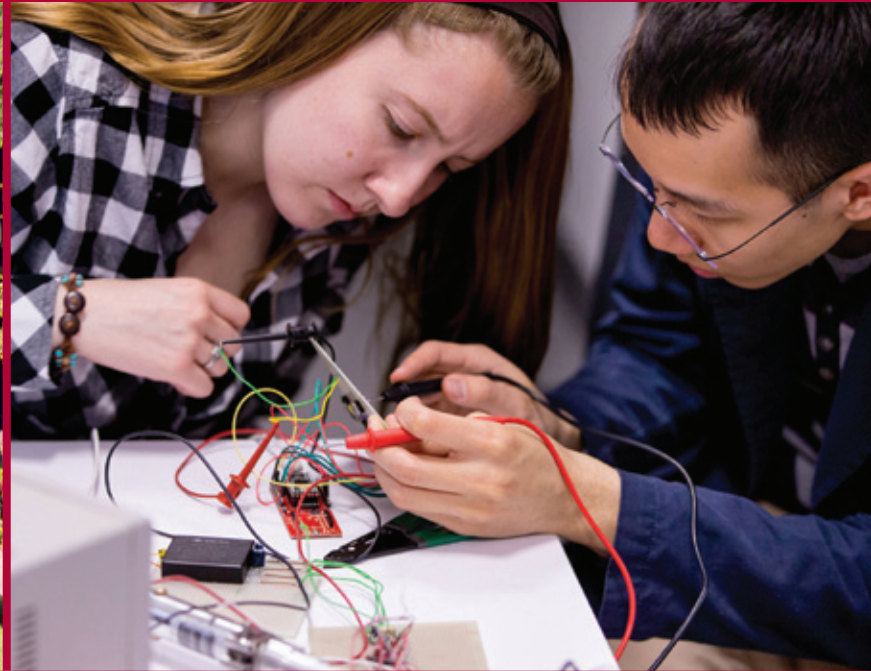


THE POWER OF STEVENS

OUR CAMPAIGN. OUR IMPACT.

CAMPAIGN NEWS AND HIGHLIGHTS – FALL 2019



Dear Alumni and Friends,

This fall semester, the feeling on campus is electric. More than 1,000 undergraduates have started their Stevens journeys, alongside 24 new faculty members. We are breaking in the impressive Gateway Academic Center, and construction continues on the Student Housing and University Center project that will transform Castle Point.

We are also looking forward to our sesquicentennial beginning next February and lasting through 2021. During our 150th anniversary event series, which you can learn more about inside this issue, we will celebrate our university's proud legacy.

We will also look toward our promising future. That's why *The Power of Stevens* is so important. Whether you are supporting a scholarship, naming a space in the university center, or leaving a gift in your estate plan, together we are gathering the resources to power Stevens for the next 150 years.

Our goal of \$200 million for *The Power of Stevens* is within reach, and we are charging forward to meet it. With just a little more engagement from alumni and friends of all stripes, we can add a successful completion of this historic campaign to our growing list of achievements.

On behalf of the Board of Trustees, I want to thank our campaign co-chairs – Larry Babbio '66, John Dearborn '79 and Sean Hanlon '80 – for the leadership and energy they bring to *The Power of Stevens*. Of course, we are also fortunate to have President Nariman Farvardin sharing his strategic vision. And, under the leadership of SAA President Vicky Velasco '04, we continue to enhance the Stevens Alumni Association, especially the Ad Astra Ambassadors who volunteer by engaging our community.

At Stevens, we are shaping the next generation of leaders who will benefit society with their innovation and entrepreneurship. Thank you for investing in that future right now. Together, we are meeting – and exceeding – the enduring vision our founders set for this great university 150 years ago.


Per aspera ad astra,

Steve Boswell C.E. '89 Ph.D. '91 Hon. D.Eng. '13
Chairman of the Board of Trustees


ABOVE LEFT: The Torch Bearers statue has a new paved walkway and fresh seasonal flowers.

