

GATEWAY

INSTITUTE FOR PRE-COLLEGE EDUCATION



HISTORY

BIOLOGY

SCIENCE



MEDICINE

ENGLISH

MATH



Annual Report 2009 - 2010



Since its inception in 1986, the Gateway Institute for Pre-College Education has gained national recognition for its programs that prepare low-income and minority high school students for college and the pursuit of health and science-related careers.

The Gateway Institute for Pre-College Education is a partnership of the New York City Department of Education and the City College of the City University of New York.

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FROM THE DIRECTORS

"It is impossible to sum up a lifetime commitment to education that has given so much joy and hope. It has not always been easy, of course. But at the end of the day, I can look at our track record and know that we have made a difference, that change is possible, and that transforming adversity into opportunity creates a ripple effect that will resonate well beyond my own participation."



Elisabeth Iler, co-founder and former co-director of the Gateway Institute for Pre-College Education, retired in 2010.

"I have known Liz Iler for most of my professional life and have worked with her shoulder to shoulder pushing for resources and reform for educational equality. We have accomplished much, yet, there is much more to do. I will miss Liz and look forward to tales of new adventures and new battles as she moves forward. I know also that she will always be a part of Gateway and a sounding board for us as we continue to focus on educational excellence and access for disadvantaged students seeking professional careers in medicine and health care. It is a good fight that needs many allies. I look forward to working with old friends and new alike. Even as we bid Liz adieu, Gateway is finding, preparing, and delivering outstanding educational opportunities to students of exceptional aptitude. The programs and initiatives continue to expand and to garner recognition. The following annual report demonstrates Gateway's significant achievements in 2009 - 2010 and celebrates the voices of students, teachers, alumni—and all of those who make the Gateway community so strong."



Dr. Morton Slater is co-founder and director of the Gateway Institute for Pre-College Education.

"The success of Gateway is measured by the accomplishments of our students. Everything we do is aimed at giving them the best instruction, the finest opportunities, and the self-confidence to pursue academic excellence. "



Beatrix Hamburg, a nationally recognized child psychologist, is the chair of Gateway's Board of Directors. She is currently a Visting Scholar in the Department of Psychiatry of the Cornell University College of Medicine.

HIGHLIGHTS OF ACHIEVEMENT

Gateway students routinely stand out at their schools not only as valedictorians and salutatorians, but for the highly competitive scholarships, placements and internships they are awarded. This year is no exception. Gateway is proud to honor the dedication and drive of all of its students. The following is a snapshot of some of the highest honors earned by top performing students.

VALEDICTORIAN/SALUTATORIAN

- Danielle Rojas:** Valedictorian, A. Philip Randolph (Columbia University)
- Phuong Nguyen:** Salutatorian, A. Philip Randolph
- Julyssa Jones:** Valedictorian, Clara Barton (Barnard College)
- Loye Tucker:** Salutatorian, Clara Barton (College of Staten Island)
- Fidel Ojimba:** Valedictorian, GSERT (Wabash College)
- Missiel Munoz:** Salutatorian, GSERT
- Michael Negron:** Salutatorian, GSERT (Mercy College)
- Khalid Subhan:** Valedictorian, Jamaica (Polytechnic Institute of NYU)
- Sumaiya Tabassum:** Salutatorian, Jamaica (CUNY Queens College)
- Kinza Bukhari:** Salutatorian, Port Richmond (Brandeis University)
- Ashley Jabar:** Valedictorian, Queens Gateway, (Carnegie Mellon University)
- Malcolm Winkle:** Salutatorian, Queens Gateway, (Sophie Davis School of Biomedical Education)
- Chanel McDonald:** Valedictorian, Science Skills (New York City College of Technology)
- Chauncey Davis:** Salutatorian, Science Skills (CUNY Brooklyn College)
- Ackem Kipp:** Valedictorian, STAR (Syracuse University)
- Sashagale Weise:** Salutatorian, STAR (Syracuse University)

NATIONALLY COMPETITIVE SCHOLARSHIPS

The **QuestBridge National College Match** awards full four-year scholarships to its network of highly selective colleges and universities to low-income students. In 2010, 1,000 scholarships were awarded including three to Gateway students:

- Oyeleye Odewunmi** (Brooklyn Tech) will attend Brown University.
- Margaret Kwateng** (Brooklyn Tech) will attend Vassar College.
- Danielle Rojas** (A. Philip Randolph) will attend Columbia University.

