently located and will remain on the 4th and 5th floors of PS-125 on 123rd St between Amsterdam and Morningside Avenue, as the Department of Education has determined is its preference.

External Communications

Please see Annual Community Outreach and Communications Plan for upcoming year.

Evidence of Compliance

1. Press release about the creation of the school (October 21, 2005)
2. Letter from DOE declining Columbia's offer of land for the New Public Middle and High School for MSE
3. Link to Columbia's Secondary School website
4. Annual report

Monitor Notes

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Columbia University to Create a New Public Secondary School Specializing in Science, Math and Engineering, in Collaboration with the City of New York

New York, Oct. 21 -- Columbia University announced today that it will collaborate with the City of New York on the creation of a new public secondary school that will address the critical need to improve education in science, math and engineering.

The new school is tentatively called the "Columbia Science, Math and Engineering Secondary School" and will be located in Manhattanville in West Harlem where Columbia has proposed building a new campus. The school initially will be located in a transitional space and will serve approximately 650 students from grades six through 12.

Enrollment will be selective, and priority will be given to high performing local students from northern Manhattan above 96th Street. At least half of the school's total enrollment will be comprised of students from northern Manhattan.

Mayor Michael Bloomberg announced the partnership during a visit to Columbia's Morningside campus in an event hosted by Columbia's College Republicans. Columbia University President Lee C. Bollinger was among those in attendance. (Click to see [video of the event](#).)

"Columbia is one of the finest educational institutions in the nation and this new secondary school will be able to draw upon Columbia's vast intellectual and academic resources," Mayor Bloomberg said.

This collaboration grows out of Columbia's deep and longstanding commitment to increase educational opportunities for New York City schoolchildren. It also will meet a pressing national need to improve education in science, math and engineering.

"America is struggling to maintain its global leadership in science, math and engineering, and it is vital that our nation's public schools and universities rise to the challenge and work together to strengthen education in these critical areas," President Bollinger said. "The school will address this need by increasing the opportunities for science, math and engineering education available to public school students in the City and our local neighborhoods."



President Bollinger talks with Geoffrey Canada, President and Chief Executive of Harlem Children's Zone, and Mayor Michael Bloomberg, shortly after the announcement.

[**PRESIDENT LEE C. BOLLINGER on the Importance of the New School Partnership**](#)

MAKING A DIFFERENCE
20 CU Local Education Programs in Science, Math and Engineering

[Double Discovery Center](#)

[Engineering Via Community Design](#)

[Columbia Kids Care Program](#)

[Harlem Tutorial Program](#)

[Head Start and Early Head Start Program](#)

[Hunter Program](#)

[Lang Youth Medical Program](#)

[Materials Research Science and Engineering Center Outreach Program](#)

Scheduled to open in September 2007, the school will be operated by the Department of Education in close collaboration with Columbia University, drawing on the University's faculty and academic resources for the design of its curricula and instructional program. The University also will help develop joint curricular and extracurricular programs that provide opportunities for the school's students to engage in early college experiences while actively contributing to Columbia University's campus life.

Faculty and graduate students throughout the University, especially from the Arts and Sciences, The Fu Foundation School of Engineering and Applied Science, and the basic sciences at the campus of the Columbia University Medical Center in Washington Heights are expected to participate.

The school is a natural outgrowth of the University's extensive and longstanding involvement in local education programs and partnerships (see inset). Each year, Columbia faculty and students from across the university participate in a variety of programs to improve educational opportunities for the city's children.

For over four decades, Columbia's Double Discovery Center, for example, has helped students in surrounding neighborhoods and throughout the City graduate from high school and college at a rate significantly above the national average.

Since 1958, Columbia's science and engineering departments have run the Science Honors Program, a highly selective, tuition-free program for high school students who have exceptional talent in mathematics and the sciences. The program offers courses primarily in physical, chemical, biological behavior and computing sciences, utilizing faculty from all of Columbia's science departments.

As plans for the school move forward, both Columbia and the City will enlist the support and input of leaders from across the City and from within the Academy to ensure that the school's curriculum and instruction reflect the most recent research and academic advances.

