

**Community-Based Programs and Partnerships of
Columbia's Schools, Institutes and Departments in Harlem & Washington Heights**

This is a compilation in progress, last updated: December 14, 2020

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Arts

School of the Arts: Lenfest Center for the Arts

Many events, programs, and in-kind donations of Lenfest space to community organizations that include Bridge Lab/The Boys and Girls Club of Harlem, The Lapidus Center for the Historical Analysis of Transatlantic Slavery at the Schomburg Center (NYPL), The Studio Museum in Harlem, West Harlem Group Assistance area artists, tenant associations, public schools and students, local government bodies, and elected officials.

MFA Film Program

IMPACT Repertory Theater

Professor Jamal Joseph is the artistic director of this Harlem-based organization. The School of the Arts offers rehearsal space to IMPACT in Prentis Hall. "IMPACT Repertory Theatre Performance Company is a safe space where young people use current events and their own personal experiences as material to explore the issues facing young people in America."

MFA Theatre Program

The Young Company

"For almost 15 years, The Young Company has been forging a dynamic relationship between the MFA Acting students of Columbia University School of the Arts and the youth of New York City....Through a community partnership with The Classical Theatre of Harlem, each year Columbia's third-year MFA Acting students present a 90-minute production of a Shakespeare play that is designed specifically for young audiences."

MFA Writing Program

Columbia Artist/Teachers (CA/T)

Founded in May 2002, Columbia Artist/Teachers (CA/T) is a faculty of MFA Writing candidates. It provides MFA teachers with training and teaching opportunities on and off campus, with students of all ages and levels. "We collaborate with local schools and various community organizations in New York to establish no-cost arts education programs designed specifically to the needs and goals of the institutions." Recent teaching sites include Rikers Island, Hudson County Correctional Facility, Double Discovery Center, Columbia Veterans Workshop, and Breaking Ground (Prince George). CA/T is advised by Professors Alan Ziegler and Dorothea Lasky.

Miller Theatre

As the only venue of its kind on the Columbia campus, Miller Theatre hosts and provides high quality, professional production support for a wide variety of events produced by local community organizations as well as University schools, departments, and institutes. Recent collaborations with community organizations include the following: East Side Dance Company, Every Voice Choirs, Harlem Opera Theatre, Harlem Chamber Players, House of the Roses Volunteer Dance Company, League of Composers/ICSM, New York Theater Ballet, Reel to Reel African Diaspora Film Festival, School in the Square, Soh Daiko, While We Are Still Here (WWSH).

Miller Theatre and Arts Initiative: Morningside Lights

Launched in 2012, Morningside Lights is an annual outdoor procession featuring dozens of lanterns built by members of the Morningside community during a week of free public workshops. A co-production of Columbia University's Arts Initiative and Miller Theatre, Morningside Lights is conceived of and directed by Processional Arts Workshop (PAW) under the direction of Alex Kahn and Sophia Michahelles. Students, families, and members of the community come together to attend a week of workshops, learning the artistic techniques of Kahn and Michahelles and bringing a fleet of illuminated lanterns to life with an evocative

theme each year. To date, nearly 12,000 attendees have participated in workshops and processions. Ongoing and recent collaborations with community organizations include the following:

- Arts and Culture Committee of Community Board 9
- Down to Earth Farmers Market
- Frederick Douglass Boulevard Alliance
- Friends of Morningside Park
- Harlem Arts Alliance
- Harlem Grown
- Harlem One Stop
- Morningside Area Alliance

Wallach Art Gallery:

- [Uptown Triennial Art Show](#), opening Fall 2020, commemorating the centennial of the Harlem Renaissance
- [Uptown People's Assembly: Facing the Raging Pandemics](#), brought together activists, artists and scholars from the Upper Manhattan community

Athletics

- Columbia University Athletics focuses on providing an experience to low-income youth in the Harlem and Washington Heights area by inviting individuals to instructional clinics and varsity games. Our 31 varsity sports are able to provide a collegiate experience with personal interaction while encouraging participants to pursue academic excellence and their dreams within athletics. The department also provides tours of our facilities to engage and excite youth about college. Some of the groups the athletic department works with annually are:
 - Harlem United
 - Pa'lante Harlem
 - Police Athletic League
 - Harlem Village Academies West Middle Charter School Girls Team
 - Uptown Inner-City League
 - Harlem Lacrosse
 - Eagle Academy for Young Men
 - Empowering Youth Towards Excellence
 - Inwood Academy for Leadership
- Northern Manhattan Appreciation Neighbors Day -All residents of the Northern Manhattan communities of Inwood and Washington Heights are invited to attend a Columbia Football game. Residents from Northern Manhattan receive complimentary game tickets and are invited to experience a fun-filled day which includes Columbia's fan zone presented by Coca Cola. Activities include lawn games, game-day face painting by the Columbia Dance team, photo opportunities with Roar-EE, giveaways and more. Local businesses are also invited to table and promote their Northern Manhattan business.

- Girl Scouts & Boy Scout Day - Athletics provides multiple opportunities for Girl Scout and Boy Scout troops to earn various badges such as the sportsmanship badge by attending a Columbia student-athlete run badge session and a Columbia game. During the Columbia game, all participants are welcomed onto the field or court and are presented with their badge. This began a few years ago after Athletics learned of the sparse opportunities within the Inwood, Washington Heights, Harlem for these groups.
- Education Day - The surrounding schools in the community are invited to fill every seat in the Levien Gymnasium to watch a Columbia Women's Basketball game and experience the excitement of collegiate athletics. Athletics provides posters to all who attend, and welcome perfect-attendance students onto the court during halftime to recognize their excellence in school.
- Through [We Roar Together](#), our DEI Committee, we have established a civic and community engagement sub-committee that focuses on creating volunteer opportunities for our department to engage within Harlem and Washington Heights. The subcommittee launched their first department wide community engagement campaign for the holiday season and partnered with two organizations accepting monetary donations to fight food insecurity, [Columbia Community Service](#) Group and [Medical Center Neighbors Fund](#) and look to continue this initiative annually.

Business

- The [Columbia-Harlem Small Business Development Center \(SBDC\)](#) offers resources, mentorship, and programs for small business owners and entrepreneurs in the Harlem and southern Bronx neighborhoods.
 - Clients:
 - Since the Center was founded in 2009, advisors have worked directly with 2,755 businesses, helping them to invest \$76,584,108 in the area's economy, and create or save 3,924 jobs.
 - The Center has provided direct, one-to-one confidential counseling to 527 businesses since October 2019.
 - Breakdown by industry (Top 5): Professional, Scientific & Technical Services (17%), Retail Trade (16%), Accommodation & Food Services (13%), Manufacturing (11%), Tie between Healthcare & Social Assistance and Arts, Entertainment & Recreation (5%)
 - Services:
 - One-on-One Counseling
 - Workshops for clients at all stages of their business including "Starting your Lean Business", "Small Business Operation", "Small Business Marketing", "Small Business Finance"
 - Programs all align with the MBA Core Curriculum and are taught by CBS faculty where possible
 - Harlem Local Vendors [HLVP] – an incubator program that teaches clients about best practices for vendor supplier relationships. HLVP is a

partnership with Harlem Park to Park, Whole Foods Market, Harlem Community Development Corporation, and Hot Bread Kitchen. To date, the HLVP program has assisted with securing supplier partnerships for over twenty Harlem based vendors with retail and institutional partners including Whole Foods Market, Macy's and Columbia University Dining Program.

- Columbia Community Business [CCBP] – an accelerator program where participants will receive one-on-one business counseling, entrepreneurial education, and professionally facilitated peer learning. The program helps established business owners focus on their goals, maximize their time, increase revenues, build the right team, and make a big leap forward.
- Competitions:
 - Pitch – in partnership with other local SBDCs. Clients learn basic pitch techniques and create their own pitch to be evaluated for a cash prize sponsored by Capital One.
 - Brand Story – helps clients translate their value proposition into a short, engaging video which are evaluated for a cash prize sponsored by Santander Bank.
- **Columbia First Generation Investors Partnership** – In Fall 2020, the DEI Initiative launched a new partnership with First Generation Investors, a nonprofit program that teaches high school students in underserved communities the power of investing. A Columbia Business School EMBA student is currently leading this effort with Columbia undergraduate students mentoring 10 high school students at the Columbia Secondary School.
- **Day of Impact** - Volunteer work with local non-profit organizations.
- **Columbia Community Business Program** - Housed in the School's Small Business Development Center, the Columbia Community Business Program (CCBP) gives for-profit businesses based in Upper Manhattan access to the School's various entrepreneurial resources, including training sessions with business coaches and regular meetings with students, faculty members, and alumni. Through this engagement, local entrepreneurs gain valuable advice from current and future industry leaders on how to transform their businesses. CCBP partners with community organizations such as the Abyssinian Development Corporation, the Harlem Business Alliance, the Upper Manhattan Empowerment Zone, and others who serve as advisers to the program.
- **Nonprofit Board Leadership Program** - Part of the School's Tamer Center for Social Enterprise, the Nonprofit Board Leadership Program pairs current students with New York City nonprofits to work on research projects throughout the year. Students present their findings and offer suggestions to nonprofit board, using the business skills they learn at the School to help influence public service in real time. Past nonprofit partners include Friends of the Children, the Riverside Park Fund, Pathways to Housing, and many more.
- **Harlem Tutorial Program** - A joint project with the Law School, the Harlem Tutorial Program matches 80 Columbia Business School students each year with Harlem-area junior high school students, whom they tutor on campus one or two afternoons per

week. In addition to helping the participants achieve academic success, the objective of the program is for tutors to act as role models for junior high school students, aiding in their social and educational development.

