

MANY *faces* ONE *dream*  
*The Campaign for*  
**THE BRONX HIGH SCHOOL OF SCIENCE**



Each September for generations, hundreds of freshmen have appeared at the entrance of The Bronx High School of Science with one thing in common: the powerful sense that something important is about to happen in their lives, that their dreams are within reach. Today is no different, with teaching and commitment at an all-time high and the students as smart and hard-working as ever.





### III

*“Bronx Science is a real fork in the road. Students are exposed to a wide variety of smart people doing interesting things, and the effect is transformational. It’s where they become the people they are going to be.”*

MARSHALL JAFFE '77, BRONX HIGH SCHOOL OF SCIENCE ENDOWMENT FUND

*“Life brings us full circle. After having some of the best times of my life at Bronx Science and making life-long friends, I am so happy to be returning to my roots and helping the school in this new millennium. You simply can’t find kids more willing to learn and more deserving than those who are at Bronx Science — they are truly a unique group of young people.”*

LAURA KOSS-FEDER '81, EXECUTIVE DIRECTOR, BRONX HIGH SCHOOL OF SCIENCE ENDOWMENT FUND

The Bronx High School of Science has long been, and continues to be, a model for public education in idea and in practice: the most talented students and faculty working at the highest levels of excellence. The school is a strict meritocracy — the only criterion for admission is one’s score on the citywide entrance exam — and achieves demonstrable results. Bronx Science plays a vital role in New York City’s and the nation’s educational landscape, offering top-performing students a high-impact alternative within the public school system.

The school’s facilities, however, stand in stark contrast to its human capital. The building has not had a major renovation since it was built in 1959. Facilities central to a Science education — such as the library and science labs — are at the tipping point; they will not be able to support the highest level of teaching and learning much longer.

To ensure that Bronx Science is able to nurture future generations of world-class leaders in academia, the arts,

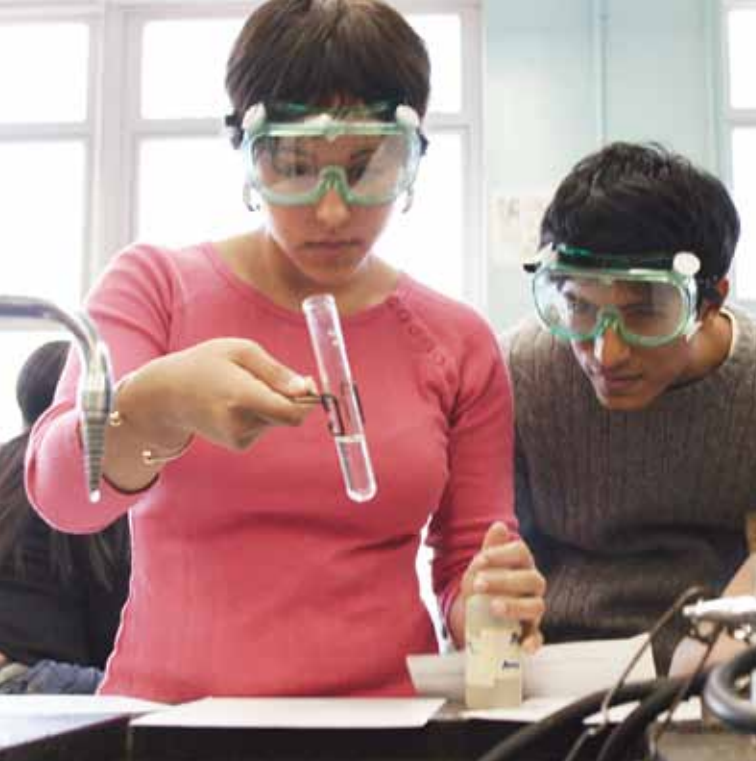
science, medicine, law, business, finance, engineering and government, we are embarking on an historic \$20 million investment of time, talent and resources: *The Campaign for The Bronx High School of Science.*

Under the leadership of The Bronx High School of Science Endowment Fund, Inc., the Campaign will focus on upgrading the most critically outmoded and overtaxed facilities, as well as establishing endowments to sustain a variety of academic and enrichment activities and to support faculty development.

We invite you to join us in this exciting, rewarding endeavor. No one knows better than members of the Bronx Science family the profound and essential impact the school has on its graduates throughout their lives — and the impact those graduates have on New York City, the nation and the world. What better return on investment to our society is there than the extraordinary students of Bronx Science?

