

#### DEAR FRIENDS,

As we came to the close of our *Rising to the Challenge* campaign, the excitement was palpable — not simply because we met or exceeded nearly every goal we set, but because we did so in single-minded service to our mission.

The numbers from this campaign are astounding: 1,600 volunteers; more than 878,000 individual gifts from 279,000 generous donors; \$1.69 billion in new endowment funding, including 267 endowed professorships and 159 endowed undergraduate scholarships; \$610 million in graduate and undergraduate student financial aid; and more than \$2.8 billion in support of medical research and programs. In the end, we raised a total of \$6.015 billion.

But the real story of this eight-year long endeavor — the defining moments and stunning leaps forward for our institution — lies behind the numbers; it is in the fueling of interdisciplinary and cross-divisional research work, the investment in our people, the focus on daunting global and societal challenges, and the commitment to our home city of Baltimore.

Nearly 22 percent of the funds raised in this campaign — more than \$1.3 billion — are advancing research that spans more than one discipline and supporting faculty as the intellectual capital of the university. Indeed, every major initiative of this campaign holds both endowed professorships and interdisciplinary scholarship among its key elements.

In addition, an unprecedented commitment to the humanities and social sciences, with \$300 million raised, has helped to broaden Johns Hopkins' already formidable reputation in the natural and biological sciences. With more than \$100 million for the humanities alone, this campaign is charting a new course for the future of arts and sciences at our university. Breadth in academic excellence is critical, too, for attracting our extraordinary students, whose upward trajectory now situates us as the third most selective university in the nation. And the commitment of our donors to student aid increased dramatically in this campaign, helping our



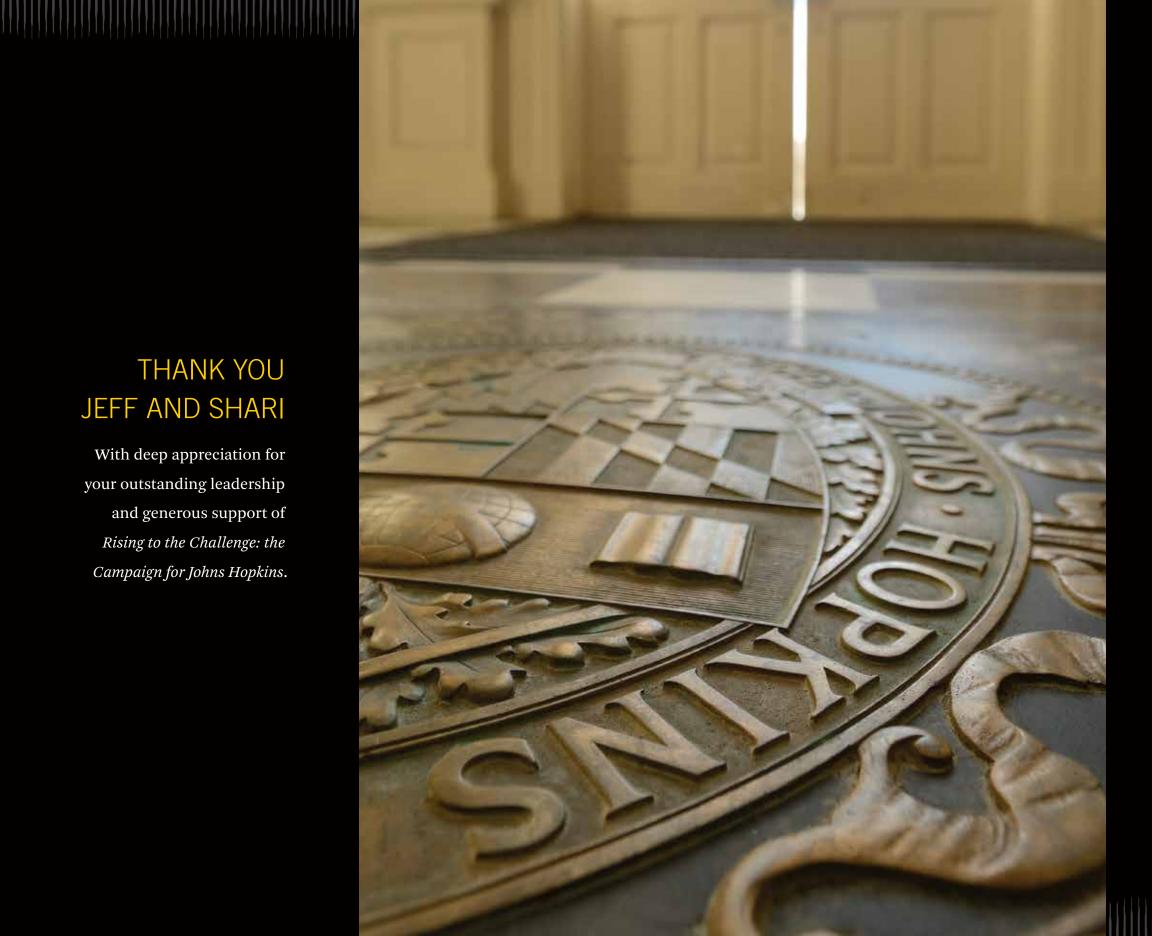
competitiveness and increasing accessibility for students and families from all backgrounds.

This campaign also stands as a testament to our missiondriven focus on urgent challenges to human health, well-being, and opportunity. Close to home, we've been able to invest in programs that strengthen and sustain our city in areas such as education, health care, economic development, and the arts. Across our country, this priority is reflected in the work we do to address drug addiction, obesity, gun violence, adolescent health, and environmental threats. And in our hospitals, clinics, and laboratories, we have advanced pathbreaking research and patient care for chronic and acute diseases affecting millions at home and around the world.

Of course, these flights of audacious imagination would simply be impossible were it not for you. Your volunteer leadership, your advocacy on our behalf, and your extraordinary generosity inspire and guide us in building a better, safer, more humane world.

On behalf of all of us, thank you for all you do each day to help us rise to every challenge and imagine a brighter future for us all.

Ronald J. Daniels PRESIDENT, THE JOHNS HOPKINS UNIVERSITY



## THANK YOU JEFF AND SHARI

With deep appreciation for your outstanding leadership and generous support of Rising to the Challenge: the Campaign for Johns Hopkins.

## YOUR PARTNERSHIP, WHICH HAS TOUCHED EVERY JOHNS HOPKINS CAMPUS, HAS TRANSFORMED OUR INSTITUTION.

By creating the Aronson Center, establishing two professorships, and launching the Community Internship Impact Program, you are building lasting resources that will empower us to reach new levels of excellence and touch lives in Baltimore and worldwide. Your support represents crucial investments in cross-disciplinary research and healthier communities that will serve as a catalyst for our faculty and students to accomplish the extraordinary. We are deeply grateful for your commitment to these important endeavors.







### IT IS BECAUSE OF YOU

that the people of Johns Hopkins are making a positive impact every day, around the world — pursuing discoveries, enhancing patient care, and delivering new knowledge for the benefit of humankind.