The Gates Millennium Scholars Program, the largest minority scholarship program in the United States, awarded 1,000 good-through-graduation college scholarships. Four Gateway students were included in this select group.

Cory Chan (Brooklyn Tech) will attend Boston University.

Julyssa Jones (Clara Barton) will attend Barnard College.

Kwame Ocran (Brooklyn Tech) will attend the Macauley Honors College at Hunter College.

Malcolm Winkle (Queens Gateway) will attend the Sophie Davis School of Biomedical Education.

The Posse Foundation, which made headlines this year when President Obama donated part of his Noble Peace Prize award to the organization, awards four-year, full-tuition leadership scholarships to students who attend partner colleges and universities. This year, Posse New York awarded 123 scholarships, including four to the following Gateway students:

Oludare Bernard (STAR) will attend Trinity College.

Manuel Paredes (Science Skills) will attend Babson College.

Nicholas Perez (Francis Lewis) will attend Lawrence University.

Abenezzer Solomon (STAR) will attend Lafayette College.

The **Meyerhoff Scholars Program** at the University of Maryland awards full four-year scholarships to African-American male students who want to pursue a PhD in math, science, or engineering. Out of 54 scholarships for 2010, two were awarded to Gateway students:

Sasha Miller-Marshall (Brooklyn Tech)

Ashaki Nehisi (Brooklyn Tech)

FULL FOUR YEAR SCHOOL SCHOLARSHIPS

Congratulations also go to the following recipient of four-year scholarships:

Hassanain Abdul-Karim (Brooklyn Tech) Columbia University

Sunny Aidasani (Queens Gateway) Brandeis University

Christopher Castro (Queens Gateway) Fordham University

Natalie Ferreira (Francis Lewis) St. John's University

Ronique Forgie (Queens Gateway) University of Pennsylvania

Saudi Garcia (Francis Lewis) Brown University

Jermaine Heath (Brooklyn Tech) Harvard University

Ashley Jabar (Queens Gateway) Carnegie Mellon University

Usaamah Khan (Brooklyn Tech) Cornell University

Ackeem Kipp (STAR) Syracuse University

Badr Nagi (Lehman) Trinity College

Jose David Parra (Francis Lewis) Clarkson University

Kiranjit Singh (Jamaica) SUNY Stony Brook

Khalid Subhan (Jamaica) Polytech Institute of NYU

Arianne Watson (Jamaica) SUNY Albany

Sashagale Weise (STAR) Syracuse University

"Sophie Davis has been my dream school since the ninth grade and still is my dream school. Thank you Gateway for all of your help and for your guidance. This will be a rigorous trial to endure, but I know that I will have your support."



Malcolm Winkle (Queens Gateway, Class of 2010) is a Gates Millennium Scholar and Shippy Scholar and will be attending the Sophie Davis School of Biomedical Education in the Fall.

