

CCNY TODAY

MAY 2017

REPORT FROM THE
INTERIM PRESIDENT



“ So, graduates, while I think it’s fair to say that our Founding Fathers never could have imagined this day, all of you are very much the fruits of their vision. Their legacy is very much your legacy and your inheritance. And don’t let anybody tell you differently. You are the living, breathing proof that the American Dream endures in our time. The American Dream endures in our time. It’s you.”

Michelle Obama addressing CCNY Class of 2016

CONTENT

Message from the Interim President	04
The College Today	06
Children of the Whole People: Student Success	10
Citizens of the World: Leadership	14
Research & Scholarship	18
Leading the Conversation	22
Engaging the Community	24
Thanks to our Friends	28
CCNY Today At a Glance	31

The experiment is to be tried, whether the children of the people, the children of the whole people, can be educated; and whether an institution of the highest grade, can be successfully controlled by the popular will, not by the privileged few.”

Dr. Horace Webster
First President of The Free Academy, 1858

CITY COLLEGE’S TRADITION OF NOTABLE COMMENCEMENT SPEAKERS CONTINUES



Founded 170 years ago as the Free Academy, The City College of New York was one of democracy’s great experiments. Today, it remains one of democracy’s great achievements, and it will forever be one of democracy’s great hopes.



M E S S A G E F R O M T H E
INTERIM PRESIDENT



CCNY as an institution, and as the embodiment of a sacred democratic ideal, abides. Amidst of a decades-long trend of diminishing public funding for our school, we remain an island of upward mobility in a country where fewer and fewer people climb the socioeconomic ladder.

I am pleased to present a report for the academic year 2016/2017. The year was, in some fairly prominent ways, a tumultuous one for CCNY. My term as interim president began in early November, following a fairly abrupt transition in our leadership that was preceded by some turmoil on this campus and in the public discussion of this campus. The responsibilities I’ve taken on in this transition include calming those waters and instituting policies that will assure our campus community, as well as our alumni, friends and supporters, that uplifted our nation’s founding documents but was too seldom reflected in the practices of our institutions. Over the years we adjusted what it meant to deliver on that mission – often by our eager embrace of succeeding groups of those who were left out of the American dream – but we have held fast to our founding values.

This is the 170th anniversary of the City College. We began our work as an absolutely revolutionary educational experiment, establishing a college with educational and

admission policies that mirrored the rhetoric that uplifted of our nation’s founding political documents, to too seldom was reflected in the practices of other colleges at the time. Over the years, we adjusted what it meant to deliver on that mission—often by our eager embrace of those but have held fast to our founding values.

This year we learned how successful we have been. *The New York Times*, reporting research in economics led by renowned Stanford economist Raj Chetty and John Friedman from Brown, described the contribution that CUNY has made to upward mobility as being six times more than all the Ivy League schools, combined, plus Chicago, Duke, MIT and Stanford. CCNY was specifically recognized in a related study as having the second highest social mobility index (that is, producing the second highest levels of social mobility) in the entire country.

The message for us, I think, should be clear: CCNY as an institution, and as the embodiment of a sacred


democratic ideal, abides. Amidst of a decades-long trend diminishing public funding for our school, we remain an island of upward mobility in a country where fewer and fewer people climb the socioeconomic ladder. We are a place that throws its doors open to all students, no matter where they are from or how they got here, at a time when too many places are moving in the opposite direction. We are a place that cultivates the broadest understanding among the most diverse populations possible, at a time when inter-communal mistrust is on the rise globally. Today’s City College remains the same institution that sprang from the imagination of our founders 170 years ago, and we are vibrant and strong.

But the measure of our strength should not merely be taken in terms of our fidelity to these founding principles. The very highest caliber of research and innovation takes place, every day, on this campus. Close to two billion dollars’ worth of new science facilities stand on our south campus: in those buildings, and in other labs in our Division of Science and the Grove School of Engineering, researchers are developing radically new approaches to disease prevention, to energy use, to the preservation of biodiversity and to the reversal of climate change. In the Bernard and Anne Spitzer School of Architecture, designers and students work every day to develop approaches to the built environment that meet the needs of our city and the communities that reside here. Questions of disparity, justice and equity occupy the time and attention of faculty in the Colin Powell School for Civic and Global Leadership, and they are making those questions central to the education of a new generation of leaders. In the arts and humanities, in School of Education and the CUNY School of Medicine at CCNY, faculty work with students every day to address unique questions that matter most to the residents of our city—how do we most effectively educate young people in the neighborhoods around us? What are the particular medical needs of the underserved? How can we best develop and appreciate the literature, music and culture that gave us New York City?

It would be a mistake to gloss over the turmoil of the last year, or to pretend that CCNY is not in the middle of a leadership transition. Part of that transition has involved our campus community in an effort to establish a new and stronger spirit of transparency in matters of governance and financial management. Part of that transition also requires that we more fully professionalize and institutionalize our philanthropic operations; as philanthropy becomes an increasingly vital elements of our business model, CCNY has undertaken to work with the good men and women of our foundation boards to insure that we are following best practices in raising and managing donor gifts. In the end, the review of these processes – forced though the review of these exigencies of the day—will make us a stronger and more vital campus.

Leadership transitions happen periodically to all institutions, and often are attended by the kinds of growing pains we experienced this past year. But surveying the City College of 2017, one cannot help but marvel at the richness of our campus, the vitality of our student body, and the tremendous potential City College has to make its mark on the city and the nation for generations to come. These are the things that today—no less than at any time over the last 170 years—make CCNY as vital place today as it has been at any time in its storied history.

