

# THE POWER OF STEVENS

OUR CAMPAIGN. OUR IMPACT.

CAMPAIGN NEWS AND HIGHLIGHTS - SUMMER 2018

SPECIAL EDITION

# SUCCESS!

**THE POWER OF STEVENS**  
passes \$150 million goal  
six months ahead of schedule

*Carry  
Momentum  
Forward,  
Continue  
to Impact...*

**BOARD OF  
TRUSTEES VOTES  
ON NEW GOAL**

**\$200 million by 2020**

## INSIDE THIS ISSUE

4



### STEP Celebrates

This year, STEP celebrates its 50th anniversary.

7



### Campaign Highlights

See the impact of *The Power of Stevens*.

14



### New Tutoring

The late Art Harper '78 is honored in a new program.

# Success! Impact! Acceleration!

As co-chairs of *The Power of Stevens* campaign, we are delighted to report that we have reached our five-year goal of \$150 million six months ahead of schedule. Thanks to the generosity of thousands of alumni and friends, our fundraising success has fundamentally strengthened our great university and amplified its impact. With unprecedented momentum, now is the time to accelerate, to take Stevens to the next level of excellence. The Board of Trustees has resolved to raise the goal to \$200 million and extend the campaign through our 150th anniversary in 2020.

## **THE POWER OF STEVENS IS ALL ABOUT MAKING A DIFFERENCE:**

### **STUDENT SUCCESS**

More than 1,200 hard-working and talented students have been able to attend Stevens and succeed in the classroom and beyond because of gift-supported scholarships, tutoring support, undergraduate research experiences, study abroad opportunities, and investments in the S. C. Williams Library, athletics programs, and a wide variety of initiatives to enhance the student experience. Because of these

investments, Stevens students have the benefit of an environment and opportunities that shape them as leaders, problem-solvers, and catalysts who will change the world.

### **FACULTY EXCELLENCE**

Thanks to philanthropic support for endowed chairs and fellowships, research, and state-of-the-art equipment, Stevens has empowered faculty, both current and newcomers, to extend the boundaries of knowledge in their fields and the classroom. These extraordinary scholars and researchers are building a better future: by strengthening the technical foundations of our students, imbuing them with creativity and problem-solving skills, and by pioneering new frontiers in fields as diverse as artificial intelligence and advanced materials to biomedicine and quantitative finance. Their research is transformational.

### **A VIBRANT CAMPUS**

A profound and dramatic renewal has been underway in our teaching and research spaces, our student living and social spaces, and throughout the campus grounds. The difference is immediately apparent to visitors and the campus community alike. By the fall, every single classroom on campus will have been renovated and equipped with state-of-the-art teaching and learning technology. The Colonial House was transformed into the Ruesterholz Admissions Center, and the Gianforte Family Academic Center, which will add 12 classrooms and 13 laboratories, is under construction. Later this year,



*President Nariman Farvardin with The Power of Stevens campaign co-chairs Sean Hanlon and Larry Babbio.*

the Pond House will be renovated as a modern, comprehensive Wellness Center. A great university has superb facilities in which learning and research can flourish.

Based on *U.S. News & World Report* measures, Stevens is the second fastest-rising university in the nation. Since President Farvardin's arrival, undergraduate applications have

risen 157%; SAT scores are up 130 points; research support is at an all-time high; and the endowment has increased 41%. Our financial profile has improved significantly, with upgrades in our S&P rating to A-/stable. And philanthropic support has grown 400%!

Yet we have much more work to do if we are to realize the ambitious goal of our 10-year strategic plan: to become a premier, student-centric, technological research university. Our progress in the last seven years has been nothing short of astounding, but we cannot rest. Stevens is on an unprecedented upward trajectory. We are poised to become—and to be recognized—as a world-class university.

*The Power of Stevens* has enabled our success and intensified our impact. The campaign has spurred the achievement of our students and faculty, and strengthened the university for the future. We have the opportunity, and indeed the responsibility, to accelerate our progress. Please join us as we strive to reach our 150th anniversary celebration with Stevens as the fastest rising university.

Ad Astra,



**Lawrence T. Babbio, Jr. '66 Hon. D.Eng. '01**  
Chairman Emeritus, Stevens Board of Trustees  
Co-Chair, *The Power of Stevens*



**Sean Hanlon '80**  
Member, Stevens Board of Trustees  
Co-Chair, *The Power of Stevens*

## Thank You, Richard Harries '58!

You may be wondering what the gift was that put *The Power of Stevens* over the \$150 million line. Well, that distinction goes to Richard Harries '58, who with his wife, Carol, has made a \$17 million commitment for the campaign. As we press on to the new \$200 million goal, Richard and Carol, with their confidence in the campaign and its impact, have set a remarkable example for the alumni and friends who support Stevens.