Through your support for endowed professorships and cross-disciplinary research, you helped to promote innovation and to ensure that Hopkins continues to lead by example as we tackle today's challenges and anticipate tomorrow's.

Your commitment to improving patient care and protecting the public's health means that our clinicians, nurses, and researchers are fighting disease on every front and working to provide a safer, healthier world for all. By investing in promising young scholars, you helped to ensure that the brightest minds continue to be drawn to Johns Hopkins, and you can be certain the benefits of a Hopkins education will be shared with the world.

Your generosity has been essential to the success of the *Rising to the Challenge* campaign, and we thank you.



Jeffrey H. Aronson, A&S '80, Parent '13 and '15

CHAIR, THE JOHNS HOPKINS UNIVERSITY BOARD OF TRUSTEES

TRUSTEE, JOHNS HOPKINS MEDICINE

#### David C. Hodgson

CHAIR, JOHNS HOPKINS MEDICINE BOARD OF TRUSTEES

CHAIR, EX OFFICIO, JOHNS HOPKINS HEALTH SYSTEM BOARD OF TRUSTEES

CHAIR, EX OFFICIO, THE JOHNS HOPKINS HOSPITAL BOARD OF TRUSTEES

VICE CHAIR, EX OFFICIO, THE JOHNS HOPKINS UNIVERSITY BOARD OF TRUSTEES

# FUELING DISCOVERY

Research — the search for and creation of new knowledge — was the life force of Johns Hopkins University from the very beginning. In the 19th century, the university was at the vanguard of a revolution in American higher education. Today, America's first research university is a national and international

leader, fueling d knowledge for th We are pioneerin engages the wor side with them.

This hands-on approach means that our faculty and students learn with and from each other, sharing what is discovered with the world.



Today, America's first research university is a national and international leader, fueling discovery across disciplines and delivering new knowledge for the benefit of humankind.

We are pioneering a new model for cross-disciplinary research that engages the world's top researchers and places students side by

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\$368.3 MILLION RAISED FOR BUILDINGS AND FACILITIES



**BLOOMBERG DISTINGUISHED PROFESSOR ARTURO CASADEVALL** (CENTER) MEETS WITH UNDERGRADUATE BLOOMBERG **SCHOLARS AT A RECENT** NETWORKING EVENT.

#### BLOOMBERG DISTINGUISHED PROFESSORSHIPS: DEEPENING OUR CAPACITY FOR COLLABORATION

The Bloomberg Distinguished Professorships (BDPs) are the cornerstone of an ambitious effort to advance cross-disciplinary work across Johns Hopkins University.

Made possible through a landmark gift from alumnus, philanthropist, and three-term New York City Mayor Michael R. Bloomberg, Engr '64, the BDPs are allowing Johns Hopkins to deepen the university's capacity for interdisciplinary research, bring new leaders and their ideas to our campuses, and train new collaborative scholars from first-year students to post-docs.

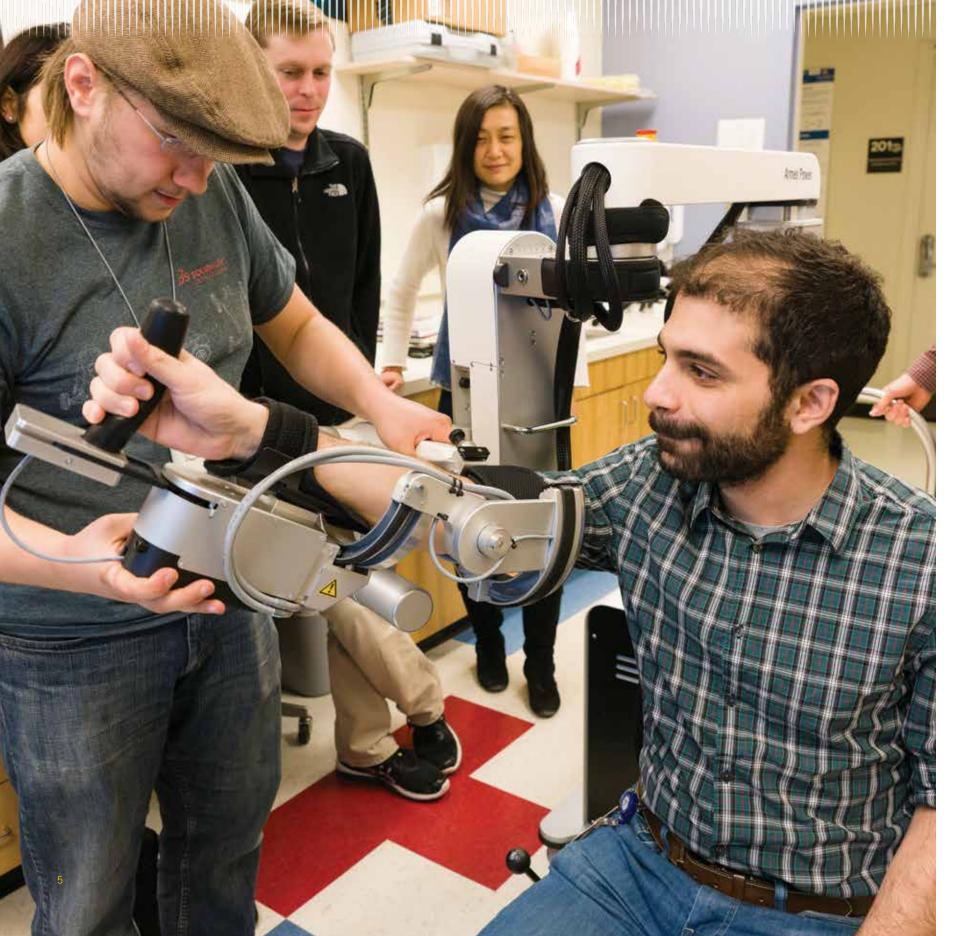
BDPs are already working with hundreds of undergraduate students, exposing these future leaders to new modes of thinking and discovery while building intellectual bridges, breaking down academic siloes, and serving as a model for the future of academia at Johns Hopkins and around the world.







BLOOMBERG DISTINGUISHED **PROFESSORS CROSS DISCIPLINES AND** SPAN ACADEMIC **DIVISIONS.** 



#### THE MALONE CENTER: COLLABORATIVE BY DESIGN

The Malone Center for Engineering in Healthcare brings together engineers, clinicians, and health care providers to help speed innovation and its impact on society by integrating research-based advances with practical applications.

Established through the support of Whiting School alumnus John C. Malone, Engr '64 (MA), '69 (PHD), the center is housed in Malone Hall, a world-class academic research facility that provides critical collaborative space for faculty, clinicians, and students. In addition, Malone's generosity supports a series of professorships, 10 to date, to fund faculty engaged in cross-disciplinary research — from explorations into the use of computer gaming technology to help stroke patients recover via interactive therapeutic games to developing algorithms that help predict which hospital patients are at the greatest risk of septic shock before they display symptoms.