Related Links

- [Video: Mayor Bloomberg Visits Columbia to Announce New Public Secondary School](#)

[New York Schools Cosmic Particle Telescope \(NYSCPT\)](#)

[P.S. 128 Partnership](#)

[Research Experience for Teachers \(RET\)](#)

[Science and Technology Enrichment Program \(STEP\)](#)

[The Science Honors Program](#)

[Linking Food and the Environment](#)

[The K-12 Technology Integration Partnership](#)

[Service Learning in a Community Environment \(SLICE\)](#)

[State Pre-College Enrichment Program \(S-PREP\)](#)

[Summer Research Program](#)

[Women in Science at Columbia University](#)

[Chemistry High School Summer Program](#)

Published: Oct 21, 2005
Last modified: Oct 31, 2005

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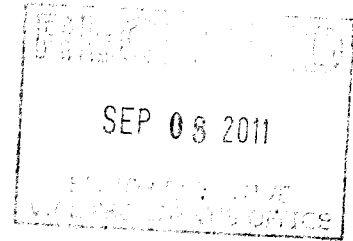
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**Department of
Education**

Dennis M. Walcott
Chancellor

Kathleen Grimm
Deputy Chancellor



August 29, 2011



Columbia University
311 Low Library
535 West 116th Street
New York, New York 10027

Re: 614-626 West 125th Street, New York

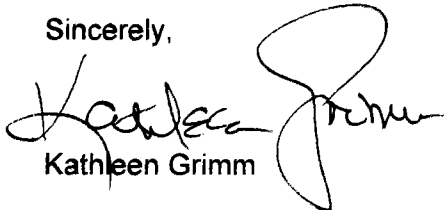
Dear :

The Department of Education and School Construction Authority conducted an evaluation of the property that Columbia University had offered to provide for construction of a new public school facility for the Columbia Secondary School at the southwest corner of West 125th Street and Broadway. After careful review of that site and in light of capital funding limitations, the Department of Education has decided not to proceed with construction of a new public school building at that location, and will instead undertake upgrades to Columbia Secondary School's current location (425 West 123rd Street) for the school's long-term occupancy.

As you are aware, the Department of Education has committed significant capital funding from its Charter/Partnership allocation to our partnership with Columbia University. Since we are not moving forward with construction of a new school building on Columbia's property, capital funds will instead be utilized for the upgrades at 425 West 123rd Street and also for renovations at the long-term location for the new Teachers College Community School at 168 Morningside Avenue.

Thank you for the University's consideration and support for the Columbia Secondary School and the new Teachers College Community School. We look forward to continuing our partnership with the University to the benefit of these schools and the communities they serve.

Sincerely,



Kathleen Grimm

cc: Lorraine Grillo
Kenrick Ou

New Public Middle and High School for Math, Science and Engineering

Link to Columbia's Secondary School website:

<http://www.columbiasecondary.org/front>

The screenshot shows the homepage of Columbia Secondary School. At the top, there is a navigation bar with links for HOME, PARENTS, ADMINISTRATION, ADMISSIONS, GUIDANCE, and SUPPORT US. The main content area is divided into several sections:

- User login:** A form with fields for Username and Password.
- About Our School:** A section describing the school's mission and location. It mentions that the school is a public, sixth through twelfth grade school that opened in the fall of 2007. The location is listed as "The school is located on the 5th, 4th, & 3rd floors of PS-125 on 123rd St between Amsterdam and Morningside Avenues."
- News and Upcoming Events:** A section with a "Back To School Information" link and a "Student Supply List" link. It also features a "SUMMER Assignments for Upcoming School Year: 2013-2014" link.
- CSS Webmail:** A section for accessing email, calendars, and shared documents.
- Learn about our admissions process:** A section for middle school applicants for 6th grade, including an "Update on Middle School Admissions" link.
- CSS Newspaper:** A section with a "CSS Newspaper Website" link and a "CSS Tackles Rugby Championship" link.
- Upper School Applicants:** A section for upper school applicants, including an "Application Deadline: December 3, 2012" link.

The website also features a "CSS PICNIC" link and a "Further Information:" section with contact information for Roxana Bosch at columbiasecondary.org.