Sincerely,



VINCE BOUDREAU
INTERIM PRESIDENT,
THE CITY COLLEGE OF NEW YORK

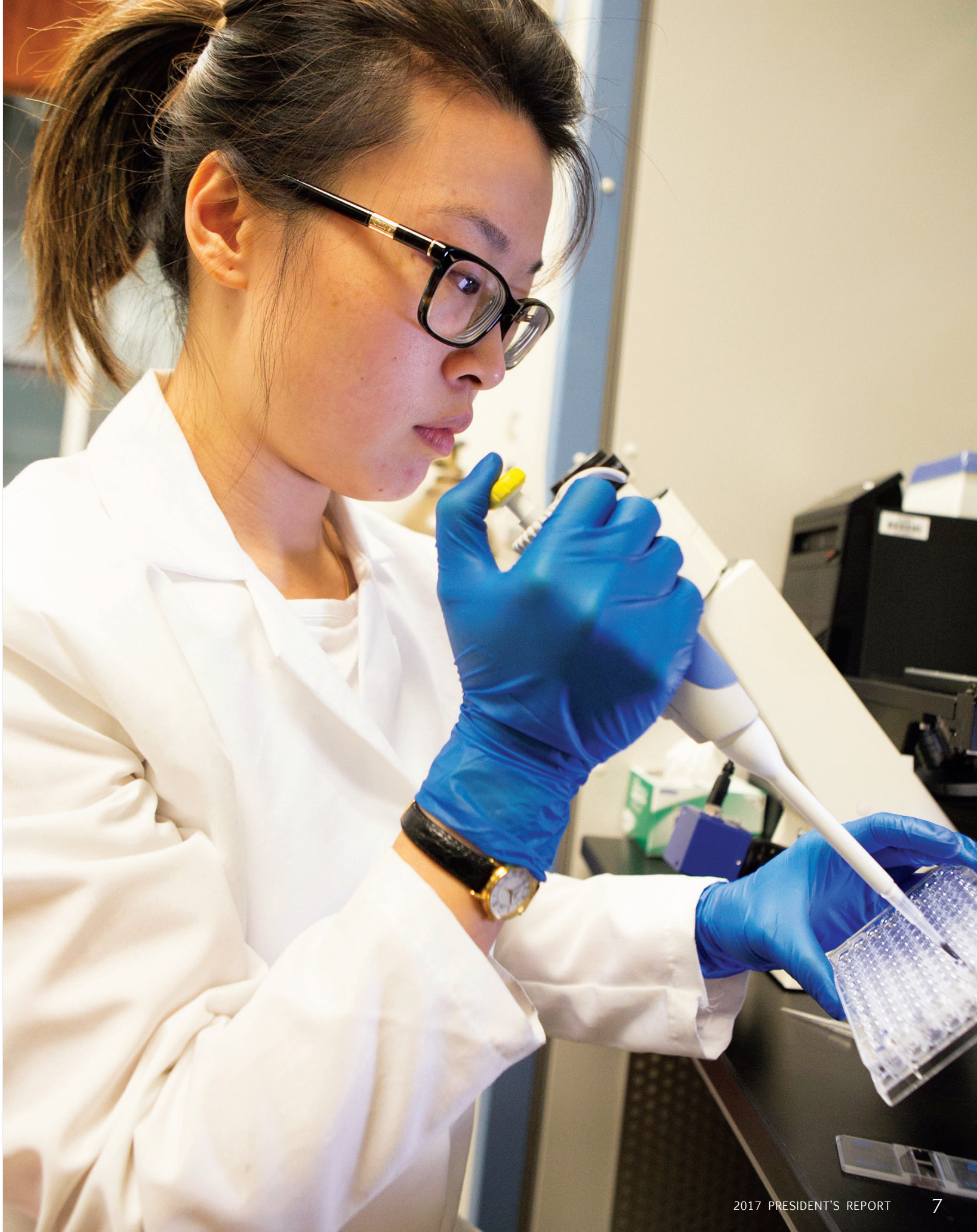
T H E
COLLEGE TODAY



“Education must enable a man to become more efficient and it must also humanize him... It will give him not only knowledge which is power but wisdom which is control. Not only truth, which is light, but goodness, which is warmth.”

Martin Luther King, addressing CCNY Class of 1963

It is hard to imagine that the flagship campus of the City University of New York was once one building, located far from our current home high on a hilltop in Harlem. But that is our story - from our earliest days as the original Free Academy to today’s campus, filled with nearly 20,000 students, faculty and staff, we are a campus that is ever-changing. That evolution continues as far south as 133rd Street and Convent Avenue where our two newest buildings are housed: The CUNY Advanced Science Research Center and the City College Center for Discovery and Innovation. The City College Center is home to approximately 200,000 square feet of space designed for advanced research in key interdisciplinary fields. The facility is a magnet for regional, national and international researchers and an academic hub of learning for our students and faculty.





In fact, our entire campus is a global hub - from our international students who come to learn in every field imaginable, to our faculty who have studied and worked in almost every country in the world - you can't enter a classroom without realizing that our roots extend around the world. In our Dominican Studies Institute, for example, our students learn from experts that the earliest days of the trans-atlantic slave trade brought people to Hispaniola earlier than research previously recognized and that as rights were asserted by former slaves, the dignity of new nations began to grow and expand westward, and our students themselves represent virtually every nation on earth.

The center of our campus is home to experts on political theory, international trade, poetry and literature, and a web of physical and material sciences that leave students eager to learn theory and practical applications for advanced science. Our students learn from experts in the field of architecture and design as well as languages and the history of art.

City College is home to one of the most diverse medical schools in the nation, dedicated to serving the underserved. Our exciting branding and integrated communications program continues to produce the highest caliber graduates, who go on to shape our collective thinking about product design and development.

At our northernmost end, City College is home to our engineering program - a testament to the growing need for engineers to learn in an environment that gives them access to urban revitalization projects and suburban growth issues that will change the way people live and do business for generations to come.

The college of today looks far different than it did in 1847. But one thing remains constant: this is a campus that will always seek out students who are looking for answers to the biggest questions, and we will always support faculty who are working on society's most intellectually challenging projects.

That is the City College of today and of the future.



STUDENT SUCCESS

CHILDREN OF THE WHOLE PEOPLE



“I went back to CCNY check in, because a center had been named in my honor...I sat in the president’s conference room and listened to these students tell me about themselves, where they were from, what they were studying, and where they wanted to go in life, and I was deeply moved. They were me. They were me”

Colin Powell, Class of 1958

City College places the very highest value on the quality of education our students receive. Our students, in return, continue to astonish us with their commitment to learning everything the college has to offer - and with their ability to take that knowledge out into the world, creating new pathways for themselves and for those who will follow them to City College.

City College produces Nobel laureates, Truman and Rhodes Scholars, White House Interns, future CEOs and agents of change across the career spectrum. Our students continue to make us proud!

MARIANA OSORIO AND SUHA SULTAN

City College’s student body is made up of individuals from around the world who come to campus and become part of one unique, diverse student body. This past year, two of our international students won top prizes for their creative submissions to two international competitions.



NATIONAL AWARD WINNERS

Truman Scholarship

Claire Lynch
Political Science / Jewish Studies

Goldwater Scholarships

Paulina Librizzi /
Chemical Engineering
Ellianna Schwab / Physics

Boren Scholarship

Suprita Datta / International Studies

Woodrow Wilson School Junior Summer Institute Scholarship

Kyle Chin-How /
Political Science/Philosophy

White House Internship

Troy Blackwell /
Media & Comm. Arts

Critical Language Scholarship

Alina Shen / CUNY BA

NATO Internship

Ivann Kuz / Political Science

National Science Foundation Graduate Research Fellowships

Antonios Mourdoukoutas /
Biomedical Education/English
Elliana Schwab / Physics (Honorable Mention) /
Chemistry/English

Whitaker Fellowship

Christina Mowad /
Biomedical Engineering

Mellon Mays Undergraduate Fellowship

Timothy McGee / Black Studies/
Anthropology

Benjamin A. Gilman International Scholars

Eva Galvez
Briana Madrigal
Hannah McIntyre
Mohamed Morshed
Iaa Nadeem
Steven Planco
Rafiul Proshan
Katuska Roumenov
Elena Soktoeva
Jia Wen Tang
Lewis Tse

Humanity in Action Fellowship

Yana Shkabrova / Political Science/
Anthropology

For Marina Osorio (art and music, Division of the Humanities and the Arts) and Suha Sultan (biomedical engineering, Grove School of Engineering), were able to use their own uniquely personal experiences – their journeys from their homeland to the campus they call home – to tell a universal story. Osorio, a international student from Mexico, took the \$4000 top prize at the 2016 International Student Travel Video Contest for her entry “This Magic World.” The dreamlike sequence tells her story of leaving one of the most impoverished and dangerous states in Mexico to study music and art in the United States.