Innovation in health care is a "team sport," says Greg Hager, Mandell Bellmore Professor and founding director of the Malone Center. "We have to build a culture of working together on a continuing and sustained basis to have real impact... We aim to make Johns Hopkins the national leader for technology innovation in health care."

> (LEFT) MALONE CENTER RESEARCHERS WORK TO DEVELOP A ROBOTIC ARM TO AID IN STROKE PATIENT RECOVERY.



(ABOVE) MALONE HALL IS HOME TO ENGINEERS AND SCIENTISTS FROM MANY DISCIPLINES WORKING SIDE BY SIDE.

#### THE HENRY A. KISSINGER CENTER: AN INCUBATOR FOR IDEAS AND TRAINING

Today's global leaders face daunting challenges, from crises in the Middle East, Ukraine, and the South China Sea, to financial shocks and negotiations over trade and global warming. Addressing these challenges will require a new generation of leaders and thinkers who are able to grapple with complexity, draw on the lessons of history, and think strategically about the United States' role in the world.

Inspired by the vision and support of Michael R. Bloomberg — and with a combined \$50 million in philanthropic funds from a group of founding donors — the Johns Hopkins School of Advanced

International Studies (SAIS) launched the Henry A. Kissinger Center for Global Affairs in 2016 to address this need. The Center has already attracted a worldclass faculty, including 10 distinguished scholars in international affairs.

"This multidisciplinary cluster of brilliant minds in international affairs will collaborate in designing a more integrated curriculum and mentoring young professionals," says SAIS Dean Vali Nasr. "They will also have a significant impact on policymaking."

The Center has already launched an innovative curriculum and begun new programs aimed at incubating fresh ideas and training in international affairs - with the aim of creating productive exchanges between serious academic scholarship and policy-making.

"It's important to extend the study of international relations from dealing with the immediate the underlying causes."

Henry A. Kissinger

FORMER SECRETARY OF STATE HENRY A. KISSINGER WITH MICHAEL R. BLOOMBERG



symptoms of the issues to



BLOOMBERG DISTINGUISHED ASSOCIATE PROFESSOR VESLA WEAVER (LEFT) INVITES VISITORS TO EXPERIENCE THE HOPKINS PORTAL. WEAVER USES PORTALS TO STUDY POLICE-COMMUNITY RELATIONS.

#### THE STAVROS NIARCHOS FOUNDATION AGORA INSTITUTE: REINFORCING DEMOCRACY'S CORNERSTONE

The SNF Agora Institute, established in 2017 through a transformational gift from the Stavros Niarchos Foundation, will forge new ways to address the deterioration of civic engagement worldwide, and facilitate the restoration of open and inclusive discourse that is the cornerstone of a healthy democracy. The institute draws its inspiration from the agora of ancient Athens. That central space in the life of the city was originally a marketplace and grew to become a hub of conversation and debate. It was the heart of the Athenian city-state's democratic governance and an early manifestation of public engagement.

The institute's academic anchor will bring together tenured faculty and visiting scholars from a diverse array of fields, practices, ideologies, and backgrounds. Interdisciplinary research will delve into contemporary vulnerabilities in modern democratic discourse — how citizens are informed, debate, and engage with each other and with government. Researchers will also create new approaches to fostering dialogue and social engagement on divisive issues.

One such example — The Hopkins Portal — appeared on the Homewood campus. A radiant, gold-painted shipping container connected visitors in Baltimore with portals in other cities for prearranged connections — with Gaza City to discuss emergency response design; with Erbil, Iraq, to share solutions to the refugee crisis; and with Milwaukee to study police-community relations. In a comment book, one visitor wrote, "Thank you for making the world a smaller, more compassionate place for all of us."



RENOWED ARCHITECT RENZO PIANO, RIGHT, WHO HAS BEEN SELECTED TO DESIGN THE SNF AGORA INSTITUTE BUILDING, ENGAGED IN A COMMUNITY DIALOGUE ON THE HOMEWOOD CAMPUS.

## PROMOTING AND PROTECTING HEALTH

healthier future for all.

We are the community hospital for East Baltimore even as we are a destination for patients from across the nation and around the globe. These patients are seeking world-class care, but they are also seeking hope, a hope that is founded in trust and built on our commitment to excellence in clinical care.

At the same time, we are investing in education and empowering advocates to help develop the next generation of public health leaders and clinicians, individuals who will lead the charge to take on chronic illnesses like stroke and diabetes as well as chronic issues like addiction and gun violence.

RAISED IN SUPPORT **CALCED IN CONTROL OF MEDICAL RESEARCH** AND PROGRAMS

Johns Hopkins leads locally and globally in efforts designed to improve care, combat disease, protect public health, and deliver a



#### THE SKIP VIRAGH OUTPATIENT CANCER BUILDING

Opened in 2018, The Skip Viragh Outpatient Cancer Building represents the future of cancer medicine. A clinical enterprise that is second to none, it honors the spirit, dedication, and vision of Skip Viragh — a Maryland mutual fund investment leader, philanthropist, and pancreatic cancer patient who was treated at Johns Hopkins. Viragh died of the disease in 2003, and the Viragh Family Foundation made this new facility a reality.

With an increasing amount of cancer treatment provided in the outpatient setting, the Skip Viragh Building serves as a vital new hub for the cancer services and clinical research of the Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins. The facility is the embodiment of team science and precision medicine, providing care to more than 180 patients daily. In addition to the new Under Armour Breast Health Innovation Center, the building houses diagnostic and treatment planning for new patients, as well as multidisciplinary clinics where patients benefit from a wide range of coordinated surgical, medical, radiation, and other consultations and services provided in one- to two-day visits.

Skip Viragh sought to ensure that all cancer patients had access to the very best care, and the Skip Viragh Building brings that vision one step closer to reality.

THE GROUND FLOOR ATRIUM HOLDS A PATIENT WELCOME CENTER FEATURING CHECK-IN KIOSKS AND A PATIENT LOCATING SYSTEM TO STREAMLINE EACH STOP DURING THE VISIT AND DECREASE WAIT TIMES FOR PATIENTS.



THE SHEIKH KHALIFA STROKE INSTITUTE WILL ADVANCE PRECISION MEDICINE IN STROKE CARE WITH RESEARCH PROJECTS INCLUDING MAGNETIC STIMULATION, ROBOTICS, AND STEM CELL THERAPIES.

#### THE SHEIKH KHALIFA STROKE INSTITUTE

About one-third of people who have strokes die each year, accounting for 5.5 million people worldwide. Of the survivors, two-thirds are left with a disability. To address this daunting health issue, the United Arab Emirates made an extraordinary gift to establish the Sheikh Khalifa Stroke Institute at Johns Hopkins.

With locations in Baltimore and Abu Dhabi, this groundbreaking institute builds upon Johns Hopkins' leadership in the treatment of stroke and other neurological conditions. Top clinician-scientists will be able to address the challenges of stroke directly, furthering their pioneering work in neurology and neurosurgery, while leveraging advances in biomedical engineering, artificial intelligence, and precision medicine.