Annual Report: New Public Middle and High School for Math, Science and Engineering

For the 2012-2013 school year, the staff and students at Columbia Secondary School for Math, Science, and Engineering have benefitted from the following interactions/services from the faculty at Columbia University.

Faculty/ Staff Member	Department	CSS-MSE Staff Member	Project/Purpose	Time Period
██████████	Teachers College	██████████ ██████████ ██████████	Providing support to CSS-MSE as one of the TC Partnership Schools, including workshops for teachers of English, and for school leadership	Monthly, during the 2012-2013 school year
██████████ ██████████	School of Continuing Education	██████████ ██████████	Creating admissions and enrollment processes for CSS-MSE students	Monthly, during the 2012-2013 school year
██████████	Math Department	██████████ ██████████	Consults with CSS-MSE staff on math curriculum to ensure good integration with CU courses	September 2012, January 2013
██████████	Provost's Office	██████████	Improving existing admissions structures for CSS-MSE students to enroll in the School of Continuing Education (SCE) through meetings with SCE and CSS staff. Continue providing outreach and introductions to University departments. Serve on Friends of CSS, a non-profit organization whose aim is supporting the curricular and extracurricular activities of CSS. Met with NYC DOE Chancellor and staff to address administrative issues. Secured \$175,000 in additional funding from Office of the Provost for FY 2014.	Weekly, monthly, ongoing Ongoing Summer 2013
██████████	Office of Alumni and Development	██████████	Based on fundraising study, working with Friends of CSS and Principal to identify and cultivate potential donors.	Summer 2013 and ongoing through Summer 2013
██████████	Provost's Office	██████████	Providing administrative coordination. Assisting with production of CSS-MSE 2014 graduation. Assisted in preparation for annual meeting with NYC DOE Chancellor.	Summer 2013 and ongoing Summer 2013
██████████	Student and Administrative Services	██████████	Negotiating retail contribution from Barnes & Noble to decrease cost of text books required for Columbia classes.	Summer 2013-Fall 2013
██████████	Fu School of Engineering	██████████	Collaborated with ██████████ in lab-based studies around engineering topics for CSS curriculum.	Summer 2013
██████████	Summer Principals Academy	██████████	Taking courses in administration and supervision through the Summer Principals Academy in order to support work as an administrative intern at CSS during the 2013-14 school year.	Summer 2013-2014

Additional Supporting Documentation

- Letter dated July 3, 2013 from the Principal of Columbia Secondary School verifying Columbia University's compliance
- Letter dated September 13, 2013 from the Principal of Columbia Secondary School verifying Columbia University's compliance

COLUMBIA SECONDARY SCHOOL

for Math, Science, & Engineering

425 West 123rd Street, New York, NY 10027



A Public School, Community, and University Partnership Challenging Academics – A Passion for Reason and Knowledge – Strength in Diversity

Memorandum

From: Miriam Nightengale, Principal

To: [REDACTED] Office of the Provost, Columbia University

RE: Columbia University Faculty/Columbia Secondary School Staff Interactions

Updated: July 3, 2013

In the 2012-13 school year, staff, and students at Columbia Secondary School for Math, Science and Engineering have benefitted from the following interactions/services from the faculty at Columbia University.

University Faculty/Staff Member	Department	CSS-MSE Staff Member	Project/Purpose	Time Period
[REDACTED]	Provost's Office	[REDACTED]	Creating admissions structures for CSS-MSE students to enroll in the School of Continuing Education, Providing outreach and introductions to university departments, Representing CU at monthly board meetings at CSS-MSE	Weekly, monthly, ongoing during 2012-13 school year
[REDACTED]	Provost's Office	[REDACTED]	Serve on Friends of CSS, a non-profit organization whose aim is supporting the curricular and extracurricular activities of CSS	March 2013-ongoing
[REDACTED]	Office of Alumni and Development	[REDACTED]	Completed a fundraising study for Friends of CSS	Spring 2013
[REDACTED]	Teachers College	[REDACTED], [REDACTED], [REDACTED]	Providing support to CSS-MSE as one of the TC Partnership Schools, including workshops for teachers of English, and for school leadership	Monthly, ongoing during the 2012- 13 school year
[REDACTED], [REDACTED]	School of Continuing Education	[REDACTED], [REDACTED], [REDACTED]	Creating admissions and enrollment processes for CSS-MSE students	Monthly, ongoing 2012-2013 school year
[REDACTED], [REDACTED]	Math Department	[REDACTED], [REDACTED], [REDACTED]	Consults with CSS-MSE staff on math curriculum to ensure good integration with CU courses	September 2012, January 2013