“I challenged myself to create something different with the hopes of continuing my dreams of studying in the United States, and using the prize to pay for some of my tuition,” said Osorio, who hopes to apply for The Kaye Scholars Program next semester.

Sultan’s entry for The 2nd Annual Study New York International Student “Why I Love Studying in New York” Photography Contest won in the campus photography category for her photo essay of the historic City College campus.

“I chose CCNY as an international student because of its reputation as a public college and its affordability,” said Sultan, a Bangladesh native. “I was interested in taking part in this contest because I knew I would be able to publicize CCNY to other international students if I won, and I wanted to share pictures of the beautiful campus with others who haven’t seen the college.”

ANA NAUMOVSKA, FRESHMAN

Ana Naumovska, a Jewish Studies major with no previous film experience, carries The City College of New York banner in this year’s Tribeca Film Festival with her short “So Help Me God.”



Born in Macedonia, Naumovska arrived in the United States in 2009 when her mother came to work at the United Nations. When her job ended, the family decided to stay in New York. Early on, Naumovska noticed the parallels between her displaced family and her homeland of two million still struggling after its break from the former Yugoslavia. She reflects that in “So Help Me God.”

The nearly six-minute experimental piece, which premiered on April 29th, was accepted by the Tribeca Film Institute in its “Our City, My Story” category.

“It emphasizes the importance of unity,” said Naumovska, adding that the film was inspired by true family events. She wanted to show the parallels between the fall of the former Yugoslavia and the displacement of people to emphasize on the importance of sticking together in times of hardship. “The unfortunate events that my family faced could have led us to division, but instead, by sticking together and working through our problems as one we were able to overcome a significant obstacle” says Naumovska.

TROY BLACKWELL, JR.

City College of New York senior Troy Blackwell spent the last months of the Obama administration in Washington, DC, as a White House intern. On Wednesday, Feb. 22, the Ad/PR and political science double major encouraged his City College peers to consider public service careers in a public conversation with them.

Blackwell returned to campus having spent the past semester interning in the White House’s Office of Public Engagement and Intergovernmental Affairs, working for Valerie Jarrett, the Office’s director and a senior advisor to President Obama.

The internship added to the Elmont, Long Island, resident’s many honors in his four years at CCNY. Blackwell’s other accolades include a Colin Powell Fellowship, a Weston Public Service Fellowship, the Art Stevens/PRSA-NY Scholar award, a Benjamin A. Gilman International Scholarship and a Stanford/CCNY Summer Research Program internship. After graduation Blackwell plans to pave a career that will allow him to his his communication skills to bridge the gap between public policy, social innovation and business.



ANTONIOS “ANDONI” MOURDOUKOUTAS

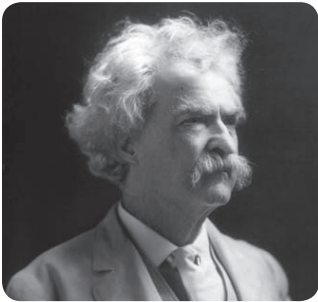
Mourdoukoutas, an NSF Graduate Research Fellowship recipient from the Macaulay Honors College, was selected as the 2016 City College of New York’s Valedictorian. The NSF Fellowship tops a long list of honors awarded to Mourdoukoutas during his time at City College and is considered the nation’s most prestigious federal grant for graduate research in the sciences.

Mourdoukoutas, the child of a single parent who raised her children while attending college classes, graduated with a BE in Biomedical Engineering and is currently studying bioengineering at MIT-Harvard and UC Berkeley-UC San Francisco. He is interested in studying neural stimulation to treat illness and and credits City College with helping him learn about the value of diversity of thought and lived experiences - an understanding he will take with him throughout his life. In his address to the graduating class, he quoted President Barak Obama saying that “we are not Black states, we are not White states, Latino or Asian states but the United States.”



LEADERSHIP

CITIZENS OF THE WORLD



“And then I thought – is there in any college of the land a chair of citizenship where good citizenship and all that it implies is taught?...You can begin that chair of citizenship in the College of the City of New York... That is where it belongs. ”

Mark Twain,
Opening Shepard Hall, 1907

City’s students and professors are indeed good citizens – citizens of the world in ways that Mark Twain couldn’t have anticipated but would surely have appreciated.

SCHOLASHIP AND THE PUBLIC CONVERSATION

Anne and Bernard Spitzer Chair in International Relations Rajan Menon is one of 32 international scholars to be selected as a Global Ethics Scholar by the Carnegie Council on Ethics in International Affairs for a simple reason: he is engaging not only our students, but also audiences around the world as a leading contributor to the public



Dr. Rajan Menon gives a TEDx Talk on how India and China are closing the gap between themselves and the Western world.

conversation about the most pressing issues in international affairs today. The author or editor of seven books and some 100 scholarly articles about great power relationships, he publishes frequent essays in the most important U.S and international media, including *THE NEW YORK TIMES*, *THE WASHINGTON POST* and *THE FINANCIAL TIMES*, and is a familiar commentator on National Public Radio ABC, CNN, and BBC. His work is supported by the Carnegie, Rockefeller and MacArthur foundations, as well as the Council on Foreign Relations. A true public intellectual, Professor Menon is unafraid to raise the hard questions – for example: does humanitarian intervention destabilize the very nations we’re trying to help? Menon writes for his professional peers, but more importantly, he writes to engage us all in the ideas and issues that matter to us as citizens of the world.

HELPING A DEVASTATED HAITIAN TOWN TO ITS FEET

Anse-Rouge is an extremely poor seaside town still struggling to accommodate those who fled Port-au-Prince after the 2010 earthquake. Lacking clean water, sanitation and electricity, the town’s salt harvesting barely provides a subsistence economy. Hillary Brown, director of the Spitzer School of Architecture’s Masters Program in Urban Sustainability, worked with her students to address this. Two of her seminar students, Sarah Bloomquist and Benjamin Leer, a recent graduate of the Powell School, and Carry Fils-Aimé traveled to Haiti. After studying the site, they presented their project to the Haitian Ministry of commerce and Industry. Entitled “Sea, Sun and Salt – a Circular Economy,” their proposal is an ambitious blueprint for an eco-industrial park to spur economic development that leverages simple technologies and local resources as well as cultural capital. Some work improving the quality of the salt is underway, and Professor Brown’s latest book, *Infrastructural Ecologies: Alternative Development Models for Emerging Economies*, was published by MIT press this Spring.



