STEVENS

Indicator

FALL 2026

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AI, CREATIVITY AND THE HUMAN TOUCH



THE MAGAZINE FOR ALUMNI AND FRIENDS OF STEVENS INSTITUTE OF TECHNOLOGY

More alumni than ever are finding new ways to stay connected to Stevens. From recent graduates to longtime Ducks, engagement, volunteerism and philanthropy are growing across generations.

MORE GENERATIONS CONNECTED

52.9%
engagement among Class of 2025
More than half engaged in their first year as alumni. Go Ducks!

+7.0%
growth among graduate alumni
Our fastest-growing engagement population.

MORE ALUMNI ENGAGED*

11,108
engaged alumni
A record number of alumni engaged with Stevens this year, the most in university history.

19.5%
engagement rate
The rise in overall rate, from 18.2%, continues an upward trend.

+3.3%
growth across classes
Stevens saw increases across nearly seven decades of graduating classes.

MORE ALUMNI GIVING THEIR TIME

+23.8%
increase in volunteers and +12% jump in philanthropy among 2000s alumni
This highly engaged community gives both time and philanthropic support.

+21.8%
increase in volunteerism among ages 35-54
More mid-career professionals are reconnecting with Stevens.

**Time period for growth: July 1, 2024, to June 30, 2026.*

STEVENS
INSTITUTE OF TECHNOLOGY
1870

STEVENS INDICATOR MAGAZINE
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FALL 2026

THE VIEW

THE COMPOUNDING POWER OF CONNECTION



This year, the Stevens Alumni Association marks its 150th anniversary, and the milestone has me thinking about what sustains a university across generations. It is not simply its buildings or traditions. It is people who keep choosing to remain part of its life.

For a century and a half, Stevens graduates have mentored students, hired one another, returned to Castle Point and given back — not because tradition obligated them to but because they wanted to strengthen the institution and community that helped shape them. The alumni engagement numbers featured on the inside front cover of this issue show that this is not merely a proud history. It is a living tradition, carried forward by today's graduates.

That living tradition has two defining qualities: It deepens, and it widens.

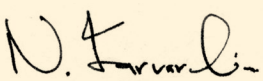
First, the community keeps deepening. Every class that joins the alumni ranks inherits a network built by those who came before and adds to it for those who follow. This is the compounding power of connection: Each relationship, act of service and expression of support makes the Stevens community stronger for the next generation.

Second, the community keeps widening, in whom it reaches and in the ways people can remain part of it. Stevens was recently ranked among the nation's Top 20 online education programs, one reflection of how a Stevens education now extends beyond Castle Point and across the span of a career. Connection to Stevens need not end at Commencement, nor does it require living near Hoboken. Alumni can return as mentors, employers, volunteers, donors and lifelong learners, sometimes occupying several of those roles over the course of their lives.

A university's strength is revealed both in whether its graduates remain close to it and in how many meaningful ways it makes that closeness possible.

As we celebrate 150 years of the Stevens Alumni Association and look toward its next 150, our responsibility is clear: To build the kind of institution people want to remain connected to, and to keep creating meaningful ways for them to do so.

Per aspera ad astra,



Nariman Farvardin
President, Stevens Institute of Technology
president@stevens.edu

STEVENS
Indicator

A Faithful Correspondent



Accolades for another great *Indicator*. I believe that the Spring 2026 issue sets a new standard in terms of content and layout. I never imagined that the 1951 class log would ever become the lead log. And I am really impressed with how you illustrated it, especially with the pic of our very own Stevens Band that provided our graduation music in the Walker Gym. I will provide another 1951 class log for the Fall '26 issue *(Editor's Note: See page 36.)*, but I rely on contacts, and a large-key keyboard and a Marlin reading machine. Both are on extended loan from the indispensable Lighthouse for the Blind of Fort Worth. A friend of mine's favorite saying: Keep on keepin' on.

— Charley Wetter '51

More Hoboken Hotspots

Enjoyed reading Charles O'Brien's article, "The 07030 Experience," in the Spring 2026 *Indicator*. Had a few thoughts on other favorites "back in the day": Schaefer's Diner, down by the train station, and Pat's, on River Street opposite the docks.

— Frank Cashin '70

Strong Leadership on AI

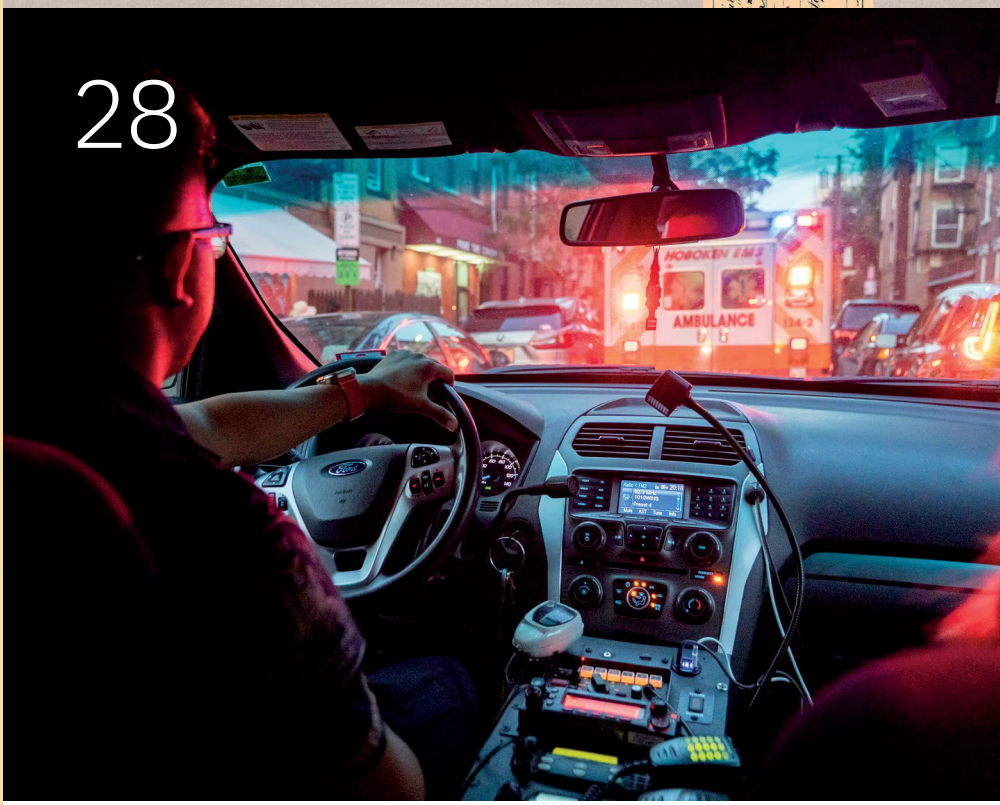
I was happy to read about the establishment of a School of Computing in the Spring '26 issue of *Stevens Indicator* and President Farvardin's discussion of AI in "The View." It is clear that AI is a transformative technology, so I have been following stories about it closely. I was particularly pleased with his statements concerning the "ethical responsibilities that come with that power" and our need for "evaluating their ethical dimensions, understanding their security implications and anticipating their impact on society." We need to harness the power of AI (and science and engineering in general) to address the many issues facing our society and our future. President Farvardin's strong leadership in moving Stevens in that direction is much appreciated.

— Roger Kellman '70

SHARE YOUR FEEDBACK

editor@alumni.stevens.edu





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Stevens is integrating AI literacy into arts education to empower students as both users and developers of these tools.

[HOW-TO]

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Stevens archivists Leah Loscutoff and Ted Houghtaling offer tips on how to organize, digitize and preserve your family history.

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Stevens students gain life-changing experience — and serve the community — in the Hoboken Volunteer Ambulance Corps.

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Swarms of drones could supply wireless connectivity when demand overwhelms local base stations or natural disasters knock them out.

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Cover illustration by Max-o-matic, inspired by Stevens professors Jonah King's "Honey Fungus" virtual reality installation and Teresa Nakra's museum exhibit, "You're the Conductor."

NEWS AROUND CAMPUS

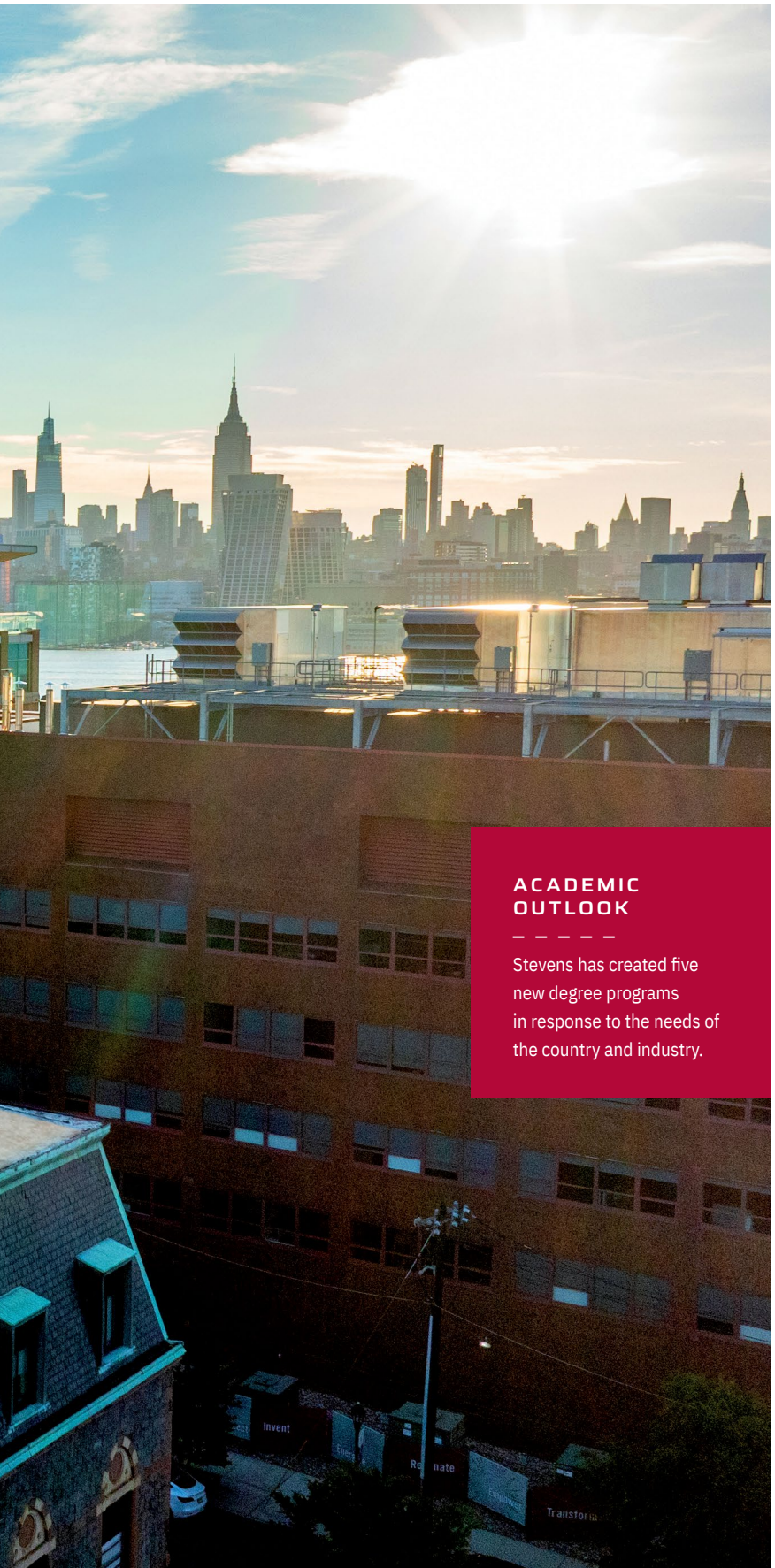
Panorama

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[QUICK BYTE]

Stevens has been named one of America's best colleges by *TIME*, earning the No. 30 spot among 500 institutions nationwide in *TIME*'s inaugural *America's Best Colleges 2026-2027* ranking. *TIME* worked with data research firm Statista; the methodology evaluates institutions across three pillars: student outcomes, learning environment and attractiveness.



Christopher Robinson

ACADEMIC OUTLOOK

Stevens has created five new degree programs in response to the needs of the country and industry.

Degrees for What's Next

BY TRACY ALTEMUS

Responding to industry demands and federal research priorities, Stevens has created five new degree programs, with four of them launching this fall.

A new **bachelor's degree in artificial intelligence** prepares graduates to design, build and lead with one of the most in-demand skill sets in the modern economy. The U.S. Bureau of Labor Statistics projects much faster-than-average growth across computing and data science occupations over the next decade, and employers consistently rank machine learning among the most sought-after skills for new graduates.

A newly launched **master's degree in human-centered AI**, meanwhile, teaches the technical foundations of AI and machine learning while integrating skills in design and psychology for students to better understand people's needs, perceptions and behavior around AI systems.

A new **master's degree in aerospace engineering** comes as the aerospace industry experiences massive growth — marked by the emergence of commercial space companies and high-profile missions like Artemis II.

A new **bachelor's degree in ocean engineering** expands the university's long-standing naval engineering concentration, and it supports critical sectors in national defense, renewable energy and coastal resilience. The program aligns with federal initiatives like the SHIPS for America Act.

And with a new **bachelor's degree in Literature, Culture and Media**, launched last year, students take courses such as Fictions of AI, Storytelling from Myths to Video Games, AI and Society and others in history, media, culture and technology. The program aims to develop well-rounded graduates with strong analytical and communication skills and a deeply informed understanding of cultural history and technological literacy. ✦

[QUICK BYTE]

Stevens has been named to *Money* magazine's *2026 Best Colleges in America*, earning 4.5 out of 5 stars for the third consecutive year. *Money*'s annual rankings evaluate colleges and universities based on educational quality, affordability and graduate outcomes.



Students at work in the renovated Chemical Biology Teaching Lab inside McLean Hall.

A Year of Improvements across Campus

Transformation is underway in spaces where Stevens students discover, innovate and recreate.

LEARN MORE
Stevens.edu/2026-Facility-Updates

BY TRACY ALTEMUS

Stevens continues to invest in the campus to meet the community's evolving needs. The 2025-26 academic year brought a wave of infrastructure investments supporting academics, research and athletics, with several major projects completed and more underway during the current academic year.

McLean Hall has been at the center of significant academic and research upgrades, with three labs receiving complete renovations.

Both the Chemical Biology Teaching Lab and the Organic Chemistry Lab were fully transformed to provide students with state-of-the-art environments for hands-on coursework. Designed with safety and collaboration in mind, the facility pairs modern tools and technology with spaces that encourage interaction among students and faculty. In addition, the Nuclear Magnetic Resonance (NMR) Spectroscopy Lab now houses a 500 MHz NMR machine, providing capabilities in innovative research and education. The lab renovation also involved significant safety enhancements, including oxygen-deficiency monitoring and a dedicated cryogen exhaust system.

Across campus, construction is well underway on the Ruesterholz Tennis Complex, one of Stevens' most visible transformations. This major project is made possible by a generous gift from Virginia Ruesterholz '83 Hon. D.Eng. '08 and Kevin Ruesterholz '83.

Stevens Multimedia team

Targeting completion in fall 2026, the project transforms the North Tennis Courts into an NCAA-compliant athletic venue — featuring a modernized playing surface, bleacher seating for 130 spectators, a digital scoreboard, park-style seating, a welcoming plaza, ADA-compliant entrances and seating and patio space.

The complex will provide varsity teams with a dedicated on-campus home for practices and matches — a benefit that will help attract top student-athlete recruits and allow Stevens to host tournaments and events for the first time.

"Having NCAA-compliant courts is a game changer," says Arik Zeevy '11, head women's tennis coach and alumnus of the men's tennis team. "Our tennis student-athletes are going to benefit so much from this investment. It's going to allow us to host home matches, invitationals and, most importantly, make our home courts a destination for college tennis."

Significant upgrades to the Schaefer Athletic Training Center include enhanced wall padding, new turf and flooring, three new batting cages, advanced perimeter and ceiling netting and a retractable throwing net. The project also added dedicated space for track and field, along with strength and conditioning areas.

The Bissinger Room in the Howe Center has undergone renovation, replacing the curtains with motorized shades, ceiling and lighting upgrades, new flooring, dedicated HVAC units, and new digital technology for events and conferences, while toilet renovations have been completed in Castle Point Hall residences, with additional work scheduled for summer 2027. MPK Complex is undergoing extensive exterior restoration including roof replacement and masonry façade restoration at Morton Hall and dormer window replacement and reconstruction at Kidde and Peirce halls. Completion is slated for winter 2027. ✦

Leading Toward the Future

Brendan Englot helms the new School of Computing.



Brendan Englot, a highly accomplished Stevens faculty member, robotics expert and academic leader, has taken the helm of the new School of Computing, which launched this fall.

Englot joined the School of Computing as its interim dean on August 1 and is leading the school through its two-year launch period. The Anson Wood Burchard Endowed Professor of Mechanical Engineering, he began at Stevens in 2014 and has served as director of the Stevens Institute for Artificial Intelligence. He has 15 years of experience developing and deploying mobile robots and autonomous navigation algorithms via land, air and sea.

A fascination for the multi-dimensional nature of the field of robotics, discovered in his undergraduate years, drove Englot to cultivate the broad perspective and deep expertise needed to thrive in the field: looking beyond mechanical engineering skills, to electronics, programming, design, algorithms and AI knowledge as well.

Englot's research at Stevens has been funded by a wide range of government sponsors, including the National Science Foundation (NSF) and the Office of Naval Research (ONR), along with several industry sponsors. His many honors include the NSF CAREER Award and the ONR Young Investigator Award. He has also been named to AMiner's list of the most influential scholars in robotics. He holds a Ph.D., M.S. and B.S. in mechanical engineering, all from MIT.

The School of Computing will allow students to pursue studies in computing itself, as well as its application to health, finance, the arts and other fields. The school's creation is in response to surging demand for professionals who can apply AI and computing skills within their own disciplines.

MORE
Stevens.edu/Englot-Appointment

[QUICK BYTE]

Stevens is tied for No. 26 nationally for highest salary among its graduates, according to a recent *Business Insider* magazine analysis of federal College Scorecard data. Stevens graduates have median earnings of $113,000 four years after graduation, placing them in the same earnings tier as Yale University and Cornell University.

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STEVENS SOARS IN NATIONAL RANKINGS

Stevens advanced 21 places to No. 59 among 422 national universities in the United States in the *U.S. News and World Report* annual "Best Colleges" rankings released in September, the largest gain of any university ranked in the top 100. Stevens is now in the top 14% of nationally-ranked institutions. The university also ranked No. 21 for outcomes, No. 32 for innovation and No. 65 for best value, while climbing 80 places in social mobility.

The latest rankings reflect changes to the *U.S. News* methodology, which places greater emphasis on factors including student outcomes and social mobility. For Stevens, the recognition aligns with the university's longtime strengths: strong career and graduate-school placements, exceptional return on investment and continued investments in research, innovation and access.

More: **Stevens.edu/USNWR26**



REMEMBERING 9/11

Members of the Stevens community gathered on the Babbio Patio this fall to commemorate the 25th anniversary of the attacks on September 11, 2001, and to remember those lost. Led by Dean of Students Ken Nilsen, the ceremony honored Stevens alumni killed in the attacks: Jerome Lohez M.S. '95, Edgar Emery Jr. M.S. '82, Liming Gu '91 M.Eng. '93, Joseph Pick M.S. '02 and Timothy Hargrave, a former member of the Class of 1984, as well as friends, family and community members with ties to the university who also perished. The remembrance included a bagpipe performance by Ryan Manley '27, a reflection from Brad Miller '06 M.Eng. '08, a reading of Sylvan Kamens' and Rabbi Jack Riemer's poem, "We Remember Them," and taps played by Stevens Chief of Police Timothy Griffin.

SIMPLY THE BEST

Lauren Sullivan '26 was named the Division III Scholar-Athlete of the Year by the Intercollegiate Women's Lacrosse Coaches Association, marking the second straight year a Stevens student-athlete received the organization's highest individual academic honor. Sullivan was one of 17 students named First in Class at the 2026 Commencement and received the Lawrence C.F. Horle Memorial Award for achieving the highest cumulative GPA among graduating seniors. On the field, she was a three-time All-American, an unprecedented four-time MAC Freedom Defender of the Year and helped the Ducks reach the NCAA Tournament in each of her four seasons on Castle Point.

More: **Stevens.edu/Sullivan-Award**





A WINNING L.I.N.C.