ABOVE RIGHT: Thought it's fall, seniors are busy on their design projects for the spring.

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power.stevens.edu

Endowment, Explained

Thanks to new gifts during *The Power of Stevens*, the university's endowment is at a record high – approximately \$224 million as of the fiscal year that ended on June 30, 2019. And yet, we're low compared to our benchmark peer schools, both in terms of total endowment and endowment per full-time equivalent (FTE) student. Since growing the endowment is a strategic priority, we spoke with Louis J. Mayer, who is the university's CFO, vice president for finance and treasurer.



Louis J. Mayer holds a B.S. in accounting from Saint Joseph's University, an MBA from West Chester University of Pennsylvania, and an Ed.D. from the University of Pennsylvania.

LET'S START WITH SOME BASICS. WHAT IS AN ENDOWMENT?

“An endowment is an investment portfolio, created primarily by gifts from donors, that is invested in perpetuity. Income generated from the endowment is applied to certain expenses, in our case primarily for scholarships and endowed faculty chairs. Most colleges and universities have a board-approved spending rate for their endowment. Our current rate is 4.5%, which is consistent with the higher-ed sector. The typical range for spending rates is 4% to 5%.”

HOW IS OUR ENDOWMENT MANAGED?

“The endowment is overseen by the investment committee of the Board of Trustees, along with the university's senior financial management team, which includes me as CFO and others like Betsy Shelton, our assistant vice president for investments and treasury

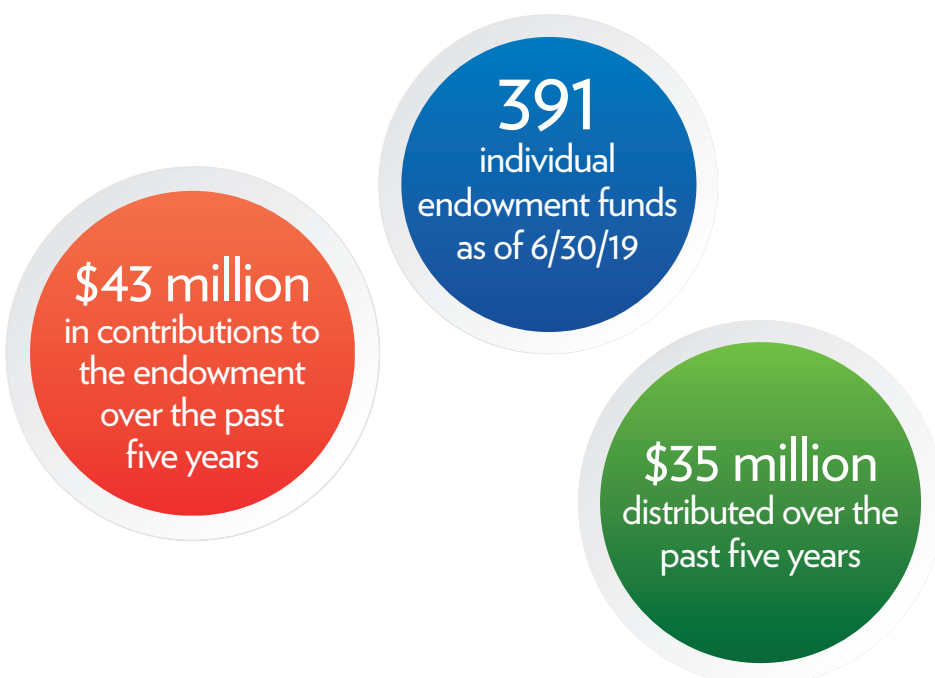
operations. We also have an OCIO – Outsourced Chief Investment Officer. This is a model commonly used by small colleges and universities with endowments of our size. Our current OCIO, Goldman Sachs, assists us in developing our investment policy statement, strategic asset allocation, and selecting investment managers. They meet with us on a regular basis and provide updates on the economy, their outlook for the capital markets, and the investment performance of our portfolio.”