GATEWAY MEDICAL PIPELINE

In 2008, the New York Department of Health awarded Gateway a three-year grant to create a program that would address the underrepresentation of minority and low income students in medical school. Partnering with long-time allies at NYU Medical School and SUNY Downstate Medical Center, and with the new Hofstra/North Shore/LIJ School of Medicine, the Gateway Medical Pipeline is a five-year program that creates a bridge between high school and college. Students enter in the summer following their sophomore year in high school and attend summer programs through their junior year in college. In its first year, Gateway has accepted more than 60 students from our network of schools who will attend seminars on science and health-related topics, design research projects in teams, work with a medical mentor, and visit labs, clinics, and museums during the summer of 2010. Each student will receive a \$500 stipend as part of their summer Pipeline apprenticeship. The new program is only the latest in Gateway's long history of bridging the gap in medical and health-related education for disadvantaged students. Even prior to its own founding in 1986 founding directors Dr. Morton Slater and Elisabeth Iler teamed up with Dr. Alfred Gellhorn, who founded the Sophie Davis School of Biomedical Education at The City College of New York. The result was the creation of the first Bridge to Medicine program for high school seniors, which in turn, became the four year high school model developed by Gateway. The new Gateway Medical Pipeline is building on this tradition by recognizing that the critical need for support begins in high school and continues into college.

SHIPPY SCHOLARS

In June 2010, the second group of Shippy Scholars graduated and the results are impressive. Among the 57 graduating seniors, there are three Gates Millennium Scholars, three Posse Scholars, two Meyerhoff Scholars and three QuestBridge Scholars. More impressive is that the scholarship funding and grant totals from all schools for these top performers is approximately \$2.5 million and counting! In 2008, the Shippy Foundation awarded Gateway a grant to work with a select group of students who demonstrated exceptional academic achievements in order to increase the number of those students who attend highly selective schools. Beginning in their sophomore year, Shippy scholars participate in a range of activities including college visits, academic seminars, tutorials, and enrichment field trips. This year was no exception. Monthly meetings were supplemented with campus visits to over twenty colleges and universities including Amherst, Boston, Hamilton, and Williams Colleges, Boston, Bucknell and Cornell Universities, the University of Maryland, Massachusetts Institute of Technology, Rensselaer Polytechnic Institute, Rochester Institute of Technology, several SUNY schools and the Sophie Davis School of Biomedical Education. The students also made productive use of their summer, participating in internships at a wide variety of institutions including Bellevue and Mt. Sinai Hospitals, Cooper Union, Columbia and Carnegie Mellon Universities, the Ghetto Film School in New York and the MS Squared Program at Andover Academy. This year, the program also offered a three-day summer workshop focusing on college admissions applications as well as a financial aid workshop at Long Island University's Brooklyn campus.



The second graduating class of Shippy Scholars represents 57 students packed full of talent and promise.



Gateway alumni Dr. Robert Roswell, Dr. Darlene Gabeau-Lacet, and Edwing Medina at WNET celebration.

WNET.ORG CELEBRATES ACHIEVEMENT

Queen Latifah and Her Majesty Queen Noor were not the only stars featured at the first annual “New York Celebration of Teaching & Learning Week” held in March 2010. Sponsored by public television conglomerate WNET.org, the conference

included a panel on “The Gateway Model: Prescription for Curing Medical Education Disparities” featuring three distinguished Gateway alumni: Dr. Darlene Gabeau-Lacet (Jamaica HS Class of ‘90), assistant professor of radiation oncology at Einstein, Dr. Robert Roswell (Brooklyn Tech HS, Class of ‘94), associate director of Bellevue Hospital CCU faculty at NYU and Gateway’s own deputy director Edwing Medina (Jamaica HS, Class of ‘90), who worked in the music industry before returning to Gateway in 2001. The three discussed how the program worked to change their lives and careers and continues to help build the future medical pipeline. Dr. Gabeau-Lacet stressed how “the universally high expectations for all 4 years from the Gateway teacher team,” gave her confidence in herself and her ability to succeed. Concurring, Dr. Roswell noted that Gateway served as both the path and the light. “Gateway not only implanted an idea into my head, it taught me how to run with it. After all, if you don’t see the opportunity, you will never imagine it can be for you.”