*“Learning and doing new things was the ‘in’ thing to do. One day a kid told us that he was studying a new math called calculus. By the end of the year, a dozen of us had bought calculus books and had attained a considerable grasp of the subject.”*

STEVEN WEINBERG '50, NOBEL LAUREATE



## MANY *pursuits* ONE *goal of excellence*

Learning is an audible, visible thing at Bronx Science. Classrooms crackle with questions, and answers always lead to more questions. The hallways brim with intellectually charged banter. After-school hours, even lunch hours, find students engaged in extracurricular research or pursuing myriad interests through our many successful teams and clubs — from the Pre-Med Society and Physics Club to the Cartoonists Society and the Tibetan Cultural Club.

To a degree unusual in any high school — and truly exceptional for a public high school — Scienceites receive remarkable faculty and peer support for finding and following their passions, in the classroom and beyond.

Always, there is one goal: excellence. It is made manifest every day, in every corner of the school. It's no wonder Bronx Science is a perennial leader in the annual Westinghouse/Intel Science Talent Search and counts seven Nobel Laureates among its graduates — more than any other high school in the world.

Continued excellence will demand high standards, thoughtful planning and prudent investment. The first is assured. The second and third are the domain of those who most love and believe in Bronx Science, and those whom it has benefited most — its alumni — through investment in *The Campaign for The Bronx High School of Science*.

By improving and augmenting resources, we will ensure that our exceptional students continue to have extraordinary educational opportunities. Through this Campaign, we will guarantee that their learning never suffers because they don't have access to lab equipment or study in an inadequate library. And we will be able to accommodate students pursuing high-level extracurricular scientific research who today must use off-campus facilities. In a city- and nationwide educational climate in which the poorest-performing schools get the lion's share of the government's limited resources, your investment in the Campaign is crucial for Bronx Science to maintain its margin of excellence.



*“Bronx Science helped shape me and make me the person that I am today. I met so many other students from beyond my immediate neighborhood; it opened my eyes to other people and to a world of possibilities. I also had teachers who encouraged me to explore my interests, passions, and dreams. I’m so glad to have the opportunity to give back to the school, and I’m looking forward to seeing it continue to prosper in the future.”*

CHRISTINA MCGOVERN BATER '80, BRONX HIGH SCHOOL OF SCIENCE ENDOWMENT FUND



Your support of Bronx Science is more relevant and vital than ever in an era in which the U.S. is falling behind in science education. While our students enjoy a broad liberal arts education, and most embark on careers outside the sciences, the school is still widely renowned for its excellence in the sciences. Teaching and learning still hews to Founding Principal Morris Meister’s vision: “Our school has always conceived of science as dedicated to the service of mankind. The beautiful perpetual reminder to all of us that what is important about science is what it does to the lives of men and women.”