NATIONWIDE, HOW ARE COLLEGIATE ENDOWMENTS DOING?

“Capital markets have been strong, and returns have been positive, so many endowments have been growing at a healthy pace. We have our own benchmark that we set with the investment committee and our OCIO. Our returns have been consistent with our benchmarks. The Stevens endowment, net of spending, has grown by \$51 million during the past five years, from \$173 million on June 30, 2014 to \$224 million on June 30, 2019.”

HOW DOES OUR ENDOWMENT COMPARE TO THE FIVE SCHOOLS WE CONSIDER OUR PEER INSTITUTIONS?

“Overall, we are modest compared to our benchmark peers: Carnegie Mellon, Lehigh, Northeastern, RPI, and WPI. They all have higher endowments than Stevens. The next highest above our \$224 million is WPI, and they're at approximately \$500 million. Ideally we'd prefer the endowment to be in the range of where WPI and RPI (approximately \$700 million) are.”



WHAT IS ENDOWMENT-PER-FTE, AND WHY DOES IT MATTER?

“That is a metric to evaluate the amount of resources available from the endowment on a per-student basis. The higher the endowment, the more we can rely on it to cover costs in our operating budget and defray our costs per student. In FY19, the total amount of our scholarship spending was \$82 million. The endowment provided only about \$6 million towards that commitment. The less dependent we are on the operating budget, the more those funds in the operating budget can be used for other purposes like educational or instructional expenses and new initiatives to support the university’s strategic plan.”

YOU CAME TO STEVENS IN EARLY 2015, DURING THE FOURTH YEAR OF THE UNIVERSITY’S CURRENT STRATEGIC PLAN. HOW IS THE PLAN IMPACTING OUR FINANCIAL OUTLOOK?

“Under the leadership of President Farvardin, Stevens has become much more strategic planning focused and fiscally-disciplined. In fact, we now have a 10-year financial plan, which includes precise goals for enrollment growth and net tuition revenue projections, net operating margin targets, operating cash balances, endowment growth, etc. Setting those boundary conditions has been tremendously beneficial in the overall management of the university.”

BOTTOM LINE, WHY IS IT IMPORTANT FOR US TO GROW THE ENDOWMENT?

“Growing the endowment will strengthen the university’s overall financial profile. It will also enable us to enhance our ability to attract and retain the highest-caliber students and faculty and to ease the over-reliance that we currently have on the operating budget, primarily related to funding student financial aid. That, in turn, will enable us to make sure we continue to be as affordable as possible going forward.”

Building Bulletin

MAKE WAY FOR GATEWAY...

On September 30, the South Hall of the new **Gateway Academic Center** held its first-ever classes, with the paired Gianforte Family Hall opening soon after. Combined, the two Gateway buildings add 11 smart classrooms, 13 advanced labs and 45 faculty offices and collaboration spaces.

When the university announced it would fill a strategic need for more academic space, the Stevens community responded with enthusiasm and generosity. Thank you to everyone who made gifts for the great Gateway Academic Center!



...AND STAY TUNED FOR THE SHUC

Of course, we’re not putting away our tools just yet. We’ve started early work on constructing the **Student Housing and University Center** that will transform Castle Point. The SHUC is the largest capital project in school history and will be the crowning achievement of *The Power of Stevens* campaign. Stay tuned for ongoing news about how philanthropy is laying the foundation!

Historic Happenings

Next February, Stevens will reach its sesquicentennial – the 150th anniversary since its founding as America’s first college of mechanical engineering in 1870. As planning for the year-plus celebration takes shape, some dedicated staff and engaged alumni have been working to put the university’s proud history front and center.

At the Samuel C. Williams Library, Leah Loscutoff and her archival team lead the efforts to collect, catalog, restore, preserve and make discoverable collections that

document the history of Stevens and its people. The materials range from historic photographs of campus life and back issues of *The Stute* to Stevens family heirlooms and curios donated by alumni, like Renaissance-era books and a samurai suit of armor.