NEW PARTNER, OLD FRIEND

In January, Gateway held a retreat to explore how the thousands of alumni can best help current Gateway students. The energy and desire was clearly evident and there were no shortage of ideas. The sticking point, however, was how to create a structured environment that made communication



easy and effective. A chance meeting at a conference a few weeks later provided the missing link. Erica Coleman-Hamilton, the chief program officer for iMentor, an organization that provides a platform for connecting mentors and high school students, understood exactly what Gateway was trying to do because she was a member of the first graduating Gateway class at John F. Kennedy HS in 1990. Prior to working in education, Erica worked in business development for Goldman Sachs and for Citi Group. She earned her BA from Harvard, a MPA from New York University, and an MBA from the Wharton School of the University of Pennsylvania. Erica gives Gateway coordinator Joan Firszenbaum credit for her academic success. “I was applying to schools and she put a Harvard application in front of me. I laughed at the very idea, but she persisted and I applied and the rest, as they say, is history.”

“I’ve been working with Gateway for more than 20 years, first as a principal, now as an advocate. I continue to be motivated by the commitment of the school staff and the pride of the student participants—many of whom keep in touch. It’s a tribute to the Gateway vision that so much is accomplished with collaboration and a few resources.”



Eileen Petruzillo, the first Gateway principal at Jamaica HS, currently working with Gateway as a consultant.

GATEWAY REUNITED

Keeping track of alumni and keeping them active in the Gateway mission has long been a goal of the organization. But this year, old ties made for surprising new connections. Gerald Martori, the principal of the now retired Gateway program at Stevenson HS, lobbied to bring Gateway into his new school at Cardozo HS. At Francis Lewis HS, whose program is in its second year, Anna Ingraham (Jamaica HS, Class of '02) is now a Gateway English teacher. A fellow Jamaica graduate, Svetlana Hamlet (Class of '98) is helping to shape the new Gateway program at Carver HS as its guidance counselor. But for full proof of lasting power of the Gateway effect, look no further than the 20th Reunion of the students and faculty from the Kennedy Institute for Science & Society (KISS) program at Kennedy HS. Representing more than 300 alumni and faculty who have joined Gateway's KISS Facebook, approximately 150 alumni and faculty met for an afternoon of food, dancing, and fond remembrances. As Edwing Medina, Gateway's deputy director and a Jamaica alumnus (Class of '90) remarked at the occasion, “the program at Kennedy has left a diaspora of academic success that lives on as testament to an experiment that succeeded beyond its most ambitious expectations.”



Generations of Kennedy alumni celebrate at the 20th Reunion of Gateway's KISS program.

"This time last year, I thought that getting into Brown was just a pipe dream. And now look at me. I am going to Brown and I can't wait!"



Saudi Garcia (Francis Lewis, Class of 2010) was accepted by eight schools offering a combined total of more than \$300,000 in grants and funding. She is attending Brown University on a full scholarship.



Queens Gateway seniors Ashley Jabar and Koryalys Edwards take home top honors together.

BRAIN BEE BUZZ

In February 2010, 41 students from 23 high schools in New York City took to the stage in a live regional competition, known as the Brain Bee, to showcase their knowledge of neuroscience. After exhausting every question the judges had, left on stage were winners Ashley Jabar and Koryalys Edwards—fellow classmates at Queens Gateway to Health Sciences Secondary School. Ashley, a senior, and Koryalys, a junior, advanced as co-contenders to the finals in Baltimore, MD. Both girls also competed in 2009 with Ashley placing second and Koryalys placing fourth. This year, the two, who are good friends, studied together. While neither took home the gold at the National Brian Bee in March, they were not sorry to lose to fellow New Yorker Yvette Leung, a senior at Jericho High School in Brookville, NY.

STAR PHILOSOPHY

STAR (Science, Technology, and Research) Academy has received—for the third year in a row—the highest quality review level granted by the Department of Education. This year STAR also entered into a partnership with NYU offering a year-long philosophy program for 10th grade students. Launched in Spring 2010, students cover topics in philosophy including ethics, meta-physics, and epistemology during the fall semester. They will then choose one of the disciplines and take a full six-week class in that area the following Spring. According to Jeff Sebo, an NYU instructor who teaches the course in ethics, the purpose of the classes are to train students to develop critical reasoning skills that can be applied to investigations of all sorts. "We are very excited to be working with high school students because they need to learn early how to use critical thinking skills. I have been impressed already with the level of their commitment and how engaged they are in the general principles of philosophy," explains Sebo.