### Robotics... with a Human Touch

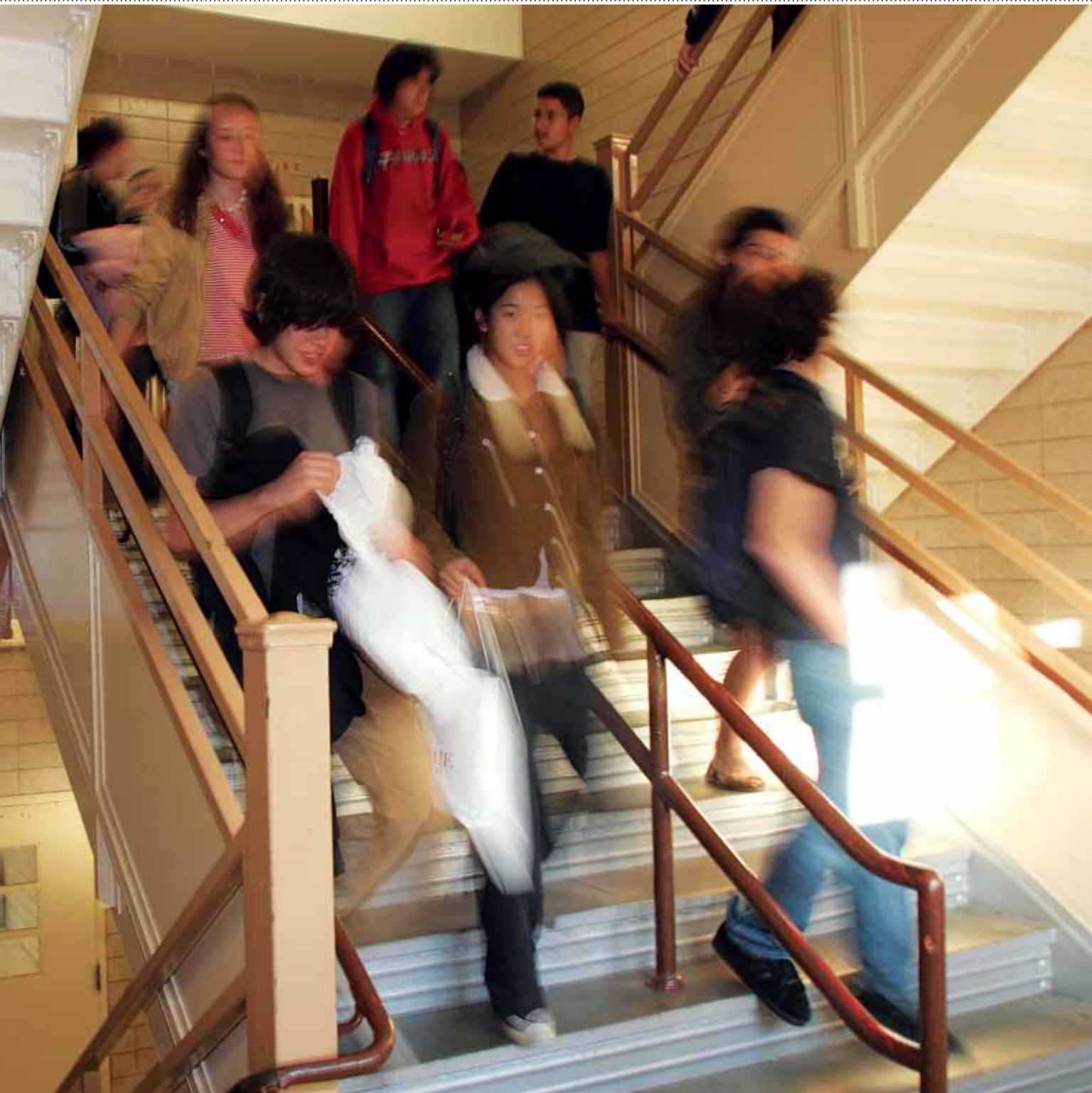
The robotics team, says coach Fred Levy '77, is a microcosm of all that’s good about Bronx Science, the powerful combination of the motivated mind and Samaritan heart. Not only does the accomplished team compete at the highest level of excellence, but its members reach out to help every segment of the community, from mentoring elementary school kids to teaching residents of a senior center how to use e-mail. There’s one more element that is uniquely Bronx Science. “The sense of family is unbelievable,” says Levy. “The girls’ soccer team shows up to support the robotics team. It’s symbolic of any team. That’s just how things are here.”





*“The thing that’s really special is the student body. I don’t mean because they’re smart, which they are, but it has nothing to do with that. There’s a certain culture — the kids support one another, reach out to one another, make friends they keep for the rest of their lives.”*

MILTON KOPELMAN, PRINCIPAL, 1979-1990



## MANY *places* ONE *destiny*

Going to the Bronx High School of Science is all about choices.

For the best and brightest students in New York City, they have a host of specialized and very competitive schools available to them. But, despite those myriad of options, these bright, creative, and diverse young people have chosen to spend their high school years here at Bronx Science. These students come from all over the city and the world — new immigrants, first-generation Americans, longtime Upper Westsiders, Queens commuters — all attracted to the many options, academic excellence, and dedicated teachers at Bronx Science. Here are some of their stories:

Joshua Prenner, 18, of Riverdale, a senior who will be attending Brown University in the fall majoring in Spanish and neuroscience, is the definition of versatile. Joshua is the president of ARISTA, the national honor society, and tutors math, chemistry, and Spanish to other students at Bronx Science. In fact, he is practically bilingual. In addition, he is a member of Girls Learn International, a human rights club, and

is active in local musical theater outside of school. And if all that wasn’t enough, Joshua is taking five advanced placement classes during his senior year.

“Deciding to go to Bronx Science was one of the best choices I’ve ever made,” Joshua says. “The kids here are just great; while you have to work hard to keep up with them, you’re also buddies with them at the same time. And, I’ve had some amazing teachers — the math department is intense and the history teachers are awesome.”