A Stevens student team — Noah Golan, Christian Osowski, Dominic Souza, Adrien Susino and Jared Surajballi, all members of the Class of 2027, and former student Mauricio Sanchez — was named one of two champions of the Port Authority of New York and New Jersey's College Challenge: Vehicular Tunnel Catwalk Robotics this past summer.

Advised by Anthony Shupenko, teaching associate professor in the Department of Civil, Environmental and Ocean Engineering, the students designed a prototype called L.I.N.C. (Lincoln Investigation and Navigation Cadet) to patrol the Lincoln Tunnel's catwalks, detecting hazards and relaying information to tunnel operators to speed emergency response. Equipped with cameras, artificial intelligence and thermal imaging, the robot underwent an overnight test inside a closed tunnel tube, to test its obstacle avoidance and autonomous navigation systems. The project spanned two years.

More: **Stevens.edu/LINC**

Top center: Ben Good; Above right: Dave Janosz

Conversation Starters

"The language element of these models bridges the gap between an expert robotics engineer and an employee in the warehouse."

Brendan Englot, professor and interim dean of the School of Computing, explaining how AI-enabled drones can make robotic systems easier for warehouse workers to use without specialized robotics expertise. The story was published in *Business Insider* on June 26, 2026.

"If these events get more frequent, there are lasting damages."

Marouane Temimi, associate professor with Stevens' Charles V. Schaefer, Jr. School of Engineering and Science, shared his perspective on "ecosystem and infrastructure fatigue," in which repeated extreme events can cause lasting damage to natural systems and infrastructure. Temimi was speaking about the critically low water levels in Lakes Mead and Powell, the two largest reservoirs in the U.S., amid prolonged drought and extreme heat affecting the Colorado River. The story was published by *Bloomberg* on July 1, 2026.

"[Over the past 20 years], there's been a doubling or tripling in the number of floods that you typically see per year for most of the New Jersey coastline."

Philip Orton, research associate professor with Stevens' Charles V. Schaefer, Jr. School of Engineering and Science — who studies storm surges, sea-level rise and coastal engineering and adaptation — spoke about increased flood events. The story was published in *Asbury Park Press* on May 22, 2026.

"Physical safety is a first thing. I'm not going to test that … before I know the capability of this humanoid robot."

Yi Guo, professor with Stevens' Charles V. Schaefer, Jr. School of Engineering and Science, who studies human robot interactions, cautioned against deploying humanoid robots before thoroughly testing them. The story was published in CNET on August 23, 2026.

Castle Point



Raju Datla Ph.D. '96, research associate professor with the Department of Civil, Environmental and Ocean Engineering and a researcher with Davidson Laboratory, has been appointed a NAVSEA Professor of Naval Engineering by the U.S. Naval Sea Systems Command, among 10 faculty nationwide selected. The designation is part of Naval Engineering Excellence for the U.S. Navy, a new federal initiative designed to strengthen the pipeline of engineers who will design, build and sustain the Navy's most complex maritime systems.



Samantha Kleinberg, Farber chair professor with the Department of Computer Science, has received a three-year grant from the John Templeton Foundation for her project, "Explaining Why: A Multidisciplinary Approach to Token Causality." Kleinberg combines philosophy, computer science and psychology to create a framework for token causality, or why a particular event occurred in a specific case.



Alex Wellerstein, an associate professor with the School of Humanities, Arts and Social Sciences, has published *The Most Awful Responsibility: Truman and the Secret Struggle for Control of the Atomic Age* (HarperCollins, 2025). The well-reviewed book — "Thoroughly researched, grippingly told and startling," according to *The Economist* — re-examines the decision to drop the atomic bomb on Japan and why it has not been used since.

MORE CAMPUS NEWS
Stevens.edu/News

Final Exam

Taking CTRL of Smartphone Use

A student team designs an app to restore focus, avoid doomscrolling.

BY JOAN CRAMER

It couldn't be more timely: an app designed by four Stevens seniors to help their peers, and themselves, resist the pull of addictive social media algorithms. The goal: to take back control of their phones, their time and their ability to focus on what matters most.

"That's why we called it CTRL," says Hazem Abo-Donia of the Senior Design project he developed with three friends and teammates — Mohamed Bengabsia, Omar Elkhafif and Brandon Peralta, all Class of 2026. "We didn't want people to feel they were being restricted from using their phones. We wanted them to feel they have *control* over their phone use."

The team of three software engineering majors and one mechanical engineering major (Peralta), which took second place and a $5,000 prize in this year's Ansary Entrepreneurship Competition, was originally organized by Bengabsia to pursue a more ambitious project: an EEG headset that could translate thoughts into words.

"We quickly realized it wasn't feasible, given the cost of the hardware and our limited timeline," Abo-Donia says. But the team had been thinking how exciting it would be if they could use the device to monitor their ability to focus.

"That's how we started pivoting towards CTRL, software designed to counteract algorithms produced by companies to addict you," he says.

With guidance from their advisors David Darian Muresan, professor of systems engineering [see sidebar], and Matthew Rhys Wade, who runs the Ansary Competition, they realized they needed to consider why they were making the product, who would use it, and what those users actually wanted and needed, *before* embarking on the design process.

"We wanted to build something *we* would use," says Elkhafif. "We felt our phones were robbing us of time, that we'd lost a lot of our ability to focus. So we did interviews and online surveys to find out if other students felt the same, and they did. It was like, 'I'm spending a third of my day on the phone, a third sleeping, and when am I actually living?' It was scary."

They say the app is distinct from apps being produced by competitors because it doesn't infantilize users by simply blocking social media sites or penalizing them for "doomscrolling." Instead, they provide a menu that allows users to tailor their own strategies — focus sessions, brain-healing techniques to help them re-focus, options of blocking only the most addictive social media features, and choosing when to be notified that they've unconsciously descended into scrolling.

Post-graduation, all of the team members have full-time jobs in their respective disciplines, but they are committed to getting the app approved for the App Store, and then continuing to refine it.

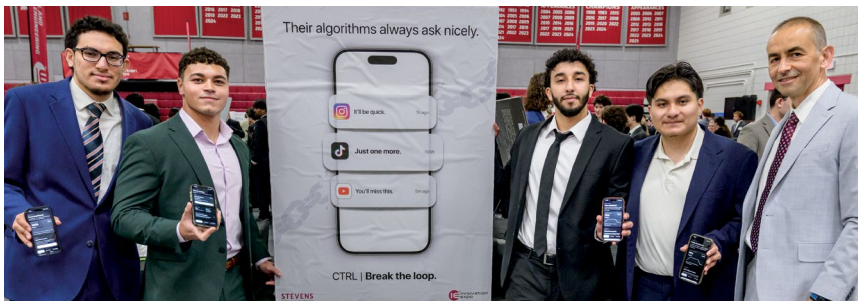
"This is very personal to us, which is why I think we got so far in the competition," Elkhafif says. "We are determined to make it happen." ✦

LIGHTING THE FIRE IN BUDDING ENTREPRENEURS

Senior Design, a two-semester capstone experience, and the Ansary Entrepreneurship Competition offer Stevens students an extraordinary opportunity to use everything they've learned "to build a product that could have a real impact on society," says David Darian Muresan, professor of systems engineering and advisor this past year to nine Senior Design teams, including the creators of CTRL.

Muresan, recipient of the 2024 Henry Morton Distinguished Professor Award, sees Senior Design as lighting an entrepreneurial "fire in the heart" of his students, instilling a lifelong confidence in their ability to create something new.

An industry veteran and entrepreneur, Muresan teaches his interdisciplinary teams to apply the formal processes of systems engineering to their ideas, which "almost guarantees a successful outcome," he says. "I tell my students if you want to go fast, slow down and build a map before you go."



The CTRL team, from left: Omar Elkhafif, Hazem Abo-Donia, Mohamed Bengabsia, Brandon Peralta, with adviser professor David Darian Muresan.



Beatriz Ortiz

THE POWER OF RESEARCH

Impact

14 Cited
15 Strategic Connections
16 Torch Bearers



Wireless Coverage on the Fly

Swarms of drones could supply wireless connectivity when demand overwhelms local base stations or natural disasters knock them out.

BY ADAM HADHAZY

Wireless networks have become indispensable for modern life, connecting people through their mobile devices to each other, businesses, services, emergency alerts and more. Cell phone tower base stations form the physical backbone of this network. In many areas and scenarios, however, the strain on these stations is growing, with slow connections or outages leading to frustration at minimum or peril at worst.

To address these times when the existing system cannot meet bandwidth needs, researchers at Stevens are developing a novel drone-based solution.

"Wireless coverage has historically been from the ground, but we need a more flexible, more agile solution, and we can get that from moving to the air with drones," says project leader Ying Wang, an assistant professor of systems engineering in the Charles V. Schaefer, Jr. School of Engineering and Science at Stevens.

Like a pop-up network or network-on-demand, a swarm of drones can be deployed to provide extra coverage, linking up with available towers, Wang notes. This ad-hoc approach can immediately enhance search-and-rescue efforts after infrastructure-wrecking natural disasters, for instance, or temporarily boost data capacity during major social events such as sports championships. Drone swarms could also extend coverage to little-served rural regions more economically than satellite-based options, as well as augment dense city centers where high costs and limited space hinder the installation of additional base stations.

The researchers have dubbed their project AURA-GreeN, for Aerial Utility-driven Route Adaptation for Green cooperative Networks. It involves developing software that enables each drone in a swarm to act as a miniature base station and actively integrate with its fellow drones in efficiently allocating available wireless spectrum, while also conserving power and adjusting as bandwidth demands fluctuate.

Critical to success is keeping the so-called age of information (AOI) low, meaning that the data remain fresh, moving quickly from point to point as close to real-time as possible. In a recent study in *IEEE Transactions on Vehicular Technology*, led by Wang's Ph.D. student Ishan Aryendu, the Stevens researchers describe how their software — which can be implemented across various types of drones — at this point can effectively improve AOI performance about fivefold, from a rough baseline of 100 milliseconds to 20 milliseconds, all within conceivable power limits.

Wang and colleagues are continuing to hone their swarm solution in the lab with an eye toward conducting field work in the near future.

"We're very excited about this project," she says. "We see opportunities to bring wireless coverage to where it's needed on short notice." ✦

Strengthening Coastal Storm Monitoring

Hurricanes, nor'easters and other coastal hazards can reshape shorelines and damage infrastructure, making timely information critical to disaster preparedness and recovery. Researchers in the Charles V. Schaefer, Jr. School of Engineering and Science are expanding their ability to capture that information with the Stevens Extreme Event Coastal Preparedness and Response System (SEECPRS), which collects high-resolution data before, during and after storms.

The system combines a drone equipped with light detection and ranging (LiDAR) technology and a high-resolution camera with an uncrewed surface vessel that uses side-scan sonar to map the seafloor and submerged objects. Together with flood sensors, these technologies allow researchers to assess conditions above and below the waterline. This fall, SEECPRS will be deployed on projects across New Jersey to monitor beaches during major storms, study sediment accumulation and investigate marsh loss. Data collected could improve forecasting models, inform resilient design standards and strengthen long-term coastal preparedness.

Improving Hydrogen Fuel Cells

Hydrogen fuel cells can generate electricity without producing carbon emissions, but making the technology more affordable depends in part on developing membranes that efficiently transport ions without relying on expensive materials. Benjamin Paren, assistant professor in the Charles V. Schaefer, Jr. School of Engineering and Science, and collaborators studied several polymers used in anion-exchange membranes, which can operate with less expensive catalysts such as iron and nickel.

The researchers expected more flexible polymers to form better pathways for ion transport. Instead, they found that some relatively rigid polymers developed the most well-defined channels after absorbing water, allowing ions to move more efficiently through the material. Published in *Macromolecules*, the findings could help researchers improve anion-exchange membrane design, potentially resulting in cheaper and more sustainable fuel cells and electrolyzers.

Ella Sampò

Cited

After the Storm

"Where [they were] mistaken for tsunamis, there was likely a coincidence of high tide, the continental shelf seiche and very large storm swells."

Philip Orton, research associate professor at Stevens' Charles V. Schaefer, Jr. School of Engineering and Science, describing a little-known phenomenon (continental shelf seiches) in which water levels can rise again hours after a storm passed. The phenomenon has historically affected coastal areas of New York and New Jersey. ✦

Continental Shelf Research, August 2026



EFFICIENCY IN AI

"So you are no longer sending the entire encyclopedia when only a few key definitions have changed."

Denghui Zhang, assistant professor at Stevens' School of Business, on a new algorithm that allows large language models to learn faster and more efficiently while also using less energy.

Open Review, April 10, 2026

QUANTUM CLOCKS

"Time plays very different roles in quantum theory and in relativity."

Igor Pikovski, assistant professor at Stevens' Charles V. Schaefer, Jr. School of Engineering and Science, speaking about a quantum superposition, a phenomenon in which atomic clocks tick faster and slower at the same time.

Physical Review Letters, April 20, 2026

CLEAN DRINKING WATER

"Rather than focusing on developing a specific catalyst, we did something fundamentally different. We built a roadmap, a framework for creating better catalysts faster."

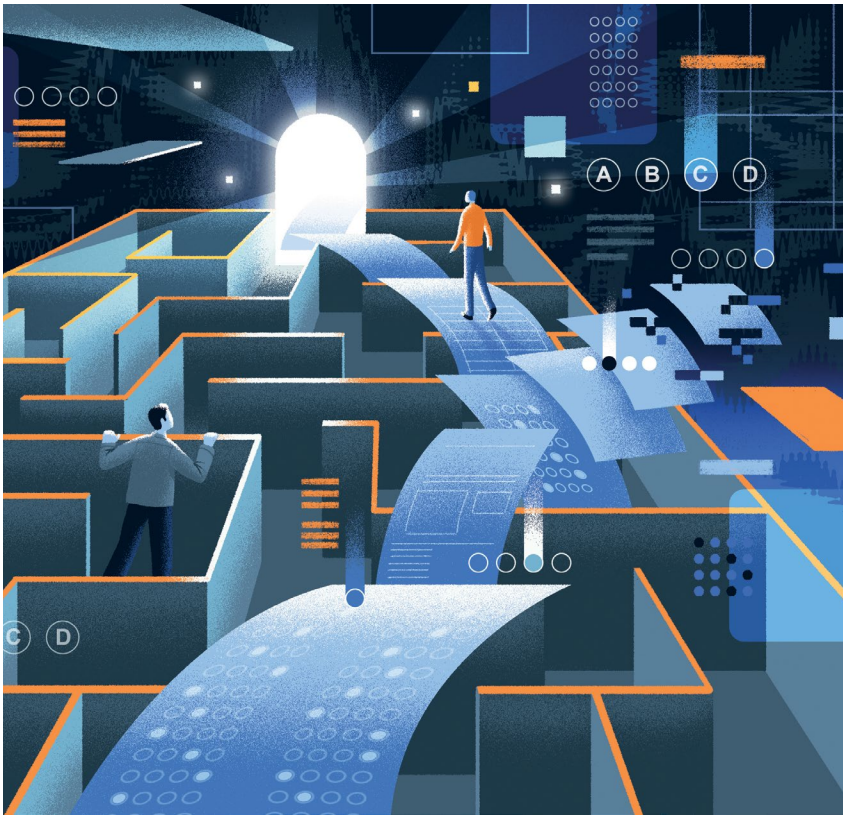
Tao Ye, assistant professor in Stevens' Charles V. Schaefer, Jr. School of Engineering and Science, describing a new AI-driven approach to identifying novel catalysts that remove harmful nitrates from drinking water. The framework analyzes research to predict catalyst combinations that efficiently convert nitrates into water and nitrogen gas while minimizing toxic byproducts.

Environmental Science & Technology, May 28, 2026

MORE MEDIA HIGHLIGHTS
Stevens.edu/In-The-News

[QUICK BYTE]

***Princeton Review*'s "The Best 392 Colleges: 2027 Edition" ranks Stevens No. 2 in the country for "Best Student Support and Counseling Services" and No. 3 on its "College City Gets High Marks" list. These two rankings are based on *Princeton Review*'s surveys of students who attend those 392 colleges.**



Matt Chinworth

Opening Doors to AI Careers

A new program bridges AI learning with professional opportunities.

BY CHARLES O'BRIEN



Benjamin Gill '90, Partner, PwC (formerly Pricewaterhouse-Coopers)

"[I tell students to] try to keep as many doors open as possible because you never know how your career and your personal life might evolve and where that might lead."



Woo Lee, Professor and Department Chair of Chemistry and Chemical Biology

"What's important is human interactions, human engagement, connection, networking, learning from each other."

Woo Lee, professor and department chair of Chemistry and Chemical Biology in the Charles V. Schaefer, Jr. School of Engineering and Science, believes that preparing students for a world increasingly shaped by artificial intelligence requires more than simply bringing AI into the classroom.

Through Stevens' growing Artificial Intelligence in Biology and Chemistry (AiBC) Community, Lee and his colleagues are working to connect career exploration and AI-enabled research with hands-on experiences, including summer programs, internships and apprenticeships. A recent four-week summer program, for example, brought together students from Stevens, Saint Peter's University and Hudson County Community College to learn about using AI in drug discovery.

As AiBC continues to grow, Lee sees industry partners as an important bridge between learning experiences and the professional opportunities that can follow.

One example is PwC (formerly PricewaterhouseCoopers), whose connection to AiBC grew through Benjamin Gill '90, a PwC partner/principal who initially returned to Stevens looking to give back. As a Stevens student, Gill gained research experience through both the Undergraduate Projects in Technology and Medicine (UPTAM) and Stevens Scholars programs and participated in the co-op program, where a professional connection helped lead to his first job at Merck. He later joined the department's external advisory board and began speaking with students about career pathways beyond more traditional options such as medical school or laboratory research.

"[I tell students to] try to keep as many doors open as possible because you never know how your career and your personal life might evolve and where that might lead," Gill says.

"He's opening up students' minds," Lee says.

Gill has since personally supported student summer experiences and is working through his alumni and professional networks to develop internships. He also helped bring PwC into the growing AiBC network, first through sponsorship of its inaugural Community Workshop and later through a PwC Foundation grant supporting the community's development.

Lee is looking to build similar connections with other companies. He sees three avenues for growing those relationships: company-sponsored programming, internship opportunities and larger corporate foundation support.

"What's important is human interactions, human engagement, connection, networking, learning from each other," Lee says. ✦

Learn more: **Stevens.edu/AIBC**

[STUDENT RESEARCH]

Editor's Note: "Student Research" is a new column highlighting the outstanding work of Stevens' student researchers.

Programming the Law

As legislation is increasingly translated into computer code so that software can apply complex legal rules, how can legal professionals without programming experience work with that code?

Nicholas Russo '26 explored that question through a Human-Computer Interaction course project at Stevens. The computer science graduate, now pursuing his master's in Stevens' Accelerated Master's Program, created CatalaBlocks. The visual programming environment, which allows users to arrange its elements as on-screen blocks, is based on Catala, a programming language that allows laws to be translated into rules a computer can execute.

With encouragement from School of Computing assistant professor Jonggi Hong, Russo continued the project with fellow Stevens researchers. After an initial study helped refine CatalaBlocks, they tested it with 10 legal professionals with no programming experience. Participants using CatalaBlocks completed tasks faster, produced more accurate code, reported less difficulty and expressed greater confidence that their work reflected the intended legal logic than those using text-based Catala.

Russo and his collaborators used reviewer feedback to refine the research before it was accepted by the Association for Computing Machinery's Designing Interactive Systems Conference. Russo presented CatalaBlocks at the conference in Singapore last June. "Presenting at a conference was also an exercise in bridging across domains to make the contribution clear, accessible and succinct," he says.

Russo's work at the intersection of law and technology extends beyond his research. He also founded the *Stevens Journal of Law and Technology*, creating a publication opportunity for undergraduate and master's students exploring the relationship between law or policy and technology or science. The journal accepts submissions from students outside Stevens, with its second edition featuring work from schools including Columbia University and the United States Air Force Academy.

Torch Bearers

PASSING DOWN KNOWLEDGE



Michael Marquand

Math as Miracle

Eye-opening experiences can go both ways.

BY BETH KISSINGER

Professor Jan Cannizzo's unabashed love of math springs naturally into his everyday conversation, as he quotes history's great mathematicians. One of his favorites, paraphrasing Galileo: "Mathematics is the language in which the universe is written."

The award-winning professor — who earned bachelor's and master's degrees in mathematics from Stevens in 2007 and a Ph.D. in mathematics from the University of Ottawa — has spent his career as a math educator and innovator. He's the perennial coordinator of the Stevens Math Circle Initiative, an enrichment program for elementary and middle school students aimed at inspiring and nurturing a love for math, and has helped to organize the Stevens Mathematical Olympiad competition for local schoolchildren.