RINGING IN A VERY GOOD YEAR

Gateway senior Kwame Ocran of Brooklyn Tech stood with eleven fellow New York City public high school students on New Year's Eve to help Mayor Michael Bloomberg push the button that lowered Time Square's famed New Year's Eve ball. The event honored representatives of the 12 New York City public schools that made the 2010 U.S. News and World Report "America's Best High Schools'



Kwame Ocran (Brooklyn Tech, 2010) with Mayor Michael Bloomberg at New Year's Eve in Time Square.

Top 100 Gold Medal" list. A pre-med major and a Gates Millennium Scholar, Kwame will attend the Macauley Honors College at Hunter College. Speaking of dropping the ball at midnight—a moment when all the world is watching—Mayor Bloomberg enthused: "In that brief window, we get to showcase to the world what's best about New York, and I couldn't be more proud that these students—who represent everything we've done together to turn one of the nation's worst public school systems into its most promising—will be there with us."

BEZOS FOUNDATION HONORS FACULTY

Janice Baranowski, a Gateway biology teacher at Brooklyn Tech, was one of five teachers in New York City tapped as a Bezos Educator Scholar@The World Science Festival. The initiative is in its first year and is designed to spark passion and to give students and science educators an opportunity to spend the next school year pursuing those passions alongside working scientists. The program kicked off with a five-day, all-expense-paid scholarship that brought together five student scholars and five educator scholars—one team from public high schools in each of NYC's five boroughs—to the World Science Festival in June. The scholars and educators will continue to work together throughout the year on a science research project that will be showcased at the 2011 World Science Festival.

DEPUTY FOR A DAY

Leawanda Herbert, a 10th grader at Clara Barton, likes to write—and judging by her first two years in high school, she does it well. She was chosen in June 2010 as one of 130 high school students to assume the duties of the New York Police



Department's top brass. Sponsored by the Police Athletic League, the annual "Commissioner For A Day" is an essay contest which this year focused on building better relationships between teens and police. In her freshman year, Leawanda was one of 3 students to win the Freedom in Expression essay contest sponsored by the New York Civil Liberties Union. She was also one of 5 students to win a contest sponsored by the *Daily News* on Lady Liberty, earning her a spot as one of the first people to climb to the Statue of Liberty's crown when it reopened to the public on July 4, 2009.

“Having worked with Gateway while I was at Stevenson HS, I know the value that Gateway can bring to students. The Gateway program here at Cardozo is a unique opportunity to address a critical challenge for our students.”



Gerald Martori, the principal of the now retired Gateway program at Stevenson HS, lobbied to bring Gateway into his new school at Cardozo HS.

GATEWAY RECRUITED TO NEW SCHOOLS

This year, Gateway opened new programs at four schools in Queens: Bayside High School, Benjamin Cardozo High School, Excelsior Preparatory High School and George Washington Carver High School for the Sciences. The programs, which function as the school's honor class for high achieving students, feature the hallmarks of the Gateway advantage, including carefully selected teachers, rigorous academic curriculum, involved parents and guardians, an emphasis on summer placements and internships, and access to Gateway's partnerships with universities, museums, hospitals, research laboratories, and other institutions to enhance the learning environment. While each school has its own mission, the Pledge made at the induction ceremony at Carver speaks volumes. Written by the students, it says: "On my honor, I pledge to maintain the ideals for which the Gateway Institute stand to the best of my ability. I vow to maintain high scholastic standing, an untarnished character, to endeavor to intelligently be a leader, and to give of myself freely in service to others." The new Gateway students at Cardozo would likely agree. The nontraditional program initially targeting male students in Advanced Placement English, has an 80 percent success rate in its first year, sending 34 sophomores to AP English in their junior year.