“It’s really [an impressive collection](#),” Loscutoff said. “We inherited many pieces from the Stevens family, and many were donated by alumni and others. Now we’re working to collect, preserve, and make accessible as much of Stevens history as possible.”



Leah Loscutoff is the Head of Archives and Special Collections.



Gifts for historic preservation can save these vintage Link yearbooks.

Among their recently completed projects, the library staff created a comprehensive database inventory, established a tracking protocol for items on display or loan, and dedicated the first floor of the presidential residence at Hoxie House for displaying historic items.

Thanks to philanthropic support, they have also been able to restore and conserve several fragile items at risk

of deteriorating due to natural aging and the need for a more stable preservation environment. Gifts from alumni and friends have saved a set of Frederick Winslow Taylor’s patents, Stevens family heirlooms like a christening robe, and a replica of the early locomotive that John Stevens tested in Hoboken in 1825. Many of these items are on display throughout the library.



These Stevens family heirlooms accentuated an exhibit at the Hoboken Historical Museum.

Loscutoff is part of the Historic Preservation Committee, which promotes the university's history and sets priorities for restoration and other projects. The ten-member committee, chaired by Hoveida Farvardin, is interested in securing funding to restore some of the Stevens family's antique furniture and paintings; digitize brittle historic collections; improve storage capacity; and produce more YouTube videos like the successful *Tales from Castle Stevens* narrated by John Dalton '60 and Richard Reeves '60.

The efforts to preserve the university's history complement plans for celebrating the sesquicentennial through 2021, including: a website with *150 Stories of Stevens*, a curated collection of 150 feats and faces; a fall festival and a spring academic symposium; an enhanced Founder's Day Ball for students and an expanded 100th Alumni Weekend; a special issue of *The Indicator*; and more.

“Now we're working to collect, preserve, and make accessible as much of Stevens history as possible.”

“We anticipate thousands of visitors will come to campus during the sesquicentennial,” Loscutoff said. “Many will be alumni and their families, but we'll also have academic and other distinguished guests, and we often have historical researchers who visit to see our archives on John W. Lieb, Alexander Calder, Charles Stewart Mott and other famous alumni. When they get here, we'll be ready to showcase and further engage on the special legacy of Stevens.”



This 1872 work by Amos Cassioli – “Painting of Studio of Leonardo da Vinci” – was fading and blurry before restoration.

SAVE *the* DATE

STEVENS AWARDS
★ *Gala*

May 2, 2020

To learn more, please visit stevens.edu/awardsgala



A vibrant campus priority

STUDENT WELLNESS CENTER

The new Student Wellness Center opened last semester, creating a comfortable and convenient location for students to meet their health and wellness needs.

Renovation turned the former Pond House into the new wellness center, including adding a ramp and elevator to the 7,200-square-foot brick building. Health services are on the first floor, counseling and disability services are on the second floor, and wellness education programs are available in the finished basement.

Health is essential for academic success, as students can focus on their courses with more energy and less stress. The staff at the wellness center believe in a holistic, team approach to student health, addressing both body and mind.



The wellness center also fills a strategic need, especially now with a larger enrollment and once more students live on campus in the forthcoming residential towers. With a private and accessible location, students will feel more empowered to seek the best for themselves.

Gifts to support the wellness center could provide resources to expand programming, workshops and services, such as for women’s wellcare, nutrition, stress reduction, sleep improvement and more. The Stevens culture of philanthropy can help shape a culture of wellness, strengthening the university’s commitment to the health of every student.

Everybody's an Entrepreneur

I&E – that's innovation and entrepreneurship – has been a staple of the Castle Point experience since Colonel John Stevens was testing his "steam waggon" and trying to start the country's first railroad company. Though innovation has evolved beyond those early days of the industrial revolution, the creative spirit still thrives on campus, and faculty, alumni and students continue to pursue ambitious entrepreneurship.