In his class, you might see a brief lecture, then students working in

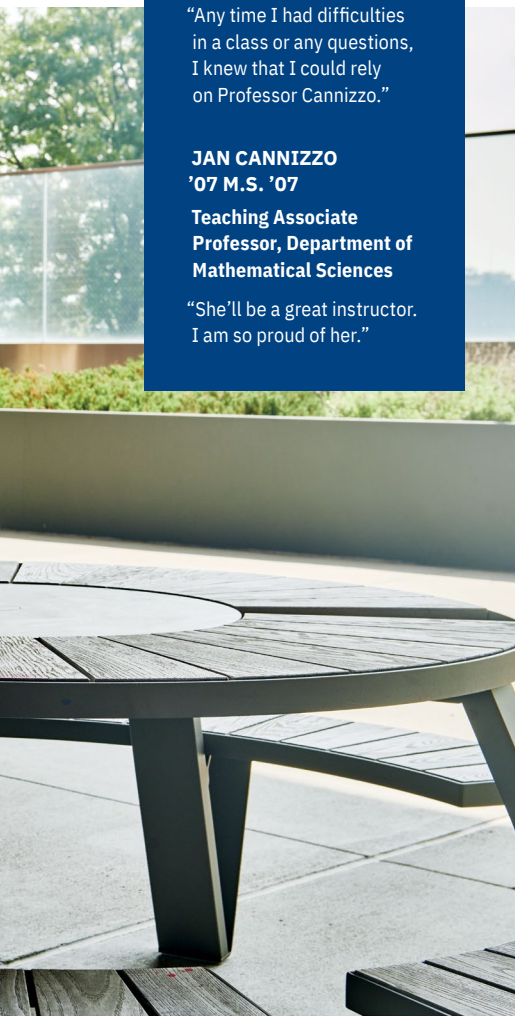
KATHERINE FUENTES ’26

“Any time I had difficulties in a class or any questions, I knew that I could rely on Professor Cannizzo.”

JAN CANNIZZO ’07 M.S. ’07

Teaching Associate Professor, Department of Mathematical Sciences

“She’ll be a great instructor. I am so proud of her.”



groups, with Cannizzo roaming the room, speaking with students and answering questions. You may see students tackling a calculus problem, with polling software immediately telling him who’s getting it and who needs more time. *(See sidebar on a new AI tutoring tool for calculus homework developed by Cannizzo.)*

“I try to carry across in what I’m teaching my own love of mathematics,” Cannizzo says.

“It feels like a small miracle that every human being has a capacity to do mathematics.”

His student Katherine Fuentes ’26 was a standout, and not just because she was among the First in Class of her Stevens graduating class, with a perfect 4.0. This fall, she joined Binghamton University to pursue a Ph.D. in mathematics, with plans to become a university professor.

But her academic journey was far from certain.

Growing up in West New York, New Jersey, Fuentes was a math whiz and a popular tutor. “I would help them, and it would always feel really nice,” she says.

She was the first in her family to attend college; most of her family had not completed high school, having fled El Salvador during the country’s 12-year civil war. She and her mom lived with her aunt and uncle; her family offered steadfast support and faith in her. But she faced tough classes, college tuition bills, and the future seemed uncertain. College felt like traveling through a tunnel, she explains. “My entire time I was at Stevens, my question was always, ‘What am I going to do next?’”

The ADAPT Scholars program at Stevens — funded by the National Science Foundation — offered scholarships and mentors to talented first-generation college students like Fuentes. Cannizzo became her mentor.

He was always ready to help, she says. They discussed difficulties with classes, courses she should take and the road ahead. In Cannizzo, Fuentes also saw the type of teacher she wanted to be; she thrived as a teaching assistant this past year. She plans to mentor other first-generation college students.

Cannizzo describes Fuentes as “a great student” who opened his eyes to the struggles and resilience of first-gen college students.

“Going forward,” he says, “she’ll be a great instructor. I am so proud of her.” ✦

FROM CREMATION TO CREATION: AN AI TUTOR FOR CALCULUS

Students from all disciplines — from engineering to business to visual arts majors — are required to take at least an introductory calculus course at Stevens. Generations of alumni have bemoaned the rigors of calculus; many decades ago, students marked the end of their calculus classes with the annual “Calculus Cremation” where they put calculus on trial, always found it guilty and burned a calculus effigy.

The bonfires are part of history, but the challenges of calculus remain. So, mathematics professor Jan Cannizzo and lecturer Paul Schwartz, with grant support from Stevens’ Teaching and Learning Center, have developed and launched an AI tutoring tool this fall in two foundational calculus courses to help students improve their performance while mastering first-year calculus.

More than 400 first-year students enrolled in Differential Calculus or Integral Calculus have access to the new tool.

Working with the AI tutor will replace traditional homework assignments, allowing students to practice calculus problems at their own pace, with unlimited practice and feedback until they master the work. The AI tutor collects data and tracks each student’s progress and learning tendencies and helps them prepare for assessments that take place in the classroom.

“During class, the emphasis is on active learning and social interaction,” Cannizzo says. “I think there is a case for using ancient methods — like Socratic dialog — inside of the classroom and cutting-edge technology outside of the classroom to support learning.”



THE ART OF THE POSSIBLE

BY MARC SHAPIRO

ILLUSTRATIONS BY MAX-O-MATIC

AI, CREATIVITY AND THE HUMAN TOUCH

Stevens is integrating AI literacy into arts education to empower students as both users and developers of these tools.

A network of mycelium grows all around as multi-colored, mushroom-like creatures dance. Soothing voices read earth-conscious love poems as psychedelic textures morph into soil, then mountains. This is Jonah King's "Honey Fungus," a sci-fi virtual reality installation inspired by the fungal reproductive cycle. "You go through a world, and it's interactive, so you can touch things and engage with them," he explains.

A professor of interactive digital media in Stevens' School of Humanities, Arts and Social Sciences (HASS), King created the work with a little help from artificial intelligence — using a GAN, or Generative Adversarial Network, to be precise.

He trained the GAN using images of an avant-garde Japanese dance style called *butoh* and images of mushrooms to create those dancing figures. The poems were created by training GPT-1, an early large language model, on all of the Smithsonian botanical field research, combined with thousands of pages of open-source love stories. (Large language models, like ChatGPT, are trained on large amounts of text to generate human-sounding text.)

The piece premiered at South by Southwest, the annual creative cultural festival in Austin, Texas, in 2025 and has since toured more than 20 international venues.

"I'm actually amazed at the life it has had because it's so strange," King says.

HASS, with its B.A. programs in music and technology and visual arts and technology, draws innovative thinkers like King who are teaching students to harness their creativity in a technologically fast-moving world. Both programs are preparing students for careers as sound engineers, music producers, graphic designers, filmmakers and game designers.

Now, as AI is emerging as the latest tool in the creative toolbox, Stevens faculty members and students are wrestling with its implications, scrutinizing the tools and exploring the creative possibilities as the technology develops at warp speed.

"AI is here, love it or loathe it. It's just a big steamroller," King says. "So it has become part of the responsibility for educators in this space to really show students how it works."

A WORLD OF POSSIBILITIES

AI has endless applications in the arts, seemingly limited only by the imagination of the human using it.

In filmmaking, AI tools can add a moving train in the background of a shot, change the shirt of an actor and add rain to a scene. "Some of those shots might be $50,000 to $100,000 per shot [to film]," says Christopher Manzione, who leads the moving image concentration offered within the B.A. in visual arts and technology. "You can now do those on your own in maybe a half hour or an hour."



"AI IS HERE, LOVE IT OR LOATHE IT. … SO IT HAS BECOME PART OF THE RESPONSIBILITY FOR EDUCATORS IN THIS SPACE TO REALLY SHOW STUDENTS HOW IT WORKS."

Jonah King



"I'M FIRMLY IN THE CAMP OF NOT WANTING AI TO TAKE OVER OUR CREATIVE GIFTS, BUT RATHER TO POTENTIALLY SUPPORT US."

Teresa Nakra

In game design and 3D animation, AI tools can automate animation, create worlds within games and program character movement and behavior. In music, AI tools can produce accompanying instrumental parts to a piece of music, suggest post-production effects and create songs based on text prompts. In visual art and photography, the editing and effects are endless.

And these are some of the more elementary AI tools available today. In a way, they democratize the arts, allowing just about anyone with a phone or computer to create in ways previously unimaginable or unattainable.

What it all means is anyone's guess. Will AI displace artists? Are these tools adjunctive to the artistic process, or do they take the process over? Do humans remain central to the future of art?

The answers to these questions are complex and ever-evolving. At Stevens, faculty members engage with AI in their own work, looking at AI models with a critical, analytical eye, and teach students how to engage in this space in a meaningful way. Stevens also fosters collaboration between departments and their students — engineering and business professors work alongside those from HASS, for example, and conduct research at the Stevens Institute for Artificial Intelligence.

"We've carved out our own niche by finding people who are working at the intersection of various kinds of art and technology, having them bring their research practice and creative practice here, and also bring that into the classroom," says HASS Dean Kelland Thomas.

TEACHING THE TOOLS

HASS faculty members advocate for AI literacy, teaching students about the history of AI, how the tools work and showing them how to manipulate open-source models (tools that can be modified) rather than simply relying on closed-source models from major tech companies. This allows students to become developers and programmers rather than just users.

"I see AI systems not as things that are handed to us that we use. I see them more as systems that we have the opportunity to build and can make decisions about," says Teresa Nakra, director of the music and technology bachelor's degree program.

Nakra has been interested in the intersection of music and technology and AI for decades. In the 1990s, as a graduate student at MIT, her office was near that of the late Marvin Minsky, a mathematician and computer scientist known as the "father of artificial intelligence." The two would often discuss AI and music.

In her own work, Nakra designed a wearable device for orchestral conductors and software that captured their gestures. Using that information, she created a museum exhibit, "You're the Conductor," in which people could conduct a recording of the Boston Pops using an infrared baton. Larger gestures would mean the orchestra played louder. Faster conducting meant a faster tempo.

In a course she taught last fall, AI and Machine Learning in Music, Nakra tried to demystify AI for her students. She had a Spotify engineer explain how the company's algorithm works to provide its users music recommendations. She


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MULTIMODAL MODEL (V1)

showed her students tools that can generate music based on a few adjectives, then open-source tools where they can "get under the hood" and change parameters and algorithms.

Among the tools were Google Magenta, which can be fed a melody or chord progression and come up with variations, and Wekinator, which allows users to build interactive systems based on human actions and gestures.

Key to Nakra's message to students: "The responsibility lies with us to figure out what level of support and assistance we want AI to provide," she says. "I'm firmly in the camp of not wanting AI to take over our creative gifts, but rather to potentially support us."

That resonated with Yehoshua Auerbach '27. His final project for Nakra's AI and Machine Learning in Music course involved using ChatGPT to turn Edgar Allan Poe's "The Tell-Tale Heart" into a series of chord progressions that could be turned into a score using a creative coding tool called Max. But the resulting composition, Auerbach found, turned out to be too happy sounding for the dark, gloomy Poe story.

Auerbach's experience, in many ways, exemplifies the current state of AI in the arts. While these tools are capable of amazing feats, they need "a lot of finessing, fine-tuning and human input that is guided by our ingenuity and our problem-solving," as he puts it. And, perhaps most importantly, any resonant piece of art needs to be created via real human emotion.

As King says: "The artifacts of culture that have genuinely moved you, it's usually because you see a part of yourself, that maybe you had trouble articulating, being perceived and reflected back to you. AI, as it stands, for all the metaphysical attributes we're ascribing to it, it's just large-scale data aggregation."

Nakra says that while her class received positive feedback from students, she, like her faculty colleagues, has experienced a number of students skeptical of AI who wanted to use the tools very little, even after engaging with them. Still, she thinks it's important for them to be knowledgeable in this space, as AI will continue to impact the arts.

"We should ensure students aren't just users of these systems; they really need the developer skillset," Nakra says. "It's critically important for students to learn how machine learning systems work, implement them and modify them and test them on real data."

Manzione agrees. "I think it would be a disservice to our students … if we didn't fully embrace this and understand what we're doing, because they need to come out of their schooling with a really good grasp on all these tools," he says.

For Auerbach, his experience using AI has helped shape his intended career path. For his senior thesis, he is designing an immersive sound installation where the soundscape a person hears through wireless headphones changes as they move through the physical landscape. While Auerbach originally planned to work in recording studios, he has become more interested in installation work, multimedia projects and sound design. And, if used with purpose, he believes AI can serve his creative vision rather than be a means to cut corners.

"It's not, 'Oh, let me use this to make my life easier,'" he says. "It's more, 'This tool creates an effect and creates a dynamic that serves art in a way that other tools would not.'"



FOR ARTISTS, THE TOOLS FEEL MORE LIKE COLLABORATORS THAT CAN BE INCORPORATED INTO A LARGER ARTISTIC VISION.

Christopher Manzione

LOOKING TO THE FUTURE

It's easy to panic over AI and cast it as this boogeyman coming to take jobs and supplant artists, computer programmers and content creators. AI certainly does have the potential to drastically change multiple disciplines and industries, and while there are major issues to contend with — labor, ethical, environmental, global — Stevens faculty members in HASS say the conversation demands nuance.

"I have a suspicion that a lot of the people who are really critical of AI image and video generation haven't spent a lot of time trying to make something with them, because it doesn't do what you want it to — almost ever," King says. "There's skill in creating an AI work as an artist. It's not the shortcut it's being made out to be."

For artists, the tools feel more like collaborators, Manzione says, that can be incorporated into a larger artistic vision. He thinks artists could be ideal users of these tools. In film, for example, "there's a whole handmade quality to it" — creators have to build out a visual language, characters, voices and a story.

"You have to know what to ask for, you have to have the language to ask for it, then — once you get the thing back — you have to do something with it," he says. "It's not an endpoint."

As AI technology continually advances, HASS faculty members plan to continue to teach students to engage with AI in a holistic manner to prepare them for a world in which AI is part of their creative workflows.

"You're going to need to understand how to use these technologies while critiquing them at the same time," Thomas says. "From that perspective, new approaches and new relationships to these technologies will emerge."

King believes students will have to be nimble as AI may displace certain kinds of execution contract work — such as specific types of animation or illustration.

He says artists instead need to look at themselves as creative directors with a plethora of tools to execute their ideas. "You create a world, you build your visions, and then people are hiring you because they like your voice, they like the textures of your work and the things you stand for," he says. "Artists are these interdisciplinary entities who pull from all sorts of places and are hopefully useful in a cultural sphere as a cultural producer."

Each professor goes back to the same truth ultimately — that art communicates the condition of being human, and only humans can do that.

"There is a sacred dynamic to creative expression that helps us feel better, feel less alone; expresses our innermost thoughts and feelings; and provides a therapeutic mode of engagement that allows us to work out our innermost thoughts," says Nakra.

"It's one of the most important things that helps us get through life. And so to that extent, I can appreciate why artists and musicians might want to preserve that, for good reason. But, can that experience be enhanced by a nonhuman sentient entity that supports that without taking it over? I'm open to that idea." ✦



"YOU'RE GOING TO NEED TO UNDERSTAND HOW TO USE THESE TECHNOLOGIES WHILE CRITIQUING THEM AT THE SAME TIME."

HASS Dean Kelland Thomas



Michael Whitman of the New York-based creative agency Hugo & Marie speaks at the "Synthetic Narratives" symposium last year at Stevens.

MEETING OF THE MINDS

In October 2025, professors Jonah King and Christopher Manzione held a symposium at Stevens that brought together artists, technologists and philosophers to showcase their AI work and discuss the implications of this new technology. "Synthetic Narratives: AI/XR + The Future of Storytelling" featured AI-driven interactive and immersive artwork and generative AI films. The symposium also included panel discussions on AI filmmaking and immersive media, post-photography and the challenges of truth and trust in AI.

"The conversations between different fields — immersive media, AI image, video and audio generation, even film or game design — had been happening independently of each other," Manzione says. "We wanted to make one large event where we could pollinate it with different people from different backgrounds and see what happens when they all come together and start talking about what they're doing, what they're thinking about and their predictions for the future."

King likens the conversation to talking about "the internet" — which encompasses any number of things, from social media to video streaming to file downloads. AI is similarly a world unto itself, with a huge gulf between tools from large corporations and open-source tools, and an endless number of varied uses for these tools.

"Synthetic Narratives," for its part, showcased the possibilities of AI, but wrestled with its ethical implications. King hopes the next symposium, to be held at Stevens in February, can feature a panel about AI infrastructure and environmental concerns, including the energy required to power data centers.

"Is there a way to think about building infrastructure that also supports neutral or green energy? I think in the big picture we have to think about those things urgently," he says. "Then locally for artists, I think it's important to not dismiss anybody's concerns [about] scraping people's data without their consent and repurposing it."

King and Manzione held a satellite event in May 2026 as part of the Delaware Valley Arts Alliance Future/Think symposia series and plan to hold several more in the future.

The spirit of the symposium is in line with what HASS Dean Kelland Thomas hopes students and faculty are discussing — distinguishing between the hype from entrepreneurs and companies profiting from AI versus what AI tools can really do.

"Artists are good at taking critical perspectives on that," Thomas says. "Querying and questioning the technology — I think that's an important role that artists have at Stevens."

More: **Stevens.edu/Synthetic**

[HOW-TO]

BUILD A FAMILY ARCHIVE

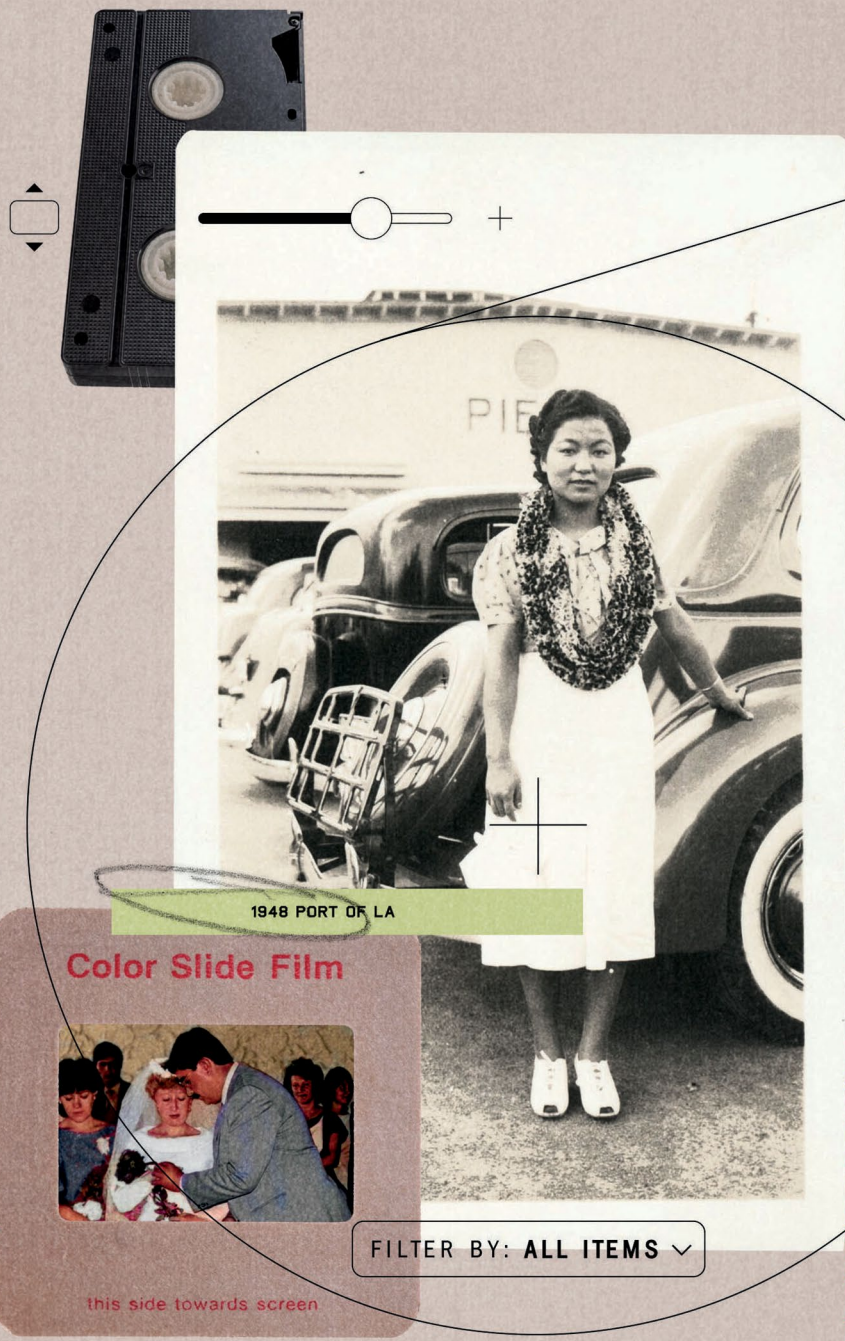
BY CHARLES O'BRIEN

ILLUSTRATION BY STUART BRADFORD

When the descendants of Evert Nyland, Class of 1909, discovered a notebook and photographs from his time at Stevens, they uncovered the story of an alumnus they never had the chance to meet. Nyland died in an accident just a few years after graduating and his family donated the materials to the Samuel C. Williams Library Archives & Special Collections, where they are now preserved by Stevens archivists Leah Loscutoff and Ted Houghtaling.