As President Farvardin said in a [feature on Richard](#) in the latest

*Indicator* alumni magazine, "This incredible demonstration of philanthropy by Mr. Richard Harries is a tangible sign of the transformation that has taken place at Stevens over the last six years. I have had the honor to get to know Mr. Harries and am inspired by his character, his success, and by his generosity. This historic gift will lay the foundation for the future success of those who will follow in his footsteps for many generations to come."



At a December dinner, President Farvardin presented Richard and Carol Harries with a 3D printed replica of the Torch Bearers statue on campus.

# Congratulations to STEP!

This year, the [Stevens Technical Enrichment Program](#) celebrates its 50th anniversary, and STEP alumni have exciting plans for a reunion bash, plus establishing a scholarship that will support the program in perpetuity.

STEP started in 1968 as a support system for Stevens students from minority, first-generation or low-income backgrounds. The program has grown as enrollment has grown and diversified, and currently STEP offers academic and career prep, networking and social opportunities, mentoring and more.

The idea is to bootstrap the adjustment to college for deserving students from underserved communities. “STEP closes the gap,” said Jerome Brown '99, who came to Stevens from rural California and is



*Luis Flores '18, who came to Castle Point from Texas on the suggestion of a Stevens alum, will now begin his career with a degree in mechanical engineering after working multiple placements through the university's co-op program.*

now an executive with global engineering firm HDR. “It’s like boot camp, getting you used to college life,

being away from home, and the academic rigor. I don’t think many people who come through it fail, but I don’t think they would have been as successful without it. I know I wouldn’t have, without a doubt.”

“STEP has been the backbone of my support at Stevens,” said Luis Flores '18. “The summer bridge program helped me get situated, and it exposed me to what it would take to succeed at Stevens. The mock career fairs and talking with STEP alumni have also been helpful.”

STEP alumni are planning a 50th anniversary celebration on campus on September 22, with guest speakers, alumni awards and other festivities. During their 45th anniversary, STEP alumni announced a campaign to endow a scholarship fund.



*Jerome Brown '99, who is on the Schaefer School of Engineering and Science advisory board, visited campus in March and spoke to STEP students about how they can build successful careers.*



*After graduating, STEP alumnus Hermes Gonzalez '89 went on to become president of Pall Industrial, while his wife Maria Ramirez-Gonzalez '89 is a project manager at IBM.*

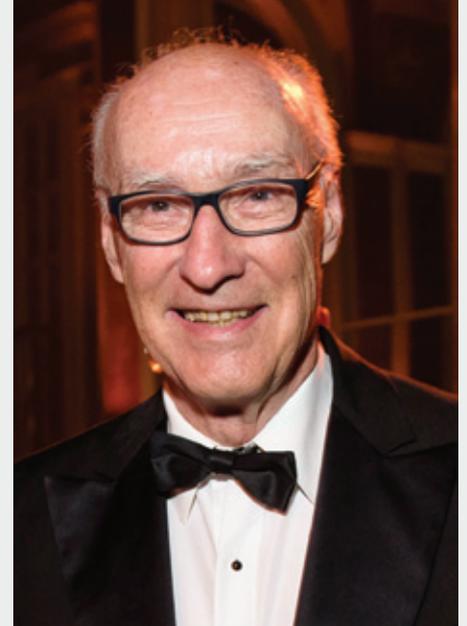
As of May 15, they are at **76% of their goal**. “It is in reach,” said STEP alumni president ShaQuill Thomas '15. “As an added incentive to contribute, two of our alumni – Maria Ramirez-Gonzalez '89 and Hermes Gonzalez '89 M.S. '95 – have generously offered a \$10,000 threshold challenge if we reach our goal by June 30.”

During the endowment campaign, STEP alumni have supported a term scholarship to start helping students immediately and to demonstrate impact. “Receiving the STEP scholarship has allowed me to receive a degree from a prestigious engineering school,” said civil engineering major Whitney Brown '19. “Being a part of STEP has changed my life, because I have wonderful people and lifelong friends who will always help me,

not only in school but in life. I am so grateful to have an amazing support system to develop the confidence I need to achieve my dream to be a successful engineer!”

Ron West '71, who was a student when STEP started, looks back on a program that has had an impact and can continue to do so. “Over 1,000 lives have been positively impacted by STEP. I have supported the Stevens commitment to the program since I was an undergraduate student, financially, as well as by serving on the advisory board for over 20 years. I ask each of you to stand with me to renew and expand Stevens’ commitment to underserved students. We have an opportunity to make an even greater difference, not only at Stevens, but in the world.”

## Donor Spotlight BRUCE BOYLAN '63



For many, the name Bruce Boylan '63, evokes one thing at Stevens, namely, lacrosse. Fellow classmates will recall that he is a Hall of Famer who held the single season scoring record for 34 years. No small feat for an athlete, yet Bruce is nonchalant when talking about his achievements. In fact, Bruce would rather talk about his love for the game, which is what has continued his connection to his alma mater.