- **Community Career & Money Skills Student Club** - CCMS is a community service club that educates the community surrounding CBS by encouraging and empowering individuals to take control over their financial well-being, informing the community about best practices related to career preparation and personal money management, and driving financial awareness in and around the greater NYC area.
- **Holiday Party for Kids** - Each November, the Graduate Business Association invites 180 schoolchildren from the local area to campus to attend a holiday celebration thrown by Columbia Business School students. Uris Hall is transformed into a children's party space complete with holiday decorations, seasonal music, activity stations, and even an MBA student doubling as Santa Claus. Children play games, sing carols, and leave with a present.
- [The Dean's Summer Fellows Program](#) - Dean's Summer Fellows program provides paid summer internship opportunities in multiple tracks for first year and graduating second-year MBA students, as well as EMBA and MS students. 257 students were awarded fellowships in Summer 2020. As part of the Small Business Consulting track, students worked jointly with the Columbia-Harlem Small Business Development Center (SBDC) to provide consulting services to 12 businesses in the Columbia community. The companies served included many Black, Hispanic, and women-owned businesses. Fellows honed their consulting skills on a variety of issues, including enhancing digital capabilities in response to COVID-19, developing better financial reporting and project economics, and improving hiring and retention practices.
- [Columbia Emergency Loan Fund](#)
 - 8 loan application requests for approx. \$400K
 - Loans are in various stages of review
 - Anticipate receiving more applications once businesses run out of federal funds
 - Expect to allocate the full \$2M by the end of the calendar year
- Recent efforts have been made to increase student engagement in business development projects and research, with many of the projects supporting CBS efforts to impact underrepresented minorities.
- As we continue to develop meaningful ways to improve the culture and climate of the business school, we cannot forget the mission of CBS to bridge theory to practice. In our efforts to expand business research in the field of racial justice the Business School strives to identify companies to pair with faculty to develop caseworks, identify best practices, and provide strategic recommendations for creating an equitable and racially diverse organization.

More information can be found here:

- [Community Programs](#)

- [Double Discovery Center](#)
- [Holder Initiative for Civic and Political Rights](#)
- [Community Impact](#)

Columbia Global Centers

Columbia's Global Centers work primarily outside of the United States; highlights of their global programming related to anti-racism are included here.

- [Black Lives Matter: From Minneapolis to Paris to Rio de Janeiro](#) - Global Centers Network - panelists discussed the history of civil rights, slavery, white supremacy, and the global trajectory and intersectionality of the Black Lives Matter movement.
- [Stigma and Discrimination in the midst of a pandemic](#) - Nairobi Global Center - discussed experiences with, perceptions of, and strategies to address stigma and discrimination in informal settlements during COVID-19.
- [PGIF Project: The Sojourner Project South Africa: A Black Mobile Academy](#) - Nairobi Global Center - creates multi-directional dialogues across Africa and its diasporas with local artists, activists, scholars and thought-leaders to develop strategies for addressing black precarity, fungibility, and anti-black violence.
- [Alexis J. Hoag, "Policing Black Bodies: Race & Gender in the Criminal Legal System" | Episode 3 | #TheDomesticGaze](#) - Paris Global Center - discussed history of the criminal legal system, how and why the criminal legal system is so inextricably tied to slavery, why police should be abolished, the school-to-prison pipeline, and the disproportionate impacts systemic racism has on Black women.
- [Race, Inequality and Perspectives on the U.S. Elections](#) - Rio Global Center - discussed the US Presidential Election and its implications for US Democracy amid COVID-19, the Black Lives Matter movements, and racial and economic equality in the US.
- [Rights for Whom? Racial Policies in Brazil and United States](#) - Rio Global Centers - discussed racial policies from the perspective of comparative constitutional law, human rights, public policy, and theology.
- [Racial Social Norms Among Brazilian Students: Whitening, Social Status and Performance](#) - Rio Global Center - investigated the relationship between students' social status and grades in Brazil, and how it differs between racial groups.
- [Combating Inequality in Brazil: A Global Perspective on Diversity, Inclusion, and Equity](#) - Rio Global Center - discussed research on inequality in Brazil through the lens of human rights law, culture, and social policy.

Columbia World Projects

Projects

The impact of racism, particularly as a means of exacerbating long-standing inequities in our society, is an underlying issue that has surfaced in the context of every fundamental challenge we have sought to address through Columbia World Projects [Fora](#), from maternal health and unequal opportunity to the COVID-19 pandemic. As a result, addressing such racial disparities and injustices has been the explicit focus of a number of projects, both those that have advanced out of the Fora for further development and those that have not.

- These include two projects that advanced out of our Maternal Health Forum, one of which recently [launched](#), that aims to address racial disparities in physical and mental health morbidities after childbirth that can lead to lasting racial health disparities for both women and children. A second project, currently in development, aims to reduce maternal mortality and morbidity in New York State by improving access to – and the quality of – mental health services, with an explicit focus on closing the enduring disparities for Black women.

Because Columbia World Projects does much of its work outside of New York, other projects that address the destructive effects of structural racism are included here:

- A project that is currently in development after being generated in our Disaster Preparedness, Resilience and Response Forum is working with Virginia’s Department of Emergency Management to develop and test ways to use disaster mitigation and response programs to reduce inequity, rather than increasing them by disproportionately benefitting white and high-income residents, as is so often the case with federal, state and local disaster programs.
- Tackling the lack of household wastewater treatment in Alabama’s Black Belt region and its dire consequences – which is the focus of one of the [projects](#) that was developed out of the Forum on Unequal Opportunity – is an important part of a response to the systemic underinvestment and disempowerment of Black communities in the region that have led to such inadequate access.
- Low-income families in the United States – disproportionately from communities of color – whose children typically enter kindergarten one year behind their higher-income peers are the target beneficiaries of a [project](#) that out of CWP’s [Inequality Forum](#) aimed at closing the opportunity gap for such children.
- Three other projects in development address the disproportionate impact of the COVID-19 crisis on Black and Latinx communities.

Research and Engagement

The Research and Engagement Team of Columbia World Projects has made a focus on New York City a priority in the meetings we shape. We held an initial meeting gathering scholars and practitioners whose work engages New York City in order to assess university capacities and needs. We identified the need to incentivize faculty research that responds to the priorities of organizations assisting communities in upper Manhattan and have a draft request for proposals in progress.

Data Science Institute

- **Research Highlights**
 - AI-Assisted Identification of Child Abuse and Neglect in Hospital Settings with Implications for Bias Reduction and Future Interventions
 - Nudging NY: Using Data Science to Increase Health Care Access in Underserved Communities
 - Racial Residential Segregation and COVID-19 Mortality in the United States
 - Reducing Racial and Gender Achievement Gaps in STEM: Use of Natural Language Processing to Understand Why Affirmation Interventions Improve Performance
 - Gender and Racial / Ethnic Inequality in High-Skilled Labor Market: Gaining New Insights from Online Resume and Reviews Database
 - Decentralized / Democratized Machine Learning
 - Trustworthy AI: Verifying Fairness in Machine Learning and Ensuring Fairness Beyond the Training Data
- **Outreach**
 - Center for Court Innovation Teen Technology Advisory Council
 - Cloud Enhanced Open Software Defined Mobile Wireless Testbed for City-Scale Deployment (COSMOS) Research Experience for Teachers
 - Inclusive Tech Fellowship for Formerly Incarcerated Individuals
- **Capstone Projects**
 - Gentrification in New York City
 - Putting a Price on Gun Violence Prevention
 - Visualizing Gun Violence and Poverty in American Cities
 - Influence of Police Violence Against Unarmed Black Victims on Twitter Conversation
- **Student Fellowships**
 - JP Morgan Columbia University Data Science Institute Masters Diversity Fellowship Award Program will fund three (3) MS in Data Science students who are from historically underserved or underprivileged populations

Dental Medicine

- Eldersmile - Dental/BP Screenings and Ha1c testing at senior day centers

- DentCare - School-based community clinics and Mobile Dental Center locations across Washington Heights, the Bronx and Harlem
- Sealant Program - Provides protective sealants to school age children
- Community board participation - Fort George
- Community partnership with Community League of the Heights and Community Health Academy of the Heights
- Affinity club activity with community health fairs - Bronx, Harlem, Washington Heights, NJ
- Lang program participation
- CDM/Nursing interdisciplinary experience at nursing homes, possibly home visits to come
- Columbia free clinic, dental – Harlem
- El Nido - Teaching OHI from birth-3 y.o
- Give Kids A Smile - February, Washington Heights multicenter screening initiative
- Impressions Day - Professional exposure to dentistry for scholars from local schools
- Incarnation Children’s Center OHI training for HIV positive children
- Heights Helpers - Middle school afterschool program at Community Health Academy of the Heights

Earth Institute

- **Relationship with WE ACT for Environmental Justice:** The Earth Institute has partnered in various ways with WE ACT for Environmental Justice in West Harlem. WE ACT’s mission is to build healthy communities by ensuring that people of color and/or low-income residents participate meaningfully in the creation of sound and fair environmental health and protection policies and practices. Many Earth Institute centers and PIs have worked with WE ACT in research and education activities, and have brought WE ACT representatives into events, trainings, and student capstone projects. For example, in 2014 a student capstone group worked with WE ACT to develop strategies for building and financing the Harlem Green Zone, an initiative to address the combined challenges of high unemployment, poorly maintained housing, and a legacy of environmental degradation and related poor health outcomes. And in October 2020, we are planning a skills seminar for Earth Institute students on climate justice and leadership, in partnership with WEACT.
- **Research:** Research has been conducted by individual PIs/centers in Harlem and the surrounding communities, but not in a centralized or sustained manner. Research topics include science education, air pollution monitoring, climate change adaptation, urban design, and the role of green infrastructure, green space and community gardens. Some research projects involved interviews with residents, though not all engage directly with community members.
- **K-12 Teacher Training:** The Earth Institute recently implemented a formal K-12 teacher training program, which engaged educators from across the U.S., including local participants from the Columbia Secondary School and Project Rousseau, a nonprofit

with work in Harlem whose mission is to empower youth in communities with the greatest need to reach their full potential and pursue higher education.