Professor Brown and her team on site in Anse-Rouge



Interim President Boudreau and Claire Lynch



Professor Hoskins

FINDING A NEW WAY TO GET STUDENTS EXCITED ABOUT SCIENCE

Would students better learn science from professional journal articles than from the same old mediated prose of standard science textbooks, written in a way that obscures scientific creativity, oversimplifies the research process and drains it of the joy of discovery? Developmental neurobiologist Sally Hoskins in the Department of Biology at City College thinks they would, and science teachers around the nation are paying attention. Dr. Hoskins developed CREATE – (Consider, Read, Elucidate the hypotheses, Analyze and interpret the data, and Think of the next Experiment) – a new teaching and learning strategy that uses the rigorous, real language of research to empower students to think like practicing scientists, and to excite them about who does science, and why. Now a national model, CREATE, supported by the National Science Foundation, has been adapted to introductory and advanced courses, from community colleges to the Ivy League. For her work Hoskins recently received the 2017 Genetics Society of America’s Elizabeth W. Jones Award for Excellence in Education.

CCNY JUNIOR SELECTED FOR PRESTIGIOUS PUBLIC SERVICE SCHOLARSHIP

Possessing a genuine sense of responsibility towards others and a confidence that she can make a meaningful contribution through service – not to mention a stellar academic record as a student in the Macaulay Honors College with a double major in political science and Jewish Studies – junior Clair Lynch was just named a 2017 Truman Scholar.

In the words of President Boudreau, “This is a tremendous accomplishment.” One of only 62 scholars chosen from 768 candidates from the best colleges and universities across America, Truman Scholars receive a \$30,000 scholarship toward graduate school and the opportunity to participate in professional development programming to help prepare them for careers in public service leadership. Claire’s interests and goals include working in refugee camps in the Middle East; she wants to work on the ground helping to run programs and handle logistics in tense and difficult settings. As for graduate school, Lynch is interested in migration, immigration, and refugee issues. She is considering a master’s in public policy, a master’s in Middle Eastern studies, or possibly law school. Neil Gorsuch, Bill de Blasio, Janet Napolitano... these are just a few Truman alumni. Clearly, the sky’s the limit for Claire Lynch.

THE ZAHN INNOVATION CENTER - A COMMUNITY OF CHANGE-MAKERS

A technology to stop the spread of counterfeit medications in developing nations...a smart technology to monitor New York City road conditions...a healthtech startup improving mental health in low-income communities...an ed-tech startup rethinking learning and field trips...a mobile app to connect you to people in your area with similar interests... What do these have in common?



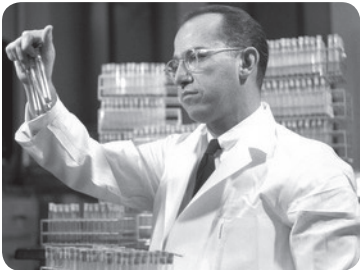
Each was developed by a group of CCNY students, faculty and community members at the Zahn Innovation Center, a startup incubator designed to build, grow and launch early stage startups – and all of them are being tested in the real world right now. The Zahn Center was established at CCNY by the City College Fund in 2012 through the generosity of alumnus Irwin Zahn '48 of the Moxie Foundation, teaching startups how to turn a great idea into a working company – and take it to market. It runs four venture competitions each spring, with \$150,000 in prizes, supported by Moxie, Harvey Kaylie '60 and Standard Chartered Bank. The Center offers co-working spaces, prototyping facilities, seed funding, mentorship and expert technical, marketing and financial instruction, and pairs students with startups and companies in NYC through a robust internship program. Its highly competitive program is open to students across campus. Since its founding, 155 businesses have been incubated. Startups have raised and earned more than \$12 million in capital and filed more than 26 provisional patents. What will they think of next?