Your attic, closet or hard drive may hold similar pieces of your family's story. But preserving them takes more than storing them in a plastic bin. Loscutoff and Houghtaling collect, preserve and digitize everything from Babylonian cuneiform circa 2400 B.C.E. to digital files documenting student and campus activities from last year, providing access to those materials for researchers at Stevens and around the world.

Organizing and digitizing are important parts of archiving, but an archive goes further, preserving materials in context and ensuring they remain accessible over time. Loscutoff and Houghtaling explain how thinking like an archivist can help you decide what matters and create a family or personal archive that will stand the test of time.





1. START SMALL

"Just getting started on something is helpful," says Loscutoff, the head of Archives and Special Collections. Decide who you're creating the archive for, what you want it to preserve and why it matters. Group physical items by format and prioritize vulnerable photographs, digital files and audiovisual materials. Don't overlook items like ticket stubs and postcards, which can add context to family memories. Ask family members to identify people, places and dates before those details are forgotten.

2. CHOOSE THE RIGHT TOOL

You don't need expensive equipment. To obtain a clear image with readable text from a letter or document, "go with a smartphone," Houghtaling says. For photographs, he recommends a flatbed scanner to better capture details like a face in a crowd or a handwritten note in a recipe book. For older video or audio, consider a professional service to convert recordings into digital files you can preserve, access and share. And don't forget the originals: Store important physical materials in acid-free boxes, folders or sleeves.

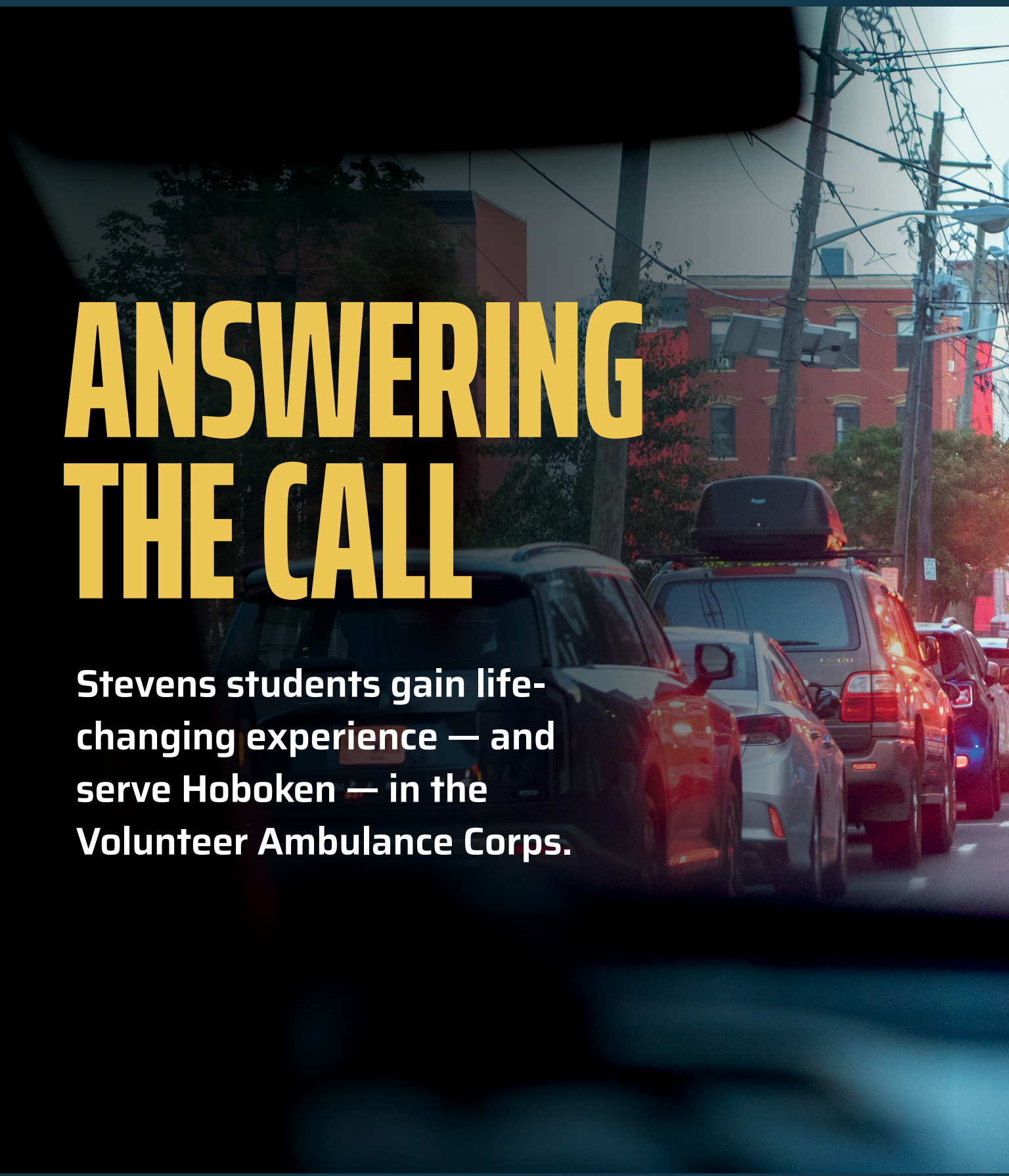
3. GIVE IT CONTEXT

"The most valuable family histories are often lost because stories, names and context disappear long before the photographs and documents do," Loscutoff says. Make that context part of your digital archive with consistent, descriptive file names and labeled folders, adding names, places and other details while family members can still provide them. For dates, Houghtaling recommends the YYYY-MM-DD format, so files naturally sort chronologically.

4. MAKE COPIES

Digitizing your memories doesn't guarantee they'll last forever. Follow the archivists' LOCKSS principle: Lots of Copies Keep Stuff Safe. "We always recommend keeping backups, or even backups of your backups," Houghtaling says. Keep copies in different locations, such as the cloud and an external hard drive. Occasionally check that your files remain accessible and move them to newer storage systems or formats as technology changes.

BY BETH KISSINGER



ANSWERING THE CALL

Stevens students gain life-changing experience — and serve Hoboken — in the Volunteer Ambulance Corps.

PHOTOGRAPHY BY MONIKA GRAFF



MORE PHOTOS
Stevens.edu/HVAC

Maya Slim is nearing the end of her overnight shift with the Hoboken Volunteer Ambulance Corps one day this summer and catching a nap back at the station when the call comes in at 4:45 am. A woman is in labor.

When Slim and partner and fellow Stevens student Hanna Matheson ’28 enter the woman’s apartment, the baby’s head is already visible.

“It was the scariest 45 minutes of my life,” Slim later recalls. “It was someone’s whole world and her baby’s first day on earth.” Mom was calm — dad less so — and Slim’s and Matheson’s training as state-certified emergency medical technicians (EMTs) kicked in, on their first-ever birth. They helped the mom deliver a baby girl, with Slim cutting the umbilical cord. The baby wasn’t crying, so she and Matheson gently rubbed the baby’s tiny chest and feet to rouse her, with assistance from a fellow EMT who arrived later. The baby girl opened her eyes and cried.

“How many people at 20 can say that they’ve delivered a baby?” says Slim. She proclaimed the infant healthy — and adorable.

So went another shift with the Hoboken Volunteer Ambulance Corps, where Stevens students aspiring to medical careers not only gain real-world experience but also help ensure that this ambulance service, which has served Hoboken for 55 years, continues to thrive.

“Everyone wants to be there,” says Rishi Raj ’26, the ambulance corps’ acting first lieutenant and a veteran EMT who is studying for his master’s in computer science at Stevens. “Their motivation is to help the people of Hoboken.”

A PIPELINE FOR VOLUNTEERS

The Hoboken Volunteer Ambulance Corps has close to 200 members, including about 30 Stevens students at any one time. Most opt to train as EMTs, completing five-and-a-half months of coursework and a three-year commitment to the ambulance corps, which pays for their EMT classes. All members must complete at least CPR training, which allows them to ride the ambulance as observers and, if licensed to drive, serve as ambulance drivers.

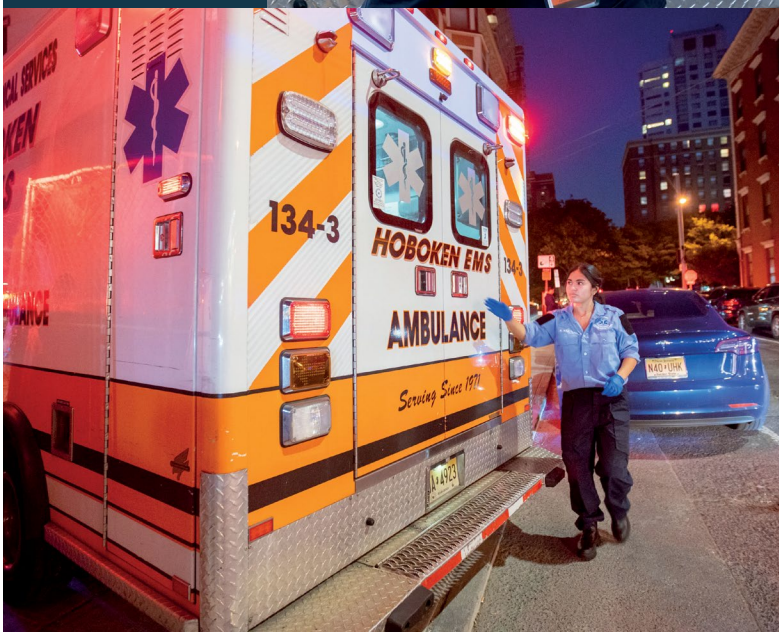
“Stevens has become a pipeline for us to get members,” says Thomas Molta, longtime president of the ambulance corps. While many volunteer

“To be there for (our patients), it’s important for them to be safe.”
Maya Slim, Class of 2028



Right: Maya Slim Class of ’28 between calls; the corps handles more than 7,000 annually. Hoboken Ambulance Corps President Thomas Molta praises Stevens students’ smarts and work ethic, “and they’re always in uniform,” he says.

Below: Milagros Carbajal Class of ’28 on the job.





Above: Rishi Raj '26, who as a teen trained to stop bleeding in shooting victims, on a call. "I don't think I'll ever let go of EMS. It's a special part of my heart and not just a job."

Left: Inside the corps' Emergency Medical Services (EMS) garage.

ambulance corps across the country struggle with recruitment, Molta says that as Stevens students graduate, a new crop arrives each fall. He values the diverse life experiences that they bring — students come from all over the world — and their work ethic.

"When you think about the workload these students have, it's grueling," he says. "Instead of being out at a bar and partying, they choose to come here. How much better do you get than that? They're that community-oriented."

Volunteers must work at least four shifts per month, totaling 20 to 32 hours. Stevens students can schedule shifts around classes, but this is a 24/7 operation, and some students do work overnight shifts. Surprisingly, most interviewed found juggling classes and the corps manageable, with their time on the ambulance almost an escape from classes and a chance to be with people with whom they have an undeniable bond.

Slim, a Class of '28 biomedical engineering major now considering medical school or a physician assistant program, discovered through the ambulance corps that she loves taking care of patients. And she found her people.

"Everyone looks out for each other. It is hard on the mind and hard on the body," she says. Discussing the difficult calls afterward helps volunteers process their feelings, says Molta, who explains that the ambulance corps has a wellness committee and both peer and outside counseling are available for the volunteers who need it.

Slim recalls her first CPR call when she helped to revive a middle-aged man.

"Every call you go on, you're going because it's a bad day in someone's life. To be there for them — it's important for them to be safe."



Above: Milagros Carbajal Class of '28, left, and Shrey Shah transport a patient to a waiting ambulance.

Right: Grad students Rishi Raj '26, kneeling, with Aidan Robinson '26 above him, treat a man for a head injury. Raj, who handles operations and scheduling, seeks a career combining tech and EMS; Robinson is eyeing medical school.



Aidan Robinson '26 knew by high school that he would pursue a medical career. He was driven to help his older brother, who was born with neurofibromatosis, a genetic condition that has required 13 brain surgeries. Aidan grew up getting to know his brother's doctors during frequent hospital visits.

"They were always the smartest people in the room. But they also showed much kindness and care," Aidan says.

Robinson has shadowed doctors in hospitals where his brother has been treated. He is currently completing a master's in chemical biology at Stevens and will apply for medical school next year.

The ambulance corps has opened his eyes to the Hoboken beyond the ivory tower of Stevens; "it expands my view of the world," he says.

He recalls one encounter with a person experiencing homelessness who was agitated. Robinson got on his knees — he and other EMTs often kneel to speak with patients, so they are seated at the same level — and talked to him. He discovered the man also was from Baltimore, grew up in a poor neighborhood, joined the Army, and feels that he has no one in his life to turn to.

Stevens volunteers, from left: Aidan Robinson '26, Rishi Raj '26, Cullen Grady '25 M.S. '26, Sophia Donskoy '26, Maya Slim '28, Milagros Carbajal '28, Ph.D. student Josh Meharg '24. An ambulance with an all-Stevens crew is dubbed a "Duck Truck."

"The experience of the Hoboken Volunteer Ambulance Corps shows how fragile we all are and how easy it is to die. The experience pushes me to live fully."
Aidan Robinson '26



"That small conversation calmed him; he appreciated it," Robinson says.

REMINDED OF LIFE'S FRAGILITY

By noon one day in mid-summer, Raj, Slim, Robinson and several other Stevens students have reported for duty — usually four to eight volunteers at any given time — and the day starts calmly. In the ambulance station on Clinton Street, they gather between calls in a large common room with its collection of well-worn couches, adjoining kitchen and dining room table. Volunteers nap, eat takeout together, share photos of favorite dishes they've prepared, rib each other.

The afternoon is quiet. But by mid-afternoon, Robinson and Slim are responding to a request from the Hoboken police to examine a teenage girl who has allegedly been struck by her father.

After they arrive, Robinson and Slim speak for a while with the girl, who is very emotional but unhurt physically, Robinson recalls later. Slim hugs her and lets her cry.

The girl eventually calms down and is even cracking jokes.

"It was a sad call," Slim says. She was glad they were there for this girl in her time of need. Though Slim has had different personal challenges, she says, "it's much easier for me to let them know they're understood." The father was arrested.

The shift is not busy for most of this mid-summer day — until it is.

In early evening, Raj, from his supervisor's truck, is waved down by several frantic bystanders who lead him to where a man is lying near a curb, bleeding from the back of his head. Several bystanders have grown to a small, boisterous group, as Raj grabs his medical bag, and gently puts a cervical collar on the man's neck, asking him if he's been drinking. He has. Raj speaks quietly with him, as Robinson, Milagros Carbajal Class of '28 and another EMT arrive with the ambulance and place the man on a gurney. As they depart for a local hospital, he is conscious and talking.

Later into the evening, Raj is about to grab some takeout burgers for dinner at 10:40 pm when a call comes in. A frail, older woman stands outside the entryway to an apartment building. She seems confused. She speaks Spanish, the police don't, and they need someone to interpret. Carbajal, with Robinson and Raj, answers this call.

Carbajal spends time gently speaking with the woman, who eventually smiles and talks more freely. She thinks she's in Queens, New York. With Carbajal interpreting, a police officer urges her to go to the hospital, as Robinson gently belts her in the ambulance.

Raj later confirms that she's on a missing and endangered list and has dementia.

Caring for people in their hour of greatest need has profoundly affected these Stevens students and aspiring medical professionals, they say.

"The experience of the Hoboken Volunteer Ambulance Corps shows how fragile we all are and how easy it is to die," Robinson says. "The experience pushes me to live fully" and cherish relationships.

He's been on calls with older people, many of them alone, some asking to hold his hand. "I don't want to go through life and miss it," he says. "It makes me want to reach out to people more." ✦

Stevens' Clark Scholars donated $25,000 to the Hoboken Volunteer Ambulance Corps through a new initiative made possible by the Clark Foundation's $1 million philanthropy fund. Read more: **Stevens.edu/Clark-HVAC**. See event photos: **Stevens.edu/Clark-HVAC-Photos**

Alumni

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CLUBS CONNECTION

Members gather for the First Conference of the Associated Stevens Alumni Clubs on January 10, 1914, representing a dozen club chapters, from Europe to Brooklyn, Wisconsin and Japan.





Photo: Stevens Archives & Special Collections, S.C. Williams Library; Portrait: Barry Falls

CHAMPIONING HIGHER EDUCATION



Dear Fellow Alumni,

During Alumni Weekend in June, President Nariman Farvardin and I sat down for a fireside chat as part of the Stevens Alumni Association's 150th anniversary celebration. We reflected on Stevens' upward trajectory, the challenges facing higher education and the vital role alumni play in shaping Stevens' future.

After our conversation, I found myself thinking about how we, as alumni, can champion the value of higher education and help bring its broader impact into focus.

As alumni, we know the value of a Stevens education because we've lived it. The knowledge we gained, the relationships we built and the mindset we developed continue to shape our careers and lives.

But higher education today is facing unprecedented uncertainty, from shifting enrollment trends and evolving workforce needs to questions about its value and the expanding role of AI.

For generations, Stevens has consistently adapted to meet the needs of a changing world and prepared graduates to lead through change and drive innovation. With disciplined fiscal management and strategic investments, Stevens is well positioned to navigate this evolving climate and continue building on its momentum.

Alumni are a critical part of that success. My connection with Stevens has continued beyond graduation, and like many alumni, I've found some of my most rewarding experiences through giving back. Every time we mentor a student, open doors through internships or career connections, share our Stevens story or invest in the university, we reinforce the value of a Stevens education.

Now is the time to stay engaged. Share your expertise, serve on a board, connect Stevens with your network, support Senior Design projects and recruit students. Explore opportunities to continue learning and introduce your employer to our College of Professional Education. Consider making a gift to help future alumni. Connect in ways most meaningful to you.

Higher education will continue to evolve, and Stevens will evolve with it. But what will remain constant is the partnership between Stevens and its alumni and the impact we make together.



Michael Cahill '15 M.Eng. '15
President, Stevens Alumni Association
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WATCH
the Presidential Fireside Chat

Editor's Note: By submitting Class Log information and photos to Stevens Indicator, *submitters acknowledge that they may be reproduced wholly or in part in the printed magazine, published in the online version of* Stevens Indicator, *and/or shared via Stevens Alumni Association and/or institutional social media channels/webpages.*





Joe Schneider '46 (with Nancy Catello), a beloved Stevens stalwart who passed away in 2022, is remembered by good friend Enrique Blanco '72 in the '46 log. Enrique shared this photo of Schneider Way in Guttenberg, New Jersey, a portion of 69th Street that the town named in Joe's honor in 2020 and located close to his home and longtime embroidery shop.

Class Logs

1946

June 2026 — **Enrique Blanco '72** kindly shared some memories of **Joe Schneider '46** — a beloved Stevens alumnus, generous supporter of Stevens and its students and steadfast member of the Stevens Alumni Association and Stevens Metropolitan Club. Joe, who died in 2022 at age 97, owned and operated a family-run embroidery shop in Guttenberg, New Jersey, from shortly after his Stevens graduation up until his 90s. The town of Guttenberg, where he resided for decades, named a street in his honor. Here is Enrique's note:

"Here is the picture of Schneider Way, the street sign honoring Joe Schneider. He had his embroidery shop on 70th street in Guttenberg, New Jersey. He was a great friend and staunch supporter of Stevens. May he rest in peace.

"He was the longtime treasurer of the Stevens Metropolitan Club. He had a great sense of humor and remained active in his embroidery business almost to the end. He, together with **Don Daume '67**, were the life and soul of the SMC, growing the club into a family."