- [Secondary School Field Research Program \(SSFRP\)](#): This program, run by the Earth Institute's Lamont-Doherty Earth Observatory, has since 2006 brought high school students, science teachers and undergraduates to Lamont every summer to do field and laboratory research in wetlands ecology. For the past four years, the program has engaged 54 high school students (including recent graduates), 15 college students — most are graduates of the high school program — and 10 high school science teachers. A number of these students represent the Harlem community. Currently, partnering schools are The Young Women's Leadership School of East Harlem, The Young Women's Leadership School of Queens, and The Urban Assembly New York Harbor School. In the past, partners included Frederick Douglass High School I, Curtis High School, and the Manhattan Hunter Science High School.

Facilities and Operations

ORGANIZATION-WIDE

- 532 (approximately 25%) of Facilities and Operations staff live in the University's local catchment area which includes Harlem, Washington Heights, Inwood, and areas of the South Bronx.
- **Commitment to Minority, Women and Locally-Owned (MWL) Businesses and Workforce**
 - Total MWL spend over the last 10 Fiscal Years was \$1.1B or 32.5% of all spend.
 - Total MWL spend over the last 5 Fiscal Years was \$677.1M or 34.4% of all spend.
 - MWL workforce over the last 5 Fiscal Years totaled 2.0M hours or 47.0% of all workforce hours.
- Facilities and Operations employees participate in a [recreational softball league](#) to raise money for local charities. In 2019, the league donated \$2,400 to Columbia Community Service (CCS) and \$2,350 to the Medical Center Neighborhood Fund.
- Each year, Facilities and Operations employees participate in the annual CCS **basketball tournament and fundraiser**. The [tournament in 2020](#) raised \$7,248.50 for the CCS Annual Appeal, supporting local food pantries, after-school programs, and community-based nonprofits.

PUBLIC SAFETY

- Local businesses can register for the Public Safety [Safe Haven program](#) and pledge to assist community members in distress by contacting Public Safety or the NYPD. These businesses display a distinctive red lion logo on their storefronts.
- In partnership with the local NYPD precinct and community board, Public Safety collects **donations of back-to-school supplies** for local community students. At [last year's event](#), hundreds of parents and children gathered to participate in rock climbing, dental screenings, health screenings, haircuts and hair braiding, refreshments and other fun activities as they collected their school supplies.

- Columbia University Public Safety partners with the New York City Police Department and the Drug Enforcement Administration for [National Prescription Take-Back Day](#) to provide a safe disposal location for unused prescription medications

MANHATTANVILLE

- **The Forum's** ground floor Atrium is a gathering space open to the public daily from 8:00 a.m. to 8:00 p.m. (except University holidays). With ample seating, tech tables for charging devices, and free WiFi, the Atrium is ideal for those needing a quiet place to work, study, or meet a friend over a cup of coffee. Throughout the year, The Forum joins with other Manhattanville-based Columbia departments to host Community Days, which fill the campus and The Forum with a diverse selection of family-oriented programs for Columbia neighbors.
- Annually, the Manhattanville Development Group, with participation from its professional service partners, [mentors a group of high school students](#) through the year-long Architecture, Construction, and Engineering **(ACE) Mentorship Program**.
- From time-to-time, staff at Manhattanville Development Group provides [tours and educational sessions](#) to high school students.
- A Project Labor Agreement with the Building and Construction Trades Council and local unions offered up to [\\$25 million in contract opportunities to non-union, minority-, women- and locally-owned firms](#) in the Upper Manhattan Empowerment Zone area.

OPERATIONS

- Twice annually at both the Morningside and Manhattanville campuses, Campus Operations hosts [Clean and Go Green](#), where people can drop off and recycle electronics, batteries, light bulbs and other hazardous waste, as well as seek a new home for books and other belongings at the tent on College Walk.
- Manhattanville Operations has [apprenticeship positions](#), where individuals are hired as apprentices to learn trades on the job while also attending classes at trade schools. The program is designed to fill anticipated voids of a retiring workforce with a deficit of skilled practitioners to take their place.
- The Bubble at Baker was transformed into a [field hospital](#) in April 2020 to support neighboring NewYork-Presbyterian Allen Hospital, capable of treating as many as 288 patients that have mild COVID-19 symptoms.
- Facilities and Operations [opened residence halls to doctors and healthcare workers](#) during the height of the COVID-19 pandemic in New York City.

FINANCE AND ADMINISTRATION

- Facilities and Operations offers [paid summer internships](#) for high school students living in the local community who are looking to gain real work experience before graduation.
- Facilities and Operations partners with University Human Resources to hold a [career fair](#) for the community, typically held annually.

CAMPUS SERVICES

- Columbia Dining maintains a strong relationship with Yes Solutions, a local organization dedicated to [supporting neighborhood families in need](#). Dining also donates surplus fresh fruits and vegetables to neighborhood churches, homeless shelters, and food pantries and provides kitchen equipment to neighborhood churches, homeless shelters, and food pantries.
- Columbia Dining is a member of the [Harlem Local Vendor Program](#) (HLVP), designed to support Harlem food and product entrepreneurs. The HLVP is a partnership of the Columbia-Harlem Small Business Development Center, Harlem Park to Park, and Hot Bread Kitchen Incubates. The program includes business education, product consultation, vendor fairs and more. As a result of its involvement with the program, Columbia Dining has purchased products from seven local vendors to carry in its residential and retail locations, including the Por La Gracia De Dios Tres Leches Café, Stylish Spoon, Pabade Bakery's Vegan Muffins, Janie Bakes' Pie Crust Cookies, Kamuni Creek, Clean Plate Co., Casey's Krunch's Granola On The Go, Mojo Desserts, Mama's One Sauce, Mama Margarita Salsa, Harlem Noir Cards, and additional offerings already in the works.
- Columbia Dining partnered with The Cathedral Church of St. John the Divine to [prepare and distribute healthy meals to New York City residents](#) affected by food insecurity and scarcity. This summer, this initiative provided 1,000 bagged meals per day to help vulnerable populations meet their basic daily needs. This effort is part of the recently launched Columbia Neighbors Food Relief Fund that brings together the extraordinary resources of the entire University community to fight hunger in Upper Manhattan.
- Environmental Stewardship's [surplus reuse program](#) facilitates the exchange of office furniture and equipment within the University and local community organizations supported by Columbia Community Service. In support of Columbia's commitment to environmental and fiscal sustainability, the program conserves resources and minimizes waste. Departments can save money on furniture costs, and community organizations can serve the populations that need items the most.
- Columbia Transportation provides [shuttle bus service](#) for qualifying community members via the ADA-accessible Intercampus Shuttle. The shuttle connects 96th Street, the Morningside campus, the Medical Center, and Harlem Hospital with stops at nearby subway and transit stops. The shuttle is free for people with disabilities, the elderly and their companions, as well as individuals with service animals.
- In partnership with the Harlem Local Vendor Program, local retailer NiLu participated in the Columbia University bookstore's first ever [holiday market event](#).
- In partnership with the Columbia-Harlem Small Business Development Center, Columbia Dining hosts the [Harlem Buyer Fair](#) in John Jay Dining Hall. This annual event helps connect local food, body care and gift vendors with interested buyers from Whole Foods, FreshDirect, Columbia Dining and other corporations nationwide. Vendors offered samples of their products and informational materials to attendees and received valuable feedback directly from potential consumers.

- **Event Management's [Blue Menu](#)** offers a curated selection of local and sustainable dishes and also helps neighborhood charitable organizations. A portion of the bill (\$5 per person) is donated to benefit CCS with an additional match from Event Management. Since its introduction last year, the Blue Menu raised over \$4,000, which was used to make grants to Columbia Community Service's pantries this summer. Four of these include Broadway Community's Community Table, NY Common Pantry, St. Mary's Episcopal Church's Outreach Soup Kitchen, and the West Side Campaign Against Hunger.
- Campus Services and CSS have partnered with Special Needs Activity Center for Kids *and Adults (SNACK), a New York City-based not-for-profit organization that supports children, teens, and adults with Autism Spectrum Disorders and other similar developmental and behavioral disabilities by providing after-school and weekend recreational programs designed and staffed to address their needs. In 2018, two adults were [trained and offered positions](#) with Columbia Dining to maintain the cleanliness of John Jay Dining Hall.

CONSTRUCTION BUSINESS INITIATIVES

- The [CU Grow Vendor Development Program](#) is the core of a multi-dimensional approach to assisting minority-, women- and local-owned (MWL) businesses by expanding their existing portfolio of business and contracts with large clients. The program runs for nine months and matches participating firms with experienced business coaches who assist the firms in identifying key areas of growth in their business
- Columbia University and other local volunteers serve a [pre-Thanksgiving feast](#) to senior citizens from five different senior centers in the Manhattanville area. Volunteers from Columbia, the West Harlem Development Corp, NYPD's 26th Precinct, Turner Construction, and Riverside Church participate in this annual event.
- Facilities and Operations' Construction Business Initiatives team identified and coordinated delivery to organizations in need of [new printers](#), which included a school, recovery center, men's shelter, community centers, and senior centers. Each of the 40 printers came with a complimentary three-year service plan.
- [A pre-apprenticeship program](#) exclusively for minorities, women and Upper Manhattan residents opens doors through training and a direct feed to apply for union apprenticeship opportunities in New York City's construction industry. The new program in West Harlem is one of many that Pathways to Apprenticeship (P2A) operates across the city to help people from low-income communities gain access to union construction apprenticeships. New York City Small Business Services (SBS) provides financial support, with the West Harlem Development Corporation (WHDC) providing additional funding as well as training space at its West Harlem Skills Training Center. Columbia University provides interview space and outreach support, as well as hosting the graduation ceremonies.
- Information sessions are offered to Minority-, Women- and locally-owned companies to make them aware of upcoming Columbia University projects and how they can participate.

- Construction Business Initiatives and Hot Bread Kitchen helped organize the placement of Fauzia’s food cart, a local Harlem vendor, at the Manhattanville construction site on Broadway between 131st and 132nd Streets to support the construction workers, local residents and Columbia employees in that area. Hot Bread Kitchen which supports dozens of local Harlem food businesses through their commercial kitchen incubator program.