When he first came to Stevens, he was already an athlete. Confident in his abilities, he wanted to play lacrosse even though he had never played before. In his freshman year gym class, he met Coach Irvin “Buzz” Seymour. To say it was a life-affirming experience doesn’t quite capture it. It was the beginning of a friendship that spanned a lifetime. Buzz was a mentor to Bruce through college and beyond, so it’s only natural that Bruce would honor him with a moving tribute in the Stevens *Indicator*. When he talks about Stevens, he references Buzz, who gave him guidance, support and encouragement. “He was →

## Donor Spotlight

### BRUCE BOYLAN '63 (CONTINUED)



*Like Bruce Boylan '63, many alumni still feel a strong affinity with Stevens athletics program.*

always upbeat and whenever you were around him, he made you feel special. He did that for everyone," said Bruce about Buzz.

Sports fosters loyalty for fans and players alike, and Bruce is the epitome of both. He faithfully returned to campus every year for 35 years for the alumni lacrosse game. During that time and at the suggestion of Buzz, he came on as assistant lacrosse coach and stayed for 15 years. He is modest about his success as a coach. He doesn't believe that he has had as much influence over players as his mentor once had on him. What comes through is his enthusiasm for sports. "I really enjoyed it," he said. "And of course my fraternity is still dominant in lacrosse. That made it even better. It was more than trying to win. It was teaching

them how to be, how to get along, how to get better."

In addition to his love of sports, he has always had a strong bond with his fraternity, Delta Tau Delta, known as the "Delts." He described the Delts as leaders on campus. "They have always been jocks and regular guys. It is still that way today," he said. It was in the 90s that Bruce got the idea to start a Delt Scholarship for the fraternity. What began with three scholarships has bloomed into seven that are awarded annually. Not bad for a guy whose first donation was \$100 for the athletic department.

While he no longer coaches lacrosse, he is still a dynamic force on campus. He describes his involvement in alumni events as something that happened gradually. He reconnected with the school at the '62 Alumni Weekend in 1987, mostly because it gave him a chance to see all his friends. He began planning events. He organized several dinner cruises on the Hudson on Alumni Weekends, and the 125th and 135th Delt reunion, which drew more than 100 Delts each time.

In 2003, shortly before his 40th reunion, it was suggested by Dick Magee '63, that he become class president, a position he still holds. Magee's loyalty to Boylan is no less than the esteem Bruce has for Dick. The former co-captains of the lacrosse team have been "life-long friends," said Bruce. Together, they arranged a testimonial dinner in 1989 in honor of their former coach when he retired.

Not surprisingly, he is a popular figure on campus. He's gregarious by nature and a leader in sports. As a member of the Alumni Association, he goes to

many events. One might even say that he improved them. It was his suggestion to change the quality of the wine that is served at functions. He is both knowledgeable and passionate about wine. With his vast experience, he hand picks the wines that are offered. Word of this particular skill has gotten out. At the suggestion of his fraternity brother Ed Eichhorn '69, he began hosting wine tastings at Stevens. The event has grown in popularity. One of his tastings had over 100 attendees.

It's easy for Bruce to attend all these functions, he has called Hoboken home since 1993. Hoboken suits him. He has developed lasting friendships with neighbors and has an insider's knowledge of town politics. He also has a lifetime of impressions of Stevens. He believes Stevens is continuing to grow. "Nariman [Farvardin] is the best president we've ever had – that Stevens has ever had since I've been at Stevens," said Bruce, who describes him as a real leader who excels at bringing people together.

Bruce is quick to compliment people in his life who have made a lasting impression on him, like his incomparable friendship with Buzz. Yet his most enduring relationship might be his legacy to Stevens. He achieved the grand slam in philanthropy, becoming a member in all four donor recognition societies including the Lifetime Giving Society, the Stevens Legacy Society, the EAS Society and the Gear Society. He has bequeathed his house to Stevens after his death to provide housing for students. Bruce would tell you that Buzz always taught him to do the right thing, not realizing he has surpassed his former mentor's expectations with his generosity.