University Faculty/Staff Member	Department	CSS-MSE Staff Member	Project/Purpose	Time Period
[REDACTED], [REDACTED] [REDACTED]	Chemistry Department	[REDACTED], [REDACTED], [REDACTED]	Consults with CSS-MSE staff on science curriculum to ensure good integration with CU courses	Monthly, ongoing during the 2012- 13 school year
[REDACTED] [REDACTED]	Fu School of Engineering	[REDACTED] [REDACTED]	Developing outreach programs for CSS-MSE staff and students to better integrate CSS engineering sequence with CU engineering courses	Monthly, ongoing during the 2012- 13 school year
[REDACTED]	School of Engineering	[REDACTED], 4 CSS-MSE students	Mentoring Robotics First Team	October 2012- March 2013
[REDACTED] [REDACTED]	Double Discovery Program	[REDACTED], 90 CSS-MSE students	Providing academic support services to CSS-MSE students	Weekly, 2012-13 school year
[REDACTED] [REDACTED]	Classics Department	[REDACTED], [REDACTED], 20 CSS-MSE students	Taught an after-school Latin course at CSS	Fall 2012
[REDACTED] [REDACTED]	Human Resources (CUHR)	6 CSS-MSE students	Provided CSS-MSE students with internships	Summer 2012

Sincerely,

Miriam Nightengale
Columbia Secondary School Principal

[REDACTED]

COLUMBIA SECONDARY SCHOOL


for Math, Science, & Engineering

425 West 123rd Street, New York, NY 10027



A Public School, Community, and University Partnership Challenging Academics – A Passion for Reason and Knowledge – Strength in Diversity

Memorandum

From: Miriam Nightengale, Principal 
 To: [REDACTED] Office of the Provost, Columbia University
 RE: Columbia University Faculty/Columbia Secondary School Staff Interactions
 Updated: September 13, 2013

From June 25-September 13, 2013 the staff and students at Columbia Secondary School for Math, Science, and Engineering have benefitted from the following interactions/services from the faculty at Columbia University.

University Faculty/Staff Member	Department	CSS-MSE Staff Member	Project/Purpose	Time Period
[REDACTED]	Provost's Office	[REDACTED]	Improving existing admissions structures for CSS-MSE students to enroll in the School of Continuing Education (SCE) through meetings with SCE and CSS staff. Continue providing outreach and introductions to University departments. Serve on Friends of CSS, a non-profit organization whose aim is supporting the curricular and extracurricular activities of CSS. Met with NYC DOE Chancellor and staff to address administrative issues. Secured \$175,000 in additional funding from Office of the Provost for FY 2014.	Weekly, monthly, ongoing Ongoing Summer 2013
[REDACTED]	Office of Alumni and Development	[REDACTED]	Based on fundraising study, working with Friends of CSS and Principal to identify and cultivate potential donors.	Summer 2013 and ongoing through 2013
[REDACTED]	Provost's Office	[REDACTED]	Providing administrative coordination. Assisting with production of CSS-MSE 2014 graduation. Assisted in preparation for annual meeting with NYC DOE Chancellor.	Summer 2013 and ongoing Summer 2013
[REDACTED]	Student and Administrative Services	[REDACTED]	Negotiating retail contribution from Barnes & Noble to decrease cost of text books required for Columbia classes.	Summer 2013-Fall 2013
[REDACTED]	Fu School of Engineering	[REDACTED]	Collaborated with [REDACTED] in lab-based studies around engineering topics for CSS curriculum.	Summer 2013
Various faculty	Summer Principals Academy	[REDACTED]	Taking courses in administration and supervision through the Summer Principals Academy in order to support work as an administrative intern at CSS during the 2013-14 school year.	Summer 2013-14