REAL ESTATE

- Columbia University owns and manages retail space across the Morningside and Manhattanville campuses, and the University’s long-standing approach to its retail tenants favors local businesses that bring a variety of amenities and experiences that serve both the University community and the surrounding neighborhood.
- Columbia University [waived rent to local small businesses](#) in its retail portfolio to ease the hardships to these businesses and their employees due to the circumstances surrounding COVID-19, providing economic relief to qualifying small businesses within Columbia’s portfolio of retail space in Morningside Heights, West Harlem, Manhattanville, and Washington Heights.
- A group of NYC small businesses banded together to create the [Uptown Artisanal Pop-Up market](#), which Columbia provided space for rent free.
- Columbia University Facilities and Operations helped support the initial formation of the [Harlem Rock Club](#), a [free rock climbing program for Upper Manhattan youth](#), held at the Steep Rock Bouldering facility in the Jerome L. Greene Science Center. The program is guided by an evidence-based youth development curricula to positively impact participants’ academic and social-emotional learning.

More information can be found here:

- [Columbia Neighbors](#)

General Studies

- Students in our Program for Academic Leadership and Service (PALS) scholarship program have hosted an annual conference in partnership with Global Kids, Inc (participant schools: <https://globalkids.org/our-programs/#school-programs>) that was focused on education and college readiness. Students from local and NYC based schools were invited to campus for a daylong conference and schools from Harlem and Washington Heights have participated in the past.
- The PALS Scholars regularly work with both Double Discovery and Community Impact as part of their volunteer hours. GS students volunteer as tutors/reading buddies in local schools in Harlem and Washington Heights as part of their service work.
- The Columbia Food Pantry, created and run by GS students, has made over 5,000 disbursements to 1,500 people, primarily local residents, since its inception in 2016.
- GS Admissions has participated in local events hosted in Morningside Park and other locations in the local community to talk about college admissions working with

Columbia government relations and the West Harlem Development Corporation in the past as part of community organized events.

- Fourteen GS student veterans worked throughout the spring semester in the Ryan Larking Field Hospital, a field hospital for patients with mild COVID-19 symptoms at Columbia's Baker Athletics Complex at 218th Street in northern Manhattan adjacent to the NewYork-Presbyterian Allen Hospital.
- Development is currently underway for a new Scholars Program that will seek to recruit distinguished, dynamic leaders from underrepresented communities to complete their undergraduate studies at Columbia School of General Studies. Partnerships and collaborations will include internal academic departments and organizations from a range of professional, creative, public service, and intellectual fields.
- GS started discussions in the fall of 2019 to build a scholarship program for students who live in Northern Manhattan. This initiative is being broadened to be a NYC based program, with the goal to create partnerships with 2-year schools in the CUNY system, but the effort started with a series of meetings and conversations with the West Harlem Development Corporation. The program is in early development and is being designed to recruit and support students from the NYC community (including Harlem and Washington Heights) to the Columbia undergraduate program.

Government and Community Affairs

- [Manhattanville Community Benefit Agreement](#): The Office of Community Affairs is the University liaison to the community with regard to the Manhattanville CBA and administers several of the community programs from this agreement.
 - **In-kind space**: the CBA provides a fund (\$20 million) for in-kind space and services in collaboration with the West Harlem Development Corporation
 - **A'Leila Bundles Community Scholars Program**: this program provides assistance and access for community-based scholars to a suite of resources at Columbia University to assist with the completion of various community centered research projects
 - **Connecting Youth Initiative**: this project is a school-based outreach effort that provides assistance to 16-24 years old youth in Harlem, Washington Heights and the South Bronx who have yet to graduate from High School but are unemployed
 - **Workforce Development**: grants and other technical assistance are provided to local community-based organizations working with at-risk-youth
- **Columbia Community Services**: Provides local CBO's with grants and technical
- **The Food Relief Project** provides support to local food pantries and food relief centers in Harlem and Washington Heights
- **Criminal Justice Change**: GCA works with a variety of University and community partners on issues of justice in education and criminal justice change in order to help address the need for reentry and reintegration in upper Manhattan

- **Amend the 13th:** this is a policy project in collaboration with faculty at Columbia Law School and local organizations to develop a campaign to end neo-slavery in prisons in the United States

More information can be found here:

- [Office of Government and Community Affairs Programs and Initiatives](#)

Graduate School of Architecture, Planning and Preservation (GSAPP)

Community and Partnerships

- Continue partnerships with local external organizations that support Black and other professionals of color and dedicated to providing opportunities for under-represented students and professionals.
 - [New York Coalition of Black Architects/NOMA](#) in support of Project Pipeline initiative, which advocates for increased inclusiveness, diversity, fellowship, equity, and excellence in design and serves a diverse population of students who are underrepresented in the design field.
 - [Project Destined](#) an organization that provides training in financial literacy, entrepreneurship, and real estate to underserved youth. In Summer 2020 Ms.RED faculty/alumni served as student mentors.
 - The Environmental Justice Summer Leadership Institute, the Urban Design Program in partnership with Hester Street and WEACT, with 20 high school students from Washington Heights Expeditionary Learning School (WHEELS).
- [GSAPP Housing Lab](#) (established in 2019), a primarily student-led initiative, works with local organizations involved in research of affordable housing in Harlem and Queens. In July 2020, the Housing Lab hosted an Action Hour to discuss current projects and plans to more explicitly integrate an anti-racist agenda into its current engagements.
- Dedicated GSAPP Incubator Prizes to incentivize GSAPP alumni to critically engage and exchange with Black communities, scholars, and makers including in Harlem and the Spitzer School of Architecture at City College.
- The Historic Preservation program seeks National Register eligibility for building projects in the Harlem neighborhood with help of a GRA.
- Develop public programming that stimulates dialogue and engages participants from the surrounding communities.

Public Programming

- Public programming focused on race, racial equity, social justice, representation, and intersections with climate change.

- “Site and History: On the Question of Repair” focused on GSAPP’s relationship to the community of Harlem acknowledging Columbia University’s history in colonialism and anti-black racism (proposed for Sept 11, 2020)
- An event dedicated to the Memorial to Enslaved Laborers in Virginia, a collaboration with the Columbia School of the Arts and Department of African American and African Diaspora Studies along with the Harlem community and other academic partners.

Curricular Efforts

- Required design-based courses syllabi and assignments that 1) address local Harlem and Morningside Heights neighborhoods as sites of engagement, 2) seek to work in partnership with community partners, and 3) include topics of anti-blackness and racism in lectures.
- Research-based seminars focus on Harlem and Morningside Heights neighborhoods for research and analysis projects often working with local community partners.
- In A4003, students research and design affordable housing in different neighborhoods in New York City. Students focus on urban development in Harlem as a case-study working with HPD and Harlem/Morningside partners.
- In PLAN6368, students conduct specific research and analysis of urban development of a series of city blocks in West Harlem.
- In PLAN6212, students conduct critical research of affordable housing agreements including and West Harlem Community Benefits agreement between Columbia University and West Harlem Local Development Corporation.
- In A6824, students produce a series of documentary videos that critically examine the social urban experience in multiple neighborhoods through New York City including Harlem and Morningside Heights.
- In A6750, students examine how preservation can serve as a tool to promote social inclusion and belonging within the greater Columbia community. In 2017 and 2019 students produced a 250+ page report that examined the Harlem and Morningside Heights neighborhoods including research and proposals.
- In PLA6643, students engage with local stakeholders around one of three university-sponsored projects part of the “Community Outreach and Engagement: A Harlem Practicum”.
- In A4402, students research several sites within Harlem affected by slum clearance acts and engaging local community partners that have worked there

- Every year, GSAS works with the [Double Discovery Center \(DDC\)](#) to advertise and identify doctoral students who may be interested in teaching in its academic year after-school and weekend enrichment program for 7th-12th students in Harlem and Washington Heights. This college-readiness program comprises coursework in humanities, social sciences, STEM, art, and wellness, as well as social activities and individual tutoring. The instructors are hired as teaching fellows (with a \$10,000 stipend), propose and develop their own courses based on their specific expertise, and receive pedagogical support. The program also includes college preparatory courses, for which they also hire graduate students as instructors.
- DDC staff also participate in our annual [OADI Pre-Orientation Mid-Day Soiree](#) for incoming students from underrepresented racial/ethnic groups and other marginalized backgrounds. We include them as a point of contact for students interested in engaging the Harlem community as our host and as partners, which we conceptualize as a key tenet of diversity, inclusion, and equity work at Columbia.
- Devon T. Wade Mentorship, Service, and Advocacy Award - While not a community-based program, the Devon T. Wade Award recognizes graduate students whose scholarship is intentionally directed at improving the circumstances of disaffected and marginalized communities, engaging their perspectives and contributions in that work. This award is presented annually during the GSAS Convocation Ceremony to a master's or doctoral student in any Arts and Sciences discipline who most exemplifies a commitment to community-building and mentoring as demonstrated by the late Dr. Devon T. Wade, who was awarded the PhD in Sociology in 2018. Recipients will receive a \$1,500 prize in recognition of their achievements.
- Every year, as part of our **Heritage Month Celebration** series, we offer free tickets to students to attend curated public events in Harlem and throughout the city (e.g., [Black Women: Trailblazing African American Performers & Images, 1920-2001, at the Film Forum](#) last February). The objective is to celebrate these heritage communities, raise awareness of pertinent issues and cultural practices, and inspire students to engage and participate in the cultural life of the city's diverse neighborhoods and communities. The GSAS Students of Color Alliance (SoCA) plans an annual community outreach project or event as part of its regular programming. Recent examples include co-sponsorship of Columbia's Bilingual Brain Fair and donations to NYC nonprofit The Gathering for Justice.
- Women in Science at Columbia (WISC) sponsors two annual outreach events: Girls' Science Day and Saturday Science Starters, or S3. Girls' Science Day is a hugely popular event in which over 150 middle school girls from all around New York City are invited to spend the day getting their hands dirty with science. Saturday Science Starters is an outreach program where graduate student volunteers perform fun and interesting experiments with middle school students to teach science.