He adds: “Being at Bronx Science is not even like being in high school. I feel like I have been at a four-year liberal arts college. When I actually do start college, I will be so well prepared and then some.”

While college is still a few years off for sophomore Battulga Gantulga, the Mongolia native feels that choosing to go to Bronx Science is helping to set his course for the future. The soft-spoken student, who commutes from Astoria, is definitive when you ask him about his career choice: heart surgeon.

“My family moved here so that I could have more opportunities, and part of realizing those dreams involves coming to a special high school like Science,” Battulga says. “I want to be a doctor and be able to help people in a meaningful way.”

Battulga is starting to realize those dreams, with an upcoming summer volunteer internship at Mount Sinai Medical Center, one of New York City’s premier hospitals.

As with Battulga, freshman Benjamin Adegbite felt that choosing Bronx Science would help him attain his goal of eventually going to Harvard University and becoming a doctor. “From an early age, my parents instilled the importance of education in me and my siblings,” says Benjamin, who lives in the Bronx and whose family is from Nigeria. “And, now that I’m here, I found that the adjustment was very easy and I have met other kids who have the same interests as me — in addition to getting a great education.”

In fact, 14-year-old Benjamin has made friends by joining the Science Fiction Club, and shares his love of drawing and comic books with other kids at Bronx Science.

“My 12-year-old brother sees how happy I am here and wants to come to Science as well,” Benjamin says. “I guess I’m starting a legacy in my family.”

The legacy of choosing Bronx Science was a no-brainer for Sinead Lamel, a 16-year-old junior from the Upper West Side. Her sister, Althea, now a student at Oberlin College, also graduated from Bronx Science.

“My family is from Oregon and we traveled a lot; I’ve been to 40 of the 50 states,” Sinead says. “I’m really into the environment and conservation, and the

classes here at Bronx Science allow me to explore my interests; you just wouldn’t have these kinds of diverse classes at other high schools in the city.”

Sinead, a member of the Ultimate Frisbee team, is exploring her passions in the summer by working for a month at the Student Conservation Center in the Smoky Mountains of Tennessee.

And, what does going to Bronx Science hold for incoming freshman Teddy Becker-Jacob, 13, of the Upper West Side? While he says the school appealed to him because of its high academic standards and open and nurturing attitude of its teachers, Teddy was even more impressed by the variety of courses and subjects offered to students. He has an interest in filmmaking and screenwriting and hopes to join the Film Club. Teddy, who has been on his middle school debate team, also is planning to join the high school’s Debate Team, which in 2010 was the home to the number one debater in the country, Andrew Markoff, and has had many legendary debaters in its rich history.

“I’m very excited about coming to Bronx Science. It just seems like a very special school, in many ways,” Teddy says.

When you contribute to *The Campaign for The Bronx High School of Science*, you are helping talented, exuberant young adults like Teddy, Joshua, Sinead, Battulga, Benjamin and so many others who want to learn and are eager to achieve academic excellence. While Bronx Science is a quintessentially New York institution — big, diverse, full of talent and passions, striving and accomplishment — there are, in fact, few places like it. The Campaign will help ensure that one of the few truly meritocratic opportunities left in American public education continues to make good on its promise and thrive in this dynamic new millennium.

*“For generations, Bronx Science has provided bright young students — from around the world and around the block — with the keys to the American Dream. Those of us who have received those keys have an obligation to pass them along to future generations.”*

BRUCE B. JAKUBOVITZ '74, BRONX HIGH SCHOOL OF SCIENCE ENDOWMENT FUND

## MANY generations ONE future

The lasting impact of Bronx Science is best measured by the indelible mark our graduates make on the world. You will find Science alumni at the top of virtually every profession — science, engineering, law, politics, the arts, finance, medicine — contributing enormous amounts to their fields and to their communities, especially to New York City.

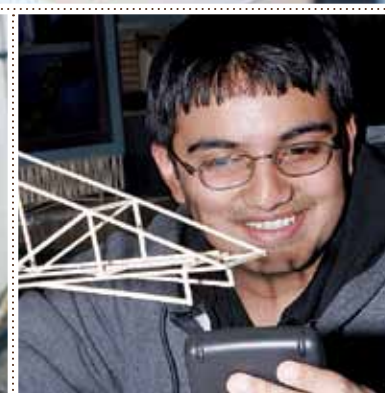
Novelists E.L. Doctorow '48 and Richard Price '67 are graduates, as are former Burberry CEO Rose Marie Bravo '69, Dr. Thomas Matthew '77, the first African-American neurosurgeon, and New York Congresswoman Nita (Melnikoff) Lowey '55. Our alumni include a former Secretary of Defense, a leading writer of science books for children, countless doctors, teachers, engineers — innumerable success stories. Seven alumni have won the Nobel Prize in physics (including in 2004 and in 2005), and five have won the Pulitzer Prize.