Zahn Innovation Center students work on their presentation

RESEARCH & SCHOLARSHIP

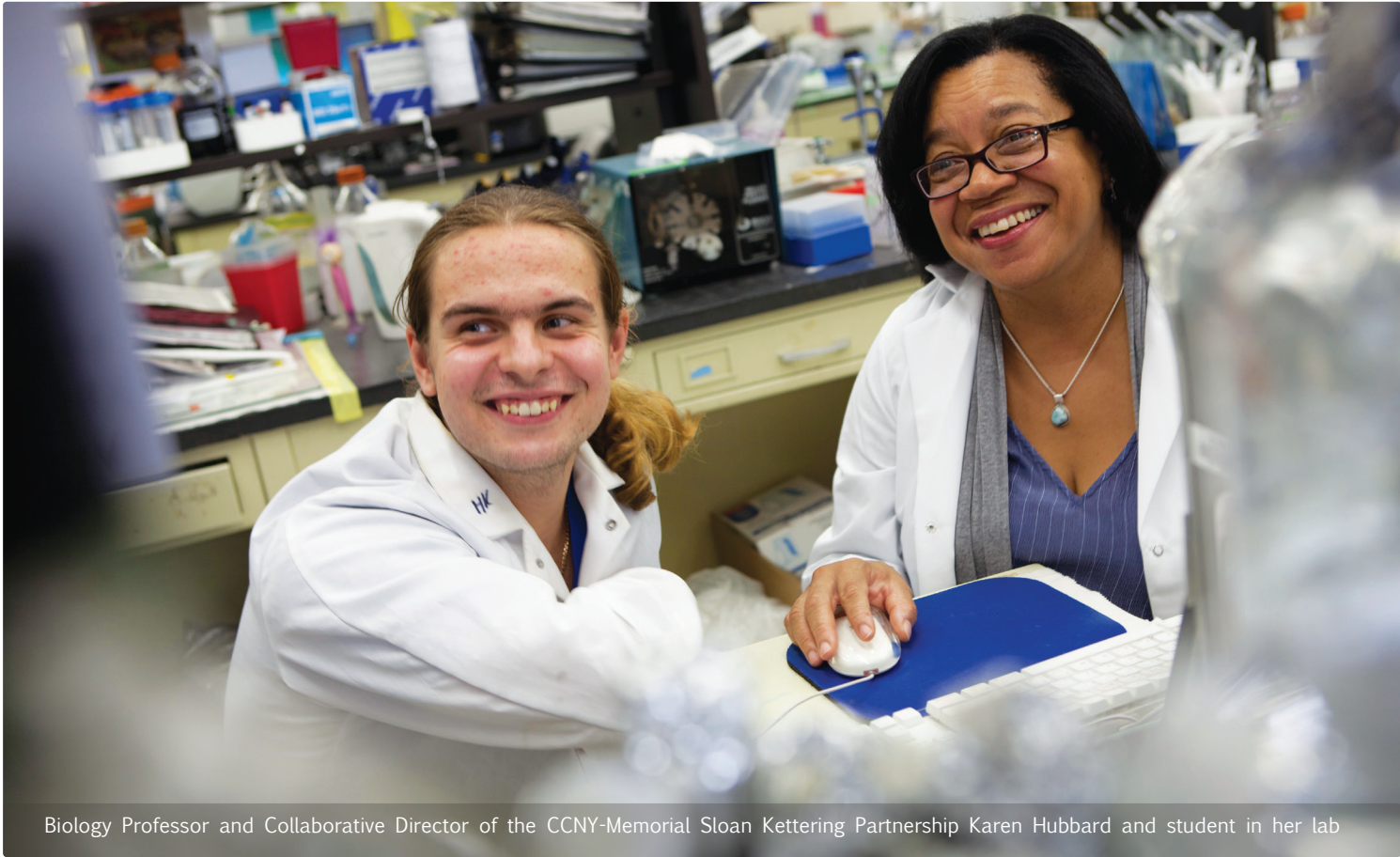
T H A T M O V E S U S F O R W A R D



“I feel that the greatest reward for doing is the opportunity to do more.”

*Jonas Salk,
City College Class of 1934,
upon accepting the Congressional Medal for Distinguished Achievement*

City College faculty members are the recipients of millions of dollars of state and federal funding, and produce scores of scholarly articles books, films, art exhibitions and more each year. Here are just a few examples.



Biology Professor and Collaborative Director of the CCNY-Memorial Sloan Kettering Partnership Karen Hubbard and student in her lab

\$15.5 MILLION TO PRODUCE MORE MINORITY SCIENTISTS AND ENGINEERS

Reza Khanbilvardi is CCNY’s NOAA Chair Professor of Civil Engineering. His research interests in satellite remote sensing, water resources and environmental natural hazards make him a natural choice for Director of the NOAA-CREST Cooperative Science Center at CCNY, where he is indeed “doing more.”



One of four national cooperative science centers established by the National Oceanic and Atmospheric Administration to train students in STEM fields – and the only one in the country in earth system sciences and remote sensing technology – City’s NOAA-CREST is the leader in preparing minority scientists and engineers in these fields, producing more than half of the program’s 486 graduates since its creation in September 2001. Over the last fifteen years the Center received direct funding in excess of \$60 million to advance NOAA sciences while educating underrepresented minorities in STEM fields of NOAA, including a new grant last Fall from NOAA’s Office of Education of \$15.5 million over five years do even more to build the country’s future workforce in a cutting-edge science and technology field. This large research grant makes a clear statement: not only do traditionally underrepresented minorities deserve the rigorous education that provides access to the highest levels of scientific achievement, but also, our nation needs their talents and their contributions.

NYC HAS UNIVERSAL PRE-K – NOW WHAT?

With its high-need and culturally very diverse school communities, New York City is home to some of the most challenging issues and innovative solutions in education – and City College Professor and Director of Graduate Programs in Early Childhood Education Beverly Falk is in the thick of it. A former classroom teacher and public school founder herself, last Spring Dr. Falk received a \$475,000 grant from the Foundation for Childhood Development to improve education for children from low income, immigrant and/or culturally diverse communities. Partnering with Teachers College at Columbia University, Dr. Falk will look at Pre-K classrooms across the city to find the most effective teaching practices in different settings, and make recommendations for teaching and educational policy, videos of teaching excellence, and curriculum materials that can be used by educators.



A PATH TO TREATMENT OF SPINAL CORD INJURY

For people with cervical spinal cord injuries, regaining hand function is the highest priority. John Martin, medical professor at the CUNY School of Medicine at City College studies how the brain’s motor circuits can be repaired after a spinal cord injury to control movement. Last Fall Dr. Martin received a \$4.27 million grant from the New York State Department of Health, bringing his research awards over the last 4 years to \$7.97 million in this area.

The goal of Martin’s latest project is to translate a promising therapy for improving arm and hand function after cervical spinal cord injury from animal models to humans. The approach uses combined brain and spinal cord stimulation to promote repair of residual nerve circuits to hand muscles. It involves a special pattern of brain stimulation that his lab has shown in animal studies to strongly activate the corticospinal tract, the most important nerve circuit for hand control, and promote the formation of new circuit connections. When combined with a small electrical current over the neck, connections are further strengthened to improve function after injury.

THE DEEP ROOTS OF THE DEBATE OVER IMMIGRATION



Foreign countries are not sending America their best, but “dumping” what one man called the “lazy, ungrateful, lying, and thieving”; the “outcasts”...should be “sent back”. These sentiments predate the presidential campaign of 2016 by 165 years.

In his fascinating new book, *Expelling the Poor: Atlantic Seaboard States and the Nineteenth Century Origins of American Immigration Policy*, (Oxford University Press, 2017), CCNY Visiting Assistant Professor of History Hidetaka Hirota shows that 19th-century America was not a land of “open borders” but one shaped by a strident nativism directed against the influx of Irish immigrants in the mid-1800’s, whom many in ugly jerimiands called “St Patrick’s vermin”. In the first sustained study of immigration control exercised by states before the introduction of federal immigration law in the late nineteenth century, Dr. Hirota challenges the long-standing idea that immigration was unregulated, and argues that opposition to it, born out of cultural prejudice and economic ideology, defined the development of US immigration policy in the 1800s and beyond.

TREATING THE BRAIN WITHOUT CHEMICALS OR SURGERY

Biomedical engineer Marom Bikson is internationally recognized for his design of medical devices that treat brain disorders such as depression and chronic pain, as well as brain injuries like stroke, and age-related cognitive decline. One invention, in a field called neuromodulation, uses low-intensity electricity to fortify and heal the brain without significant side effects, and can be used in the doctor’s office or at home.

Just last December The Grove School of Engineering professor received \$1.8 million dollars from the National Institutes of Health to continue his work, and he is now supported by over \$17 million in grants from NIH, New York State, and the Department of Defense aimed at revolutionizing the treatment of brain diseases. Dr. Bikson’s collaborators include over 200 leading medical centers in the U.S. and around the world, where devices developed in his group are tested. His lab at CCNY also provides services to industry partners in the medical device and consumer space, such as Boston Scientific and Google. Dr. Bikson’s research group is among the nation’s most productive in the design and testing of medical devices to treat devastating brain disorders.