LEARNING ON THE LAUNCHPAD

When Howard Oringer '62 enrolled as a freshman, Stevens was still a year away from offering a specialized degree in anything other than mechanical engineering. Since then, of course, the university has developed expertise in an array of innovative fields.

Oringer has also stayed ahead of the curve. After getting his broad education at Stevens, he spent 35 years in the telecom industry, initially with AT&T and then entering the emerging wireless market as CEO with a venture-funded new company, TeleSciences. He's now lending his expertise to startups as the managing director of Communications Capital Group, a consulting and venture capital firm.

With his wife Janice, Oringer made a gift to establish the Howard Oringer '62 Fellow at the [Stevens Venture Center](#) (SVC). The SVC launched in 2016 and now occupies the same sleek new building in downtown Hoboken that houses Pearson Education and Jet.com.

"Jan and I created the Oringer Fellowship because we believe in entrepreneurship and new business



Mukund Iyengar (left) talks entrepreneurship with Kevin Barresi. Professor Iyengar was honored with a 2018 Edison Patent Award from the Research & Development Council of New Jersey.

generation," Oringer said. "Stevens has a history of supporting inventors, innovators and bright minds. If we are going to help solve some of the most challenging problems of our time, we need to continue to support students in their pursuits of business. This fellowship assists faculty to spend more time and resources with students who hold the most promise."

The first Oringer Fellow is Dr. Mukund Iyengar, who turned down offers from Facebook and Google to teach at Stevens beginning in 2012. Iyengar is busy at the SVC. He runs [Launchpad](#), where students learn from real-world entrepreneurs before starting their own companies, iSTEM (more on this below), a healthcare hackathon and plenty of other I&E activity.

In Launchpad, students learn to identify ideas with commercial viability and practice the steps in building a startup. "Starting and growing a company is incredibly difficult," Iyengar said. "It's the ultimate education."

Iyengar is bootstrapping Launchpad with his own salary, but he is eager to see the program grow. To date, six student-led startups founded through

Launchpad have been valued at a combined \$36 million. This includes iUbbly, a web browser founded by Kevin Barresi '16 M.Eng. '16, and which Barresi, with Iyengar's guidance, merged with FinTech Studios, a search and analytics platform for financial firms.

Barresi is now FinTech's CTO and an entrepreneur-in-residence at the SVC, where he is also available to mentor students. In fact, Barresi donated a \$5,000 prize he won from a coding competition to grow the SVC.

"Mukund has had an immense impact on the students and young companies he has assisted thus far," Oringer said. "He is an impressive individual, and we are thrilled to support him, and by extension, the entrepreneurs getting their start at Stevens."

STARTUPS ON STAGE

In addition to its alumni, Stevens is fortunate that many friends are supporting I&E on campus. For example, in 2013, trustee Tom Scholl established the Thomas H. Scholl Lecture by Visiting Entrepreneurs, →

a talk Bill Barhydt '90 gave this year on *Where WiFi Meets SciFi: Entrepreneurship in a Future Shaped by AI, Bitcoin and Flying Robots*.

Then there is the Ansary Family, a prominent family of international lawyers, financiers, entrepreneurs, educators and authors. Cy and Jan Ansary started their namesake foundation in 1983, and they've since passed the philanthropic torch to their children, including Jeff, who is the foundation's president, and Brad, who is managing director of the family's company.

The Cy and Jan Ansary Foundation supports education, entrepreneurship and other causes. In 2016, they began providing prize money at the annual Innovation Expo, where seniors pitch their design projects as potential startups to a panel of guest judges. An endowed gift ahead of the 2019 pitch added a prestigious new name of the [Ansary Entrepreneurship Competition](#), featuring the Ansary Prizes for Entrepreneurship of \$10,000, \$5,000 and \$2,500 to the top three finishers.