Our graduates are leaders in many of New York City’s most important institutions and ventures, including the *New York Times* (Joseph Lelyveld '54, former executive editor, and columnist William Safire '47); Columbia University (Michael Sovern '49, president emeritus);

winner of the Freedom Tower competition (Daniel Libeskind '65, architect); the public school system (Harold O. Levy '70, former chancellor); the Hayden Planetarium (Dr. Neil deGrasse Tyson '76, director); and the revitalization of the South Bronx (Majora Carter '84, urban strategist and 2005 MacArthur Fellow).

BHSS is a vital pipeline for meeting the country’s need for leaders, especially in the sciences, as horizons continue to expand in medicine, life sciences, physical sciences and technology while the U.S. falls behind in secondary science education. Educating tomorrow’s leaders, thinkers, innovators and experts does not come cheap. Public funding is no longer enough to support the school’s mission to do so. We need your help.

When you invest in *The Campaign for The Bronx High School of Science*, you do nothing less than transform lives — lives that, in turn, transform society. You may not have to look far to imagine those bright young lives, appearing at the entrance to The Bronx High School of Science with the sense that something important is about to happen to them. It may even sound very familiar.





## MANY *priorities* ONE *vision*

For many years, our students and teachers have been performing at the highest level of excellence amid the school's physical challenges of inadequate space, outdated labs and limited resources. The school has succeeded on shoestring budgets with little emphasis on major gifts from alumni, but recent contributions have helped us launch this Campaign and raise our sights for the future. *The Campaign for The Bronx High School of Science* offers a critical opportunity to make our physical plant commensurate with our quality of teaching and learning.

The Campaign's top capital priorities are to redesign and renew the science labs, including renovations and rebuilding. The Campaign also seeks to build

endowments that will ensure that future generations of students will continue to receive an education that lives up to Bronx Science standards.

Additional priorities include:

- \* upgrading technology to keep students and faculty at the cutting edge of teaching and learning
- \* providing comfortable informal gathering areas to foster learning beyond the classroom
- \* relocating our award-winning Holocaust Studies Center, so that we can display it to its full potential as a one-of-a-kind museum space unseen before in any public high school

The main components of the Campaign are the following:

### RENEWING THE SCIENCE LABS

Science labs are equally unsatisfactory, looking and functioning much as they did decades ago. While the quality of teaching and learning in the school's labs is as exciting as ever, other leading high schools in the country have far better facilities at their disposal. Despite the intense use of the school's scientific equipment, the expenditure for science materials is less than \$3.25 per pupil per year — the same amount received by other public high schools in the city. As a result of this Campaign investment, students will no longer have to do experiments in shifts and will be able to do certain research projects at the school rather than scrambling for access to off-campus labs.

The Campaign will:

- \* Work with staff to identify priority needs
- \* Completely renovate 13 of the school's 18 labs
- \* Create a plan to ensure continual upgrading of all lab facilities

### ENHANCING THE ATHLETIC FACILITIES

Athletics is a big part of many Bronx Science students' lives and can be a great help for them to get into the college of their choice. But, many of our facilities are outdated, and we lack some essential components of a high school athletic program.

The Campaign will seek to do the following:

- \* Create a new gymnasium, with state-of-the-art athletic equipment
- \* Build a swimming pool
- \* Provide a fitness and weight room for students

### UPGRADING TECHNOLOGY

For students to learn at the highest level, Bronx Science must keep pace with the continual leaps in information technology.

The Campaign will:

- \* Help the school undertake a master plan for technology
- \* Provide new computers for classrooms and labs
- \* Ensure enrichment and training opportunities for faculty
- \* Upgrade Internet access for students and faculty

### PROVIDING COMFORTABLE MEETING AND STUDY SPACES FOR FACULTY AND STUDENTS

Much of the learning at Bronx Science takes place in the interstices between classes. Currently, the building has no informal meeting spaces for thoughtful interaction among students and faculty. Through the Campaign, we will create a number of gathering spaces and places with comfortable seating and lighting for students to:

- \* Meet with their peers in study groups
- \* Confer with teachers on projects and assignments
- \* Prepare for group projects
- \* Relax with friends and classmates

We will also renovate the long-neglected faculty lounge to create a comfortable place for faculty to meet, interact and collaborate with colleagues.