SELECTED

RESEARCH GRANTS / BOOKS / CREATIVE PROJECTS

FACULTY BOOKS, FILMS, EXHIBITIONS

- Beyond Nation: Time, Writing, and Community in the Work of Abe Kōbō* (2016) - Richard Calichman, Modern Languages & Literatures
- Bones of Contention* (2017) Documentary by Andrea Weiss, Media & Communication Arts
- The Brooklyn Nobody Knows: An Urban Walking Guide* (2016) William B. Helmreich, Sociology
- The Conceit of Humanitarian Intervention* (2017) Rajan Menon, Anne and Bernard Spitzer Professor of Political Science
- Film Blackness: American Cinema and the Idea of Black Film* (2016) Michael Boyce Gillespie, Media and Communication Arts
- First Blacks in the Americas: The African Presence in the Dominican Republic* -Online bilingual history created by the CUNY Dominican Studies Institute
- How to Be a Stoic: Using Ancient Philosophy to Live a Modern Life* (2017) - Massimo Pigliucci, K.D. Irani Professor of Philosophy
- Memorials to Shattered Myths: Vietnam to 9/11* (2016) Harriet Senie, Art History
- Occupational Health Psychology: Work, Stress, and Health* (2017) Irvin Schonfeld, Psychology
- Ronit & Jamil* (2017)- Pamela Laskin, English
- Tattooed New York* (2017) Exhibition at the New York Historical society including 50 photographs by Ina Saltz, Electronic Design and Multimedia

- Vince Giordano: There’s a Future in the Past* (2017) Documentary by Dave Davidson, Media & Communication Arts
- Waterproofing New York* (2016) Denise Hoffmann Brandt & Catherine Sevitt Nordenson, Landscape Architecture

SPONSORED RESEARCH

- “A multi-dimensional spectroscopy technique for concentration measurements based on Raman and vector beams to detect Glucose, Cholesterol and enzyme in blood and sugar in food”
Principal Investigator: Robert Alfano, Science and Engineering
- “Wastewater and Centrate Treatment Project”
Principal Investigator: John Fillos, Civil Engineering
- “P“Initiative to Promote Academic Success in STEM Disciplines”
Principal Investigator: Jorge Gonzalez, Mechanical Engineering
- “Do single neurons need sleep and why?”
Principal Investigator: Felice Ghilardi, CUNY School of Medicine
- “Cellular and Molecular Basis of Development”
Principal Investigator: Jerry Guyden, Research Center in Minority Institutions
- “CCNY-Memorial Sloan Kettering Partnership for Cancer Research: Training and Community”
Principal Investigator: Karen Hubbard, Biology

- “Research and Training in Biochemistry, Biophysics and Biodesign for Undergraduates”
Principal Investigator: David Jeruzalmi, Chemistry and Biochemistry
- “Mechanical Engineeringphase 2 of Biological Control of Invasive Phragmites Australis”
Principal Investigator: Camille Kamga, Civil Engineering
- “Graph theoretical analysis of the effect of brain tumors on functional MRI networks”
Principal Investigator: Herman Makse, Physics
- “Collegiate Science and Technology Entry Program (CSTEP)”
Principal Investigator: Millicent Roth, Division of Science
- “Middle School Science Professional Development”
Principal Investigator: Richard Steinberg, Education
- “CREST Center for Interface Design and Engineered Assembly of Low-dimensional Systems”
Principal Investigator: Maria Tamargo, Chemistry and Biochemistry
- “Acquisition of Laser Doppler Vibrometers for a Computational Vibrometry System”
Principal Investigator: Jie Wei, Computer Science
- “Approaches to Diverse Fluoroorganics and Fluorinated Building Blocks”
Principal Investigator: Barbara Zajc, Chemistry and Biochemistry

This time we have to think and work in world situations, looking at the whole world and all of its people.“

Eleanor Roosevelt
at the invitation of B'nai Brith Hillel Foundation of CCNY, 1994

Over the past year and a half, City College has hosted more than 500 public events that address some of the greatest challenges facing us today, asking the hard questions, and celebrating our rich cultural heritage. Here are just a few.

MARCH 2016

3rd Annual Sternberg Family Lecture in Public Scholarship:

A Disrupted Foundation – Employment, School Retention, and Social Ties among Discontented Latino Youth

A distinguished panel of experts on Hispanic youth discusses what is happening in these often troubled communities today.

SEPTEMBER 2016

Reconciliation Projects: The Uses of DNA and Ancestry Research in Black Culture

Dr. Alondra Nelson, Dean of Social Science at Columbia University and the award-winning author of *The Social Life of DNA* talks about using genetic genealogy as a tool to address unfinished business of slavery and all it entails.

FEBRUARY 2016

Black Earth: The Holocaust as History and Warning

Dr. Timothy Snyder, Bird White Housum Professor of History, Yale University and author of *Bloodlands: Europe Between Hitler and Stalin* (2010), discusses his work.

Sosnoff Lecture on Art – Tania Bruguera

Cuban installation and performance artist Tania Bruguera discusses the relationship between art, activism, and social change.

APRIL 2016

The Louis Levine - Gabriella de Beer Lecture in Genetics

World-renowned geneticist Dr. Huda Zoghbi discusses her seminal discoveries about the genetic underpinnings of a number of devastating neurological disorders.

The Anne and Bernard Spitzer Lecture in International Relations: “The Destruction of Syria and the Crisis of Universal Values”

Michael Ignatieff, Centennial Chair at the Carnegie Council on Ethics and International Affairs, argues that the U.S., under the NATO umbrella, must come to the rescue of Syria.

OCTOBER 2016

What It will Take to End AIDS – A UN Perspective

Simon Bland, Director of the Joint United Nations Program on HIV and AIDS New York, explains what it will take to end AIDS.

DECEMBER 2016

The Chameleon Effect: Imitation, Emotion, and Mirror Neurons

Ruth Leys, historian of the human sciences discusses mirror neurons – the biological basis of empathy – and a key to understanding the social brain.

MARCH 2017

Forum: Advocacy on Immigration and Muslim Rights

Experts at the forefront of advocating for immigrant and Muslim rights discuss current laws and the protection of our students.

Conversations in Leadership: Weapons of Math Destruction

Former quant and data scientist Cathy O’Neil explains how big data increases inequality and threatens democracy.

MAY 2017

Harlem Children’s Theatre Festival

Children from the community come to campus to watch performances adapted by candidates in the School of Ed’s Graduate Program in Educational Theatre.

Transatlantic New York International Conference

Two-day conference to recover, document and evaluate the interactive work of Hispanic and Caribbean writers, artists, and journalists in New York.

NOVEMBER 2016

Conversations in Leadership: Jamie Dimon, Chairman of the Board and CEO of JP Morgan Chase

In charge of the largest American bank, Dimon shares life lessons in leadership with students and others.

Anthony Wright and the Innocence Project

Freed from prison after 25 years by the Innocence Project, Wright and his lawyer, Nina Morrison, discuss the important and on-going work of the Innocence Project.