The Sheikh Khalifa Stroke Institute houses two centers of excellence, one which will focus on analyzing the genetic underpinnings of stroke and developing new interventions and another that will focus on new approaches to treatment, recovery, and rehabilitation. Together, these two centers will make an impact on the lives and health of millions around the world.



"This new institute will not only generate better outcomes for stroke patients in the UAE and the U.S. but will also strengthen opportunities for collaboration between UAE and U.S. scientists and researchers. We are grateful to Johns Hopkins for their continued leadership in patientcentered medicine and are proud of our longstanding partnership."

Yousef Al Otaiba UAE AMBASSADOR TO THE UNITED STATES

"Ending all cancer would rank among humanity's greatest achievements, and immunotherapy is bringing that dream within reach."

Michael R. Bloomberg



#### THE BLOOMBERG~KIMMEL INSTITUTE FOR CANCER IMMUNOTHERAPY

In 2016, Johns Hopkins launched the Bloomberg~Kimmel Institute for Cancer Immunotherapy — a groundbreaking new venture devoted to the most rapidly advancing approach to cancer treatment and one of the most promising avenues of cancer research today. The new institute was established thanks to two transformational gifts — one from Michael Bloomberg and one from Sidney Kimmel, founder of Jones Apparel Group and long-time pioneering advocate of cancer programs at Johns Hopkins. Additional funding for the center was contributed by more than a dozen supporters.

Immunotherapy seeks to redirect patients' highly individual immune systems to target, detect, and destroy cancer cells — and researchers say it has the potential to cure and end all forms of cancer. In its first years, the Bloomberg~Kimmel Institute already has strengthened Johns Hopkins' world-class program in cancer immunology, uniting the Johns Hopkins Kimmel Cancer Center experts with the immunology, genetics, microbiology, and biomedical engineering experts throughout Johns Hopkins in a concentrated effort involving more than 100 scientists and clinicians.

Researchers at the Bloomberg~Kimmel Institute have reported discoveries in the treatment of advanced melanoma, prostate cancer, and more — and their work is only beginning.



FORMER VICE PRESIDENT JOE BIDEN, WHO LED THE OBAMA ADMINISTRATION'S "MOONSHOT" INITIATIVE TO CURE CANCER, WAS ON HAND FOR THE BLOOMBERG~KIMMEL INSTITUTE'S LAUNCH IN 2016.

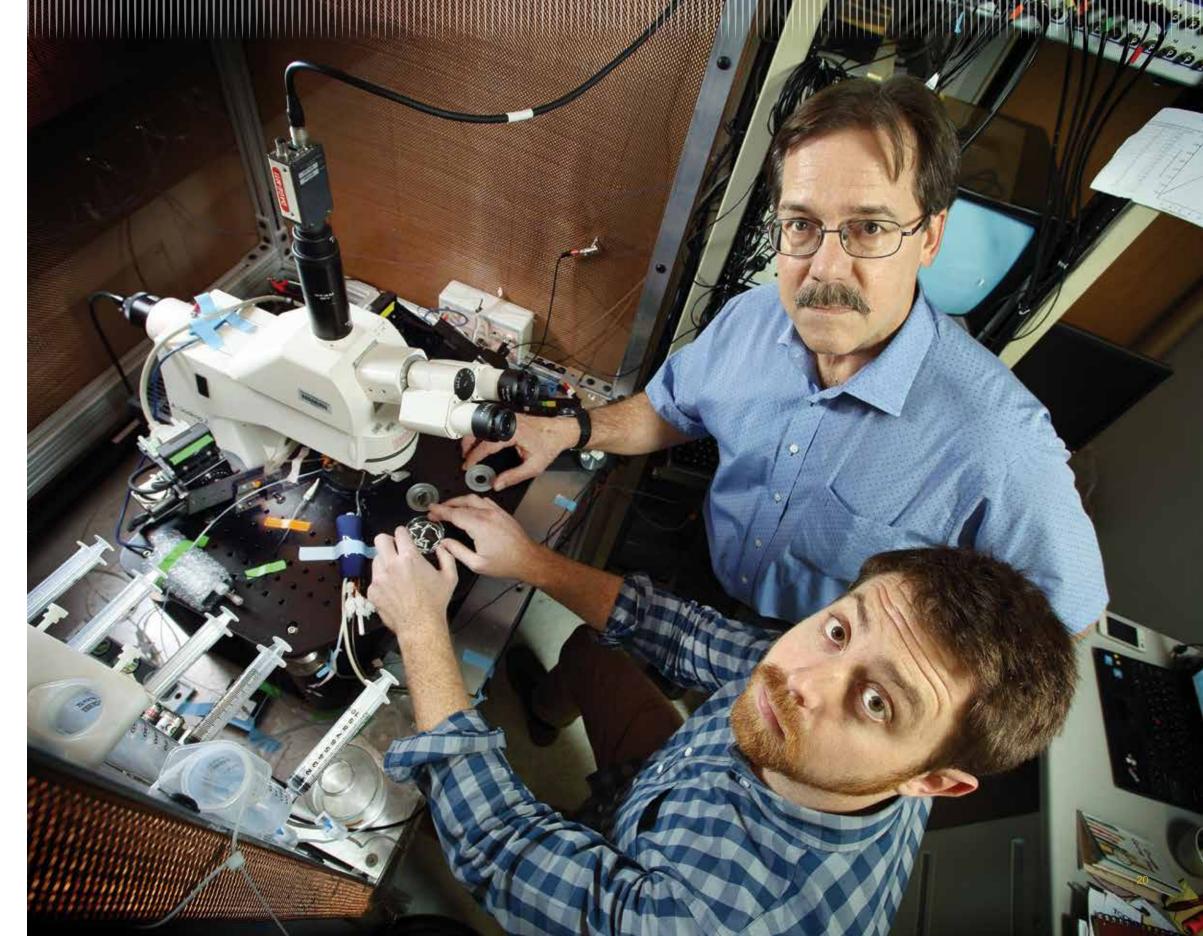
#### THE DAVID M. RUBENSTEIN HEARING CENTER

According to the National Institutes of Health, almost 25 percent of Americans ages 65 to 74 and 50 percent of those who are 75 and older have a disabling form of hearing loss. Nearly 15 percent of Americans between 20 and 69 have high-frequency hearing loss due to noise exposure. To address this widespread issue, the David M. Rubenstein Hearing Center is integrating clinical care and research to help restore functional hearing in people with congenital and acquired hearing loss.

Established through the generosity of university and medicine trustee David M. Rubenstein, the center will focus on system-based hearing restoration. The revolutionary new hearing center will be located within the Department of Otolaryngology–Head and Neck Surgery, and will integrate care and research from the Division of Otology and Neurotology, the Division of Audiology, and the Listening Center, including new trials for hearing devices, coordination of care lines across providers, and enhanced patient outreach and family education.

Rubenstein states, "These promising areas of research will hopefully get us closer to helping people with hearing loss and deafness. The sense of hearing is a precious gift, and we need to step up our efforts to ensure we help those in need."

