

Project Period	Award Amount	Title	Principal Investigator	Department	Funding Agency	Project Description
3/15/2019 - 2/29/2024	\$ 999,400.00	Hostos Engineering Academic Talent Scholarship (HEAT)	Rodriguez, Yoel	Natural Sciences	National Science Foundation	The National Science Foundation's Hostos Engineering Academic Talent Scholarship Program, also known as HEAT, will contribute to the national need for well-educated STEM professionals. The project will support the retention and graduation of high-achieving, low-income Hostos Community College (HCC) students with demonstrated financial need, and work in partnership with The City College of New York's Grove School of Engineering (CCNY's GSoE). Each scholarship will provide financial support for up to four years of study, including up to two years at HCC and up to two years at the CCNY's GSoE. In addition, the project will provide Scholars with faculty and peer mentoring experiences and an opportunity to take full advantage of available resources and professional development opportunities that are associated with student success
1/1/2022 - 12/31/2026	\$ 2,299,999.00	Hostos Oasis for Parent's Education: HOPE	Hoiland, Sarah	Behavioral Science	National Science Foundation	The HOPE Program is a Two-Generation (parent-child) experiential learning academic summer program. HOPE offers: <ul style="list-style-type: none"> •a full on-campus college experience for student parents and their children •3D Model Holistic Programming: academic, family, professional •healthy breakfast, lunch and snacks for all participants •tuition-gap assistance for summer courses (6-9 credits) •books, Metrocards •high quality summer programming in STEM
2/1/2021 - 1/31/2025	\$ 700,007.00	HCC: Strengthening Community College Training	Fernandez - Ketcham, Evelyn	Continuing Education	U.S. Department of Labor	Led by Queensborough Community College, the grant enables CUNY, the Borough of Manhattan Community College, Bronx Community College, Hostos Community College, LaGuardia Community College and Kingsborough Community College, to refine and enhance local workforce development programs.
7/1/2022 - 6/30/2026	\$ 300,190.00	Work Incentive Planning and Assistance (WIPA)	Mertens, Peter	Continuing Education	Social Security Administration	The Hostos CUNY Work Incentives Planning and Assistance Program (WIPA) is a Social Security Administration (SSA) funded program designed to provide accurate information and guidance to SSA beneficiaries with a disability, who want to work and need to know how employment will affect their Social Security and health benefits.
10/1/2022 - 9/30/2028	\$ 1,500,000.00	Increasing the Access and Success of Scholars in Mathematics and Computer Science at a Hispanic Serving Institution	Koffi, Moise & Jugmohan Diandra	Academic Affairs	National Science Foundation	The grant will support a program intended to increase retention and graduation of high-achieving, low-income students with demonstrated financial need at Hostos. Over the duration of the six-year funding cycle, the project will provide scholarships to 35 undergraduate students pursuing an associate degree in Mathematics or Computer Science. First-year students will receive up to three years of scholarship support and transfer students will receive up to two-year scholarships. The program specifically aims to increase the access and success of students by providing financial assistance; engaging participants in online resources to improve students' learning and academic performance; and offering professional certifications for scholars' career readiness. The proposed supporting activities include mentoring, tutorial support in mathematics and computer science, service learning through co-curricular activities leading to certification in S-STEM fields, career readiness, internship and networking opportunities with STEM professionals, and participation in discipline-specific conferences.
10/1/2022 - 9/30/2025	\$ 225,000.00	Strengthening Physics Achievements via Research and Collaboration (SPARC)	Rodriguez, Yoel	Natural Sciences	National Science Foundation	This project aims to serve the national interest by improving college students' success in introductory physics. General Physics I (PHY 210), a calculus-based introductory physics course, is a "gateway" course for all STEM majors at Hostos Community College. The course serves a diverse population of students, many of whom are first-generation college students and are from groups historically underrepresented in STEM. In this project, the investigators will redesign this course by implementing a strategy called "Doing Physics" (DP), which emphasizes problem-solving, scientific reasoning, and collaboration. The new approach to the course will integrate inquiry-based science, collaborative and game-based learning, course-based undergraduate research experiences (CUREs), and mentoring students to pursue independent research opportunities. The aim is to increase the retention rate and pass rate in the course, and thereby to increase the number and diversity of students who pursue, persist in, and complete degrees in STEM. At many colleges and universities, an introductory physics course is required for, and sometimes poses a barrier for, students pursuing STEM majors. Therefore, the new curriculum that will be pilot-tested in this project has the potential to become a model for improving introductory physics nationwide.