A tribute to Don Daume, who passed away late last year, appears with the '67 log.

1951

July 19, 2026 — Greetings from the survivors of the Class of 1951 as we conclude the 75th Anniversary celebration of our Stevens graduation. Therefore, this is a perfect time for reflection. Many of the classes and activities that we enjoyed (or didn't) that today's students will never experience come to mind. Here's what I recall:

- Math and science refresher for World War II vets
- "Pride of Communipaw Flats" at freshman orientation
- Blacksmith shop and sand castings
- Saturday morning labs
- Slide rule and Vega tables proficiency
- A summer of surveying at Stevens Engineering Camp
- Senior Trip by rail
- Professor Backer's coffee-maker research
- Stevens Castle activities
- Measuring the efficiency of a steam engine with indicator cards
- The piers, shipyard and saloons along River Street
- Graduation ceremonies in the Walker Gymnasium

And my best memory of all is that I met my wife Arlene because of Stevens and my membership in Sigma Nu fraternity. After 72 years we are still enjoying life together here in Fort Worth, Texas, and enjoying visits by children, grandchildren and great-grandchildren.

More memories of Hoboken, some of which existed during our years at Stevens, are featured in the Spring 2026 *Indicator*. See "The 07030 Experience" on page 26. My favorite was the Clam Broth House, which closed in 2003.

My "presumed living" list of contacts is exhausted. Telephone numbers and email addresses are no longer current. But my phone and email are always available.

— Charles Wetter
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1954

July 25, 2026 — Hi ... Sad to say I haven't heard from any classmates this time but I'm not giving up. I would like to hear from any of us that are left. I'm here in sunny Florida but am taking a trip up to New Jersey this September to join our federal employees bus trip to a waterfalls place in Pennsylvania. It's a three-day trip, and I'm looking forward to seeing some of my fellow co-workers who usually make these bus trips. Last year's trip to Niagara Falls was great. That's about it, so send me an e-mail telling me you're still hanging in there and how you're doing. Regards to all.

— George Hromnak
ghromnak@brighthouse.com

1956

*Editor's Note: Eric Johansson, the son of **Walter Johansson**, shared the news of his father's passing earlier this year.*

May 2026 — "It is with both sadness and gratitude for a life well lived that I report the passing of my father, **Walter Johansson**, Mechanical Engineer Class of 1956. He passed on March 31, 2026, at the age of 93. Walt was inducted into the Stevens Athletic Hall of Fame in 2006. He was co-captain of the men's lacrosse team, an All American, and held several scoring records. Below is his obituary. Best Regards, Eric Johansson."

Walter N. Johansson, 93, died on March 31, 2026, at his home in Pemaquid, Maine.

Johansson worked on liquid rocket engines for the X-15 research plane, and a surveyor moon instrument package at the Reaction Motors Division of Thiokol Chemical Corporation and Walter Kidde Company.

Johansson and Bernard Faber owned Brosites Industries, the New England representative for fiberglass reinforced plastic pipe. He retired from Bath Iron Works where his responsibilities included the reverse osmosis water making system for the DDG51 Destroyer. After retirement, he did light carpentry as Mr. Fixit.

At Stevens, he played lacrosse and is a member of the Stevens Athletic Hall of Fame. He was a registered professional engineer.

He was active in the Bristol Area Lions Club, the Round Pond United Methodist Church, Boy Scout Troop 228, Olde Bristol Days, Coastal Rivers Conservation Trust and the Riverside Park and Friends of Colonial Pemaquid. One of his favorite pastimes was making a toast while gathering around the dinner table with friends and family.

He was predeceased by his wife, Nancy; and his son, Peter.

— The *Stevens Indicator*
alumni-log@stevens.edu

1957

August 2026 — *Editor's Note: The* Indicator *staff was saddened to learn that* ***David Haid****, a devoted alumnus and leader in the Class of '57, passed away on Aug. 7, 2026. His loved ones have our deepest sympathy. A tribute appears below.*

David Haid, the past president of the Class of '57 who was deeply involved with Stevens as a student and alumnus, died on Aug. 7, 2026.

As a Stevens student, Haid was the president of the Student Council, managing editor of *The Stute* school paper, president of Theta Xi fraternity, president of the engineering honor society of Tau Beta Pi, and a member of several other honor societies, committees and extracurricular activities. At Stevens, he received the Kattwinkel Award for being the member of his class that gave most "unstintingly of himself to Stevens" as determined by the staff and his classmates. He would continue to support Stevens and help head efforts for a very successful 50th class reunion at Stevens and subsequent reunions.

During the summers as a student, Haid worked at the Linde Air Products Newark Development Laboratory. He continued to work for Linde Air Products in their Tonawanda, New York, location while pursuing a master's degree in mechanical engineering at the University of Buffalo. His work with Linde Air Products, which became Praxair, lasted his career, until his retirement in 2001.

During David's retirement years, he and his wife Blanche pursued their shared passion for travel and spent many years traveling overseas as well as visiting their children and grandchildren all over the country.

David is survived by his wife of more than 60 years, Blanche; his seven children, Thomas, Rosalie, Joseph, Christopher, James, Daniel and Benjamin and their spouses; and 16 grandchildren.

1958

July 15, 2026 — Greetings, '58 classmates! I'm writing this log on a very hot day in mid-July. I hope you and loved ones are doing well and looking forward to some good and better times in the future. I recently celebrated a birthday (88) and got a card from my son, which said "At your age, it's best to accept that the sweet bird of youth has flown." Funny, right!? I say that age may be working against our body but hopefully not our "spirit." Like fine wine, we can get better with age. We should be celebrating our "alive" birthdays! (I estimate that half of our class has already passed at this time.)

Also, we do need to keep nourishing our spirit, so let's work on that part, like keeping up with old friends still around, as well as with our loved ones. I have heard recently from **Nels Gravenstede** and **Roger Bond**. They're generally doing pretty well and send best wishes.

Roger wrote a note that: "My wife (Ruth of 59 years) died in 2018, and I've been with Marilyn now for over six years. What a treat to find love at this late stage in life. We are snowbirds, spending six months in Florida and six months in Massachusetts. We have been taking part in the same physical program. These include boxing, dancing, singing, yoga, aerobics, drumming, core strength and others. A total of 13 hours of activity per week. It has done wonders for my physical self. I am more flexible today than 30 years ago, but I am a lot slower.

"We took two trips to Europe over the last few years but don't seem to be able to do that now, but we have each other and that is all that matters. I still have my manufacturing company in West Hartford, Connecticut, which is run by my youngest son now, but I maintain the title of chairman of the board." Thank you, Roger, and keep on doing great!

I'm enjoying life here at Fellowship Village with friends, food, fitness facilities, various activities and my dear Helen. As part of a book club here, we "Seekers" are reading a recent book by Krista Tippett (of "On Being" fame). It's a really good book, titled *Becoming Wise: An Inquiry into the Mystery and Art of Living*, that I recommend for its great chapters on words, love, faith and hope.

A closing sad note: I just heard from Stevens that our very loyal classmate, **Barry Ficken**, passed recently. He was a very loyal alum, and we will miss him. God bless you, Biff, and our condolences go out to your wife Gael and family.

Glenn Greiner, the son of **Alan Greiner**, wrote to the *Indicator* staff to inform them that Alan passed away in April. A tribute appears at the end of this log.

Be careful out there; be more loving, remember your "sweet bird" times and nourish your spirit! Stay well and please keep in touch!

Alan Greiner, 89, of Cedar Grove, New Jersey, an aerospace engineer who worked on the navigation systems for the Space Shuttle and the two Voyager spacecraft, passed away on April 20, 2026.

Greiner worked at Kearfott Guidance & Navigation for 42 years. Highlights of his career are working on the navigation systems for the Space Shuttle and the two Voyager spacecraft that visited the planets Jupiter, Saturn, Uranus and Neptune.

Alan's hobby was gardening, and he had magnificent flower gardens at his home in Cedar Grove and his former weekend home in the Poconos. He traveled to all 50 states and several European countries. He enjoyed having lunch monthly with his former co-workers from Kearfott Guidance & Navigation. He always looked forward to the last Thursday of the month for his "meeting" with his friends.

Alan is survived by his son Glenn with his wife Ruth Ann; daughter Lynn Foley with her husband Mark; and four grandchildren. He was predeceased by his wife Gail L. Greiner, who passed away in 2003.

— Bob Fiocco
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1959

July 29, 2026 — The mailbox has been empty since my last *Indicator* article, so you will have to put up with my creative writing skills!

I'm sitting here in my law office in Huntington, Long Island, and looking out at moms and kids playing in Heckscher Park across the street. Still busy and enjoying the work.

Although I am a member of the Bionic Senior Club (hip, knees, etc.), Lynn and I have had some interesting trips and if you are still ambulatory, I suggest you might be interested in one of these. Last year, we took our first river tour — a Viking trip up the Mississippi. You can go all the way from New Orleans to St.





Top to bottom:
David Haid '57, seen with his wife Blanche, passed away this summer and is remembered in the '57 log.

George Pezold '59 and his wife Lynn took a cruise on the Elbe River from Berlin to Prague. George stands outside of St. Thomas Church in Leipzig, Germany. Johann Sebastian Bach, whose statue greets visitors, was the church's music director.







John Dalton '60, steadfast champion of Stevens, passed away in April. Some memorable moments from more than 60 years of dedication to his alma mater: with wife Ann on campus; with fellow Delta Tau Delta brothers in 2023, when they inducted Samuel Prescott Bush, Class of 1884, and grandfather and great-grandfather of two U.S. presidents — great-great grandson Pierce Bush is second from left — and Rick Roscitt '73, fourth from left, into the chapter's Rho Hall of Achievement; receiving Stevens' Lifetime Service Award from President Farvardin.

Paul, but we opted for the upper section from St. Louis to St. Paul. The only glitch was that water level upriver was too high for the ship, so we had to go back past St. Louis and go up the Ohio to Louisville instead. The ship is like a luxury hotel — great service, a restaurant and with guided tours of towns along the way. We had a great time and got to meet folks and learn about a part of America that we knew little about.

Inspired by our Mississippi experience, this spring we took another Viking river trip from Berlin to Prague on the Elbe River. Three days in Berlin, where we heard the Ukraine Symphony Orchestra in the spectacular new concert hall, then visits to the beautiful old cities of Potsdam, Leipzig, Dresden and Prague. One highlight for me was St. Thomas Church in Leipzig — where Bach was the Thomaskantor (music director). (The little guy in the photo is me!) Again, a highly recommended tour if you want to have a great travel experience!

Last, but not least, Lynn and I remain in good health, and she continues to be active in her garden, book and antiquaries clubs, as well as enjoying the grandchildren. Granddaughter Stella recently graduated from NYU Tisch with degrees in dance and psychology, and grandson Travis (our family computer guru) is attending the Edward R. Murrow High School in New York. Classmates visiting Long Island are cordially welcome to Casa Pezold — just call ahead.

— George Pezold
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1960

August 2026 — *Editor's Note:* The Indicator *staff was saddened to learn that* ***John J. Dalton****, the longtime class president and Stevens stalwart, passed away on April 17, 2026. We offer his loved ones our deepest sympathy. A tribute to John closes this class log.*

May 10, 2026 — "My name is **Milton Ludwigson '60 M.S. '62**, member of Alpha Xi of Chi Psi fraternity. I am living at a senior living complex, in a 400-square-foot apartment in the independent living section in East Norristown, PA, about 40 miles west of Philadelphia. I am in reasonably good health. I no longer drive; I play duplicate bridge on Sundays. My wife, Kathleen, passed away in October 2017.

"In June, I will be going on my 19th cruise with Karen Marotte. Karen is 66 years old and an absolute knockout. I will have my 88th birthday on the cruise with Karen to help celebrate; the cruise is out of Reykjavik and delivering us seven days later to Rotterdam.

"I remember you, **Douglas Schwartz**, as a loyal and faithful supporter of PSK. Getting to Stevens would be a real stretch for me. Give my best to all."

John J. Dalton, a much-honored Stevens stalwart who chronicled and treasured the history of his alma mater and supported his fellow alumni and future generations of Stevens students, passed away on April 17, 2026.

Dalton received Stevens' Lifetime Service Award in 2024. He also received the Stevens Alumni Award in 2013 and the Harold R. Fee Alumni Achievement Award in 1980. A loyal alumnus, he served as director-at-large of the Stevens Alumni Association (SAA); a former SAA officer; a member of several committees; Class of 1960 president since 2010; and a member of Stevens' Historic Preservation Committee. John wrote and produced two historical documentaries, "Stevens & Sons: America's First Family of Engineers" and "Tales from Castle Stevens."

As an undergraduate, Dalton held several leadership positions, including managing editor of *The Stute*, editor of *The Link* yearbook, and president of the Newman Club. He was a member of Tau Beta Pi, the engineering honor society, Gear & Triangle and Pi Delta Epsilon.

Dalton was first employed at National Starch in Dunellen, New Jersey, California and Chicago. He earned an MBA in finance from Illinois Institute of Technology in 1969. He began a successful corporate career at Deloitte and Touche as partner in the firm's practice, focusing on hospital finance mainly in the New York Metropolitan area. In 1986, he formed Healthcare Business Specialists, Inc. in Woodbridge, New Jersey, and was president and CEO until 1992. From 1993 through 2005, Dalton served as vice president of marketing for the healthcare division of NCO Financial Systems, Eatontown, New Jersey.

He was a board of trustee member and board chair for St. Joseph's Health System, Paterson, New Jersey, for 13 years as well as a trustee with Children's Specialized Hospital, New Brunswick, New Jersey, for the past 40 years where he rose to chairperson. The New Jersey Hospital Association named him Hospital Trustee of the Year in 2017.

He was devoted to the Healthcare Financial Management Association's New Jersey Chapter, served on the national board and received the Healthcare Financial Management Association's Lifetime Achievement Award in 2001. Dalton also served as the editor of the "Three Minute Read," the newsletter of the Healing American Healthcare Coalition.

He is survived by his wife Ann of nearly 65 years; two sons, John and his wife Denise, Christopher and his wife Annalisa, and their children Tori and Cooper. He was predeceased by his daughter Susan and survived by her husband Kevin St. Onge and their children, Molly, Nora and Ella.

— The *Stevens Indicator*
alumni-log@stevens.edu

1961

August 5, 2026 — Greetings from unreasonably warm Dallas! I can't complain about lack of material for the class log. Unfortunately, the material deals more with the passing of our classmates. **Peter Brady M.S. '63** passed away more than a year ago, and I was notified by **Ed Messikian**'s son **Jeffrey, Class of '91** that Ed passed in November 2025. I also learned that **John J. Dalton '60** passed in April 2026. He was a giant in representing all Stevens alumni since his graduation, and he will be sorely missed. John received the Harold R. Fee Alumni Achievement Award in 1980, the Stevens Alumni Award in 2013 and Lifetime Service Award in 2024.

Since our 50th reunion in 2011, I renewed my friendship with Ed Messikian. We had common interests in cars, and I tried to keep in touch with him yearly via phone and enjoyed his enthusiasm. He proudly shared the history of his son Jeffrey, who graduated from Stevens in 1991 despite his inability to walk from an early age. I will miss him. Jeffrey wrote an article about Ed's life, which I'm happy to share:

"Edward 'Ed' Messikian, a proud Stevens graduate, passed away on November 20, 2025, after a long health battle. Born in New York City on February 10, 1935, his parents relocated to White Plains, New York, and he graduated from White Plains High School. He selected Stevens, graduating in 1961 with a degree in mechanical engineering.

"Upon graduating from Stevens, Ed relocated to Connecticut and was employed at Pratt & Whitney Aircraft for more than 30 years as an aerospace engineer. In June 1964, Ed married Cynthia, and they bought a house in East Hartford, Connecticut. They had two children: Jeffrey was born in 1969 and Natalie in 1971. Early in his career, Ed attended Western New England College, receiving an M.B.A. After retirement, he spent five years working as a consultant at Belcan Global Engineering.

"An accident to his son, Jeffrey, at age 3 ½ profoundly affected him. Jeffrey suffered a spinal cord injury, which affected his ability to walk. Subsequently, Ed focused more on his family than his career. He took his son to Cub Scout meetings, helping him build slot cars with aerospace technology. He introduced Jeffrey to radio controlled (RC) model airplanes and guided him in building relatively large models. No questions asked and always with a smile and enthusiasm, he was his son's 'superpower.'

"He once took his son up in his friend's airplane to look for a downed RC plane that Jeffrey had built and lost after launching it. He made an adventure out of everything. His attitude and good spirits profoundly impacted Jeffrey's outlook. Jeffrey went on to graduate Stevens in 1991 with a computer science degree and eventually learned to fly his own Cessna with hand controls and an instrument rating. Ed never let Jeffrey's physical limitations affect his goals.

"Ed and his son were also members of Phi Sigma Kappa fraternity. Ed's hobby was sports cars. He owned several: Alfa Romeo Veloce, MGB-GT, Austin Healey 3000 and, finally, a 1964 opalescent silver blue Jaguar XKE. The Jag was his 'keeper.' He joined the Southern New England Jaguar Club, having served on their board, and attending many club meets. He adored his XKE, personally restoring it in his garage over many years of meticulous care. At the top of his agenda was a line item that included taking it to car shows with close friends and returning home with even more stories to tell.

"Ed also was a member of the Glenbrooke Swim and Tennis Club where he enjoyed playing tennis. His other passion was golf, which he enjoyed with friends both in East Hartford and their condo in Florida. He was a personable, outgoing man who would strike up a conversation with anyone he met. Ed also enthusiastically visited casinos in both states. He enjoyed the family vacations at Cape Cod, once he settled in and forgot the bumper-to-bumper traffic in getting there.

"Ed was a man of faith, having served on the parish council of his church. He was the original chairman of the Golf Committee, spending hours calling people in the tri-state area to attend the annual golf tournament. He would enthusiastically, graciously greet all the golfers. A delicious Armenian meal would follow along with Ed's yearly welcome speech and backgammon games.

"Ed leaves behind his beloved wife Cynthia with whom he was married 61 years; Jeffrey, and Natalie, and his brother-in-law John. He would climb mountains for his family, and his huge, larger-than-life presence has been felt."

Peter Brady M.S. '63, a longtime Stevens faculty member, academic administrator and dedicated alumnus who spent six decades at the university, died on January 22, 2025.

Brady began teaching as a graduate student and joined the mathematics department in 1965, serving as an instructor, lecturer and administrator. In 1973, he joined Stevens' Davidson Laboratory, still teaching but also rising to chief of the laboratory's methodology and analysis division.

His research, mostly government supported, involved analyzing the performance on land of vehicles, including amphibians like the U.S. Marines personnel carriers, with a focus on the software side. He later served as assistant dean of the faculty in undergraduate academics from 1988 to 1995, when he retired from full-time work. But he was invited back to teach math and returned as an adjunct professor in 1999. He taught at Stevens up until several years ago.

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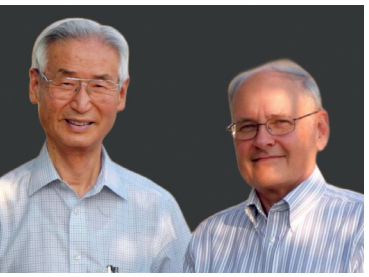




"He would climb mountains for his family, and his huge, larger-than-life presence has been felt."
Jeffrey Messikian '91, on the passing of his father, Ed Messikian '61

Top to bottom:
Peter Brady '61 M.S. '63, a longtime Stevens faculty member and administrator who passed away last year, is remembered in the '61 log.

Ed Messikian '61 passed away in November 2025; his son Jeffrey '91 writes a remembrance in the '61 log. The Messikian family, from left: Ed, Jeffrey, Ed's brother-in-law John, Ed's wife Cynthia and their daughter Natalie.



Peter Jansson ’64, right, with his former Stevens professor William Pak, whom he met up with many years later at Purdue University. Read more about Peter’s extraordinary career in the ’64 log.

“In his spare time, he loved sailing on Moosehead Lake, camping and traveling around the country. He loved hiking and photographing all of his adventures and was the happiest when he was surrounded by family.”

Phil Kimball ’62, on the passing of Les Lewandowski ’62

A scholarship recipient, Brady established a scholarship to help promising math majors at Stevens. He was active with the Class of ’61’s class reunion committee.

Brady had a deep passion for opera, traveling to the world’s great opera houses, from Munich to Milan to Sydney, for performances. He was in particular a Wagner devotee and traveled the globe to see performances of “The Ring Cycle” — the composer’s 18-hour, four-opera masterpiece.