> PAUL FUCHS AND STEPHEN ZACHARY, MED '17 (PHD), HAVE STUDIED THE CONNECTIONS OF SENSORY CELLS AND NERVE CELLS IN THE INNER EAR OF AGING MICE WITH THE HOPE OF APPLYING THEIR RESEARCH TO NEW TREATMENTS FOR AGE-RELATED HEARING LOSS.





#### THE LERNER CENTER FOR PUBLIC HEALTH PROMOTION

Sid and Helaine Lerner are long-time friends of the Bloomberg School of Public Health. Sid is also the founder of the Monday Campaigns — a nonprofit initiative that dedicates the first day of each week to health and offers weekly prompts to support behavioral changes. Building on the success of this program, which is touching countless lives in dozens of

countries, the Lerners made an incredible commitment to create the Lerner Center for Public Health Promotion at Johns Hopkins.

Since its founding in 2014 as part of the Bloomberg School's Department of Health, Behavior, and Society, the Lerner Center has been working to develop more programs like the Monday Campaigns, applying effective, evidence-based messaging and public education to promote healthier behavior in communities around the world. In addition to leading training programs for students and faculty, the center develops, evaluates, and promotes public education initiatives through traditional, new, and social media as well as entertainment education programs.

From providing mindfulness resources for public school teachers to championing text messaging intervention for weight loss to creating new avenues for smoking, the Lerner Center continues to support the critical work of turning public health evidence into public health action.

MONDAY MILE IS A WEEKLY GROUP WALK THAT HELPS EVERYONE START THE WEEK OFF RIGHT BY MOVING TOGETHER - PROMOTING PHYSICAL ACTIVITY AND TEAM ENGAGEMENT.

#### THE BLOOMBERG AMERICAN HEALTH INITIATIVE

The Bloomberg American Health Initiative (BAHI) was developed with the most ambitious of goals: to transform the national approach to modern public health challenges.

Established by a momentous gift from Bloomberg Philanthropies, this pioneering new institute aims to develop innovative strategies that will help Americans live longer, healthier lives. In the 20th century, scientists and doctors made groundbreaking strides against polio and other infectious diseases; in the 21st century, BAHI seeks to make those same types of strides in five specific areas: obesity and the food system, addiction and overdose, risks to adolescent health, environmental challenges, and violence.

BAHI provides significant funding for fellowships, scholarships, and research. Already, its faculty and students are undertaking a wide swath of innovative work from strengthening addiction treatment to harnessing data to promote healthier behavior to channeling the activism of Baltimore's youth.

The gift to create BAHI coincided with the 100th anniversary of the founding of the Bloomberg School of Public Health. It not only honors the school's history and legacy, but also provides unprecedented opportunities to make an even greater impact on health for generations to come.

> THE NEXT GENERATION OF PUBLIC HEALTH LEADERS: THE INAUGURAL CLASS OF THE BAHI FELLOWS ON THE STEPS OF THE BLOOMBERG SCHOOL OF PUBLIC HEALTH.



SUPPORTING SCHOLARS Applied curiosity and learning by doing: These have always been hallmarks of a Johns Hopkins education. We are working to ensure that the best ideas and the people behind them have the support they need.

In the lab, in the classroom, and in the field, we are providing more than just moral support to today's researchers and scholars and lighting the way to welcome the next generation.

In the words of Daniel Coit Gilman, founding president of Johns Hopkins, "We do not ask from what college, or what state, or what church they come; but what do they know, and what can they do, and what do they want to find out."

**159** NEW ENDOWED UNDERGRADUATE SCHOLARSHIPS

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"To understand politics, you have to interact with the people who experience the politics as they are, not as you assume them to be."

> Sarah Parkinson, A&S '04 ARONSON ASSISTANT PROFESSOR OF POLITICAL SCIENCE AND INTERNATIONAL STUDIES

## SOLVING GLOBAL PROBLEMS, TRAINING FUTURE LEADERS: THE ARONSON CENTER

The Aronson Center for International Studies, created through the generosity of Shari and Jeff Aronson, A&S '80, Parent '13 and '15, is a bridge between the Krieger School of Arts and Sciences and the Nitze School of Advanced International Studies (SAIS). The center allows scholars at both schools to collaborate more closely to develop solutions to today's global problems while enhancing each school's capacity for training new generations of global leaders to take on future challenges.

Support for two Aronson Professorships — held by Adria Lawrence, PhD, and Sarah Parkinson, PhD — has fueled cross-disciplinary research into topics ranging from the Middle East to comparative politics, international economics, and conflict resolution. The center is also supporting new undergraduate experiential learning and study abroad grants, opportunities for Krieger School undergraduates to study at SAIS, and fostering shared scholarly projects.

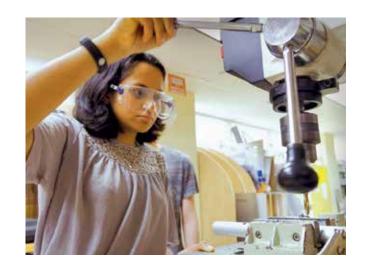
SARAH PARKINSON'S RESEARCH EXAMINES SOCIAL CHANGE AND BEHAVIOR DURING TIMES OF WAR.

#### PREPARING ENGINEERING SUPERSTARS: THE CLARK SCHOLARS PROGRAM

The Clark Scholars Program — the largest endowed scholarship gift ever given to the Whiting School of Engineering — is ensuring that the next generation of engineering superstars will choose Hopkins, and, once here, have access to a one-of-a-kind educational opportunity.

Established through a remarkable gift from the A. James and Alice B. Clark Foundation, the Clark Scholars Program provides financial aid to talented engineering students and prepares them for leading roles in engineering and business. Clark Scholars not only receive the exemplary academic experience Hopkins is known for, but also benefit from leadership training, community service opportunities, business management and entrepreneurial skills development, and a community of students who share interests and can inspire and support each other.

The inaugural cohort of 10 Clark Scholars will graduate in 2020. From there — with potential unlocked and training in hand — they will go on to change the world through innovative engineering solutions.



CLARK SCHOLAR SHREYA NARAYAN, CLASS OF 2021, WORKED IN THE UNDERGRADUATE DESIGN TEAM, AMBUMATE, DURING HER FRESHMAN YEAR TO DEVELOP A WALKER THAT MAKES IT EASIER TO TRANSPORT MULTIPLE MEDICAL DEVICES HOOKED TO PEDIATRIC PATIENTS, ENCOURAGING YOUNG PATIENTS TO MOVE.









"The Levi family's generosity will dramatically expand our capacity to prepare leaders who will take on the most pressing and morally challenging bioethics issues of the day, and who will work to effect change when and where it is most needed."

Jeffrey Kahn ANDREAS C. DRACOPOULOS DIRECTOR OF THE JOHNS HOPKINS BERMAN INSTITUTE **OF BIOETHICS** 

#### TRAINING THE FUTURE LEADERS OF BIOETHICS

With an extraordinary investment, Alex and Vicki Levi are setting the stage for the next exciting era for the Berman Institute of Bioethics. Alex is a trustee emeritus of the University and chair of the institute's national advisory board, and this gift continues the legacy of support that the Hecht-Levi family has provided Johns Hopkins University for more than half a century.