# THE POWER OF STEVENS

## OUR CAMPAIGN. OUR IMPACT.

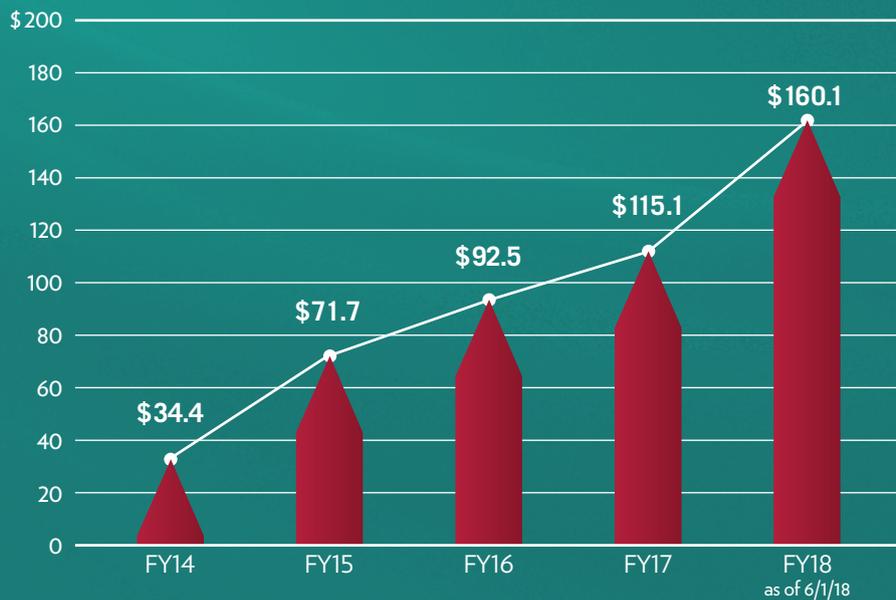


### CAMPAIGN HIGHLIGHTS, TRANSFORMATIVE IMPACT AND PHILANTHROPIC OPPORTUNITIES – 2013 TO 2018, AND NOW TO 2020

By supporting programs, professors and facilities with gifts during the campaign, generous donors have enabled student success, faculty excellence and a vibrant campus.

#### CAMPAIGN GIVING BY YEAR

●—● DOLLARS IN MILLIONS



\$200M

\$160.1M

7,669

Total number of campaign donors (and counting)



# Student Success

Empowering students to achieve their academic, professional and personal potential

## Pinnacle Scholars Program



With stipends for research, study abroad and entrepreneurship, plus a cultural passport for the arts, graduate tuition support, and a leadership seminar with President Farvardin, Pinnacle scholarships attract the most talented students from across the country.

## Clark Scholars Program



Thanks to the Clark Foundation, Stevens can offer tuition support and professional and personal development opportunities to deserving students from underserved communities who major in engineering or computer science.

## Athletics



A robust athletics program, popular with many donors, enables Stevens to attract talented students who want both rigorous academics and the excitement and personal growth opportunity of on-field competition. Go Ducks!

## Lore-EI Center



With enhanced programming and events, the [Lore-EI Center for Women's Leadership](#) connects, nurtures, mentors and empowers the women of Stevens.

## STEP



The Stevens Technical Enrichment Program, on the cusp of its 50th anniversary of promoting student success, is a vital network of support for students from diverse backgrounds.

## Entrepreneurship



During the annual Innovation Expo, students pitch their senior design projects as start-ups to a panel of industry judges and compete for the Ansary Prize for Student Entrepreneurship.

## Academic Tutoring



At the Academic Tutoring Center (ATC) in the library, paid student tutors help their peers succeed in the toughest courses. With donor support, the ATC has been a key resource in raising retention and graduation rates to historic highs.

## Study Abroad



Since the [Office of International Programs](#) opened in 2014, and with donor support, the number of students who travel abroad for classes, internships or research has tripled. Those students return to Castle Point with broadened perspectives and preparation to succeed in the global economy.

## Student Success Giving Opportunities

**SCHOLARSHIPS** To compete with other top universities for bright students, Stevens needs to bolster its endowment for scholarships and other annual support for financial aid.

**PRE-COLLEGE** Stevens now offers an expanded slate of residential summer programs across our academic spectrum. [Pre-college](#) is a proven factor in steering interested and capable students to pursue STEM degrees, and continued support will provide greater access to this invaluable and transformative experience.

**ACES** Through the new [Accessing Careers in Engineering and Science](#) program, Stevens is partnering with high schools in underserved communities to introduce talented students to college life, inspire them to pursue STEM education, and give them the support they need as undergraduates. Scholarships and programmatic support for this initiative have helped it to launch this summer, and additional resources will maximize its impact.

# Faculty Excellence

Unleashing the power of faculty to shape young minds and pursue solutions for a safer, smarter world

## Endowed Chairs and Fellowships

Additional resources for faculty will strengthen Stevens' position to recruit and retain stellar researchers and instructors.

### Farber Endowed Chair in Computer Science



The David '59 and GG Farber Chair recruited Giuseppe Ateniese, formerly of Johns Hopkins, to lead the computer science department.

### Roscitt Endowed Chair in Business Leadership



With this chair, named for Rick Roscitt '73, the School of Business will be able to recruit an expert to train current and future executives.

### Paulson Assistant Professor of Finance



A gift from Fred Paulson '59 supports the fellowship that recruited Victor Luo, a former Federal Reserve economist, to the School of Business.

### Farber Faculty Fellowship



The David '59 and GG Farber Faculty Fellowship gives resources to Alex Wellerstein, assistant professor in the College of Arts and Letters and historian of science who specializes in the history of nuclear weapons.

## Stellar Recruits

Philanthropic support creates an environment at Stevens where emerging professors want to teach and conduct research. Here are a few faces who came to Stevens during the campaign (and where they were before).