"Through the generosity of this wonderful family," President Farvardin



The Ansary Family visited campus during the Innovation Expo in May. Jeff (far left) is a member of the President's Leadership Council, while Brad (far right) sits on advisory board of the School of Business.

said, "Stevens is able to nurture, support and provide recognition and rewards for the talented entrepreneurs in our student body. The Ansary Entrepreneurship Competition is a significant milestone for Stevens innovation. It will further motivate students to consider the commercial viability of their senior design projects, and it will provide funding to assist in that transition from a simple university project to a viable startup enterprise."

During the inaugural Ansary competition, the students of Castle

Point Rocketry co-won first place by impressing a panel that included judges from Google and Tesla, plus Dawn Ortell '77 of Johnson & Johnson and Marques Brownlee '15, a tech influencer with 1.5 billion YouTube views.

[Castle Point Rocketry](#) aims to launch a liquid-fueled rocket past the Karman Line, an imaginary line 100 kilometers into space. The team thinks it can service companies seeking low-cost payloads for drug development, disease modeling, crop science, quantum satellites and other uses.

"It's been hypothesized that the next cancer-fighting innovation will have its beginnings in space, with pharmaceutical companies already researching new drugs on the International Space Station," Faris Ibrahim '19 said during Castle Point Rocketry's pitch. "Our goal is to make this frontier of research accessible to small businesses and universities."

Though the founding students of Castle Point Rocketry have graduated, a new cohort is continuing their work. This year, the alumni of Castle Point Rocketry are using their Ansary



According to the students of Castle Point Rocketry, the space launch industry was an estimated \$8.8 billion market in 2017, and it is projected to become a \$27 billion market by 2025.



Emilio Fernandez received the Friend of Stevens award in 2019.

prize, plus money they received from direct gifts, to fund three new senior design teams.

“They will each work on a small section of the rocket, iterating on the current design to make a better vehicle overall,” said Dakota Van Deursen ’19. “We look forward to what this partnership holds in store.”

ISTEM AT STEVENS

Around 2011, Emilio Fernandez started hearing a lot about Stevens from his friend who had recently become the university’s president, Nariman Farvardin. They met years before while Farvardin was a professor at Fernandez’s alma mater, the University of Maryland. Fernandez was so impressed with Stevens, he became actively involved and was invited to join the Board of Trustees.

Fernandez knows plenty about I&E, having secured more than two dozen patents and formed or funded several companies. But he remembers having a tough time in school, and he’s now supporting other students in the same boat.

“I realized I don’t learn in a linear fashion,” Fernandez said. “Like myself are many who do not. And yet,

we’re able to make contributions. I want to try to rescue some of the students in high schools who are very technically able, as they prove by participating in labs and science fairs. After hours, they belong to computer clubs. But, their grades might not reflect their capability.”

Through philanthropy, Fernandez is powering iSTEM – the “i” standing for instinctive – a program for Stevens students to discover, develop and apply their talent for I&E.

“iSTEM is a unique ecosystem that fosters successful enterprise-building with students in a leadership role,” said Professor Iyengar. “Our mission is to unleash the innate passion and talent of our participants in a powerful way.”

iSTEM students receive academic support and mentoring. Since the program started in 2018, iSTEM students are on track to start three companies and one non-profit.

Jocelyn Ragukonis ’22 came to Stevens with no prior experience in coding, unsure of what she wanted to do with her degree. Through iSTEM, she has explored her passion for helping her sister who just had a baby. After tinkering with spare cameras and open-source software and spending a summer learning about computer vision, AI, hardware and iOS development, Jocelyn designed a new baby monitor. With three users so far, Jocelyn formed Bira.ai – as she calls it, the Tesla of baby monitors. She wants to raise \$4 million before she graduates to run the company full-time, eventually capturing adjacent video markets like pet-care, senior-care and home surveillance.

“One of the most rewarding experiences of starting Bira.ai has been speaking with new mothers

from all walks of life,” Jocelyn said. “No two stories of pregnancy, delivery and life with a newborn are the same.”