The Levis have been key partners of the Berman Institute since its inception, and their generosity will establish the Ruth R. Faden Endowment for Education in Bioethics. Named in honor of the institute's founding director, the endowment will provide ongoing permanent support to fully fund the prestigious Hecht-Levi Postdoctoral Fellowship Program. The Levis' generosity will provide tuition support for students in Berman's master of bioethics program; research and conference travel support for students in the doctoral track in Health Policy and Ethics; and leadership training support to selected highly qualified fellows and students through the Ruth Faden Scholars Program.

The Faden endowment will provide vital backing to train future leaders in the field of bioethics while ensuring that the institute continues to serve as a premier location for collaborative scholarship and teaching on the ethics of clinical practice, public health, and biomedical science.

LEFT TO RIGHT: ALEX AND VICKI LEVI, **RUTH FADEN. AND JEFFREY KAHN** 



#### ELIMINATING HEALTH DISPARITIES IN BALTIMORE AND BEYOND: THE BROWN COMMUNITY HEALTH SCHOLARSHIP PROGRAM

Chronic diseases and health conditions are often overrepresented in minority communities. To combat this problem, Sylvia and Eddie Brown created the C. Sylvia and Eddie C. Brown Community Health Scholarship Program. Located in the Bloomberg School of Public Health, the program is creating a cadre of dedicated public health scholars — young leaders who are committed to eliminating these health disparities in Baltimore and other urban centers.

The Browns have been longtime supporters of the Bloomberg School, and the program provides doctoral students with tuition, a stipend, research support, and faculty mentorship. Through support for these scholars, the Browns hope to train leaders who will invest their passion and knowledge back into the community in order to make a significant, transformative impact.

low-income populations locally and beyond Baltimore. Current and former scholars' efforts have ranged from studying ways to improve breast cancer screening programs among black Medicare beneficiaries to increasing the availability of healthy food options in inner cities and pursuing justice for communities exposed to hazardous pollution.

Since its establishment, more than a dozen individuals have graduated as Brown Scholars and done just that, working to improve the health and quality of life of underserved, vulnerable, and



**EDDIE AND SYLVIA BROWN** 

(LEFT) AS A BROWN SCHOLAR, **DESMOND FLAGG, SPH '16 (PHD),** SOUGHT TO ELIMINATE FOOD DESERTS IN URBAN NEIGHBORHOODS.

"Our School of Medicine 125th Anniversary Scholarship Initiative has been a chance to reaffirm our commitment to eliminating cost as a barrier for those whose dream it is to study medicine." Paul B. Rothman, M.D. FRANCES WATT BAKER, M.D., AND LENOX D. BAKER JR., M.D., DEAN OF THE MEDICAL FACULTY

#### CELEBRATING HISTORY, INVESTING IN THE FUTURE: ALUMNI GIVE BACK TO THE SCHOOL OF MEDICINE

The cost of a medical education in the 1970s, when Paul Chew, A&S '73, Med '77, attended the Johns Hopkins School of Medicine, wasn't nearly as daunting as it is today. But he fondly remembers the feeling when an administrator took him aside to tell him he'd qualified for a scholarship.

"I was so grateful for that helping hand," says Chew, now the chief medical officer for digital health firm Omada Health. "That little bit of cheer, little bit of support, goes a long way to making a great doctor."

Chew's gratitude to Hopkins for helping launch his career motivated his gift to endow a scholarship as part of the School of Medicine's 125th anniversary in 2018.

The current cost of attendance is nearing \$80,000 annually, and the top reason students turn down Hopkins is because financial aid packages are more generous at peer institutions like Harvard and the University of Pennsylvania. The scholarship initiative will help ensure that outstanding medical students experience the Hopkins culture, which cultivates the best of research, education, and patient care. Alumni have played a critical role in opening Hopkins' doors to those future physicians by taking part in the anniversary scholarship initiative.

#### "PHILOSOPHY MATTERS": THE WILLIAM H. MILLER DEPARTMENT OF PHILOSOPHY

There is no medical challenge, technical advance, or academic pursuit that does not benefit from philosophical perspective. Thanks to a groundbreaking commitment from William H. Miller III, the Johns Hopkins Department of Philosophy will build on its history of excellence and blaze new trails in a field of study that affects all other disciplines.

Miller, the legendary investor, founder and chairman of Miller Value Partners, and best known for beating the Standard & Poor's 500 with his Legg Mason fund for a record 15 consecutive years, backed the department with an extraordinary investment. His gift in support of providing this opportunity to others is believed to be by far the largest ever to a university philosophy program and is the largest to Johns Hopkins for any department in the humanities.

Miller's gift will enable the department to broaden and intensify faculty research, graduate student support, and undergraduate study of philosophical thought. The contribution will also help to grow the department, nearly doubling the size of the full-time faculty; endowing a chair for the department; endowing eight additional professorships; establishing support for junior faculty members; and providing support for graduate and postdoctoral students.

> BILL MILLER PARTICIPATED IN A "PHILOSOPHY DAY" GATHERING OF INTELLECTUALS AND EXPERTS TO KICK OF THE EXPANSION OF THE DEPARTMENT.





"I attribute much of my business success to the analytical training and habits of mind that were developed when I was a graduate student at Johns Hopkins. I am delighted to be able to show my gratitude by helping to move the department to its rightful place among the best in the country."

William H. Miller III

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#### CONWAY SCHOLARSHIPS: SAVING THE WORLD, ONE NURSE AT A TIME

A rapidly aging American population and large numbers of nurses expected to retire in the coming years are just two factors giving rise to the major nursing shortage facing the United States. With support from the Joanne and William Conway Endowed Nursing Scholarship Fund, established in 2013, Johns Hopkins is taking aim at this looming problem.

More than 70 School of Nursing students have received Conway Scholarships, enabling them to impact the Baltimore community, explore their potential for nursing leadership, and engage in health care research.

"Over the last couple of semesters, I had the opportunity to go on a lot of clinical rotations," says Meredith Kerr, Nurs '18 (MSN). "At the end of a clinical day, I feel like I've had an opportunity to make a huge difference in someone's life."

The Conways' philanthropy also provided partial support for 10 full-time clinical instructors, who bring evidence-based practices into the classroom. In addition it also helped advance faculty initiatives like the Mindful Ethical Practice and Resilience Academy, which addresses moral distress — a leading cause of nurse burnout.

#### R. CLAYTON EMORY CHAIR IN REAL ESTATE AND INFRASTRUCTURE: ADVANCING REAL ESTATE EDUCATION

Clay Emory, A&S '56, has had a long and successful career as a real estate developer and served for many years as an advisor to the Real Estate and Infrastructure program at the Carey Business School. His generous gift to the school was made with one goal in mind: to further support Carey's commitment to advancing real estate education.