FEBRUARY 2017

Black History Month: Harlem in the Media

Jerry Craft, syndicated cartoonist and illustrator, leads a panel discussion on how comics relate to the media portrayal of the community.

On Brainwaves and Videos and Video Games

CCNY Biomedical Engineering Professor talks about the science behind the discussion of what video games are doing to our children.

APRIL 2017

Skadden, Arps Lecture in Constitutional Law

David Cole, National Legal Director of the ACLU, discusses “Defending Liberty in the Trump Era.”

Anne and Bernard Spitzer Lecture by Dr. Jill Stein

The Green Party candidate for president in 2012 and 2016 talking about fighting for radical, progressive, sustainable solutions for a just society.

ENGAGING

THE COMMUNITY



“How do we share the limited resources that we have in a way that permits us all to live in harmony and with dignity, in the sense of a community that is inclusive and not exclusive of people and ideas and feelings?”

Justice Sonya Sotomayor
delivering the 2013 Rudin Lecture in The Great Hall

The educational work of the City College of New York has always been intimately related to the public sphere. For generations, political, cultural and economic leaders who reshaped our city and our nation received their formative education from CCNY, and imbued with a commitment to service from the campus, brought that commitment to the far corners of the earth. Today, engaged scholarship on campus moves that tradition forward. As a public institution, we address ourselves to the needs and concerns of the communities around us. As an institution shaping a new generation of young leaders, we are obliged to show them that our way forward—as a society, a nation and a world community—traverses a path of service to others and concern for the common good.



Today, we act on this mission, across our schools and disciplines, and across our Harlem campus and out into the very communities our students, faculty and staff call home. Some of the programs that have been developed on our campus began in the classrooms of a faculty and student body that is actively engaged in understanding our collective lived experience.

Change starts with our community - and for City College, that community is even more varied today than it was generations ago.



A Public Conversation about Testing and School Reform.
A panel discussion organized and moderated by Professor Terri N. Watson



Many of our programs are housed within academic units that reach out into other areas of campus, including:

The new Minor in Community Change Studies at the Colin Powell School, designed by Professor of Political Science John Krinsky, will teach students that while we may inherit the politics, the institutions, and the problems we face from previous generations, as students, we make our own history; they will learn to be creators of change in their communities, in the US, and across the world. And, by partnering with the Koch Community Scholars Program, we can offer students in the minor many opportunities to receive financial support in the form of scholarships while they learn to actively engage in the greater New York City community.

The City College of New York has long favored the “activist scholar,” meaning faculty who work hard to build connections between their research, the academy, and the pressing problems that impact local, national, and international communities. Conversations in Engaged Scholarship, an ongoing lecture series begun by Spitzer School of Architecture Professor Marta Gutman, showcases the work of faculty who bring together rigorous academic scholarship with the needs of changing communities. Recent lectures have featured David Lohman on Biodiversity Research in Tropical Asia: A Tale of Butterflies and Bureaucracy; Biology, Bounty and the Built Environment: How to Reset the Obesity Epidemic featuring CCNY alumnus from the Sophie Davis Class of 1983, Monica Skarulis, Sustainable Waste



Management: Impacts of Our Trash on Society with Marco J Castaldi, Associate Professor, Chemical Engineering Center Director, Earth Engineering Center at the Grove School of Engineering and the Politics and Social Issues in Young Adult Literature featuring

Engagement doesn’t end when the campus is closed for summer and winter sessions. In fact, our students, led by faculty experts from across the disciplines, often look for community engagement opportunities in locals as far away as South Africa, Costa Rica and the Dominican Republic through our study abroad programs. Many of our students have never had the chance to travel internationally; Study Abroad gives them entirely new perspectives on communities around the world, the chance to work closely with members of our faculty to develop critical thinking skills, and valuable research experience and a broader knowledge of how engagement takes shape differently in different cities, learning new languages and experiencing different cultures along the way. With more than 400 City College students traveling abroad each year, it is true that just about anywhere in the world you are, you will find City College.

In a different kind of community outreach, every year Pamela Laskin of the Department of English presides over the “Woodstock of the Spoken Word,” a Spring Poetry Festival that unites New York City public school students, college students, CCNY faculty and alumni, and guest artists of every poetic stripe, all reading their own work, and celebrating the expressive promise of our youth.

THANKS

TO OUR FRIENDS



“Academically, socially and politically, City College was a beacon of learning and growth for me and so many of my generation. It is time to give back, to give others the opportunity I had for a free or affordable quality education at CCNY. I am grateful I can do so.”

*Stuart Katz, Esq.,
City College Class of 1964
Council, Fried, Frank, Harris, Shriver and Jacobsen
on establishing an endowed professorship in Humanities and the Arts*



City College has always been an integral part of New York City’s collective fabric. Our very name embodies this: we are both in the city and of it. As a uniquely New York institution, we draw support from the City, from those who live here, and from those who love it. The generosity of these donors-their commitment to the city, and to the City College-humbles us. Even in the days of free tuition in the CUNY system, individuals and foundations that desired that City College grow and thrive committed their good wishes and material support to that end.

Each time we thank a donor-each time we reflect on the collective weight of your philanthropic support to our institution-we are humbled.

During this past year, as area newspapers began to report possible financial mismanagement on campus, we began quietly to transform the process by which we review every financial transaction, and to also open records, covering the past several years, to the scrutiny of the campus community and other stakeholders. We strongly believe that the good and proper stewardship of our donors’ intentions is critically important to everything we do at City College. We also understand that when questions about the probity of our philanthropic operations arise, we too must rise to the meet the lofty standards set by this historic college. As we steward your generous gifts, we safeguard that proud legacy.

Over the past few months, we changed the way our development and communications offices work and work together. Over that time, I came to believe that these departments-often far removed from one another in the very recent past-desperately needed to more extensively collaborate. And they have done so, in a more consistent way. As we watched them develop a smoother and more effective approach to their work, we decided to merge the two departments outright, and obtained approval from from CUNY authorities to constitute them as a new department, the Office of Institutional Advancement and Communications. The new team, made up both of professionals who are new to the campus, and those now celebrating decades of CCNY service, look forward to developing new ways to engage, recognize and promote the outstanding activities that happen on our campus each day.

They also look forward to a revitalized stewardship program. We understand that part of the thank you process begins with truly engaged stewardship of each donation, and a strict adherence to the guidelines set by both our donors and best practices in the field. We are grateful to each person who has trusted the campus with your time, your donations and your leadership.

Earlier in the report, as you read about the truly breath-taking amount of research and scholarship that takes place on our campus, we hope you know that the work we do can only be accomplished with your support.