1962

July 24, 2026 — We lost yet another classmate with the passing of **Les Lewandowski** who died unexpectedly in his home on June 13, 2026. Les was born in Jersey City, New Jersey, graduated from St. Peter’s Prep School in Jersey City and earned his bachelor’s degree in mechanical engineering from Stevens. Following graduation, he served in the U.S. Air Force, and in December 1962, he married Carol Ann Muller. After Les returned from active duty, they made their home in Hebron, Connecticut, and raised their family there. Les worked at Pratt Whitney for ten years in the design and testing field and spent the next 23 years as an assistant manager in hospital engineering in Manchester, Connecticut. He then earned a degree in respiratory therapy, which he practiced for eight years. In September of 2006, Les and Carol retired and moved to Wayne, Maine. In his spare time, he loved sailing on Moosehead Lake, camping and traveling around the country. He loved hiking and photographing all of his adventures and was the happiest when he was surrounded by family. He was a life-long communicant of the Catholic Church, where he served as a eucharistic minister for more than 40 years.

Les was predeceased by his daughter, Veronica, and a brother, Gene Lewandowski. He is survived by his wife, Carol, of 64 years; three children, Peter and his wife Neda, Michael, and Denise and her husband, Michael; as well as four grandchildren and numerous nieces and nephews.

Alex McKenzie sent me an update of his adventures as follows, “I was interested to see the note from **Jim Canfield** about being in Ushuaia last December on his way to Antarctica. My wife Kathy and I were there this past February on a cruise around the southern tip of South America. We started in Santiago, Chile, and ended in Buenos Aires, Argentina. We headed south through the Chilean fjords (I didn’t even know Chile HAD fjords until two years ago), through parts of the Darwin Channel, the Strait of Magellan, the Beagle Channel and on to Cape Horn. We saw lots of glaciers, some coming right down to the water, and towering jagged mountains. After Cape Horn, we visited the Falkland Islands where we saw wild penguins (Gentoo and King) for the first time. It is often too rough to actually land in the Falklands from a cruise ship, but the locals told us we had arrived on the best day of the past year! The cruise then continued on to Montevideo, Uruguay, and ended in Buenos Aires. I have always wanted to visit Buenos Aires and have often heard it described as the Paris of South America.

“As for me personally, a routine annual physical in December revealed that I’ve developed AFib (atrial fibrillation). I had a cardio ablation procedure to try to eliminate the AFib, and a recorder installed in my chest to watch my heart’s rhythm and report via the internet to my doctor if the AFib returns. Modern medicine is quite wonderful!

“I’m still in touch with **Al Kiel** by phone every few months, and we visited him and his wife, Pat, a couple of weeks ago in Tampa before they returned to Pennsylvania for the summer.”

On August 3, one week following my reverse shoulder replacement surgery, **Jim** and Carolyn **Canfield**, who were visiting friends near us in New Hampshire, dropped by in their motor home for a quick visit. It was great to see Jim and meet Carolyn after so many years and reminisce about old times.

To meet the *Indicator*’s Class Log requirement of a maximum of 600 words, this, and all future logs, will appear in the magazine in edited form. The unedited or unabridged version of this log appears as an “Expanded Class Log Resource” on StevensConnects. I encourage you to sign up now to visit our Class of 1962’s virtual class page where you can enjoy the interesting content, stay current with class activities and easily communicate with fellow classmates. Here’s the list of 19 classmates who had joined by the end of May: **Blahut**, **Canfield**, **Capuano**, **Citarella**, **Derato**, **Epstein**, **Josephs**, **Kimball**, **Kurzik**, **Leichus**, **Lidstrom**, **McKenzie**, **Oringer**, **Pearson**, **Pellet**, **Perrotta**, **Sard**, **Singlevich** and **Zupko**.

Lastly, please consider making a contribution to our Class of 1962 Scholarship Fund and be sure to provide us with any changes to your email, phone and address for continued communication.

— Phil Kimball
pbkim25@gmail.com

1963

August 26, 2026 — Hi Guys, I got caught by surprise, didn’t realize that an *Indicator* entry was due, haven’t had a lot of contact with the Class of ’63, and had almost nothing to write about. So, I sent **Dick Magee** a note asking if he had anything he could add, and that I had to have the entry in by the “day after tomorrow.”

He replied with: “**Tom Moschello**, **Charlie Perruzzi** and I along with several other Stevens alums (’62, ’64, ’67 and ’72) meet monthly for lunch. We call ourselves the ROMEO (Retired Old Men Eating Out) club. It is a great way to maintain connections.

“Tom and I remain strong supporters of the SMC (Stevens Metropolitan Club) which was active before we came to Stevens. The SMC just established a scholarship fund in memory of Don Daume ’67, a longtime active member of the club who served many years as secretary.

“I continue to organize fishing trips for the Stevens Fishing Club (not an official club). It started with a group of Stevens alums but now is generally supported by non-Stevens graduates. One of our active fishermen is a retired Princeton prof and two are my former students.

“On a professional level I continue to work part time. I serve as executive director of NJCAT (New Jersey Corporation for Advanced Technology). NJCAT is a very small operation, established by the State of New Jersey 208th Legislature (July 1, 1999–June 30, 2000), to facilitate the development and commercial use of technology-based environmental and energy services that abate and prevent environmental pollution and promote energy conservation. A

Performance Partnership Agreement between NJDEP and NJCAT was adopted on June 6, 2000. We now do all the technology verifications for NJDEP on stormwater treatment systems that the state then certifies. NJCAT has an international following. We are currently working with engineers in Australia and have done work for a German company."

I talk or email with **Mike Delevante** occasionally, and we've discussed how we're not as enthusiastic about traveling as we used to be.

Carol and I both have some of the physical problems that are common with people our age but are enjoying life at our "senior living community" here in the North Country. It's been a nice summer and, instead of the large vegetable gardens we had at the house, we have a couple of raised beds. They've kept us, and several of the neighbors, supplied with asparagus, broccoli, squash, beets and beans, and the flower gardens out in front of the place (Carol's handiwork) are beautiful.

As I write this, it's late August, and if you have anything of interest that I could pass on, please let me know and it'll be in the next issue. —

— Nev Sachs
nevsachseng@gmail.com

1964

July 15, 2026 — Dear Class of '64: Thank you to those that responded to my call for news. It is always nice to hear from you, hopefully without my begging for it.

To begin, I have some sad news to report. **Alan "Al" Propper** passed away on March 13, 2026, in Glendale, Arizona. Alan held degrees in mechanical engineering from Stevens and an M.B.A. from San Francisco State University. He retired over 20 years ago from Arizona Public Service. His position at APS when he retired was the company's director of Pricing and Regulation. After retirement he taught classes at the Maricopa County Community College for several years. Alan spent over 50 years diligently serving Kiwanis in the Phoenix area. He also volunteered for over 18 years at John C. Lincoln Hospital, now Honor Health. He was a fellow Kiwanian and also a hospital volunteer like me.

From **Joe Weber**: "I recently learned of the passing of Mariann **Spoelstra**, **Gordie**'s wife, just a few months since his passing. I recall his dating her all four years, high school sweethearts, I think. They were last at our home about eight years ago."

More from **Joe Weber**: "My Stevens pride set me off recently when viewing the recent PBS broadcast of the history of President George Herbert Walker Bush. Starts off with family and cites his grandfather **Samuel Prescott Bush** as being an engineer and starting a steel manufacturing company in Ohio. Then he cited his son Prescott Bush and grandson GHWB as Yale graduates. But the one who made the money, the grandfather, no mention of having been an **1884** STEVENS graduate. In Feb. of '01, while SAA president, I was fortunate to meet GHWB and introduced myself as president of his grandfather's alumni association. He remembered Buckeye Steel Corp. very well. Keep those cards and letters coming in guys. Be well."

On June 29, 2026, I participated in the Annual Stevens Athletics golf outing. Great event this year; I brought a couple foursomes. Was hoping our notorious classmate, **Rick Cundari**, who once defeated the legendary Sam Snead, would be in attendance, but no such luck. It's a great time! Join me next year! Fore!

From **Len Miller**: "I am still working on projects with professors at Stevens so hopefully in a year or two I will have something new to report."

From **Fred Chasalow**: "Hi Harley, Here is some news. I just got back from the Endocrine Society meeting. I presented a paper describing the discovery of some neurohormones. The research was funded by a government grant. I just applied for a new grant to investigate the role of hormones in Alzheimer's disease. I serve as chief scientist at Coddle Creek Capital and special consultant for therapeutics at Retinalgenix Technologies. You can see my picture on both company websites.

"So far, I have tried to retire three times, #1 professor of pediatrics at SUNY Brooklyn, #2 associate vice president at Morgan Stanley and #3 when I sold IOMA to Coddle Creek Capital. Maybe I will quit when I am 90.

"I started a team to support Alzheimer's syndrome. We have raised over $250K so far. I continue to play bridge and mentor new bridge players. I just reached the rank of Diamond Life Master. We had to sell our Beneteau boat 20 years ago. I miss sailing and racing. We watched the America's Cup races when they were in San Francisco. Sandra and I will qualify for the 60–60 club at Thanksgiving. With regards to all."

From **Pete Astor**: "After retiring, I took up drawing and painting, just like President Bush. I've been doing lots of exhibits and have won some awards. See a photo of the painting I created for Independence Day near this class log. You can check out others on my Instagram. See also near this log a floral abstract that I like a lot, called "Emergent Rose." It's a mixed media painting, meaning I used inks, watercolor paints, acrylic paint and oil paint. I cut and stretched canvas in order to put it into an old frame of unusual dimensions. It was submitted to SOPAC (South Orange Performing Arts Center) for their fall exhibit."

From **Peter Jansson**: "Dear Harley and Stevens classmates, here is my long overdue update. Following Stevens and brief engineering at Perkin-Elmer, I spent four years at Florida State. Intimidated by brilliant students and professors, I felt that if, by some miracle, I could complete a Ph.D., I might become a research manager. By a stroke of luck, I made a discovery that did enable a physics Ph.D. and launched me into a 33-year career at DuPont.

"Early on, I leaned toward invention and leading research teams. I founded DuPont's image processing group and developed imaging instrumentation. I skipped the normal management progression and chose a technical path. It was my true calling. DuPont featured my work on the cover of its 1980 annual report and later, around 1990, drafted me to lead a large program in artificial neural networks. Too big, too soon. It died of corporate natural causes, but I had fun and learned a lot.

"I was elected a fellow of the Optical Society of America at age 34. Mid-career, I unexpectedly found myself sole custodian, chief cook and bottle washer for two teens. Our little family survived, then thrived. My son and daughter now enjoy careers in chemistry and engineering. My grandson attends high school.

"Along the way, I authored a book about my Ph.D. discovery. It guided the Hubble Telescope Institute's





Peter Astor '64 took up painting and drawing after his retirement; check out two of his paintings above and learn more in the '64 log.



Erin McKenna '97, head of medical devices and operating partner for Amplify at Mass General Brigham Innovation.

The Why Before the How

Erin McKenna '97

BY CHARLES O'BRIEN

Early in her 16 years at Boston Scientific, Erin McKenna '97 and her team developed and commercialized a medical device, only to discover that clinicians felt it solved a problem that didn't need solving.

That experience has shaped her approach to innovation ever since, she says, prompting her to ask more questions about the needs new technologies are intended to address and the people who will ultimately use them. As she moved into technical project management, she increasingly brought engineers, marketers and clinicians together to question assumptions and better understand problems from different perspectives.

Today, McKenna is head of medical devices and operating partner for Amplify at Mass General Brigham Innovation, where she helps Mass General researchers advance promising early-stage medical devices and diagnostic technologies toward commercialization and, ultimately, patient care.

McKenna also directs Brigham Ignite, an early-stage translational program that helps Brigham and Women's Hospital researchers and clinicians move high-potential discoveries closer to patient care. Ignite draws in part from the model of the Boston Biomedical Innovation Center (B-BIC), a National Institutes of Health-funded life science accelerator where McKenna served as deputy director. Projects receiving B-BIC awards have generated more than 20 times their initial investment on average.

For McKenna, programs like B-BIC and Ignite help fill a critical gap between early research and the point when a discovery is far enough along to attract commercial interest. "Without funding from groups willing to invest with little follow-on ownership requirements, such as the government or other nonprofit organizations, it is difficult to fund the types of exploratory questions addressed that lead to impactful discoveries that can then be developed into solutions," she says. "Industry isn't going to fill that gap."

Her interest in the difference new technologies could make in patient care began at Stevens, where she studied chemical engineering and says the cooperative education program had the greatest impact on her career. Different work environments helped her discover where her interests fit, including a co-op at medical technology company i-STAT, now part of Abbott Laboratories, where she saw firsthand the impact bedside blood testing could have on patients.

While her co-op experiences helped McKenna identify the kind of work that interested her, she says the late Stevens Professor Don Merino '60 M.S. '63 Ph.D. '75 helped her envision a future she had not considered.

"He told me that he believed I could be a leader in industry, specifically in technology management, and it was the first time anyone ever told me anything like that," she says. "His guidance helped me recognize that there could be other paths for me beyond being an engineer." ✦

David Degner

recovery of its infamously flawed images and helped justify NASA's optics-repair shuttle mission. My method also led to discovery of the Halley's comet nucleus and the Hubble's first image of a star's surface, plus the first deconvolution fluorescence microscope and 3D movies of chromosomes in dividing cells, thereby advancing cell biology and cancer genomics. My book has remained in print since 1984, over 40 years. It recently guided an international imaging challenge from the Finnish Inverse Problems Society.

"In 1993, after ten years of single life, I met my wife Lihong. We share a son, a recent graduate of the University of Delaware in electrical engineering. In 2013 I found, at Purdue and after years of searching, my favorite Stevens professor William Pak, who taught physics. At Purdue, he switched to biology and became a much-celebrated professor. On page 40 is a photo of Professor Pak and me. Despite the years, and then at age 80, Pak still looked the same!

"Over the years I served on faculties at Purdue and the University of Arizona and lectured at many medical schools in Europe, Canada and the U.S. Today, I enjoy ham radio and my basement lab.

"Warm wishes to everyone. I hope you are finding productive, interesting and rewarding things to fill your days."

Classmates: Let us know how you are doing, as our class shrinks, we need to stay close. I hope everyone stays safe and well.

— Harley Graime
hgraime@att.net

1965

July 20, 2026 — **Ken Tompetrini**'s son emailed me to report that on June 11, 2026, after a brief illness, Ken passed away peacefully at home in Arizona. Ken played golf three times a week until a month before he passed.

Bob Braine — Hopes to kick butt at next week's National Four-Wall handball Championships in the 80-plus division. "I'll have to be careful how hard I kick, because my 84-year-old ankles sometimes give me grief."

Bill Thogersen — Bill lives in Mount Vernon, Washington, on the Skagit River. In the summer of 2025, an atmospheric river inundated the state. Fortunately, the city had erected an additional barrier on top of its protective dyke, since the river rose to within 6 inches of its top! This year it was never as close.

Alberto Lorenzoni-Dal Bon — Usually, Albert is one of the first to respond to my status checks, but not this time. When he responded to my third request, he explained: "I was deprived of internet for a whole week. Everything is okay. With my wife, daughter and grandson, we took a 1,500-mile "tour "of California."

John Abom — John, another of my early respondents who went missing until the third request, was in Ireland visiting his son's family. This year, Ireland was much hotter than normal. They returned to Florida on July 11.

Al Schober — "Just back from a six-night cruise in Maine. 28 passengers, two masts, no engine. I can recommend the schooner Mary Day. On 7/03, we participated in the Great Schooner Race and took a bunch of trophies. The skipper was thrilled!"

Phil Rubin — "I am just fine and still working. We just celebrated our 60-year wedding anniversary."

Jim Kiel — "**Bob Bison '64**, one of my Alpha Sigma Phi brothers, stopped by my South Jersey house on his way to the July 4th activities at Stevens. We had a great visit talking about Stevens and life's experiences. Alpha Sigma Phi is celebrating its centennial at Stevens this year. I'm helping to gather historical information for a planned dinner celebration."

Gary Cymrot — "Last Monday, I played in the Stevens golf outing, the proceeds of which support Stevens athletics. I arrived early and enjoyed the breakfast provided. I sat at a table and was soon joined by a young guy. I asked him, 'What class are you?' 'Class of '23 — what about you?' I said, 'I'm sorry to tell you: Class of '65.' Then he stuck the dagger in my heart. 'Gee, What were things like back then?'"

Karl Auerbach — "Still well in beautiful Ticonderoga, New York. At present, I'm busy building garden beds. Work on my G-scale outdoor model railroad starts next."

Martin Gornstein — "On July 4th, with our kids and grandkids, we watched the tall ships sail up the Hudson from Castle Point."

Al Gottlieb — "Just home from a band trip where I played my French horn in Prague, Salzburg, Vienna and Budapest."

Dick Hulbert — "Three years ago, I broke a hip; three months ago, I broke the other one, so two months ago, I moved from a residence of 44 years to a retirement community. Still working 20 hours per week. My self-driving Tesla takes me to and from work."

Dan Peck — "On April 21, grads and wives attended the Chi Phi Old Guard Reunion at the Grand Canyon — something that's actually older than us! We stayed at the Grand Canyon Railroad Hotel in Williams, Arizona. We took a two-hour train ride which included the best lookout points and a buffet lunch."

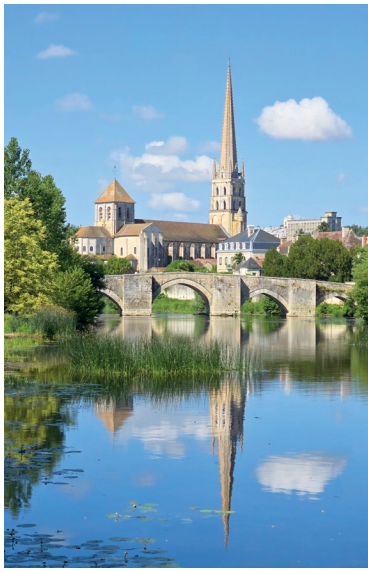
This July's status check responses were better: 81/141, with new addresses or phone numbers. Please send me an update.

— Steve Cochran
cochransm@aol.com

1966

July 28, 2026 — It's now been almost two months since our Class of '66 Reunion at Stevens on June 5–6. It was great seeing so many of you that weekend, as well as having the opportunity to speak with you, as we worked in preparation for the reunion. Particularly, let me extend my "Thanks" to those classmates who worked diligently to plan and execute the programs needed to deliver this memorable weekend in Hoboken. The '66 Class Officers appreciate your interest and support.

I would especially like to extend my special appreciation to **Art Lifshey** (keyboard) and his wife, Joan (singer, percussion and ukulele), and to my wife, Carolyn (singer), who performed with me (on the 12-string electric/acoustic guitar). Without these partners, we could not have provided the musical quartet needed to deliver "Songs of Our College Years" or provided those songs in a helpful book format (courtesy of Art and Joan). It was great to have alumni from the Class of '71 join us. Together, we performed a sing-along on Friday evening at our cocktail party. I also extend my thanks to Stevens for the use of the "Babbio Hall Performance Space," overlooking the NYC skyline and Hudson River.







Top to bottom:
During his travels in France, Rich Seeley '66 shot this stunning photo of the Abbey in Saint-Savin.

Rich Seeley shared this photo of him and his wife during their trip to the Fortress at Angles-sur-l'Anglin in France.

Providing '60s tunes and other beautiful music at their Class of '66 reunion in June at Stevens, from left, are Art Lifshey and his wife, Joan, and Carolyn and Gerry Osborne.

TOWNSEND APPOINTED TO LEAD ALUMNI, EXTERNAL RELATIONS EFFORTS



Gregory Townsend — an accomplished professional with deep experience in the higher education and government sectors — was named assistant vice president for Alumni and External Relations in May and executive director and executive secretary of the Stevens Alumni Association in October. Townsend, who joined Stevens in 2021, served as assistant vice president of Corporate, Government and Community Relations prior to his current role.

He will oversee alumni engagement as well as corporate, government and community relations, to strengthen coordination across Stevens' external partnerships and enhance the university's ability to engage alumni and partners.

"I'm excited to bring alumni engagement and external relations closer together to increase our collaboration and further enrich the alumni experience," he says. "With partners across campus, we're focused on creating more meaningful opportunities for alumni to engage with each other, with students and faculty, and across industries and communities that Stevens serves."