The R. Clayton Emory Chair in Real Estate and Infrastructure is the first philanthropically funded professorship at the school and is providing essential support for inaugural chair Ko Wang, who leads what has grown to become the largest academic training program of its kind.

Professor Wang has taken up that goal and is invigorating the efforts of the department, which has both a master's of science and an MBA program, a unique offering that allows it to encompass academic rigor and tactical business training. This makes it an attractive option for students looking for diverse courses that will increase their marketability in the industry.

"To have someone like Clay Emory investing in our program is a vote of confidence. We're doing something right here, and someone in the industry has recognized that."

> Ko Wang R. CLAYTON EMORY CHAIR IN REAL ESTATE AND INFRASTRUCTURE

> > 6

#### PROFESSOR KO WANG SERVES AS THE R. CLAYTON EMORY CHAIR IN REAL ESTATE AND INFRASTRUCTURE.





## THE NANCY H. HALL CURATORSHIP OF RARE BOOKS AND MANUSCRIPTS

When his wife passed away in 2015, Bob Hall, Engr '55, established the Nancy H. Hall Curatorship of Rare Books and Manuscripts at the Sheridan Libraries in her honor. Nancy had worked as an elementary school teacher, a school speech pathologist and audiologist, and a museum docent; Bob described the curatorship as an "in-perpetuity extension" of her lifelong devotion to educating others. Bob was no stranger to the importance of endowed support for faculty, as he and Nancy had established the Hall Professorship in Humanities in 2005, now held by Krieger School professor Shane Butler.

Earle Havens, PhD was formally installed as the inaugural Hall Curator in 2016. In this position, he builds and cares for world-class collections, publishes scholarly work on early print and manuscript culture, teaches courses, and creates paths into the digital humanities, all in an effort to understand the ways historical texts were represented to their original audiences.

The curatorship guarantees that there will always be someone at the libraries who can connect students and faculty with historical artifacts. In addition, the curator-scholar position expands what the libraries can do by increasing opportunities for partnerships and projects to enhance the university's reputation as a leader in the digital humanities.

AS THE FIRST HALL CURATOR, EARLE HAVENS (LEFT) FOCUSES HIS RESEARCH ON EARLY MODERN EUROPEAN PRINT AND MANUSCRIPT CULTURE WHILE CARING FOR UNIQUE BOOK COLLECTIONS.

#### PEABODY DIVERSITY FUND: EQUALIZING ACCESS AND OPPORTUNITY

Long-time Peabody Institute supporters Rheda Becker and Robert E. Meyerhoff have established the Peabody Diversity Fund, enabling more students than ever before to obtain world-class training while enriching Peabody and Hopkins by helping to create a diverse community.

The couple's gift will be used to create a new scholarship for students from underrepresented populations in the renowned Peabody Conducting program, additional full scholarships for talented Baltimore City youth in the OrchKids and Tuned-In Programs to attend the Peabody Preparatory, and to strengthen support for Peabody's Baltimore Scholars, a Hopkins-wide program that provides tuition support for high-achieving city public school graduates. Dean Fred Bronstein will also be able to use the fund to



ROBERT MEYERHOFF (SEATED) AND RHEDA BECKER HAVE GIVEN GENEROUSLY TO SUPPORT STUDENTS IN THE LEON FLEISHER PIANO STUDIO, IN ADDITION TO THE PEABODY DIVERSITY FUND. MEYERHOFF AND BECKER ARE SHOWN HERE WITH LEON FLEISHER.

address the challenge of attracting under-represented faculty and staff to Peabody, providing teacher role models for students and making the institute accessible to new audiences through outreach programs.

For a student choosing whether to pursue their passion for music, the many facets of this fund will make all the difference.

(RIGHT) SCHOLARSHIPS FROM PEABODY HAVE ALLOWED BASSOONIST AND BALTIMORE NATIVE MATEEN MILAN, CLASS OF 2019, TO COMMIT HIMSELF TO CULTIVATING HIS ARTISTIC ABILITIES AND A LIFE OF MUSIC-MAKING.



## "Change can come, but it has to be nurtured."

Rheda Becker PEABODY NATIONAL ADVISORY COUNCIL MEMBER

The university and hospital that bear Mr. Hopkins' name stand today as reminders of the power of philanthropy and the incredible reach that generosity can have. And they are reminders of our duty to carry this legacy forward.

Mr. Hopkins' bequest was an extraordinary gift to students and faculty he would never meet and patients he would never know. It was a promise to the people of Baltimore that has only expanded over time. We are working to keep that promise every day, in the city of our founding and around the world.

## STRENGTHENING COMMUNITIES

## nd hospital that bear Mr. Hopkins' name stand ers of the power of philanthropy and the incredib

O NER ZATIONS RVED THROUGH NS IN ACTION **7,000** STUDENT AND FACULTY **VOLUNTEERS** FOR THE PRESIDENT'S DAY OF SERVICE

#### THE HENDERSON-HOPKINS SCHOOL: AN ANCHOR FOR EAST BALTIMORE

In June 2018, more than 300 students, families, staff, and community members poured onto the recreation field at Elmer A. Henderson: A Johns Hopkins Partnership School, marking the end of a successful academic year. The Family Fun Day was the first of its kind at the school, but it's exactly the kind of event Johns Hopkins President Ronald J. Daniels envisioned when he and partners from Baltimore City Public Schools and Morgan State University celebrated the school's opening in 2014.

The Henderson-Hopkins School, as it's better known, was the first new school in two decades to be built in East Baltimore, just north of Johns Hopkins Hospital, thanks to initial funding from the Windsong Trust. The eight-acre campus encompasses the Harry and Jeanette Weinberg Early Education Center and a K-8 school operated by Johns Hopkins School of Education, in partnership with Morgan State, and espouses a holistic approach to education. A health suite staffed by students and faculty in the Hopkins School of Nursing and the Baltimore City Health Department advises students and their families on health and nutrition. Students can take part in music enrichment activities led by Peabody Conservatory students. A family resource center is used for lectures and meetings, parenting presentations, job training, and more.

"We are committed to delivering on our promise to create an excellent education for our students in East Baltimore, a vision that includes fostering a diverse and active community dedicated to supporting students and families," says Henderson-Hopkins Principal Peter Kannam, Ed '99 (MSEd).

> HENDERSON-HOPKINS PRINCIPAL PETER KANNAM GREETS STUDENTS ON THE FIRST DAY OF SCHOOL.



"One of the reasons I came to Hopkins is because we focus on using evidence-based solutions to tackle the world's most difficult problems. It's important that we also turn that focus toward the city in which we work."

> Paul Ferraro, PhD **BLOOMBERG DISTINGUISHED PROFESSOR**

## SMALL ACTS, BIG IMPACT

Planting trees and pruning gardens. Picking up trash on the banks of the Patapsco River. Painting walls in local schools. Pitching in during neighborhood clean-ups. You'll find the Hopkins community hard at work throughout Baltimore City throughout the year.