Like the entrepreneurial students he is helping, Fernandez also has a grand vision for iSTEM. “This is a program I feel strongly about,” he said. “It could get started here and perhaps continue to other universities under the Stevens banner. It has been a very rewarding experience to see how it’s developing.”

EVOLVING ENTREPRENEURSHIP

Thanks to dedicated faculty, enterprising students and generous donors, I&E will continue to flourish at Stevens.

This year’s HealthTech Hackathon, sponsored by companies like Bristol-Myers Squibb and Quest Diagnostics, features students pursuing solutions to improve the patient experience. An anonymous donor recently made a gift to establish an accelerator at the SVC. Seniors are working on their design ideas ahead of the next Ansary Entrepreneurship Competition in May, and the students in Launchpad and iSTEM will continue exploring I&E, just like in the founding days of Stevens.



Jocelyn Ragukonis has made the Dean’s List during her first three semesters.

Donor Spotlight

BIRENDRA “BEN” PRAMANIK M.S. '73 PH.D. '77

A half-century later, Ben Pramanik remembers the night he learned the fate of his family in a war zone 7,500 miles away. He also remembers the university that welcomed him as an immigrant student, especially the professor who became his mentor, friend and inspiration for starting a scholarship at Stevens.

Pramanik grew up in a Hindu family in East Pakistan, an exclave with a tenuous connection to the rest of the Muslim country partitioned from India in 1947, three years after Pramanik was born. Though his parents struggled as farmers, they were committed to educating Pramanik and his three brothers and two sisters.

Pramanik was the top student in his high school class. He earned bachelor and master degrees in chemistry from Rajshahi University, and he took a job teaching at Carmichael College in Rangpur. He and his wife, Nandita, had a daughter and a son.

On a scholarship from USAID International, Pramanik visited the United States in 1968. He attended a summer program at Mercer University in Georgia, and after touring colleges in Chicago and Washington, he went to New Jersey, where he met Ajay Bose, an Indian professor who had come to America two decades before. Bose was a leader in the field of organic chemistry and began teaching at Stevens in 1959 (see sidebar).

“I did not have an appointment, but Professor Bose welcomed me,” Pramanik remembers. “I was overwhelmed with the breadth of his knowledge, as well as the way he was conducting the research work of his large group of students.”



Ben Pramanik and his wife, Nandita, attended the recent Celebration of Philanthropy dinner on campus.

Bose responded to Pramanik’s interest in Stevens by writing him a letter of introduction. Though Pramanik received admission as a graduate student, he also wanted to be with his family, and he was obligated to resume his job at Carmichael. But in 1970, two decades of tension between Pakistan’s military ruler and the ethnic Bengalis of East Pakistan erupted into war. Pramanik recognized he needed to leave. He returned to the United States in August and enrolled at Stevens, not knowing when he would see his family again.

“My wife and children were still in East Pakistan. I had heard they were trying to cross the border into India. Because they were Hindus, I was worried the Pakistani army would detain them.”

Months passed. Pramanik learned that his Hindu colleagues at Carmichael were massacred. The Bhola cyclone further devastated the region, killing half a million. Pramanik, who Americanized his first name to Ben,

kept busy by studying and working at the Pak-India Curry House on West 45th Street in New York. Stevens gave him tuition support that expanded into a full research fellowship.

“It was hard for me to study at that time. But the faculty, especially Professor Bose, was very accommodating, providing motivation and inspiration, and I did well in my exams.”

Late one night in May 1971, as Pramanik was closing the restaurant, a Stevens police officer knocked on the door. Pramanik’s brother had sent a telegram to campus reporting that Nandita and the children had reached a refugee camp in India, having fled a massacre in their village and trekking at nightfall across 60 miles. Stevens President Ken Rogers, who had taken an interest in Pramanik, learned of the message and sent the officer to find him.