Prior to joining Stevens, Townsend worked as a special adviser to the president of Drew University on government and industry relations, led Drew's Career Center and worked with the alumni relations team to build mentorship pipelines to Drew students. Before that, he was chief of staff to the commissioner at the New Jersey Department of Labor and Workforce Development and he previously worked in the New Jersey Governor's Office in a variety of roles, rising to senior policy adviser on topics including labor and workforce development, transportation and energy.

Townsend earned a bachelor's degree in political science and French from Drew University and a master's in diplomacy and international relations from Seton Hall University.

— Beth Kissinger

The weather for that portion of Alumni Weekend was spectacular.

George Henry, '66 class president, prepared an excellent PowerPoint presentation for our party. A link to that presentation is available to our classmates and can be obtained by emailing me at gerryo44@yahoo.com. This PowerPoint also contains information on many of our classmates who have passed on. Please let me know should you have problems with this link. I can also include this link on our '66 Facebook page or would be willing to send you a copy of that actual PowerPoint presentation in response to your e-mail!

Active participants on the '66 Reunion Organizing Committee were: **Tony Bastardi**, **Doug Brookbank**, **Phil Brower**, **Bob Dent**, **Don Faul**, **Tom Hammell**, **George Henry**, Dianne and **Mike Kochamba**, Joan and **Art Lifshey**, **Duncan MacMillan**, **Rich Seeley**, **Howard Sumka**, **John Talbot**, **George Thompson**, **Roger Wartell**, **Al Zorner** and myself, plus Stevens staff, including Jennifer LeFebvre.

'66 Reunion attendees included: **John Barrere**, **Anthony** and Marilyn **Bastardi**, **Jim** and Kathleen **Berger**, **Bob Bicknell**, **Gary Blauth**, **Doug Brookbank**, **Phil** and Cheryl **Brower**, **Gerald Clearwater**, **Bob Dent**, **Harry** and Carol **Folan**, **Dominic Fuccile**, **Robert Goldberg**, **Bill Golden**, **Tom** and Ruth **Hammell**, **George Henry**, **Art** and Joan **Lifshey**, **Glenn** and Cheryl **Nelson**, **Gerry** and Carolyn **Osborne**, **Howard Sumka**, **George Thompson**.

'71 Reunion attendees included: **Brian** and Barbara **Fitzpatrick**, **Wayne** and Joyce **Monsees**, **William** and Candace **Rerecich**, **Joseph** and Lois **Scerbo**, **Mitchell** and Char **Stanko**, **Vinny** and Fran **Truncellito**, **Ron** and Andrea **West**.

My apologies if I have left anyone off this list, and I look forward to again meeting with you in the future.

— Gerry Osborne
gerryo44@yahoo.com

1967

September 4, 2026 — *Aviation Week*'s headline of July 10, 2000, reads, "John W. Kilpatrick Jr., And **W. Neill Myers**." The article begins, "John W. Kilpatrick Jr. and W. Neill Myers have won NASA's Distinguished Service Medal, the agency's highest honor. Kilpatrick, who is deputy director of the NASA Marshall Space Flight Center's Engineering Directorate, was cited for leadership in the conception, formulation and implementation of a ..." And then, it ends. "Subscription Required" in bold letters appears.

Preceding every issue of the *Indicator*, I send emails to seven or eight of our classmates from whom I've not heard in years (or ever). From these recent emails, the responses were sadly limited. This time, my email to Neill was returned: the email address was no longer valid. So I did a little Google search and the wonderful announcement from 26 years ago appeared! Neill, where are you? I hope you are well and still receiving major awards!

Fred Herman responded with a brief message and the promise to send a full update later in the month. So, you'll read more about Fred in the next issue. But for now, I can report what he did write: "For the most part, I have been a gig worker before that was a thing. Additionally, I have worked in non-specific engineering areas ... to answer your question about location, I have a residence in both the Colorado Springs, Colorado, and the Laramie, Wyoming, areas." My quick Google search led to a 2025 publication of Fred's titled, "Bioenergetics Analysis of Glucose Metabolism in Normal and Cancer Cells: Implications for Breast Thermography." For those of you interested in the topic or in Fred, you can find the article at: doi: 10.5281/zenodo.16658437.

I did receive another response from one of our classmates to my inquiry email. He wrote a very touching message, that he values and appreciates receiving the *Indicator* and reading the '67 logs. But he also said that his life just wasn't what he had hoped it would be, and thus he asked me to forgive his reluctance to share any updates of his life experiences. He asked also that I not write to him again. My heart goes out to him and, in a sense, to all of us. Even those most successful of us — financially, professionally, and personally — suffer the consequences of unexpected and unwelcome visitors to our lives. Oh, I look back to our times at Stevens, the future looked so bright and promising but the clouds of disturbing possibilities — at least for me — were elsewhere.

Today, we understand the true complexities of a long life.

And on that note, I end this log on a second sad note. **Don Daume** has died. Don was our class's chief fundraiser, which means that he and I frequently connected. Usually, he'd send me information on the recipients of the '67 Class Scholarship and related "development" materials. Until recently, he shunned email ... and even computers. Still, usually for no specific reason in hand, every few months or so, I'd call Don — to add some cheer to his day and to mine. We'd always joke about this or that. He was always upbeat. Still, my last call received a bland message from the phone company. You know what that means. I already miss Don dearly.

Donald Edward Daume, a Stevens Alumni Award winner and past Stevens Alumni Association (SAA) president who devoted his life to supporting people and treasured institutions in his community, passed away on December 19, 2025.

A former Stevens faculty member, who served the university from 1968 to 1970, Daume held executive and management roles across a spectrum of major corporations, including Babcock & Wilcox, Scott Paper Company, Chemico, M.W. Kellogg, Warner-Lambert, General Electric Environmental Services and Garden Holding Company, Inc.

"However, Don's true impact was felt most deeply in his role as a soft-spoken contributor to his community," his family said. "He gave his time and attention generously to a wide variety of causes, viewing service as a lifelong obligation."

Daume was a longtime leader and member of the SAA and longtime secretary of the Stevens Metropolitan Club. An Eagle Scout, he served as a scoutmaster and later, life member of the National Eagle Scout Association. He was a dedicated Freemason for nearly 60 years. He also served as an elder with the First Reformed Church of Hasbrouck Heights, New Jersey.

Daume also served in various leadership roles with the American Society of Mechanical Engineers and was a member of the American Association of Cost Engineers and Sigma Xi, among others.

"Don Daume was the SMC secretary for a long time," says fellow SMC member Enrique Blanco '72. "He had excellent records and made sure you would get a birthday card for your birthday and a get-well card if you were sick. He also led us in singing happy birthday at the SMC Luncheon to all members who were there and had a birthday in that particular month. We miss him a lot."

"Don Daume was a man of quiet strength, a quick wit, an observer of details, and a faithful friend who ensured no one felt forgotten," his family said.

He is survived by his nieces and nephews David Daumé, Lori Daumé, Patti Petroff and Hal Daumé III; his great nieces and nephews Dylan, Samantha, Jove, Veeda and Elliot; his cousin Alice Biber; sister-in-law Linda Sausville; and additional relatives as well as a large community of friends, colleagues, masons, neighbors and church members who were the beneficiaries of his lifetime of kindness.

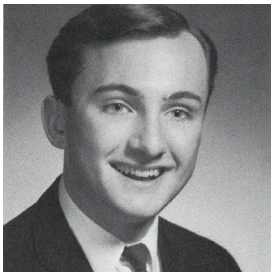
— Jeff Seeman
jiseeman@yahoo.com

1968

July 15, 2026 — Well, I found the secret to getting you guys to write to me: Don't list your name in my log! I got responses from nine of you! That's a record for me and my log. Unfortunately, I won't be able to print all of your comments in this log since I'm limited to 600 words. I'm going to print them in chronological order of receipt. But, I'm going to tell you who they are: **Pete Murphy**, **Paul Flanagan**, **Brian Rosetti**, **Phil Pryjma**, **Rich Noble**, **Joe Carra**, **Mel Thor**, **Joe Tana** and **Tony Wereta**.

Pete Murphy sent a photo (which should be included somewhere near this log) of Fred Swanson, Pete and **Bruce MacDonald**.

"Al, we got together in October (2025) on a river cruise of the Columbia Snake River. I have enclosed a photo taken on the Oregon Coast in October 2025 of Fred Swanson (left), me in the center with the Stevens hat, and Bruce MacDonald (right). We have remained close friends for many years, including our wives and children, and have traveled together often. Fred is retired from many years with Aramco in the oil business and is living in the Florida Keys; I retired from teaching in 2011 and from the power industry in 2000 and have landed in Massachusetts; and







Top to bottom:
Don Daume '67, who passed away last year, is remembered in the '67 log.

Enjoying a day on the Columbia and Snake rivers in Oregon in October 2025, from left, are Class of '68ers Fred Swanson, Pete Murphy and Bruce MacDonald.

Paul Flanagan '68, seated at center, gathers with his family. Read more about his life since retirement in the '68 log.

"We also took the high-speed train from Frankfurt to Paris. What a lovely experience! Speeds over 100 miles per hour, quiet and able to easily walk around."
Paul Flanagan '68

Bruce is still a working attorney in elder law in Westchester, New York. We are all reasonably healthy and enjoying an active retirement."

Paul Flanagan writes, "I accepted Al Foytlin's challenge to write an update from the 50th anniversary. At that time, I wrote mostly about work accomplishments. It has been a very long time since I retired (2007), so what are we doing now?

"Enjoying our grandchildren and their accomplishments. One granddaughter played Division 1 soccer throughout college while maintaining a 4.0 average, graduating in four years with bachelor's and master's degrees and has been admitted to medical school to complete an MD/Ph.D. program. My other granddaughter started Miami University of Ohio majoring in robotics this fall. My son's children are much younger and still in elementary school.

"We continue to travel. We love the river cruises in Europe and have done many of them. We also travel with our children and grandchildren to Florida, Palm Springs and the Virgin Islands.

"My son and his wife were transferred to Germany for two years with John Deere, and we visited them each Christmas. The first time, it was just Carolyn and me. They lived in Heidelberg about 50 km south of Frankfurt. Heidelberg is beautiful, with great sites that you can enjoy on the Travel Channel. My comments are about different facets of life there, such as the great mass transit system. In the city, trains and buses work on the honor system. You buy a pass and then just walk on with no conductor present. Though my son said that occasionally they would check and you had to produce your pass or receive a substantial fine, he was only checked once in two years. (Can you see that working in the U.S.?) The train system between cities was also excellent, clean, comfortable and on time. The winter weather was a surprise to us, light drizzle every day, with occasional rain, temperatures in the 30's. When we returned, we bought water-proof gloves and jackets for the next trip.

"The next Christmas, my daughter's family joined us. On this trip we enjoyed a number of the Christmas markets, each town having a unique cup for the hot wine which also makes a nice souvenir. We also took the high-speed train from Frankfurt to Paris. What a lovely experience! Speeds over 100 miles per hour, quiet and able to easily walk around. (Contrast this with the U.S. idea for high speed which is to eventually go as fast as the 1935 steam locomotives.) The kids wanted to go to Disney Paris, an experience I wouldn't recommend in the winter.

"Like many of our friends, we considered downsizing or assisted living. Luckily for us, our daughter has a lovely house in a southern suburb of Dayton, Ohio, and invited us to move in, which we just did, selling our house of about 50 years. Our daughter's house is about 6,000 square feet, and we have a walk-out basement with full-size windows, kitchen, patio, a full bath (shower) and a half bath and, finally, a walk-in closet that is 17 feet long, in total about 1,800 square feet. They went to IKEA to organize the closet, for Carolyn to fill it. They both completed their assignments.

"Our health remains fairly good, and we look forward to more travels though probably ones with less walking."

You'll hear from the others next time (Spring 2027). Till then, stay healthy and safe!

— Al Foytlin
foytlin01@gmail.com

1969

July 24, 2026 — *The Old Guard News* continues to gain readers. We publish stories that Old Guard members share with us on the history of Stevens, our second acts, the things we get involved with and enjoy in our later years, paying it forward with our efforts to help future generations, and the 50-50 Club with stories about Old Guard members who have been married for more than 50 years. Our classmate **Bruce Matern** and his wife Dolores are members of the 50-50 Club and were featured in a recent issue of the *Old Guard News*. They met at an ice cream shop in Westmont, New Jersey, where each had gone with friends. Bruce, who was working at the time and had a few dollars in his pocket, bought ice cream for everyone. As the two groups began talking, he struck up a conversation with Dolores. When they were leaving, Bruce asked her for a ride to his friend's house. She agreed because his friend turned out to be her cousin. The two began dating and married in the summer of 1969, after Bruce graduated from Stevens.

When I asked how they had stayed married for so many years, Bruce quickly replied, "She put up with me!" Dolores offered a deeper perspective. She said that before they married, they talked about everything, including their values and important questions such as whether they wanted children. Good communication has remained central to their relationship.

If you have a story you would like to share, please send an email to Ed and he will connect you with the *Old Guard News* writers.

— Ed Eichhorn
eceichhorn@medilinkgroup.com

— Gerry Crispin
gerry@cxr.works

— Russ Eitel
russ@eitelgroup.com

1970

July 29, 2026 — Rich Stack wrote, "Since we are all retired (I'm guessing) how about a fun challenge for the Class of 1970? Over my working career after graduating from Tech, I lived and worked in a lot of places. I'm challenging the rest of the class to top me. Here are the statistics:

- I've worked for 5 companies (Westinghouse, Stone and Webster, EBASCO, Bechtel and Chevron).
- I worked for the U.S. Government (TVA).
- I have had consulting assignments with three consultants (Pathfinder, JEM Advisors and Planning Analytics).
- I taught construction management at the University of Houston.
- I lived and worked in seven U.S. States (NJ, NY, PA, MA, VA, TN, and TX).
- I lived and worked in 10 countries outside the U.S. (Algeria, Australia, China, India, Japan, Kazakhstan, South Korea, Papua New Guinea, Saudi Arabia and United Kingdom).

"We are doing OK. Not much traveling anymore. My goldendoodle and I took some training and are now an AKC certified Therapy Dog team. Starting to visit schools, senior citizen facilities and veteran

On a Mission to Improve Emergency Care

Dr. David Schreck ’75 M.S. ’75

BY BETH KISSINGER



Emergency care in the United States is broken, says Dr. David Schreck ’75 M.S. ’75 — and he is on a mission to fix it. As co-founder and co-CEO of Acute Medical Management, Inc., Schreck is building a new model for patients with high-acuity healthcare needs.

He notes that 90% of patients in the United States who visit an emergency department wind up getting sent home — often after very long and uncomfortable waits — to a fragmented and expensive system that drives nearly $500 billion in avoidable costs.

AMM, with seven clinics across New Jersey, addresses this by providing hospital-level evaluation and treatment in an outpatient setting and connecting patients with follow-up care on discharge. He previously built these clinics as part of the Summit Medical Group, where he was chairman of emergency and hospital medicine.

When it comes to emergency medicine, Schreck has major cred: more than 35 years in emergency and primary care, providing care for 200,000 patients — through COVID-19, anthrax attacks and Sept. 11, 2001.

In a notably wide-ranging career — he holds four patents, has done extensive clinical research and co-founded medical device company VectraCor with his brother, Brad Schreck ’78 M.Eng. ’79 — Schreck has served as vice president of the Atlantic Health System, overseeing acute medical care; vice chairman of the Department of Medicine at Overlook Medical Center; and chief of emergency medicine at Muhlenberg Regional Medical Center, among other positions.

He never stopped seeing patients. “That doctor-patient relationship, to me, was the most rewarding,” he says. “It’s based on trust — a kind of mutual respect, and it’s the greatest honor.”

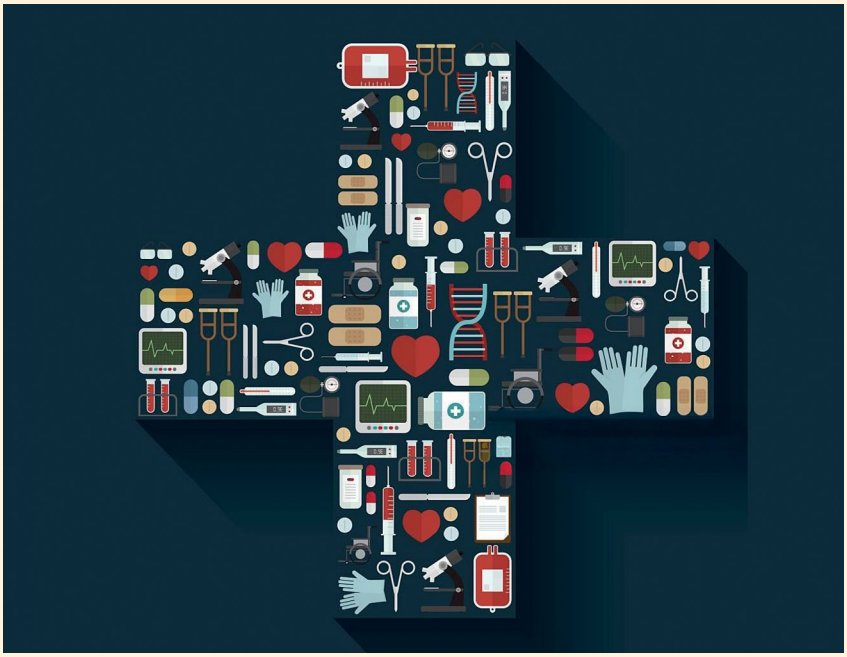
A proud son of Paterson, New Jersey, Schreck was the first in his family to attend college. His dad sold shoes, as Schreck did throughout his Stevens years. He praises Stevens’ Undergraduate Projects in Technology and Medicine program, which allowed him to pursue EKG-related research that helped lead to the Schreck brothers’ VectraCor, a New Jersey-based company that develops cardiovascular diagnostic technologies.

“That doctor-patient relationship, to me, was the most rewarding. It’s based on trust — a kind of mutual respect, and it’s the greatest honor.”

“Stevens taught me how to innovate,” he says. “I had my own lab!”

Today, he sees patients occasionally and volunteers with the Newton Free Clinic in New Jersey, which treats low-income patients, accepting no payment. His motto: availability, affability and ability.

“You’ve got to be available to these patients,” he says. “And you’ve got to have a little bit of personality. We all put our pants on one leg at a time. Show some empathy, let them know you care.” ✦



Portrait: Barry Falls





Top to bottom:
Class of '72 Alpha Sig brothers and other Stevens alumni visited Kennedy Space Center in Florida in early June. From left are Mike Stegura, Rich Bradshaw and John Gibbs. Sadly, Rich passed away unexpectedly on June 24, 2026.

Rich and his wife, Janet, with the Mercury Capsule at Kennedy Space Center. Read more about Rich in the '72 log.

facilities. Can't go to hospitals until we complete a number of probationary visits. It is something to get me off the couch and out of the house." Rich can be reached at rhstackjr@hotmail.com

Mary Lou **Van Handle** thanked us for the kind words and picture of her and **Hank** in the last log. Her oldest granddaughter plans to major in engineering at the honors college at the University of Vermont and visit Mary Lou at her place in Vermont. Maybe she will follow Hank in electrical engineering?

Unfortunately, we lost **Joe Pavano** on June 5, 2025. Joe came to Stevens from New Britain, Connecticut. He majored in chemical engineering, belonged to Delta Tau Delta fraternity and was active in many sports. We could not find his work history. From his obituary, https://www.ericksonhansenberlin.com/obituaries/joseph-pavano, Joe was a kind, compassionate man, often called a gentle giant by one of his nieces. This is how we hope all will remember him. We offer our condolences.

The latest status spreadsheet we received from Stevens shows we have lost 37 classmates we know of. At our age it is likely this number will start to climb and not on a linear scale. There are classmates that appreciate this log and finding out the status of fellow classmates. **Rich Stack** provided a fun challenge. Why not respond to it or send me some information for the next log?

Stay healthy and safe and plan on attending our 60th in 2030. I plan on being there as I could not attend our 55th.

— E.A. Golebiowski
eagolebiowski@att.net

1971

July 28, 2026 — A huge nine members of the Class of 1971 attended our 55th class reunion at SIT on Friday, June 5, at the Babbio Center. It was a nice buffet dinner in the atrium, together with the class of 1966.

The highlight of the evening was a table with five Pi Lambda Phi brothers and their wives. All five couples met at Stevens and are still alive and married over 50 years later! The couples get together periodically for a meal and to reminisce.