### Brendan Englott



Mechanical Engineering (Yale, MIT)  
An expert in underwater robotics, Brendan directs the Robust Field Autonomy Lab in the ABS Engineering Center.

### Samantha Kleinberg



Computer Science (NYU, Columbia)  
Samantha has been awarded multiple research grants and recognition awards from The National Science Foundation.

### Michael Kowal



Computational Social Science (UMass, Bowdoin)  
In 2015, Michael received a best article award from the American Political Science Association.

### Stephanie Lee



Chemical Engineering (Princeton, NYU)  
At Stevens, Stephanie is at the academic and industrial forefront of solar energy research.

## Faculty Excellence Giving Opportunities

**ENDOWED CHAIRS FOR OUTSTANDING FACULTY** Chairs recruit and retain faculty who are leaders in their fields and acclaimed as teachers, mentors, innovators and influencers. Chairs are one of the highest honors faculty can achieve, and the resources and prestige they include empower faculty to have an impact far beyond campus.

**ENDOWED ASSOCIATE/ASSISTANT PROFESSORSHIPS** These reward emerging faculty with development resources, including seed funding for research and to purchase equipment and travel to conferences. The positions last for up to six years, after which they rotate to a new holder, ensuring professorships have a continuously fresh impact throughout the university in perpetuity.

**RESEARCH FUNDS** Gifts for research provide equipment, materials, programmatic support and other necessities for faculty to pursue breakthroughs in artificial intelligence, biomedical engineering, cybersecurity, quantitative finance and other cutting-edge fields.

# Vibrant Campus

Building a modern center of teaching, research, learning and living

## Hanlon Financial Systems Center



The Hanlon Financial Systems Center (HFSC) is a faculty-driven, multi-level institutional framework that brings together researchers with expertise in various fields of finance, analytics and information technology with industry partners and funding agencies. With two labs that simulate a real trading floor and support work in data visualization and analysis, the Hanlon Financial Systems Center emphasizes contextual learning that ensures students become well-rounded professionals able to manage evolving challenges in finance.

## Ruesterholz Admissions Center



Since it opened in 2014 as a welcome center for prospective students, an office where the admissions staff can recruit, and a base for the pre-college program, the charming Ruesterholz Admissions Center has transformed the way future students and their families have come to know Stevens.

## The DeBaun Performing Arts Center



Gifts for the DeBaun Performing Arts Center help to provide a comprehensive performing arts program for Stevens students and our community. Support for the DeBaun Auditorium have upgraded the acoustics and other features, enabling Stevens to launch *OnStage at Stevens*, a donor-supported arts series that has brought the New Jersey Symphony Orchestra and other notable performers to campus.

## ABS Engineering Center



A gift from the American Bureau of Shipping renovated the south-end of the Davidson Laboratory building, adding mechanical, naval and civil engineering labs, plus collaborative and conference spaces for students and faculty offices.

## Gianforte Family Academic Center



When it opens in 2019, the state-of-the-art Gianforte Family Academic Center will add smart classrooms, advanced labs and collaborative spaces, plus create a featured new entryway to the southern end of campus. It will be the most important addition to Stevens' academic facilities in at least a generation.

## Lore-El Center for Women's Leadership



Donor-supported renovations have transformed the 4,500 square-foot house into a central point of community and education for Stevens women. A planned second phase will renovate the backyard, adding premium green space and making the historic building even more of a campus landmark.

## Vibrant Campus Giving Opportunities

**UNIVERSITY CENTER & RESIDENCE TOWERS** At 370,000 square feet, the university center and residence towers will be the most exciting building project in Stevens history. The towers will accommodate as many as 1,000 students for on-campus housing; the university center will add modern and dynamic spaces for the Career Center, extracurricular activities and recreation.

**ENGINEERING, SCIENCE AND TECHNOLOGY LABS** Just as Stevens has renovated every classroom on campus, it must also upgrade its spaces for research, experimenting, design and manufacturing. These laboratories need modernizing to support the work of Stevens' talented faculty and visiting professors. These improvements must include the tools faculty require to pursue innovations in cutting-edge fields.

**HEALTH AND WELLNESS CENTER** A major renovation to the current Pond House will result in a modern facility housing all physical and mental health services in one location. Not only will this offer better, more comprehensive care for students, it will expand services to include women's health, mental health counseling and immunizations for students studying abroad.

## Donor Spotlight

### DWIGHT '53 AND JO-ANN MASSEY

Though Stevens wasn't co-ed in the 1950s, women were still around Castle Point – librarians and nurses, mothers of students, and, of course, charming young ladies who dated precocious Stevens men. That's how Dwight Massey '53 met a Lasell College grad named Jo-Ann, and they've been together ever since, through raising a family, serving the country, running businesses and seeing the world.

Dwight's father and brother, both named Harold, graduated from Stevens in 1923 and 1949, respectively. The younger Harold introduced Dwight to Delta Tau Delta, and a fraternity brother set sophomore Dwight on a blind date with Jo-Ann, a friend of the brother's girlfriend.