8/1/2023- 7/31/2026	\$ 50,000.00	HIS Implementation and Evaluation Project Using Peer-Enhanced Blockchain-Based Learning Environments: Dropping PEBBLEs into the Sea of Introductory STEM Students	Varelas, Antonios	Social Science	National Science Foundation	The goals of the HIS program are to enhance the quality of undergraduate science, technology, engineering, and mathematics (STEM) education and to increase the recruitment, retention, and graduation rates of students pursuing associates or baccalaureate degrees in STEM.
8/1/2023 - 7/31/2028	\$ 72,000.00	Collaborative Research HIS STEM-HUBS: Intersectionality as Inquiry and Praxis: Race, Class, Gender and Ethnicity for Students Success in STEM	Rodriguez, Yoel, Varelas, Antonios	Natural Sciences	National Science Foundation	Student Support Resources include modern facilities, with large areas for one-on-one and group tutoring, individual and group study, workshops, conferences/meetings, and community events. HCC has first-rate teaching laboratory facilities that foster student learning.

10/1/2023 - 9/30/2026	\$ 650,000.00	The Hostos Technical Education in Cybersecurity (H-TEC)	Nives, Angulo, Koffi, Moise, Ramson Amy	Mathematics	National Science Foundation	The program's goals are to create a dynamic online cybersecurity program which will provide a new and untapped demographic of employment-ready students from minority communities from whom cybersecurity organizations can recruit. The project will also address the underrepresentation of people from minority communities in the cybersecurity profession which will diversify the field.
9/15/2022- 9/14/2025	\$ 3,000,000.00	Community Health Worker Training Program	Fernandez - Ketcham, Evelyn	Continuing Education	U.S. Department of Health and Human Services	The main goal of our sustainability plan is to continue to develop a low-cost, highly effective CHW program that will enable trainees from the surrounding community to take the first steps in achieving a health education career. We will draw on our experience maintaining other healthcare training programs, where, over time, we have been able to steadily reduce per participant cost and to increase the percentages of participants who complete the training course and obtain employment.
10/1/22 - 9/30/2026	\$ 1,068,244.00	Parents and Children Together at Hostos (PACT at Hostos)	Garcia-Bou, Catherine	SDEM	U.S. Department of Education	Parents and Children Together at Hostos (PACT at Hostos) will provide new campus-based care for infants and toddlers, ages zero to two. Early care and education settings are essential to connect young children to mental and developmental supports, including but not limited to infant and early childhood mental health consultations and enhanced training on children's developmental needs. The Children's Center seeks to also establish a community of mental-health care for student-parents who are at risk of withdrawing from college, specifically due to the demands of being student-parents, single-parents, and navigating campus contexts.
10/1/23 -9/30/2028	\$ 2,866,250.00	Comunidad y Igualdad: An Intergrated First Year Experience and Beyond (Tilte V)	Wang, Shiang-Kwei	Academic Affairs	U.S. Department of Education	This project will provide an integrated and inclusive first-year experience for all Hostos students with activities that include:1) more professional development opportunities for faculty and staff to improve program quality and student success and 2)expand the supplemental instruction offerings
6/1/2023 -5/31/2026	\$ 1,000,000.00	Building Transfer Pathways and Pipeline: A Partnership between Hostos CC, Columbia University, City College and Queens College	Wang, Shiang-Kwei & Fabrizio, Andrea	Academic Affairs	U.S. Department of Education	Building Transfer Pathways and Pipelines: A Partnership between Hostos Community College and Columbia University, City College and Queens College, "aims to establish and advance transfer pathways between Hostos Community College and four-year colleges, aligning them to increase transfer and completion rates for underrepresented student populations by removing barriers such as finances, advising, institutional services, competing life and job obligations, and more. Hostos Community College will strengthen and expand our current dual/joint degree programs known as "articulation agreements" with four-year colleges and universities. This includes existing partnerships as well as new ones that will ensure our students receive high-quality opportunities to continue their education and pursue advanced degrees in high-demand fields.