International and Public Affairs (SIPA)

Curricular

- **Capstone Projects:**

- o Citizens Union- 2021 City and State Election and related issues; Faculty advisor- Judy Pincus
- o Harlem Children's Zone- Topic Pending; Faculty Advisor- Pending
- o NYC Mayor's Office of Civic Engagement- Participatory Budgeting Pilot Program for Youth Engagement in New York City; Faculty Advisor- Pending
- o New York Women's Foundation- Economic and Reproductive Justice Initiatives in the city and state; Faculty Advisor- Yvette Stacey Cumberbatch

Co-Curricular

- **SIPA Service Month**--About three years ago the SIPASA President and Dean of Students wished to provide a formal opportunity for SIPA students to engage in service opportunities and created "SIPA Service Month," which took place in March for two consecutive years. Seeples Groups and Student Organizations created their own service initiatives during the month of March, and this effort was facilitated each year by OSA and SIPASA. Most service projects focused on the Harlem and Morningside Heights communities.
- [CERV](#)--Last year, the CERV student organization was created (see below for a summary of their inaugural activities), and OSA will be shifting from the "Service Month" to partnering with and supporting CERV on various initiatives, including a partnership with the [FoodBank for NYC](#) across their Volunteer Income Tax Assistance (VITA) and Community Kitchen programs. Despite having to suspend both programs in March, CERV members volunteered in aggregate, 145 hours and returned \$161,000 in tax refunds to the local community this semester. SIPA CERV members served over 500 meals at the Harlem Food Bank as local restaurants were closing due to COVID-19.

Journalism

- [The Uptowner](#), an online news site, covering Harlem, Hamilton Heights, East Harlem, Washington Heights and Inwood. From stories on sports and politics to education and the arts, we provide a voice for upper Manhattan communities.
- [The Ira A. Lipman Center For Journalism and Civil and Human Rights](#). Providing leadership for the journalism community by informing and shaping the ways in which we understand race, diversity, civil and human rights.
- [#CJSInclusion](#). Postings of work related to Diversity, Equity and Inclusion. This hashtag also to brand announcements of subject-area events so that they can be easily found.

Law

Law Clinics, Externships, and Practicums

- **Community Advocacy Lab:** General work of the clinic built around racial justice issues. Recent projects included working with community organizations and churches in Harlem to support reform of driver's license suspension laws. Upcoming projects will focus on addressing housing conditions and advocating for reform for Harlem public housing residents,

- **Entrepreneurship and Community Development Clinic:** Assists businesses and start-ups in Harlem and surrounding communities, including providing advice on legal and business matters and representing business owners in various transactions and legal proceedings.
- **Immigrants' Rights Clinic:** Represents asylum seekers who reside in Harlem, including cases referred by African Services Committee, a non-profit legal organization serving immigrants based in Harlem. Clinic is also in the early stages of forming a partnership with African Communities Together, another Harlem-based organization that could provide case referrals.
- **Lawyering in the Digital Age Clinic:** The clinic works in close partnership with the Legal Aid Society's Civil Practice, including the Harlem Neighborhood Office, to prevent evictions. Efforts include policy advocacy, developing a searchable database of Housing Court decisions, and client representation.
- Student **externship placements** at community-based organizations, including:
 - Bronx Defenders
 - The Center for Popular Democracy
 - NAACP Legal Defense and Educational Fund
 - Neighborhood Defender Services of Harlem
 - Sanctuary for Families

Pro Bono, Student Volunteer, and Co-Curricular Activities

- **Domestic Violence Project:** Helps clients in Family Court in Brooklyn, Queens, and the Bronx. Students educate clients on their rights and safety precautions, prepare orders of protection, and advocate during court appearances in front of a Family Court judge.
- **Goddard Riverside Law Project:** The Goddard Riverside Law Project provides free legal services and tenant-organizing support to low-income residents on the west side of Manhattan in order to preserve affordable housing and improve living conditions. The program initially focused on single-room occupancy (SRO) tenants, but has expanded to include tenants living in other types of housing. Students working with Goddard conduct legal research, and draft legal motions and memoranda. Students may assist with client intake or appear in court. Students may also work with tenant organizations in advocating for the legal rights of groups of tenants.
- **Harlem Tutorial Project:** Provides mentorship and academic support to local elementary school students. This is a joint project with Columbia Business School.
- **High School Law Institute:** A student-run organization that serves talented and motivated high school students and offers free, yearlong academic programming in Constitutional and Criminal Law, as well as mock trials and moot courts.
- **LatinoJustice PRLDEF:** Students assist with drafting memos and legal research related to impact group litigation, advocacy, and legal education to defend the civil and constitutional rights of Latinos.
- **Legal Clinic for the Homeless:** Students help staff a legal clinic at a local homeless shelter. Working with attorneys from the City Bar Justice Center, students are assigned a client and advocate for the resolution of various legal issues. Students commonly work on issues related to public assistance, immigration, employment, and family law.

- **Mentoring Youth through Legal Education:** A debate coaching program that prepares youth from underserved communities in New York City to compete at high academic levels by using intensive legal and educational programs as tools for fostering vision, developing skills, enhancing confidence, and facilitating the pursuit of higher education.
- **Northern Manhattan Improvement Corporation:** Students assist attorneys at local community organizations in all aspects of low-income tenant representation. Types of work include legal research, motion and memorandum drafting, client intake, and court appearances. Cases range from eviction defense to living condition complaints.
- **Paralegal Pathways Initiative:** Seeks to amplify the talents and perspectives of individuals in Harlem to leverage the talents of jailhouse lawyers—individuals who have gained legal skills while incarcerated—by connecting them with fulfilling, sustainable professional opportunities in the legal field. The Initiative also enables law students to challenge their assumptions and engage with directly impacted individuals. The Initiative has been undertaken through the Center for Institutional and Social Change in collaboration with law faculty and students.
- **Suspension Representation Project:** Student advocates represent suspended NYC Public School students at administrative hearings in all five boroughs.
- **Tenants' Rights Project:** This is a student-run organization committed to helping low-income tenants in NYC fight abusive and delinquent landlords. They connect students to pro bono opportunities with housing attorneys. Specifically, students have worked with the Lenox Hill Neighborhood House, Manhattan Legal Services Housing Intake Clinic, and SRO Law Project.
- **Volunteer Income Tax Association (VITA):** CLS students assist low-income individuals prepare tax returns and offer tax resolution advice in partnership with The Legal Aid Society's Low-Income Tax Clinic. Columbia VITA Program is one of the only organizations serving individuals in northern Manhattan. Students will be trained in tax preparation and participate in weekly prep sessions, and have the opportunity to work with attorneys on tax dispute resolution.
- Student **volunteer opportunities** at more than 20 schools and community organizations, including:
 - NY Cares
 - City Parks Foundation - Morningside Park
 - Riverside Park Conservancy
 - City Parks Foundation - St. Nicholas Park
 - PS/IS 180
 - Boys and Girls Club of Harlem
 - Jenny's Garden
 - Sakura Park / International House
 - Broadway Community
 - Purple Day Circle
 - PS 163
 - St John The Divine
 - West 113th Street Play Garden
 - Columbia Secondary School Garden

- LSA Family Health Services
- Wheeling Forward
- Meals on Wheels
- NY Harlem Reduction Educators

Other

- Regular and proactive patronage of Black and minority-owned businesses by Law School offices, centers, programs, and student organizations. (Extensive list available upon request)

Lamont-Doherty Earth Observatory

Summary: Lamont-Doherty Earth Observatory (LDEO) has a significant number of programs and activities that involve working with the community in Harlem/Morningside. These programs include: our Secondary School Field Research Program (SSFRP); Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES); A Day in the Life of the Hudson; Next Generation of Hudson River Educators; Columbia Secondary School for Math, Science, and Engineering; NYC Great Fish Count; and K-12 Teacher Training. In addition to these formal programs, Lamont scientists also conduct projects involving the Harlem/Morningside area, for instance ongoing air pollution monitoring. A key feature of most of these programs is that they involve working with underrepresented minority students (predominantly Black and Hispanic/Latinx) and contribute towards strengthening and diversifying the STEM pipeline. Descriptions of these programs follow:

[Secondary School Field Research Program \(SSFRP\)](#): This program has been run by Lamont-Doherty Earth Observatory (LDEO) since 2006 and brings high school students, science teachers, and undergraduates to Lamont every summer to do field and laboratory research in wetlands ecology. The goal is to provide students with an immersive experience in the geosciences, in order to promote student interest in STEM fields. The program has grown significantly, now engaging approximately 70 students (high school and college, including college students who are graduates of this program), and 10 high school science teachers. The students are from underrepresented minorities (predominantly Black and Hispanic/Latinx), and a number of them are from Harlem. Currently, partnering schools are The Young Women's Leadership School of East Harlem, The Young Women's Leadership School of Queens, and The Urban Assembly New York Harbor School. Past partners have included Frederick Douglass High School I, Curtis High School, and the Manhattan Hunter Science High School. The program has a 100% college entrance rate for participating students. About half of the graduates major in STEM, and the program has become a pathway to careers in science for underrepresented populations across New York City.

EER INCLUDES: This is a partnership program on Early Engagement and Research (EER) as part of the Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES) program, focused on building STEM through field-based research. Organized through Lamont-Doherty Earth Observatory and the Earth Institute, this program is based on the SSFRP program and set up with satellite sites operating in several locations throughout the Hudson Valley. The Manhattan location supports students from Harlem (specifically The Young Women's Leadership School of East Harlem) as well as students from around NYC who have been part of the *Intrepid's* GOALS high school program. The EER program's mission is to engage underrepresented minority female students (predominantly Hispanic/Latinx and Black) in authentic locally-focused science research opportunities building a network of STEM opportunities and colleagues to support these students as they move through high school and into college.

A Day in the Life of the Hudson & Harbor: This is a joint program of the New York State Department of Environmental Conservation (NYSDEC) and Lamont-Doherty Earth Observatory that is run for schools and focused on an annual field-sampling event on the Hudson River. In this event, data is collected by students and shared across the Hudson Valley region for the students to use in classroom studies, research, and competitions like the annual Data Jam. Along with the field event the program includes teacher workshops, and pre- and post-visits from the Lamont science team. Annually, Harlem schools participate in the program as well as the pre- and post-events. Additionally, we host their teachers in the workshops we have run both in NYC at Pier 84 as well as up at Norrie Point. Our Harlem Schools include the Columbia Secondary School, The School at Columbia University and KIPP Infinity.