One of these opportunities comes in the form of the annual President's Day of Service. Once an orientation activity to acquaint first-year students with Baltimore, the day is now a chance to engage the full campus community and enhance Hopkins' impact on its surrounding neighborhoods. With generous support from the Hopkins Parents Fund, more than 1,000 Hopkins people serve dozens of sites across the city each year.

Likewise, Johns Hopkins in Action (JHiA) emerged from the Rising to the Challenge campaign as a yearly event that would unite the charitable drive of the Hopkins community with the resources of non-profit organizations in the mid-Atlantic. Since its inaugural year in 2013, JHiA has grown into an international affair held throughout the year with 90 participating organizations to date.

"One of the reasons I came to Hopkins is because we focus on using evidence-based solutions to tackle the world's most difficult problems. It's important that we also turn that focus toward the city in which we work," said Paul Ferraro, a Bloomberg Distinguished Professor with joint appointments in the Whiting School of Engineering and Carey Business School, as he joined efforts in the fourth annual JHiA to clean up the Patapsco River.

Ferraro is one of many Bloomberg Distinguished Professors who have volunteered over the years in Baltimore with his family and colleagues. "The first step in helping Baltimore is to know the city, and the first step in knowing the city is to be engaged with it and understand its problems," he said.

Whether it's helping at food banks, sorting donated books, or tending gardens, these events give Hopkins volunteers the opportunity to engage with local communities and deliver an immediate, positive impact.

**STUDENTS CLEAN A COMMUNITY GARDEN AS** PART OF THE PRESIDENT'S DAY OF SERVICE.

## THE PRESIDENT'S DAY OF SERVICE AND JOHNS HOPKINS IN ACTION:

KATHERINE CONNOR MD, MSPH, WORKS AS THE MEDICAL DIRECTOR OF THE RALES HEALTH CENTER AND FOCUSES HER EFFORTS ON MAKING HIGH-QUALITY PEDIATRIC PRIMARY CARE ACCESSIBLE TO CHILDREN AND FAMILIES.

#### THE RALES HEALTH CENTER: HEALTHIER STUDENTS, HEALTHIER LIVES

Children with chronic illnesses, who depend on inhalers and injections, are more likely to miss school and fall behind academically. How do these childhood health problems, particularly among low-income children, thwart their long-term success? And what interventions could be made to ease their paths?

These are questions the Ruth and Norman Rales Foundation sought to answer when they partnered with the Johns Hopkins Children's Center in 2014 to create the first fully integrated school-based health program in the United States. Students in KIPP Baltimore's two public charter schools now have access to a full-time clinic for acute and primary health care and wellness services, including immunizations; vision, dental, and hearing screening; mental health counseling; and programs that promote healthy behaviors.

Of the more than 1,500 students enrolled at KIPP Baltimore, nearly 70 percent are enrolled in the Rales school-based health center. Through the start of the 2017-18 academic year, the center conducted more than 3,000 screenings for body-mass index, vision, or asthma; and provided more than 100 in-school optometry exams and 200 pairs of glasses. The Rales Center for the Integration of Health and Education will evaluate and disseminate this new approach, showing how this integrated model can bolster academic and social performance throughout childhood and into adulthood.

"When they opened, they were very intentional about getting to know the students just as young people first, and building relationships with students and their families, and figuring out the best treatment for them," said Sherrell Savage, a KIPP parent, in 2017. "When my kids walk in there, they know the nurses, and the nurses all know them by name."





"The Parkway represents an important opportunity to enhance Baltimore's developing role as a creative hub and will bring a landmark back to the community."

> Andreas Dracopoulos JOHNS HOPKINS UNIVERSITY TRUSTEE

#### THE STAVROS NIARCHOS FOUNDATION PARKWAY THEATRE: REJUVENATING A LOCAL LANDMARK

Roughly 150 movie theatres dotted Baltimore's landscape during the golden age of American cinema. But nearly a century later, most of them have vanished. When the opportunity to save one — the Parkway Theatre at the corner of Charles Street and North Avenue in Baltimore's growing arts and entertainment district arose, Johns Hopkins stepped up. With support from the Stavros Niarchos Foundation, Hopkins, and the Maryland Film Festival, the Parkway was restored to its former glory. The grand opening included a red-carpet rollout featuring Baltimore entertainment luminaries like David Simon, creator of "The Wire," and John Waters, writer/director of "Hairspray."

"The Parkway represents an important opportunity to enhance Baltimore's developing role as a creative hub and will bring a landmark back to the community," said Andreas Dracopoulos, co-president of the Stavros Niarchos Foundation and a Johns Hopkins University trustee.

The SNF Parkway Theatre boasts a two-tier, 414-seat main auditorium and two 83-seat screening rooms, all featuring state-of-the-art projection and sound technology. It's now home base for the annual Maryland Film Festival each May and hosts independent films and events yearround. The Parkway is also dedicated to supporting up-and-coming filmmakers in Baltimore, housing seminar space for students in the film studies programs at Hopkins and the Maryland Institute College of Art.



WITH AN EXPANDED ENTRANCE AND LOBBY AREA, THE SNF PARKWAY THEATRE ATTRACTS VISITORS TO THE GROWING ARTS SCENE ON BALTIMORE'S NORTH AVENUE.

### THERE IS STRENGTH IN NUMBERS,

and your overwhelming support for *Rising to the Challenge* has made Johns Hopkins even stronger and demonstrated just how much we can achieve when we work together! Thank you for your support; thank you for your generosity; and thank you for believing in the power of Johns Hopkins and in the potential of our people.

With more than 279,000 donors making more than 878,000 gifts, you have helped to transform Johns Hopkins and helped the people of Johns Hopkins — faculty, clinicians, and students — to make a positive and lasting impact on the world.

From the practice room to the operating theater, from inside cells to the outer reaches of our solar system, the people of Johns Hopkins are creating, healing, exploring — rising to tackle today's great challenges and leading the way to what comes next...

Your commitment to Johns Hopkins makes so much possible today and will help pave the way for untold achievements and discovery in the future. We truly could not have done this without you, and we are deeply grateful for your support. Thank you.



**Charles I. Clarvit,** *A&S '78* TRUSTEE, THE JOHNS HOPKINS UNIVERSITY CO-CHAIR, RISING TO THE CHALLENGE: THE CAMPAIGN FOR JOHNS HOPKINS

Heather H. Murren, A&S '88, Parent '18 and '21 TRUSTEE, THE JOHNS HOPKINS UNIVERSITY TRUSTEE, JOHNS HOPKINS MEDICINE CO-CHAIR, RISING TO THE CHALLENGE: THE CAMPAIGN FOR JOHNS HOPKINS

Mayo A. Shattuck III, *Parent '21* TRUSTEE, THE JOHNS HOPKINS UNIVERSITY VICE CHAIR, JOHNS HOPKINS MEDICINE BOARD OF TRUSTEES

TRUSTEE, JOHNS HOPKINS HEALTH SYSTEM CO-CHAIR, RISING TO THE CHALLENGE: THE CAMPAIGN FOR JOHNS HOPKINS

## JOHNS HOPKINS