Gateway students from Excelsior celebrate at their induction ceremony.



Students from Cardozo's new English program are serious about success.

GATEWAY SERVICES

The Gateway Institute is an approved vendor of the New York City Department of Education. Building on our many years of experience in working in the New York City public school system, we offer workshops in many areas, including the following:

Literacy Initiatives

Placements & Internships

PSAT/SAT/Regents Preparation

Guidance

Youth Development

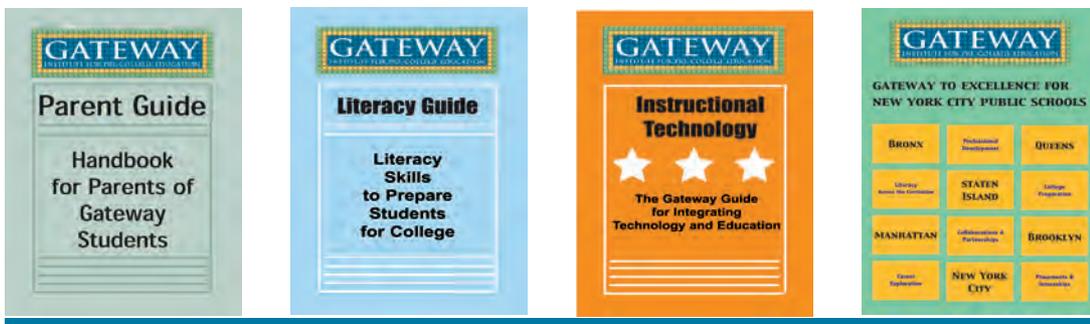
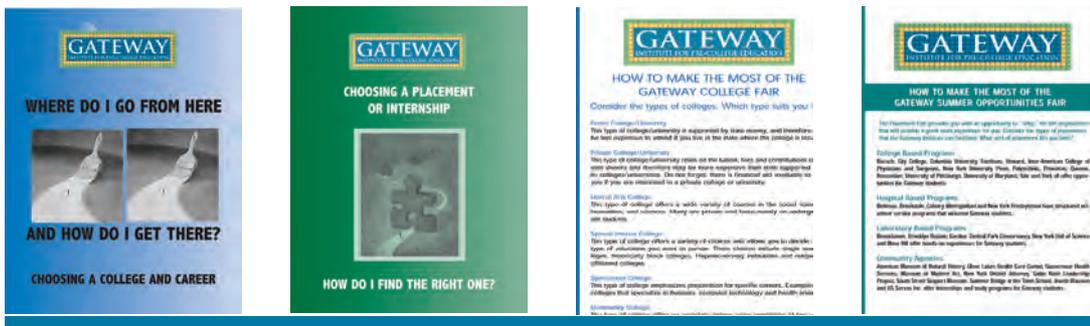
Leadership Development

College & Careers

Publications

GATEWAY GUIDES

Gateway continues to expand its services with a growing number of publications, both free for download from the Gateway web site, and proprietary guides that may be purchased or licensed. Gateway also provides custom publishing of brochures, guides, and website design.



GATEWAY PROGRAMS

A. Philip Randolph (Manhattan)

Principal: Henry Rubio
Gateway Coordinator: Jef Marcucio

Bayard Rustin Educational Complex (Manhattan)

Principal: Nancy Amling
Gateway Coordinator: Christopher McCurley

Bayside High School (Queens)

Principal: Michael Athy
Gateway Coordinator: Caren Birchwood-Taylor

Benjamin Cardozo High School (Queens)

Principal: Gerald Martori
Gateway Coordinator: Beth Kierez

Brooklyn Technical High School (Brooklyn)

Principal: Randy Asher
Gateway Coordinator: Thomas Evangelist

Clara Barton High School (Brooklyn)

Principal: Richard Foreman
Gateway Coordinator: Maurice Pahalan

Enterprise, Business and Technology High School (Brooklyn)