Next Generation of Hudson River Educators: This new Lamont-Doherty Earth Observatory program focuses on working with underrepresented minority students (predominantly Black and Hispanic/Latinx females) in STEM fields to develop education materials that are culturally relevant and engage their community members in understanding more fully the Hudson River and its watershed. The students have focused on various areas such as: Hudson River Ecology and Transitional Ecology, Science Communication, Environmental Justice, How to Make Scientific Data Accessible, Interviewing and Learning from the Community, Bridge Communities to the Hudson through Engaging and Relevant Education. Half the students are from The Young Women's Leadership School of East Harlem, the other half are from Rockland County.

Columbia Secondary School for Math, Science, and Engineering (CSS-MSE): The goal of this program is to encourage student interest in STEM fields, and the school is located in Harlem/Morningside. Underrepresented minority students (predominantly Black and Hispanic/Latinx) are presented with opportunities to engage with open-source data to solve real-life challenges within their community. Students identify an issue that resonates with them within their community, and then collaborate with a team of educators, data experts, industry professionals, and community groups to develop solutions to this issue through the use of STEM practices. In this year of the project, students build solutions to local community challenges. A network of STEM partners supports the student work through addressing a

community challenge, working through the scientific method in an attempt to come up with solutions to address the identified challenge, using open-source data that is available to tailor potential solutions, and sharing their results with relevant community groups and industry partners.

NYC Great Fish Count: The annual Great Fish Count co-hosted by Lamont-Doherty Earth Observatory and the NYSDEC is a community fishing and education event hosted in multiple locations along the Hudson River in New York City. The Fort Washington Park location annually attracts 50-100 community members from the Harlem community to join our scientists in data collection, putting on waders, collecting identifying and tallying fish diversity and abundance.

K-12 Teacher Training: The Earth Institute, with participation by LDEO, recently implemented a formal K-12 teacher training program, which engaged educators from across the U.S., including local participants from the Columbia Secondary School (located in Harlem/Morningside) and Project Rousseau, a nonprofit with work in Harlem whose mission is to empower youth in communities with the greatest need to reach their full potential and pursue higher education.

Broader Research: Research has also been conducted by individual Lamont PIs in Harlem and the surrounding communities, but not in a centralized manner. Research topics include science education, air pollution monitoring, climate change adaptation, etc.

Nursing

- [The Precision in Symptom Self-Management \(PriSSM\) Center](#)

The PriSSM Center is an interdisciplinary collaboration at Columbia University School of Nursing that is supported by a five-year National Institute of Nursing Research grant. Research at the PriSSM Center advances the science of symptom self-management for Latinos through a social ecological lens that takes into account variability in individual, interpersonal, organizational, and environmental factors across the life course. PriSSM studies are designed with help from people in the population being studied, and the results are shared with the study participants as well as with professionals. **Pilot studies are as follows:**

- Adapting a Fatigue Self-Management Intervention for Latinos Living with HIV/AIDS (2016-19)
- Fatigue in Elderly Latino Home Health Care Patients with Chronic Disease (2016-18)
- Sleep and Fatigue among Latino Transgender People (2018-20)
- Sociocultural influences on the association of PTSD and CVD risk in Latinas (2018-20) – focuses on middle-aged Latinas in Washington Heights.

Other Research

- "Validity of Functional Assessment Staging by Caregivers" (grant from Alzheimer's Association). Development of a mobile app to help caregivers understand stages and substages of dementia as defined by a functional assessment staging tool and link the caregiver to resources. The main participant population is Hispanic family caregivers of

persons with dementia. Although caregivers from throughout the area are eligible, one of our primary recruitment venues will be Riverstone Memory Center in Washington Heights.

- “Personalized Infographics to Control Teen Asthma. Develop intervention and pilot study in preparation for RCT. We will be recruiting from the pediatric pulmonology practice at NewYork-Presbyterian Morgan Stanley Children’s Hospital.

ColumbiaDoctors *Primary Care* Nurse Practitioner Group, located in Washington Heights

- Provide care primary care and mental health care to the people in these communities, including telehealth access
- Provide care of LGBTQ individuals
- Provide care in patient homes with our House Calls program
- COVID Swabbing at our Fever and Cough Clinic during pandemic
- COVID Swabbing in the patient homes for oncology patients

The Diversity & Cultural Affairs Office and faculty have worked with the following organizations, which serve the Harlem, Morningside Heights, and Washington Heights communities:

- **The Geriatric Career Development Program at the New Jewish Home.** This is an after-school program for at-risk high school students in Manhattan and the Bronx that provides career counseling, college and financial aid counseling, mentoring, and training to become Certified Nurses Aids, EKG Technicians, Phlebotomists, and Nursing Assistants. Vivian Taylor serves on the Advisory Board. Columbia Nursing provides nursing education career panels, admissions workshops, and simulation experiences for student participants.
- **College and Community Fellowship Organization.** This program provides educational and career opportunities for formerly incarcerated women. Columbia Nursing participates in supporting their graduation ceremony and scholarships for their student participants.
- **New Leadership for Urban Solutions Organization.** This organization provides training and advocacy groups that employ a human justice framework to achieve community-based solutions that address gang violence and criminal reform. Columbia Nursing provides support for this organization by hosting their lecture and workshop sessions for Columbia Nursing students.
- **Project Renewal Men’s Shelter in Washington Heights.** This organization provides career training, healthcare, counseling services, and secures housing placements for men who are homeless. Columbia Nursing contributed their “Dress for Success” program by donating clothes for job interviews and participation in an annual holiday gift drive for the men.
- **Multicultural Festivals in Harlem.** Participates in two annual street fairs in Harlem (St. Nicholas Ave between 141st & 145th Streets and Jackie Robinson Park on Bradhurst Ave.). Columbia Nursing students and faculty provide health screenings and nutrition information sessions for community residents.

- **Washington Heights Community Health Fair.** Teddy Bear Emergency Room health education for parents and children
- **Harlem School District 5 Super Saturday STEM Expo.** Columbia Nursing faculty and students host a health information table and user-friendly activities that expose students to healthcare equipment and techniques like the stethoscope and teaching children and youth how to listen to each other's heartbeat. The expo attracts over 2000 students and families annually at the Harlem Armory.
- **Greater New York City Black Nurses Association.** Columbia Nursing collaborated on hosting tours of our nursing building and provides nursing information sessions for elementary students attending a low-resourced school.
- **New York Chapter of National Association of Hispanic Nurses.** Columbia Nursing collaborated on workforce diversity program activities for individuals under-represented in the nursing field.
- **Interdisciplinary Refugee Partnership in Health (IRPH).** Nurse Liaison for Pilot program where students from nursing, social work and medicine visit refugee families assisting them with housing, health care and other areas they are in need of assistance
- **St. Rose of Lima Elementary School.** Held health fair and simulation program for students to learn more about careers in Nursing and PT
- **People's Theatre Project.** In the process of building collaboration with this non-profit community-based organization that creates ensemble based theater with and for immigrant groups in Washington Heights. Project will be part of the annual Reimagine End of Life Festival New York – now postponed until 2021.
- In the process of building collaborations with the **Lenape Center**, a non-profit organization dedicated to increasing awareness of Lenape Tribe history and culture.
- Provide upon request from local schools and programs in Harlem, Washington Heights, and Morningside Heights health information seminars, simulation experiences, and tours of the Columbia Nursing School building (now when it is safe to do tours again).

Physicians & Surgeons

- [APOYO: An Adolescent Pregnancy Program in Washington Heights](#) - APOYO is a student-run service learning and mentoring program that works to provide resources for pregnant adolescents in the Washington Heights community. Through APOYO, medical students provide adolescents with another form of support and education that they might not receive in their clinics.
- [Columbia Harlem Homeless Medical Partnership \(CHHMP\)](#) - The Columbia-Harlem Homeless Medical Partnership (CHHMP) is a student-run clinic providing free and quality health services to the homeless, the uninsured, and the local community. The clinic operates from the basement of St. Mary's Episcopal Church at 126th Street and Old Broadway. All patients are seen regardless of citizenship/residency, medical insurance, or housing status. No ID, appointment, or insurance is needed. Please see CHHMP's website for hours of operation.
- [Columbia Student Medical Outreach Program \(CoSMO\)](#) - CoSMO Provides free, high-quality healthcare to the uninsured and medically underserved population in

Washington Heights and Northern Harlem. The clinic offers primary care, behavioral health, and physical therapy services free of cost, as well as any needed medications or referrals. No insurance or payment is required to receive care.

- [Columbia University Care Access Project \(CCAP\)](#) - Columbia University Care Access Project (CCAP) is a student-run clinic that strives to increase access to care for all people through providing free medical services, prescriptions, and infection screening. The clinic welcomes uninsured, insured, low income, and undocumented residents of Washington Heights and Upper Manhattan. CCAP is committed to the harm reduction philosophy which emphasizes reducing the negative consequences of high-risk behaviors without judgment.

More information can be found here:

- [Vagelos College of Physicians & Surgeons Community Programs](#)
- [CUIMC Community Programs & Initiatives](#)
- [Neighborhood Fund](#)
- [Volunteer Opportunities](#)

Professional Studies

- **Annual Sponsorship and Volunteer support at Morningside Area Alliance Sakura Festival**
- **Allotment of Pre-College Program scholarships** - Full scholarships are distributed through community organizations such as Street Squash Harlem, Double Discovery Center, Heyman Center. Partial scholarships are disbursed directly through the School of Professional Studies.
- **A’Lelia Bundles Community Scholars Program (AUCSP)** -
 - SPS works with the Government and Community Affairs Office to allow Community Scholars to audit CU courses at no charge.
 - SPS created and regularly presents Community Scholars Lectures.
- **Atlantic Fellows** - Provost Office Initiative. Atlantic Fellows are registered in SIS through the School of Professional Studies under a special category (AUAAF) which carries no tuition or fee charges (inclusive of facilities and health fees) nor any course-related fees. The courses shall NOT appear on a University Transcript. Atlantic Fellows do not have access to University libraries, facilities, or Dodge Fitness Center.
- **Central Harlem Senior Citizens Center** - 34 W 134th Street - Help serve lunch to senior citizens.
- **Columbia/Bronx High School Agreement (not official title)** - An agreement made in Spring 2001 between the Office of the Provost of Columbia University and the Bronx High School of Science and Stuyvesant High School allows students from these schools to register for Electrical Engineering E1201. The agreement stipulates that these students shall not be charged tuition or any fees. The students shall be registered in SIS through the School of Professional Studies and the course shall appear on a University transcript.
- **Columbia Secondary School** - CSS students take CU courses for credit at no charge.