For too long, we looked at philanthropy as something that other schools and campuses did, but we learned, during the launch of \$1 billion campaign for the CUNY system, that the most generous individuals come from right here - from our campus alumni network, from the local Harlem community and from New York City as a whole. We also learned that to be a place that people wanted to invest in, that we had to also be a place that could handle that investment.

This past year has taught us a lot. One of the most important lessons was that you have never doubted the importance of this college to the future of this city and you have never wavered in your conviction that a City College education is singularly one of the best investments that can be made.

Our students know that they are learning from the best. They know that because of the strong foundation that City College provides, they will continue to grow as leaders in their chosen fields. And they know that this means that they have a headstart on changing their lives, and the lives of their families, their communities. This power radiates outward from 138th and Convent, to touch the lives of people we will never meet.

That is what your support does for our campus. With the cost to educate students rising, and with the ability of states to maintain balanced budgets in the face of rising need, the generosity of our extended City College family allows us to provide unique opportunities for learning, including study abroad travel and faculty research stipends, and to support the enhancement of our campus infrastructure.

THE CUNY CAMPAIGN

As the flagship campus of the City University of New York, City College played a lead role in the \$1 billion campaign in support of higher education needs for our campuses. Started in 2008, the City College campaign has raised over \$410 million for scholarship, research, program development and campus infrastructure, and we are grateful to our supporters who have contributed at the President’s Circle Level (lifetime giving of \$1 million or more). In addition, it takes a large and connected network of leaders to continue to build a campus that is now celebrating its 170th year and for that, we are grateful to each of our supporters. The faces you see in this report are here, in large part, because of the work we do together to support their educational journey. The alumni and supporters of The City College of New York have over the last 170 years changed the world. Today, they are building their successor generation.

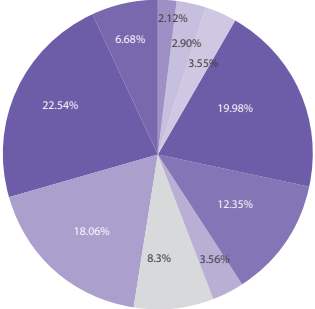


CCNY

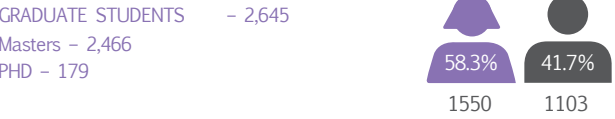
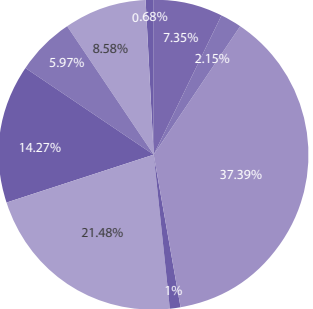
A T A G L A N C E

ENROLLMENT

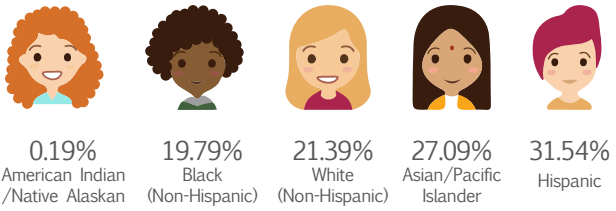
Spitzer School of Architecture	: 2.12%
Biomed	: 2.90%
Education	: 3.55%
Grove School of Engineering	: 19.98 %
Humanities & The Arts	: 12.35%
Interdisciplinary A&S	: 3.56%
Sciences	: 8.3%
Colin Powell School for Civic and Global Leadership	: 18.06%
Undeclared	: 22.54%
Non-degree/Permit	: 6.68%



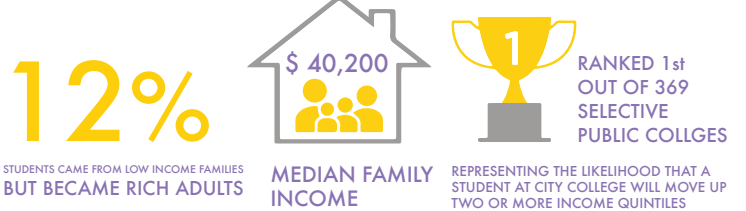
Spitzer School of Architecture	: 7.35%
Medical School	: 2.15%
Education	: 37.39%
Interdisciplinary A&S	: 1%
Grove School of Engineering	: 21.48%
Humanities & The Arts	: 14.27%
Sciences	: 5.97%
Colin Powell School for Civic and Global Leadership	: 8.58%
Non-degree/Permit	: .68%



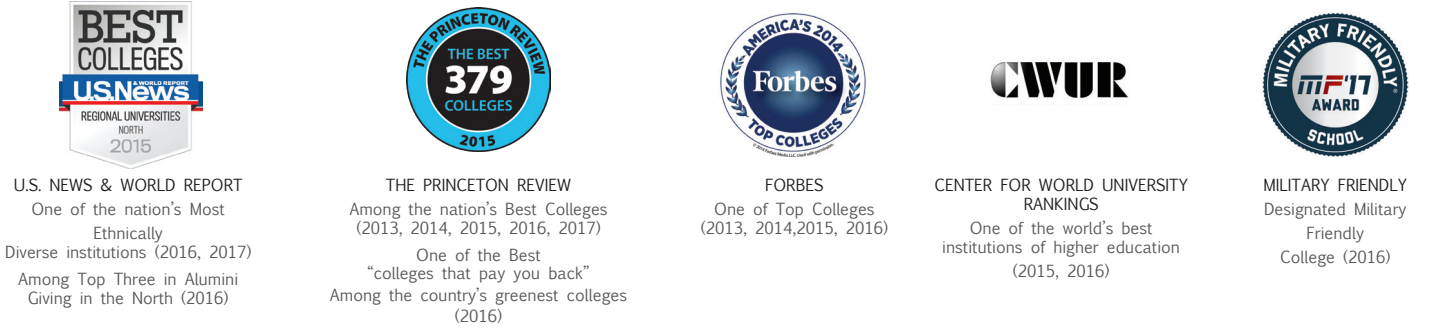
ETHNICITY



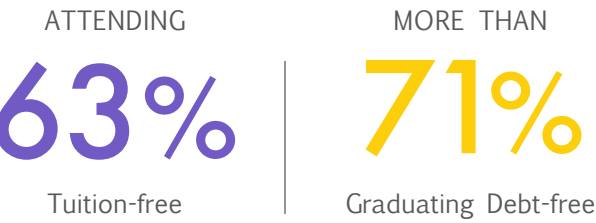
SOCIAL MOBILITY



NATIONAL RANKING



STUDENTS ATTENDING TUITION-FREE/DEBT-FREE (2015)



Source : CUNY Office of Student Financial Aid. Students attending tuition-free counts those who pay no out-of-pocket costs for tuition because it is covered by Pell and TAP grants.

SPONSORED RESEARCH 2015-16