They clicked, and during weekends Jo-Ann would visit Dwight at the Delt house. "The parties were fun," Jo-Ann remembers. "We knew the mothers were very much a part of Stevens because they would decorate their sons' rooms. The rooms would look pretty good then, at least in the beginning of the year."

Dwight roomed with a Delt named Jack Wilcox. When they were getting to know each other, they learned their mothers had been friends at Hackensack High School in the 1920s. Jack and Dwight extended the family friendship for another generation. When Dwight got sick with mononucleosis, Jack helped him. "I missed six weeks, which you just couldn't do at Stevens," Dwight remembers. "Jack was a big help getting me back on track with my studies."

Though Dwight bonded with his Delt brothers and devoted himself to a budding romance, he was also a serious student, a must in those days of high washout rates. "I had to study a lot," he said. "I just acquired work habits. Stevens in those days was, as it is today I'm sure, a pretty disciplining type of education."

Dwight graduated with a degree in mechanical engineering, but before

anything else, he joined the Navy. The Korean War had just reached a tenuous ceasefire, and America was locked in the global Cold War. After eight weeks of officer school in Rhode Island, he and Jo-Ann got married, packed up everything they owned in a new Chevy, and drove to Port Hueneme in California, where they lived in a Quonset hut while Dwight served in the Seabees, the civil engineering corps.

"It was a great start for us," Dwight said. "Experience as a Navy officer gives you the opportunity to do things as a 22-year-old kid you wouldn't otherwise. So, having a wife, a new kind of responsibility, I had enlisted men under me working – it was a quick way to mature."

When his service ended, Dwight contacted a friend of his father, Harold Fee '20, who directed the Stevens Alumni Association. Fee kept a book of letters from older Stevens graduates looking to recruit fellow alumni, including one from Hal Atkinson, Class of 1919, who had married into a family of Spanish expatriates who owned Cuban sugar mills.

"He said in his letter that he was looking for somebody who was willing to sit and add two and two for a few years, and watch some old men grow up and make room for him," Dwight remembers. "And I felt compelled to accept that challenge."

Dwight went to work for the Rionda Group, learning the sugar trade in their mills outside Havana. However, the communist Castro regime seized the mills in 1959. Back in New York, Dwight and three of his colleagues formed a marketing and human capital firm focused on the sugar industry.

"The four of us took that group and grew it to probably number one or two in the world of buying and selling sugar and sugar talent – putting talent together with need," Dwight said. "It was exciting, it was stimulating. We just had the greatest career I could possibly ever have wanted."



*Jo-Ann and Dwight Massey are members of all four Stevens giving societies.*

Dwight's work took him to Europe, Africa, the Middle East and the Pacific. Jo-Ann did more than just go along; while Dwight was at the office, or taking night classes to earn an MBA from NYU, she raised their children, Laura and Stewart.

In the late 1980s, Dwight retired from sugar and pivoted to wealth management. In the 2000s, with his son and one of Stewart's friends, he formed Massey Quick, which now (as Massey Quick Simon) manages over \$3 billion.

Dwight eased into full retirement around 2010, and he and Jo-Ann have devoted their time to family, golf, live theater, travel and serving on various civic, church and college boards. Both have served on boards of Jo-Ann's alma mater.

They've kept in touch with Stevens by supporting scholarships and hosting gatherings for alumni in Florida. Dwight was a trustee, and in 2014, he received the Distinguished Alumni Award for Business and Finance at the annual Stevens Awards Gala. And, Dwight and his old pal Jack Wilcox still talk often, carrying their families' friendship past a century.

Dwight and Jo-Ann have passed their values onto their five adult grandsons. "We're a very close-knit family," Jo-Ann said. "We've been fortunate because we've watched these boys mature into men. We went to every baseball game, every graduation, kindergarten through college, for all five of them. We haven't missed a bit. So that's kept us busy."

"We don't lead a boring life," Dwight added. "We never have."

# PSEG and Stevens: a Powerful Partnership

Colleges and companies looking to collaborate should study the broad, enduring and impactful partnership between Stevens and PSEG, the energy provider to millions in homes, schools and businesses throughout the northeast.

For years, PSEG (the Public Service Enterprise Group) – has supported Stevens by funding scholarships, research and STEM education programs. In turn, Stevens has prepared hundreds of graduates to fill complex jobs at PSEG as far back as the company’s founding, as well as pursued innovation it could use to serve the public.

“Our partnership with Stevens is an example of how industries and universities can work together to advance one another’s missions,” said Ralph Izzo, chairman, president and CEO of PSEG. “PSEG is proud to support the development and enhancement of educational



*Ralph LaRossa '85 is the president and CEO of PSEG Power, PSEG's merchant generation business. At the event, he said he hopes the SU+RE House will inspire children to become interested in STEM learning.*

programs that inspire students to pursue their interests in sustainability. Companies like ours will look to the next generation of innovators

to help with issues such as climate change and energy independence. That requires people with the knowledge, curiosity and creativity.”