- **Columbia/Juilliard Agreement (Not official title)** - A long-standing agreement between The Juilliard School and Columbia College, Barnard College, and the School of General Studies (The Columbia side of this Juilliard *exchange* is administered through the School of Professional Studies because the Juilliard cross registrants are non-degree students at Columbia or Barnard.) The agreement provides for joint undergraduate programs such that students admitted by Juilliard and one of the Columbia undergraduate schools proceed simultaneously toward degrees from both institutions. A further dimension of this agreement allows qualified and approved undergraduates at Columbia and qualified and approved undergraduate and graduate students at Juilliard to cross-register into courses at the other institution without being charged by the receiving institution. Juilliard students registering at Columbia receive Columbia credit for their registrations. A joint Juilliard-Columbia committee monitors the exchange to assure that there is no substantial imbalance in the “exports” and “imports.” The Juilliard students are registered through SIS under special categories (SPLJ and PGRJ) which carry no tuition or fee charges except for any course-related fees.
- **Columbia University/NYU Language Agreement (not official title)** - An agreement made in 1998 between Arts and Sciences at Columbia and New York University (NYU) allows NYU students to register in certain first- and second-year language courses at Columbia, and Columbia students to register in certain first and second year language courses at NYU. The agreement stipulates that there shall be no exchange of fees between the two institutions. The NYU students shall be registered through SIS under a special category (SPNYUX) which carries no tuition or fee charges except for any course-related fees.
- **Columbia/CEU Agreement (not official title)** - An agreement made in Spring 2015 between the Office of the Provost of Columbia University and Fundacion Universitaria San Pablo – “CEU” allows students from CEU to register as a visiting student for Post Baccalaureate courses. The agreement stipulates that these students shall be charged tuition at 50% of the normal course fee and any fees. The students shall be registered in SIS through the School of Professional Studies and the course shall appear on a University transcript.
- **Columbia/Union Theological Seminary Agreement (not official title)** - As a result of an agreement between Union Theological Seminary (UTS) and the Office of the Provost at Columbia signed on September 17, 2002 and amended September 25, 2003, UTS students cross registering into Columbia courses offered on the Morningside Campus at the 3000 level or higher with the prefixes S, G, R, U and W shall be exempted from tuition but shall continue to pay any other fees for which Columbia students are liable. These students shall be registered in SIS through the School of Professional Studies under a special category (SPUTS) which carries no tuition charges and the courses shall appear on a University transcript.
- **Community Impact** - SPS students volunteer in the community through Columbia Community Impact
- **EPIC/SPS Talks** - Free public talks offered by Emeritus Professors in Columbia and current Columbia faculty at Morningside Gardens, a nearby NORC (Naturally Occurring Retirement Community)

- **General Auditors (AUAUD):** Open to adults under the age of 65 who have not recently attended high school and who are not currently enrolled in a college or university, but who would like to sit in a designated class as a silent observer (auditor). This program charges the "all other auditor" rate plus fees. Auditors have access to University libraries and facilities other than Dodge Fitness Center.
- **HBCU Fellowship:** Annual volunteerism at Harlem's Children's Zone and Harlem YMCA mentoring community youth on the college process
- **Justice in Education Initiative** - A collaboration between the Heyman Center for the Humanities, the Center for Justice at Columbia University and the School of Professional Studies to provide educational opportunities to incarcerated and formerly incarcerated persons and to integrate further the study of justice into the Columbia University curriculum. These students shall be registered in SIS through the School of Professional Studies under special categories (SPJIEF and SPJIEN) which carries no tuition charges or fees and the courses shall appear on a University transcript.
- **Lifelong Learners (auditors over the age of 65)-** enroll in the Auditing Program and select one or more courses from the University's offerings. Auditors shall be registered through SIS and audited courses shall appear on University transcripts.
- **Manhattanville Auditing** - An agreement made between the Office of the Provost of Columbia University and the residents of Manhattanville (Qualifying zip codes in Upper Manhattan 10025, 10026, 10027, 10029, 10030, 10031, 10032, 10033, 10034, 10035 (including Randall's Island), 10037, 10039, 10040 and qualifying zip codes in South Bronx 10451, 10454, 10455, 10474.) to register for courses in the Auditing Program. The agreement stipulates that these residents shall not be charged tuition or any fees (inclusive of facilities and health fees).
- **Met Council** - 120 Broadway, 7th Fl. - HSP students make care packages for victims of family violence and learn about issues specific to Jewish poverty. In another trip, students spruce up a garden at a senior residence while learning about elder poverty rates in NYC.
- **Morningside Public Library** - 2900 Broadway - When we hold Bookmark-Making activities to promote literacy among children, we donate the bookmarks to the local library
- **Obama Scholars** - CU and Obama Foundation collaboration, Obama Scholars are permitted to audit University courses throughout the academic year; they do not earn University credit and are not responsible for tuition or fees (inclusive of facilities and health fees). Obama Scholars have access to University libraries and facilities but do not have access to Dodge Fitness Center.
- **Passport to New York Auditing** - Agreement between University Provost Office and NY institutions (Museum of Modern Art, Metropolitan Museum of Art, 92nd Street YMHA, Museum of Television and Radio, Whitney Museum, etc.) allows employees of these institutions to register for courses in the Auditing Program. The agreement stipulates that these students shall not be charged tuition or any fees.
- **Pre-College Programs Community Service** - HSP provides community service opportunities for our residential and campus commuter student participants who typically volunteer with the following organizations (these are not formal partnerships):

- o Fresh Youth Initiatives, Citymeals-on-Wheels, Broadway Presbyterian Church Soup Kitchen, The Brotherhood/Sisterhood Sol, Cathedral Community Cares, Cyber Seniors, Harlem Grown, Hope and Heroes.
- **POTS Community Dining Room** - 2759 Webster Ave., Bronx - HSP students serve lunch at POTS soup kitchen community dining room! Plate food, serve plates & drinks to guests, clear dishes & wipe tables, wash dishes, & clean-up.
- **Retired Faculty and Officers Auditing**- University full-time retired faculty and officers of instruction and their spouses can register for courses in the Auditing Program. The courses will carry no tuition or fee charges except for any course-related fees and the courses shall NOT appear on a University Transcript.
- **SPS Alumni Scholars (AUSPS)** are SPS alumni who are permitted to audit University courses throughout the academic year. This program charges the "all other auditor" rate at a discount of 25% plus fees. Scholars have access to University libraries and facilities but do not have access to Dodge Fitness Center.
- **World Vision** - 310 Tiffany St Bronx - HSP students assemble aid packages for global distribution while learning about the difference between "toxic service" and "empowering service."
- **Xavier Mission** - 55 W 15th St, New York, NY 10011 - HSP students join a team of 100 volunteers and serve 1,600 guests of the largest Sunday soup kitchen in NYC! Note: Weekend trip

Public Health

- [Biostatistics Epidemiology Summer Training Diversity Program \(BEST\)](#): works to expand and diversify the behavioral and biomedical sciences' workforce by introducing undergraduates from underrepresented populations to biostatistics and cardiovascular and pulmonary disease research. Students representing racial and ethnic minority groups, disadvantaged backgrounds, and students with disabilities join the Department of Biostatistics at Columbia University's Mailman School of Public Health for eight weeks of research, training, academic and career planning, and social activities.
- [Program to Inspire Minority Undergraduates in Environmental Health Science Research \(PRIMER\)](#): a research program for full-time, undergraduate underrepresented minority and underserved students who are typically underrepresented in STEM fields. PRIMER is funded by the National Institute for Environmental Health Sciences and provides research trainees the opportunity to gain valuable research experience in environmental health sciences. Students from Colleges and Universities in the New York City area are eligible to participate.
- [School-Based Health Centers](#): The Department of Population and Family Health has played a pioneering and long-standing role in seven school-based health centers serving 23 public schools in Harlem, Washington Heights/Inwood, and the Bronx. The Department partners with New York-Presbyterian's Center for Community Health Education, which leads the clinics, to provide sexual and reproductive health care for these underserved adolescents.