“My last contact with my family was towards the end of September in

1970. Eight months had passed, and I could not eat or sleep. Virtually I could not function. When I heard they were safe, I was overwhelmed with joy and happiness. It was God's grace that saved my family."

With help from the International Rescue Committee and Stevens staff who lobbied their government partners, Pramanik was able to contact his family. Two years after East Pakistan secured its independence and became Bangladesh in 1971, Pramanik's family arrived in the United States, just as he was completing his master's degree in chemical engineering. By 1977, Pramanik was doing post-doc research on mass spectrometry alongside Bose.

"Professor Bose's family and my family became part of one. He lived five miles away, and I visited him regularly. Often, he would call me and

say, 'Ben, I am coming to your home; we will discuss science at length and other topics.'"

Pramanik worked in the pharmaceutical industry, retiring as a senior fellow with Merck. As the supervisor of nearly 30 research labs, he led the development of many medications, including the popular allergy drug Claritan, and drugs like Keytruda and Interferon that treat cancer. He wrote or co-wrote 165 research articles and gave more than 200 presentations at national and international conferences.

He and Bose wrote 14 papers together. In 2002, their research on mass spectrometry combined with microwave technology shortened the digestion time of proteins, paring hours required by conventional methods to minutes. Scientists worldwide have cited their discovery in at least 600 papers.

Pramanik is now retired, though he continues reading about the latest research on cancer and immunology. He gardens at his home in New Jersey, and he and Nandita enjoy spending time with their four grandchildren. Their son is a doctor and their daughter is a biochemist.

Pramanik has also been involved with philanthropy. He set up scholarships at high schools in Parsippany and Plainfield in honor of his parents. In 2015, he established another scholarship at his alma mater in honor of his mentor.

"Professor Bose enlightened the lives of many students, post-doctoral students, visiting scientists and others. It is my honor to set up the Professor Ajay K. Bose Memorial Endowed Fund at Stevens so that a scholarship will be given each year to a deserving student in chemistry."

ABOUT AJAY BOSE (1925-2010)

In 1950, Bose earned his doctorate from MIT, having attended on a scholarship from the government of his native India. He worked as a fellow at Harvard and Penn before joining Upjohn, a pharmaceutical company now part of Pfizer. He became a professor at Stevens in 1959, staying on the active faculty until 2007.

During his six decades of research in organic chemistry, Dr. Bose secured seven patents, published approximately 350 scientific papers, wrote two books and contributed chapters to several more, and mentored some 35 doctoral students and 100 post-doc



chemists. He was a frequent lecturer at national and international conferences. Among many accolades, he received the Presidential Award for Excellence in Science, Mathematics and Engineering from the American Chemical Society.

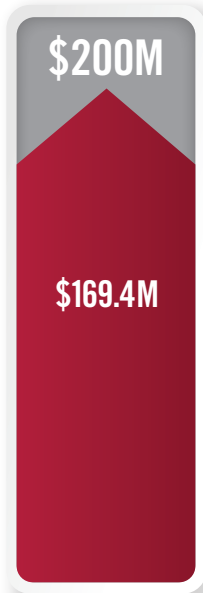
At Stevens, Dr. Bose served as the George Meade Bond Professor. He created the UPTAM program (Undergraduate Projects in Technology and Medicine), which developed students interested in chemical and medical research. Many of Bose's mentees in UPTAM entered top graduate and medical schools.

Dr. Bose took an emeritus role in 2007. He settled with his wife in Pennsylvania, where he enjoyed gardening, cooking and spending time with his five children and 11 grandchildren. He stayed abreast of the latest in chemical research, and he continued to mentor his former students during their careers.



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CASTLE POINT CONNECTIONS

The Class of 2023 added to a new Stevens tradition with their march along Wittpens Walk during convocation. With more than 1,000 members, the class hails from 28 states and 11 countries, and sports an average SAT score of 1416. Let's give a rousing welcome to these young Ducks!