Principal: Juan Mendez
Gateway Coordinator: Michelle Oransky-
Arroyo

Excelsior Preparatory High School (Queens)

Principal: Derek Jones
Gateway Coordinators: Ophelia Morris,
Michelle Gideon

Francis Lewis High School (Queens)

Principal: Musa Ali Shama
Gateway Coordinator: Roberto Verastegui

George Washington Carver High School for the Sciences (Queens)

Principal: Janice M. Sutton
Gateway Coordinator: Edward Park

Herbert H. Lehman High School (Bronx)

Principal: Janet Saraceno
Gateway Coordinator: Lou Cirillo

Jamaica High School (Queens)

Principal: Walter Acham
Gateway Coordinator: Kathy Kalansky

Port Richmond High School (Staten Island)

Principal: Timothy Gannon
Gateway Coordinator: Christine Coakley

Science Skills Center (Brooklyn)

Principal: Judy Henry
Gateway Coordinator: Arnetta Green

The Bridge to Medicine Program (Queens)

Director: Elisabeth Iler

GATEWAY SCHOOLS

Queens Gateway to Health Sciences Secondary School (Queens)

Principal: Cynthia Edwards

STAR High School at Erasmus in partnership with Brooklyn College (Brooklyn)

Principal: Eric Blake

Gateway School for Environmental Research and Technology (GSERT) (Bronx)

Principal: Clifford Siegel

GATEWAY IN BOSTON

John D. O'Bryant School of Math and Science

Headmaster: Steven Sullivan
Gateway Coordinator: Jennifer Wu

GATEWAY SUPPORTERS

Chair: Beatrix Hamburg, MD, is a child psychiatrist and professor at the Cornell University Medical College. She is a former president of the W.T. Grant Foundation.

Charles Biggs, former senior partner at Deloitte & Touche LLC, is founder of Board Advisory Services, a consulting firm to help clients' boards of directors.

Diana Burroughs, PhD, is executive director and co-founder of TeachersCount, a national nonprofit dedicated to raising the status of teachers. She co-founded PENCIL, whose mission is to encourage private-sector involvement in public education.

Rose DePinto was the former senior high school superintendent and chief executive for instruction at the New York City Department of Education.

Patricia Hassett is the chief of staff for Aetna Inc. and a former CUNY vice chancellor. Before joining Aetna, she was senior vice president at Mount Sinai Medical Center.

Howard Hiatt, MD, is a senior physician in the Division of General Medicine of Brigham and Women's Hospital in Boston. The National Academy of Art and Sciences recently paid tribute to Dr. Hiatt for his efforts in founding the Academy's Initiative for Children.

Sue A. Kaplan, Esq., is an associate professor in the Robert F. Wagner Graduate School of Public Service at New York University, and is chair of the Bank Street College Board of Trustees.

Nathan Kase, MD is Dean Emeritus of the Mount Sinai School of Medicine, one of the principal partners of the Gateway Institute.

Marlene MacLeish, EdD, is professor of medical education at the Morehouse School of Medicine in Atlanta, Georgia, and is a former dean of students at Sophie Davis.

Vincent McGee is a consultant and has been a long-standing supporter of Gateway.

John Mogulescu, PhD, is the university dean for academic affairs and deputy to the executive vice chancellor at CUNY.

John Rowe, MD, is executive chairman and former chief executive officer of Aetna Inc. and a former president of Mount Sinai/New York University Hospitals.

John Tobin was formerly executive vice president at the Siemens Foundation and one of the principals at Brooklyn Tech that helped build the Gateway program.

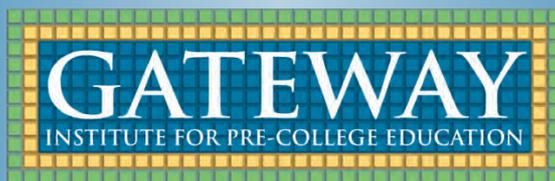
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Robert Wood Johnson Foundation
Sherman Fairchild Foundation
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