- [Young Men’s Clinic](#): A nationally-recognized clinic that works to involve males in family planning, prevent sexually transmitted infections, and address the lack of health care access experienced by men between the ages of 14 and 35 who are primarily from Washington Heights and Inwood. A program of New York-Presbyterian’s Center for Community Health Education, it is led by Columbia Mailman School of Public Health.
- [Trauma-Free NYC](#): Founded in 2017, Trauma-Free NYC promotes the integration of evidence-based scientific advances regarding the causes and effects of trauma into the work of local government, as well as education, social services, health care, law enforcement, and faith-based communities. The group’s work harnesses expertise from throughout Columbia University and reaches organizations in our local community and throughout New York City.
- [The Columbia Center for Injury Science and Prevention](#): The Center works with community-based organizations to deliver injury prevention education to the community using the Injury Free Coalition for Kids model. The program provides injury prevention workshops for clients of El Nido, a faith-based program designed to support parents with children 0-3 years old in Washington Heights/Inwood. area of Manhattan. The Injury Prevention Workshops include education and hands-on learning activities. The program will soon expand to engage children 8-11 years old participating in the Young Adult Leadership Development program to educate them on injury prevention, such as responding to falls, bike and pedestrian safety, sports safety and training on stopping bleeding.
- [Hike the Heights](#): Columbia Mailman School of Public Health has long-standing involvement in the annual Hike the Heights event, a volunteer-planned and community-run event that links 2,000+ local residents with their beautiful parks in Northern Manhattan. The goal of the event is to raise awareness and pride about these community spaces in Northern Manhattan and encourage safe and active lifestyles.
- [Citizen’s Public Health Literacy \(CIPHER\)](#): Student-led organization dedicated to improving New York citizens’ public health literacy by increasing the accessibility and transparency of health information, including through the development of public health curriculum grounded in health equity and informed by community. The group is currently working to assess the local community’s experience and needs related to COVID-19 and develop reliable, highly accessible COVID-19 information for the general public in the local community.
- [Bloom Girls Mentoring](#): Student-led organization through which Columbia Mailman students provide mentorship to girls and young teens in Washington Heights through weekly visits with students at Community Health Academy of the Heights. The goal of the program is to increase awareness of health careers and increase health knowledge for participants through weekly group sessions, off-site visits, and guest speakers.
- [The NIEHS \(National Institute of Environmental Health Sciences\) Center for Environmental Health in Northern Manhattan](#) leads a broad array of community-based participatory research projects in partnership with our local communities. The Center partners with local organizations to better reach the local community, engage it in their research and effectively learn about their environmental concerns, as well as to disseminate the Center’s findings for community benefit and advocacy. Since 1996, the

Center has had a deep partnership with WE ACT for Environmental Justice, Inc. and has built newer community partnerships with South Bronx Unite and Little Sisters of the Assumption Family Health Services. Some examples of these partnerships include an assessment of the environmental and health impacts of locating a large warehouse in the South Bronx, community-based mapping of air pollution and noise related to traffic using low-cost noise monitors built and deployed by citizen scientists, and an evaluation of methods for preventing and controlling mold and excess moisture in the homes of children with asthma.

School of Engineering and Applied Science (SEAS)

- [Harlem Biospace](#): A life-science incubator for early-stage companies, founded in 2013 by a SEAS faculty member with support by the New York City Economic Development Corporation. The incubator has hosted over 70 startup companies since inception, including companies founded by investigators from Columbia University as well as all over New York City and the Tri-State area. Harlem Biospace also hosts the monthly Riverside Chat seminar series on biotechnology (originally hosted by Partnership Fund for New York City), now held on the Morningside campus of Columbia, open to researchers from all over the city as well as all citizens of the local community.
- **The [COSMOS](#) national wireless technology testbed in Harlem**: Funded by NSF in a multi-year project, the COSMOS testbed is aimed at design, development, and deployment of a city-scale advanced wireless testbed in order to support real-world experimentation on next-generation wireless technologies (5G and beyond) and applications. The project is led by a team including Rutgers, Columbia University, NYU, CCNY, and University of Arizona, in collaboration with NYC, Silicon Harlem, and industry partners. It has also included summer training programs for high school teachers to learn emerging technologies in wireless communication and develop new curriculum incorporating such innovations for high school students.
- [HKMaker Lab](#): HKMaker Lab is an NIH-funded outreach program led by Aaron Kyle, a SEAS BME faculty member, with support by a variety of SEAS faculty leaders that provides underserved highly-performing high-school students with mentorship, plus hands-on science and engineering educational and research experiences, preparing for college and beyond. In collaboration with the non-profit entity Hypothekids, this program, over the last 7 years, has placed 143 high-school students at Columbia and SEAS research labs as internships, with 10 students subsequently matriculating at Columbia SEAS. In addition, the program has helped to create the engineering design program at Columbia Secondary School in Harlem, which has impacted hundreds of high school students. The program has also assisted in the formation of a new project-based middle school in Harlem, MS371 - School for Earth, Exploration and Discovery, which goes online this year.
- [AI4All](#): A summer program serving as a pipeline for high school students from marginalized communities in New York City and underrepresented in STEM to enter the field of technology. It's co-led by faculty members from School of Social Work and SEAS Computer Science. We aim to encourage intellectual independence, creativity, and

innovation through an emerging technological framework which stimulates interest in the intersections of technology, social science, and social justice as a career field. Students will receive research and academic mentorship from a collection of social work, computer science, and data science students, faculty members at Columbia University, and technology practitioners in the greater NYC area. Students will not only gain exposure to cutting edge technologies and organizations, but also learn how to engage responsibly with technology, social science and computer science research and their application to social justice initiatives.

- [Thompson-Munoz Scholars](#): Columbia College and Columbia Engineering undergraduate scholarships. The Scholars receive need-based scholarships, as well as access to special events and opportunities to meet local leaders and accomplished Columbia alumni. Up to 40 students from West Harlem, Washington Heights and the South Bronx will receive this honor each year.
- [CS@CU MS Bridge Program in Computer Science](#): offers prospective applicants underrepresented groups and from non-computer science undergraduate backgrounds, and those without programming experience, the opportunity to acquire the knowledge and skills necessary to transition to computer science and enter into the MS program. (Scholarship support provided from Facebook and through the Lustgarten-Whitney Fellowship Fund.

- **Mechanical Engineering:**
 - [Columbia Space Initiative](#): outreach activities to introduce students to STEM and aerospace engineering, including efforts with Sophie Gerson Healthy Youth program; Intrepid Sea, Air & Space Museum's Kids Week;
 - Girl Scouts' curriculum for Space Sciences Badge; and FIRST Lego League Robotics teams.
 - First Robotics competition, students from both Morris High School in the Bronx and Columbia Secondary School in Harlem participated in a team mentored by Columbia Engineering to design robots and [join competitions in the regional level](#).
- [Outreach at Columbia Engineering](#): provides greater accessibility to opportunities in STEM disciplines, especially for traditionally underrepresented local stakeholders, reaching more than 10,000 students up to 2020 mostly at Title 1 K-12 schools in Harlem, Upper Manhattan, and the Bronx. Programs include FIRST Robotics, Girls Who Code, RoboGals, as well as research, tutoring, and academic competitions for local students, in addition to teacher training opportunities. The [SHAPE summer high school program](#) offers full scholarships to low income students in NYC from under-served backgrounds. The programs involve direct service and connect faculty and graduate and undergraduate students with local K-12 students both on campus, in schools, and remotely. Engineering Outreach is also a member of the Columbia University Collaborative on Youth and Family Programs that coordinates programming across the university to meet community needs.

- **Additional Outreach Programs**
 - [MRSEC Research Experience for Community College](#) (partnership w CUNY LaGuardia)
 - [MRSEC Research Experiences for Undergraduates \(REU\)](#) (partnership w CCNY)
 - [COSMOS-NewLAW Research Experience for Teachers \(RET\)](#), Summer Program for NYC STEM Teachers (w NYU)
 - [PhD for a Day](#): Participating middle school students visit the Columbia University campus and laboratories where they receive safety training, lab coats, goggles, and gloves to do hands-on experiments that teach concepts in energy, lab protocols, and collecting data.
 - [Engineering the Next Generation \(E.N.G.\)](#), Summer Research Experience for High School Students. Targeting highly motivated underrepresented high school students from select local partner schools, this selective program runs for six weeks over the summer and includes both lab work and supplemental programming to develop students' academic and professional skills.
 - [High School teacher training with NYU](#)
- **Student Programs**: Many student groups work with Columbia Engineering to connect volunteers with local K-12 schools. Our first-year Art of Engineering class also has a community service element option with students providing engineering projects in local elementary and middle schools.
 - [SciRISE - Scientific Research by International Students at ELLIS](#)
 - [Girls Who Code](#): After school clubs for girls to explore coding
 - [Sci-Inspire](#): Connecting Columbia Engineering volunteers with local K-12 schools
 - [RoboGals](#): Teaches design and programming for girls 9-16
 - [MMaths](#): On campus tournaments in upper-level mathematics for high schools students.
 - [SIAM Coding Bootcamp](#): Society for Industrial and Applied Mathematics
 - [National Society of Black Engineers](#): Pre-College Initiative
 - [Society of Women Engineers \(SWE\)](#): Engineering Exploration Experience
 - [SHPE: Society of Hispanic Pre-Professional Engineers](#)

More information can be found here:

- [SEAS Resources for Diversity, Equity, and Inclusion Web Site](#)
- [SEAS General Outreach](#)

Social Work

- The [CSSW Action Lab for Social Justice](#) is working to match Columbia community members with local agencies in NYC and beyond as [volunteers](#) to help cope with the challenges of COVID.
- The [Achievement Initiative](#) is working with 3 high-need [high schools](#) in Harlem
- [AI4ALL](#) provides local high school students from marginalized communities in New York City with interdisciplinary exposure to the field of Artificial Intelligence.

- [The Workplace Center](#) addresses the needs of young people in foster care, alumni of foster care, court-involved youth, and those with serious, persistent mental health conditions. Its partners include the NYC Administration for Children’s Services and the NY State Office of Family and Children’s Services, among many others. [Current and Recent Projects](#).
- The [SAFE Lab](#) engages our local communities in many ways. It includes [SIM|ED](#), a tech incubator that involves Black youth from Brownsville, Brooklyn, individuals who are formerly incarcerated, and professors and students in projects around social work and computer science.
- The [Center for Justice](#), an interdisciplinary partnership involving A&S and CSSW, offers the [Beyond the Bars Fellowship](#) to students and community members interested in gaining a deeper understanding of mass incarceration and social change.
- The [Social Intervention Group](#) works locally and globally to develop evidence-based solutions to emergency health and social issues. One of its projects, [PACT](#), is a randomized trial testing the implementation, effectiveness, and cost-effectiveness of a couples-based HIV and drug abuse prevention intervention with drug-involved men in the criminal justice system.
- The [Columbia Justice Lab](#) has used data from the NYC Department of Correction to [study racial inequities](#) in New York parole supervision.
- [CSSW alumni join the ranks of COVID-19 Contact Tracers in NYC](#) to help people grappling with COVID and the added burdens of institutional and structural racism and health inequities.

More information can be found here:

- [Social Work List of Internship Partners](#)