**PRESERVING AND EXPANDING THE HOLOCAUST STUDIES CENTER**

Bronx Science’s Holocaust Museum and Studies Center is an invaluable resource for our students and faculty, as well as the more than 58,000 guests who have visited from around the world. Students, most of them non-Jewish, serve as docents, and many have become very knowledgeable about Holocaust history.

The Museum is one of the most significant such programs in the nation and thought to be the only collection of its type in a U.S. public high school. Yet the space is wholly inadequate for the impressive collection of original and important Holocaust documents, diaries, photographs, letters, posters, books, uniforms, autographs, and other artifacts. More than two-thirds of the collection must be stored off-site.

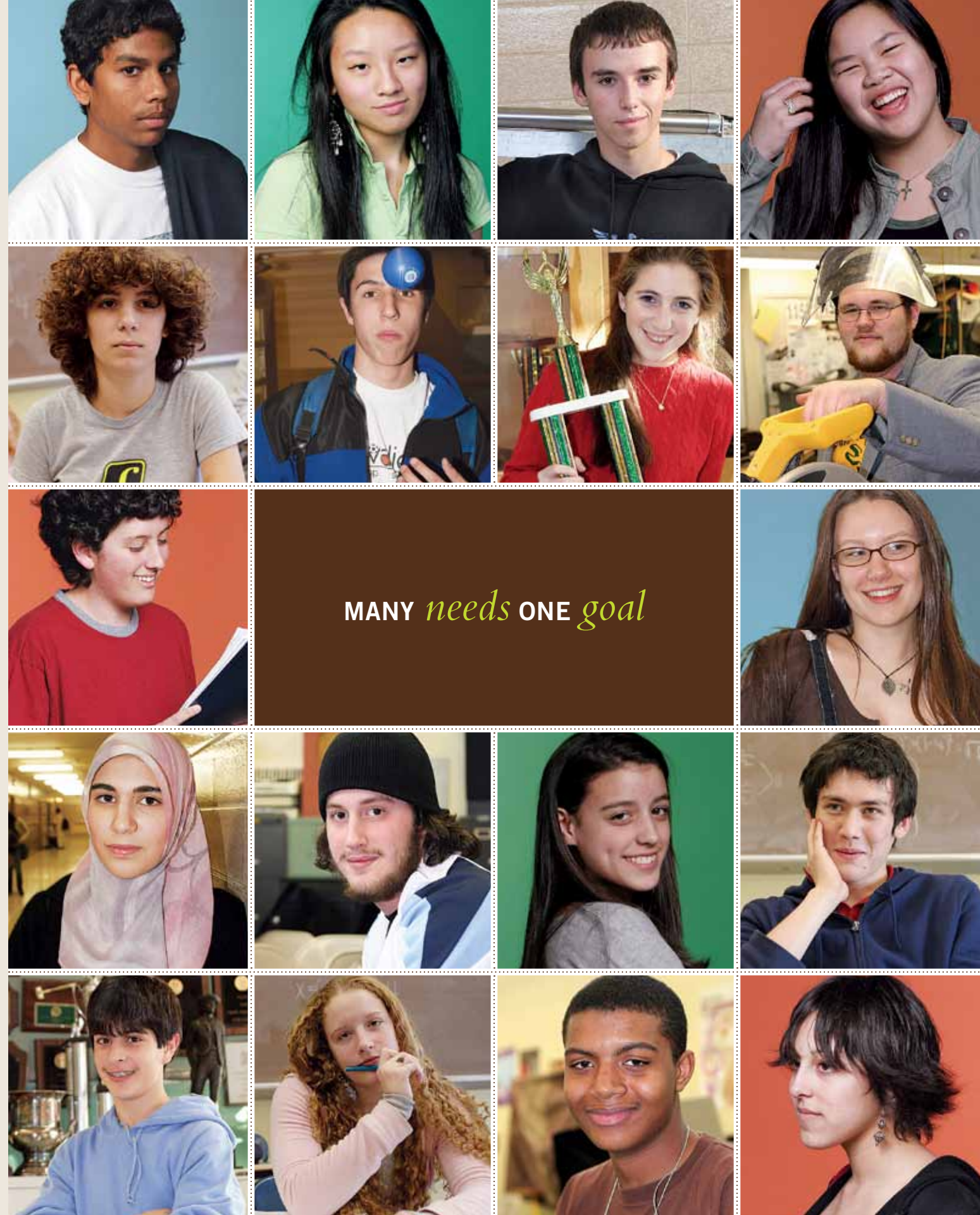
To affirm the value of our Holocaust Museum, to assure the preservation of fragile items within it, and to make it possible for more young people and adults to access it, we plan to:

- \* Re-create the Holocaust Museum at an expanded site within the school library
- \* Install a proper climate-control system
- \* Provide new print and Web-based information access

**PROVIDING ENDOWMENTS**

In today’s technologically sophisticated world, the regular per-pupil allotment in public schools falls short of providing the first-rate learning resources that a school of the caliber of Bronx Science requires. To offset this imbalance now and into the future, the Campaign proposes to establish key strategic endowments, which will guarantee perpetual annual income to support the following areas:

- \* Endowment for Academic Excellence
- \* Endowment for Technology
- \* Endowment for Student Extracurricular Arts and Humanities Programs
- \* Endowment for Athletic Programs
- \* Endowment for Faculty Professional Development



MANY *needs* ONE goal



## MANY WAYS *for you to make a difference*

There are many ways to participate in *The Campaign for The Bronx High School of Science*, passing along the gift of a Bronx Science education to future generations.

The Campaign is administered under the leadership of The Bronx High School of Science Endowment Fund, Inc., a 501(c)3 not-for-profit organization, and all donations are tax-deductible to the extent allowed by law. We look forward to working with you to determine which method of support is best for you. These include:

### GIFTS OF CASH

Cash gifts may be made by check or credit card, payable to The Bronx High School of Science Endowment Fund, Inc., and sent to: P.O. Box 449, Jerome Avenue Station, Bronx, N.Y. 10468

### GIFTS THROUGH PLEDGES

Pledges are welcome over a three- to five-year period, on an annual, semi-annual, or quarterly basis. Once a pledge card is signed, pledge reminders will be sent at specified intervals.

### SECURITIES AND MUTUAL FUND SHARES

When you contribute appreciated securities and shares of mutual funds, you can often obtain an income-tax charitable deduction for the current fair-market value of the stock, while avoiding capital gains tax. For information please contact the Endowment Fund at 516.536.9187.

### NAMED GIFT OPPORTUNITIES

Honoring or memorializing a family member or other individual can be accomplished through your contribution to the Campaign. Please request a list of naming opportunities. They are available at a variety of levels.

### LEGACY GIFTS

You can develop a gift-planning strategy that benefits you and your family through immediate and deferred tax advantages, while also benefiting Bronx Science for generations to come. Whether it is a gift through your will or living trust, a gift of retirement-plan assets, or a charitable gift annuity, we will work with you to set up a mutually beneficial and meaningful gift. For information please contact the Endowment Fund at 516.536.9187.

## CAMPAIGN GOAL: \$20,000,000

### FACILITIES & PROGRAMS: \$11,150,000

- \$7,000,000 To invest in superior science instruction by renovating or replacing antiquated science and technology labs with state-of-the-art facilities
- \$1,500,000 To enhance and add athletic facilities to benefit scholar athletes
- \$1,350,000 To update technology resources and student access to them
- \$600,000 To preserve and exhibit the school's award-winning Holocaust collection
- \$300,000 To create an enhanced college placement program to improve student access to the college admissions and financial aid process
- \$200,000 To renew and ventilate the lobby
- \$200,000 To expand and enhance extracurricular arts and humanities programs

### ENDOWMENT: \$8,850,000

- \$2,645,000 For General Endowment to sustain academic excellence and secure the future of Bronx Science
- \$2,250,000 For Technology Endowment
- \$2,105,000 For Endowments to assure Student Extra-Curricular Humanities, Arts, and Athletic Programs (named endowments start at \$150,000)
- \$1,850,000 To Endow Faculty Professional Development

**Bronx High School of Science Endowment Fund, Inc.**

P.O. Box 449, Jerome Avenue Station

Bronx, N.Y. 10468

[www.bronxscienceendowmentfund.org](http://www.bronxscienceendowmentfund.org)

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