*After winning the Solar Decathlon, an international competition sponsored by the U.S. Department of Energy, the SU+RE House (sustainable + resilient) now greets 700,000 annual visitors to the Liberty Science Center.*

In 2015, PSEG made a pivotal contribution to the SU+RE House, Stevens’ winning entry in the Solar Decathlon that year. PSEG then funded transport of the house back from the competition grounds in California and establishing it at the Liberty Science Center as a public information attraction on solar energy and storm resilient housing.

This year, PSEG awarded Stevens \$1.5 million to strengthen their mutual pursuit of energy innovation and public service. In addition to supporting Stevens’ research into energy conversion and storage, the award funds scholarships for students from underserved communities, both for undergraduate enrollment and to attend the university’s pre-college

program, where for two summer weeks high schoolers live on campus, explore college academics and experience residence life.

And there's more. PSEG's generosity will boost CIESE, the university Center for Innovation in Engineering and Science Education, which PSEG has supported since CIESE was founded in 1988. PSEG will support a new curriculum where underserved youth design, build, and test solar-powered devices, wind turbines and more, while also meeting professors and visiting campus labs. Plus, PSEG also signed on as the lead sponsor for *OnStage at Stevens*, the university's performing arts series, which has brought the New Jersey Symphony Orchestra and other notable performers to Castle Point.

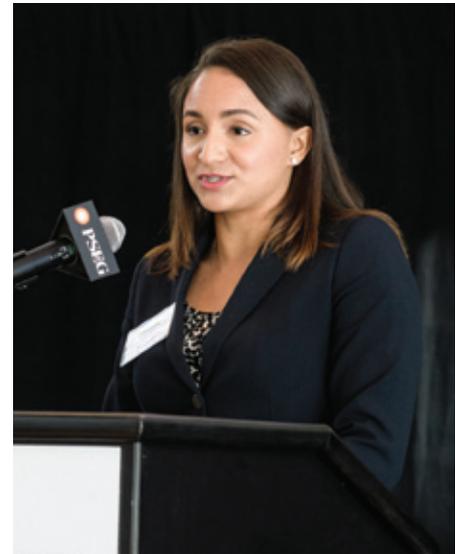
Of course, President Farvardin is grateful. "As result of this partnership," he said at a May event at Liberty Science Center celebrating Stevens and PSEG, "Stevens is going to become a better place, PSEG will benefit, and our entire community will be enriched. I believe this partnership will be transformational, and it will become a national model for fruitful and impactful relationships between universities and industries."

Also at the celebration, professors Stephanie Lee, John Nastasi and Jean Zu spoke about PSEG's impact on faculty. Zu, dean of the Schaefer School of Engineering and Science, noted that the award has enabled Stevens to recruit Jae Kim, a professor from MIT. "A strong faculty lies at the heart of a strong university," Zu said, "and PSEG is helping Stevens to strengthen an already talented

core group of researchers and faculty members."

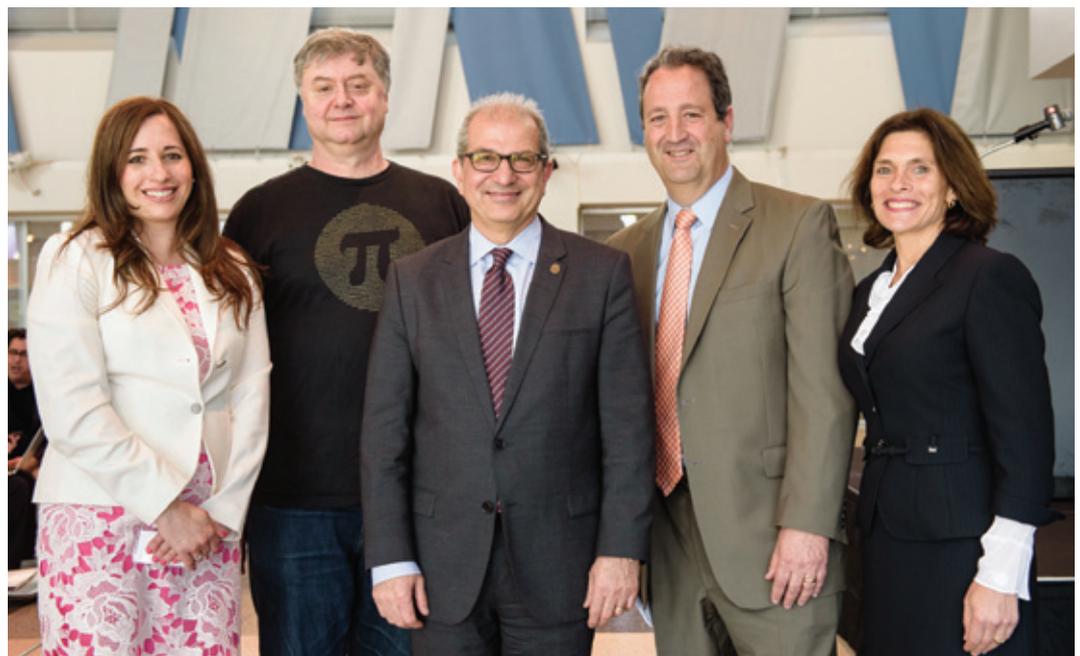
Lee, an expert in renewable solar panels who with support from PSEG is researching lighter, safer and more powerful batteries, concurred. "Our team is focused on making these batteries in a way that is compatible with large-scale, low-cost manufacturing. The PSEG-Stevens partnership has already helped me reframe my research ambitions and goals by providing a platform to share ideas with industry leaders."

To represent the kind of talented students PSEG's generosity will support, Yonaida Brito '18 shared her story of coming to the United States as a young girl, learning from her industrious parents, and earning a degree from Stevens. "My educational pursuits would not have been possible without the generous support from scholarship sponsors like your organization. I want to thank you



*Yonaida Brito graduated from Stevens in 2018 and has begun her career with the Gilbane Building Company. As a student, she served as vice president of the Society of Hispanic Engineers and as the resident advisor at the Lore-El Center for Women's Leadership.*

for believing in the power of Stevens and students like myself who weren't dealt the best set of cards but dreamed big and worked hard."



*From left to right: Maria Spina of the PSEG Foundation; Liberty Science Center CEO Paul Hoffman; President Farvardin; Ralph LaRossa; and Nicole Altneu, assistant vice president for strategic initiatives at Stevens.*

# Long Stevens friendship leads to new tutoring program

Nate Davis '76 will always remember his late friend Art Harper '78, and now, thanks to a gift from Nate, Art's legacy will live on at Stevens in a new program for student success.

Nate grew up the son of teachers in South Jersey, and Art grew up in a blue-collar home in Atlantic County. They enrolled at Stevens at a time when there weren't many students who looked like them on campus, and they bonded through the Black Student Union.

Art, who became the first in his family to graduate college, remembered a rigorous start. "When I first stepped onto the Stevens campus, I thought I was in trouble," he once recalled. "When those freshmen classes started, and I saw the talents of some of my classmates, I said, 'what am I doing here?' I knew it was going to



*With his wife, Linda, Art Harper '78 attended the 2015 Stevens Awards Gala, where he received the International Achievement Award.*



*Seen here speaking at the event that launched the ACES program, Nate Davis '76 is a member of President Farvardin's Leadership Council.*

be tough and I was going to have to work hard to get through it."

"Stevens was tough," Nate said, "but I learned that you have to put in time and work to succeed. When I graduated, I left Stevens feeling I could conquer the world."

While they were building successful careers – Nate as an executive with MCI, Nextel, XM Radio and now as chair and CEO of education company K12, and Art jet-setting for GE's operations in China, India and across Europe and Africa – the two men never forgot to give back.

Both have supported their alma mater, especially with scholarships and initiatives in STEP, the Stevens Technical Enrichment Program (see the story on STEP's 50th anniversary this year on page 4). Art participated

in STEP as a student, and on Saturdays Nate tutored local high school students in a since-lapsed program sponsored by STEP. In 2017, Nate was a leading voice in creating ACES (Accessing Careers in Engineering and Science), which partners with local schools in underserved communities to steer interested students toward STEM learning.

And now, Nate has taken new inspiration from Art, who passed away last September. With support from Art's wife, Linda, Nate has provided funding to reestablish a weekend tutoring and academic enrichment program at Stevens. Launching in 2019, the Art Harper Saturday Program will include tutoring, mentorships, educational excursions and hands-on experiences in engineering. The core objective will be to provide



*Art Harper's senior picture in the 1978 yearbook.*

opportunities for students, who with exposure and nurturing, may be inspired to pursue a STEM degree and create a fulfilling and rewarding future for themselves.

Or in other words, to succeed like Nate Davis and Art Harper. "I am a lucky man," Nate said. "I got an opportunity to go into all these fields, and it changed my life. It changed my family, giving us opportunities we never would have had. Because of that, my dream is now to help others experience the same thing. ACES and the Harper Saturday program are major commitments that Stevens and its partners are undertaking that will change lives and support those motivated students to achieve."

"No one who is successful does it alone; you need help along the way," Art once said. "I've been blessed to be surrounded by great people who've helped me along the way. It all started at Stevens, with the great education I got there."



*In his Castle Point Days, Nate Davis '76, third from the left, was a member of the Black Students Union.*



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## CASTLE POINT CONNECTIONS

At a March luncheon, alumni, friends and students celebrated the power of individual and family scholarships. Mary Ann Cannon '86, an aerospace executive, spoke about how she came to Stevens and why she and her husband started a family scholarship.