Barbara and **Brian Fitzpatrick** are living in Fairfield, New Jersey. Brian is still working as a representative at his surgical supply company and says that he will never retire. Golf is an important side occupation, and they have an escape residence at Seapoint Village in Diamond Point (near Cape May). They did, however, squeeze in an Alaska cruise vacation, along with their daughter, Samantha. Samantha teaches in Montclair, New Jersey. Their son, Bradley, also works in the surgical supply business. They also have two grandkids who keep them running to hockey, lacrosse and soccer games.

Candace and **Bill Rerecich** are living in the Enchantment 55 and over village in Hamilton, New Jersey. Bill sold his burglar and fire alarm business in 2018, and retirement includes playing pool and training workups (karate, etc.). Their son, Brian, is a computer programmer in Cary, North Carolina, and daughter Kim teaches elementary school in Parsippany, New Jersey. Four grandkids help keep them busy.

Lois and **Joe Scerbo** are living in Paramus, New Jersey. Joe is gainfully employed as a retired person, taking up golf at age 65. He spent his career at power plants, including being at Three Mile Island during the nuclear accident. His son Eric lives at Lake Hopatcong, New Jersey, and is a PSEG emergency power dispatcher. Son Josh is a lawyer in White Plains, New York, and son Jeff lives in Fairlawn, New Jersey, working on low-voltage systems.

Char and **Mitch Stanko** are living in Morristown, New Jersey, and have a vacation/rental property at Indian River Bay in Millsboro, Delaware. They sold off the Diamond Beach property. Mitch retired in 2017 after a career in coal-fired power plant construction. Mitch still maintains and drives his red 1975 Corvette (his wedding present to himself), but sold his 1971 Triumph motorcycle in 2025, since it could no longer be repaired. In 2026, they took a 12-day Eastern Mediterranean cruise from Istanbul to Athens. For their 50th anniversary, they spent three weeks in Italy, including Lake Como, Venice, Florence, Rome and the Vatican, Naples, Pompei and Sorrento.

Fran and **Vince Truncellito** are living in Manchester, New Jersey. In retirement, Vince keeps busy acting in his community arts center (including a starring role in "Fiddler on the Roof") and doing stage construction, editing his community newspaper, painting and doing stained-glass work. Their son Joe lives in South Orange, New Jersey, along with their two grandsons. Daughter Jamie lives in Bayonne, New Jersey, and is a guidance counselor in Lyndhurst, New Jersey. Fran and Vince took an August vacation to Hawaii (Oahu, Maui and Kaua'i), and to see some relatives. Vince was born in Hawaii.

I was informed of the production of a hit movie, "South Side Story" (a West Side Story spoof), filmed by the group while at Stevens, directed by **Vinny Truncellito**, with guest appearances by some of the wives. He promises a screening at our 60th reunion.

The next *Indicator* will include notes on the remainder of the 55th reunion attendees (**Joe Garvey**, **Ron West** and **Wayne Monsees**) plus news from **Bob Pellek**. It should also include corrections from the above, which were based on my semi-legible notes at the reunion.

— William Stengle
wfs20hlm@aol.com

1972

*(Written collaboratively by **Enrique** and **George**)*

July 2026 — Dear Fellow Classmates, As George's section below makes clear, this is a sad log, honoring five classmates who have passed away. Friends, we are not getting any younger. Mary and I recently celebrated my 75th birthday aboard *The Oasis of the Seas*, only to return to a calendar crowded with doctors' appointments. All the more reason to stay in touch, gather when we can, reminisce, and enjoy one another's company. New Year's Eve on a cruise ship is wonderful — and if you overindulge, a steward will see you safely back to your room.

Next Alumni Weekend will be June 11–12, 2027. Mark your calendars now for our 55th anniversary, when we traditionally hold a class reunion and Friday dinner. Please make an effort to come, enjoy Alumni Weekend and reconnect. Now I'll pass the pen to George.

Thanks Enrique! Enrique, Mary, and I had a great time attending the Old Guard Luncheon during Alumni Weekend in Hoboken. Simultaneously, our Floridian Alpha

Sig brothers, **Mike Stegura '72**, **John Gibbs '72**, and **Rich Bradshaw '72** with Rich's spouse, Janet, were attending a Stevens-sponsored visit to the Kennedy Space Center, enjoying the massive rocketry.

Since then, Mike informed us that **Rich Bradshaw** unexpectedly passed away on June 24, 2026. Born and raised in Jersey City, New Jersey, Rich earned five degrees in physics and engineering from Stevens Institute of Technology, Carnegie Mellon University and Rensselaer Polytechnic Institute.

A registered professional engineer, Rich spent 40 years in commercial nuclear power, including work with the U.S. Navy nuclear propulsion program, leadership at Westinghouse and assignments across the United States and Europe.

As a member of Alpha Sigma Phi, Rich treasured lifelong fraternity friendships. He will be remembered for his warmth, wisdom, brilliance, curiosity and love of physics and advanced mathematics.

Sadly, we now turn to some additional difficult news to share about our other fallen classmates.

Allen Deraney, who passed on October 16, 2025, was a proud alumnus, chemical engineer, and Chi Phi brother remembered as a talented drummer, loyal friend and vibrant campus presence.

After graduation, Allen built a successful career in chemical procurement and supply chain leadership at Lonza, Thermo Fisher Scientific and Jurchen Industries, earning respect for his judgment and global sourcing expertise.

Outside work, Allen loved drumming with "The Tired Old Men," collecting Laurel & Hardy memorabilia, traveling and celebrating his Lebanese heritage.

We also mourn the passing of **Kenneth Kiseli**, on February 9, 2026, at age 75. Raised in Linden, New Jersey, he earned a mechanical engineering degree from Stevens and was remembered for his wit, love of fun and racing at Englishtown, New Jersey. Ken began his career at Sperry Rand, where he met his wife, Barbara, then settled in Brick, New Jersey, and served as a respected municipal building inspector known for fairness, professionalism and wit. He loved sports — especially the New York Jets — along with football and golf pools, music and helping his neighbors, friends and fellow alumni.

We also remember **Raymond Patala**, a Sigma Phi Epsilon brother who passed away on July 13, 2025. Born in Rome, New York, Ray came to Castle Point with a remarkable memory and love of history, later building a career with the Naval Civil Service.

Colleagues valued Ray's service, precision and problem-solving, while his fraternity brothers will remember his competitive spirit, humor, storytelling and love of chess and backgammon.

We recently learned that after a brief illness, **Edward Ryan** passed away on July 20, 2019. A Stevens civil engineering graduate, Ed built a distinguished career in southern New Jersey, founding Edward P. Ryan Consulting Engineering in 1976 and leading it for more than 40 years while also serving the state on key building and code committees.

Outside of work, Ed was a "kid at heart," remembered for his love of Disney and Broadway, playful water gun battles, and guiding his 11 grandchildren on family travels.

We extend our deepest condolences to the families, friends and fraternity brothers of all our fallen classmates. May their memory inspire all who knew them.

— Enrique Blanco
elbmcb2@gmail.com

— George W. Johnston
gwjohnstonjr@msn.com

1973

July 27, 2026 — Greetings all fellow classmates. Your class officers have been meeting regularly to continue to plan ways to encourage communication and contact between our alumni. While the *Indicator* is published only twice a year, Frank sends out a monthly class bulletin that contains more up-to-date information regarding our class and pertinent activities at Stevens. If you aren't getting Frank's bulletin and want to, be sure to send your email address to Frank at frank.vastano@yahoo.com so you can get on the distribution list.

Six of our alumni attended the 2026 Alumni Weekend Old Guard luncheon. Present were **Bruce Blondina**, **Harvey Millman**, **Francis Pan**, **Greg Stanko**, **Frank Vastano** and **Charles Vitale**. Our own Frank Vastano is the chairman of the Old Guard Committee and welcomed

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Top to bottom:
Charlie Vitale '73 stops by the Stevens Musculoskeletal Control and Dynamics Lab at Stevens. Read more in the '73 log.

Ed Kolano '76, center, was riding his motorcycle in Jasper, Alberta, Canada, where he met by chance Stevens student Rohan Rao, right, and his family. Read more in the '76 log.

The Houston Club gathers in July at the Puttery in Houston for some mini-golf, dinner and a fun evening catching up with fellow alumni.

the Class of 1976 into the fold. Two classmates, **Joel Katzman** and **Joe Mitro**, attended remotely from Houston. Afterwards, **Charlie Vitale** and Bruce stepped forward to volunteer for a Ph.D. graduate student's Balance Study in the Stevens Musculoskeletal Control and Dynamics Lab.

If you want to take a trip down memory lane, watch the video of Frank and Bruce's return to campus: https://www.instagram.com/reels/DYz8xl-jVgh

On a sad note, our undergraduate Class of 1973 president, **Ben Avila**, passed away on April 26, 2026. This is from his obituary.

Ben was a graduate of Delaware Valley Regional High School (Frenchtown, New Jersey) and Stevens, where he earned a bachelor's degree in civil engineering. During his time at Stevens, Ben served as the president of both the Class of 1973 and his fraternity, Beta Theta Pi, while also playing on the varsity lacrosse team.

After college, Ben began his career with a brief stint as an electrician before transitioning to a lifetime of entrepreneurship. In the mid-1970s, Ben purchased the Forge and Anvil restaurant and worked hand-in-hand with his wife, Dee, over the next three decades, growing "The Forge" into a critically acclaimed staple within the Kingwood Township, New Jersey, community. Beyond the restaurant, Ben possessed a lifelong love of farming. Over the years, he raised a variety of animals but ultimately focused on breeding and raising a large herd of Scottish Highland cattle. Ben blended his passion for farming with his restaurant career and had the vision to adopt the "farm to table" concept long before it became a movement, offering his home-grown quality beef to his patrons.

Following the sale of "The Forge," Ben and Dee wanted to make something special for the community and built The Highland Gourmet Market on their Kingwood Township property. They proudly offered homemade meals and fresh fare in both the store and at local farmers' markets, becoming a vital supplier for their neighbors and making many good friends along the way.

Everyone knew Ben, and he will be remembered by many for his tremendous sense of humor, a love for being outdoors working on his farms, his dedication and vision in his ventures and, above all, the love he had for his wife and family. As always, I hope to hear from our fellow Class of '73 graduates.

— Anthony Callendrello
acallendrello@gmail.com

1974

July 30, 2026 — This is my first *Indicator* log as the Secretary of our class of 1974. There are some new officers for our class: **Greg Gemgnani**, president; **Phil Vitale**, vice president; **Bob Thoelen**, treasurer; and **Bob Pedevillano**, secretary. Thank you, **Frank Donaldson** and **Gary Jung**, who served our class well for a number of years, as president and secretary, respectively. They will stay active on the working committee for our class, which consists of the six above classmates and the following members-at-large: **Lenore Schupak**, **Glen Hawes** and **Tom Nathanson**. Also, I will mention Jennifer LeFebvre, our Stevens alumni liaison, who helped us tremendously with our 50th reunion and who continues to help as we move forward.

Our goal is to focus on keeping our class connected to each other and engaged with the Stevens community. To this end, we will continue to hold class-wide Zoom meetings a couple of times annually, to request updates and pictures from classmates, to continue encouraging attendance at Stevens events and to continue sending group emails to report on items like our endowed scholarship. Some of the ideas that we are considering for our Class of 1974 are creating new engagement opportunities to keep classmates connected between reunions, deciding if StevensConnects is worth the effort to encourage more participation as we have just nine classmates signed up to use it and increasing outreach during fundraising efforts.

As we celebrated our nation's 250th birthday on July 4, 2026, Greg Gemgnani and **Bill Pepe** from our class were on campus to watch the parade of tall ships up the Hudson River. Bill mentioned to Greg that he remembers him being smart, and Greg, in his modest way, responded, "You must be thinking of Phil Vitale." Bill and Greg enjoyed conversing and watching the tall ships, which represented about 20 countries. About 48 tall ships participated in the International Parade of Sail, which was the largest parade of tall ships in the United States since the Bicentennial in 1976. Bill and Greg's picture appears near this column.

Five alumni had a mini reunion at the restaurant Fornos of Spain in Newark, New Jersey, on July 27, 2026. Their picture appears near this log, and from left to right are **Luis Gastaldi**, **Phil Vitale**, **Bernie Domaratsky**, **Greg Gemgnani** and **Manny Fernandes**. Manny had traveled from his home in Hawaii and stopped in New Jersey on his way to Portugal. From their smiling faces, it looks like they had fun.

I am sad to report that **Neil Dorans** from our class passed away on September 22, 2025. At Neil's celebration of life, it was heartwarming to hear how he had positively impacted the lives of so many people in his family, among his friends, and at Educational Testing Service in Princeton, New Jersey, where he had a long, successful career.

I look forward to serving as the class secretary and hearing about what is happening in your work life and/or retirement, and your family. Please send updates.

— Robert Pedevillano
bobped696@gmail.com

1975

Dear Class of 1975, I hope this edition of the *Indicator* finds you well. Unfortunately, we must start by sharing some sad news. **Mike Wolk** writes: "Our 1975 Classmate, **Richard Seninsky**, passed away peacefully on February 20, 2026. Rich was raised in Cliffside Park, New Jersey, where his lifelong talent for repairing anything electrical or mechanical first became evident. During high school, he fixed pinball machines at Palisades Amusement Park and then cleverly created a small route of pinball machines at Stevens, where his brother was a student. After high school he opened Wizard's World Arcade, a fixture on the Long Branch, New Jersey, boardwalk, and he operated it while attending Stevens. He earned his degree in electrical engineering and his small business grew, so he started Alpha Omega Amusements and grew it with his brother Frank.

He continued operating Wizard's World as well, for 29 seasons of summer fun from 1973 to 2001. In his later years, he continued sharing his diagnostic and repair expertise and technical support to fun centers around the world, always generous with his time and knowledge. Rich thrived throughout his entire career as an expert in his field. Rich was married for 45 wonderful years to his beloved wife, Marcie (Adrian) Seninsky. He enjoyed windsurfing and biking, and together they shared a love of skiing, travel and time with friends. They raised their sons, Alex and Mitchell, in Monmouth Beach, New Jersey.

"Rich was a devoted and hands-on father, deeply involved in scouting and baseball. Rich is survived by his loving wife Marcie; his sons, Alex and Mitchell and Mitchell's wife, Nicole Drasin; his granddaughter, Kylie; and his brother, Frank. Rich had an undeniable positive spirit, and he lived his life to the fullest. Rich had very strong feelings of Stevens pride, devotion to his Beta Theta Pi brothers, and dozens of friends that he cherished and kept lifelong contact with, many he made that first day at South Dorm. Rich will be remembered forever for his distinctive personality, his genuine caring kindness for everyone, his exceptional intelligence, his extraordinary business acumen, his remarkable spirit, his clever humor and the endless joy he always brought into our lives."

Link to obituary: https://wbhfh.com/obituary/richard-m-seninsky/

Lindy Ellis writes: "2026 is my 50th year working for Corning Incorporated, a great company that works to solve major problems for people. Failed at retirement in 2009, had three jobs for the last 7.5 years: coordinated Corning Manufacturing Leadership Coaching worldwide; Franklin County, New York, legislator; and tandem bike sales and tours with my husband **Rich Shapiro '73**. Got smart and retired from two jobs this January. Kept the fun job of tandem bike sales and tours. Live in New York's Adirondack Mountains with its great communities. Come ride the Adirondack Rail to Trail, 34 miles of absolute beauty between Lake Placid and Tupper Lake, New York. Stop by in Saranac Lake, New York, where we live, and say hello."

Eric Johnson writes: "I know that many in our class are pilots and since being in Air Force ROTC at Stevens, I have been interested in flying. In November of 2025, I finally got to fly a plane during a 'discovery flight' set up by my lovely and caring niece who knew the fellow who owns the flight school. The picture near this log shows me at the wheel. I live 20 minutes from Airventure in Oshkosh, Wisconsin, and try to attend the show every year. If you ever come to the show, please contact me. Maybe we can meet up on the flight line. Take care, everyone." See Eric's photo on p. 53.

Richard Feeney writes: "I continue working for Tetra Tech on what will be my final assignment. Along with a group of experienced and highly talented engineers and scientists we are designing and constructing the remedy for remediating dioxin contamination in Lower Passaic River sediment from the production of Agent Orange during the Vietnam war era. The LPR is approximately 17.7 river miles from Dundee Dam to its terminus at Newark Bay. Occidental Petroleum is responsible for funding this work, expected to take 10 years. They are owned by the Diamond Alkali company that manufactured Agent Orange along the LPR banks in Newark years ago. The total cost when all is done will exceed $2 billion."

I know many of you enjoy reading the class log, and I appreciate hearing from you at harrymac@comcast.net. Also, take part in the conversation and join the "Stevens Tech Class of 1975" Facebook group. Many thanks!

— Harry MacArthur
harrymac@comcast.net

1976

July 24, 2026 — With more than 50 of our classmates returning to campus for our 50th Reunion at Alumni Weekend, a great time was had by all. See accompanying pictures.

George Brown relocated to Texas in the not-too-distant past and has been attending our Houston events, not to mention our 50th Reunion in Hoboken in June. He provided this update.

He began his career as a petroleum engineer with Mobil Oil after graduating with a B.E. and M.E. from Stevens, but shifted paths to attend Dallas Seminary, where he met his wife, Cathy.

Right:
Bill Pepe and Greg Gemgnani, both Class of '74, met at Stevens to enjoy the tall ships parade on the Hudson on July 4.

Below:
Reuniting to share a meal at Fornos of Spain in Newark, New Jersey, in July, from left, are Class of '74ers Luis Gastaldi, Phil Vitale, Bernie Domaratsky, Greg Gemgnani and Manny Fernandes.









Middle:
John Curvino '76 drove his '76 Corvette that he rebuilt from his home in Paris, Texas, to Hoboken this June for his 50th class reunion.

Above:
Vinny Sacco '76 passed away on April 29, 2026, and is fondly remembered in the '76 log.



Above:
Lindy Ellis '75 and husband Rich Shapiro '73 tour the Adirondacks on their tandem rig. Hear more from Lindy in the '75 log.

[NEWS BYTES]

PHOTOS AND VIDEO
Stevens.edu/AW26









SEVEN DECADES OF ALUMNI REUNITE FOR ALUMNI WEEKEND

Seven decades of alumni — more than 1,000 guests overall — returned to Castle Point in June to mark class reunions and celebrate Stevens friendships and pride during Red and Gray Days 2026, the annual Alumni Weekend.

The celebration kicked off with virtual events earlier in the week, including a fireside chat with President Nariman Farvardin and Stevens Alumni Association (SAA) President Michael F. Cahill '15 M.Eng. '15.

This year also marked the SAA's 150th anniversary. As part of the celebration, alumni explored archival displays featuring artifacts, yearbooks and photographs spanning 150 years of Stevens history. Read more on page 62.

Matt Hunt '17, who served on the console in Mission Control during Artemis II, led a well-attended DuckTalk presentation on the teamwork behind the NASA mission.

Reunions were among the weekend's signature traditions, with the Class of 1976 celebrating their 50th reunion, alongside alumni marking milestone reunions from the 1960s to the 2020s. Delta Tau Delta fraternity's Rho Delt Wall of Achievement reception honored architect William Orr Ludlow, Class of 1892, and featured a special tribute honoring the legacy of John Dalton '60, who passed away earlier this year.

Alumni and faculty were also honored for their accomplishments and service, with Wayne R. Monsees '71 M.Eng. '72 MMS '78 receiving the Stevens Alumni Award.

— Michelle Giles

Top: SAA honorees, from left: Harold R. Fee Alumni Achievement Award winner Ronald Castro '01, Alumni Award winner Wayne Monsees, SAA President Michael Cahill, Fee Award winner Sean Dirscherl '16 M.Eng. '16, SAA Outstanding Teacher Don Lombardi, and Fee Award winners Megan Petuskey '16 MBA '23 and Hailey Marie Tanner '21.

Together, they have been involved in international ministry for more than 40 years, serving with Greater Europe Mission (GEM) for 20 years, including seven years in France. They also helped launch a back-office services ministry to support multiple agencies. In 2008, George became the U.S. executive director of European Christian Mission International (ECMI), serving until 2019. Now residing in Conroe, Texas, they enjoy their church, community, three adult children, two daughters-in-law and five grandchildren.

Ed Kolano surprised me with a chance meeting he had with a current Stevens student; see photo on p. 50. He was on a motorcycle ride in Jasper, Alberta, Canada, where he had a great conversation with Rohan Rao, SIT junior, and his family. It was day 5 of a 10-day motorcycle ride throughout western Canada when he noticed the Stevens sweatshirt worn by Rohan's younger brother in a hotel lobby in Jasper. Rohan filled Ed in on the current curricula, his plans and was genuinely curious — and a little surprised — at how few academic paths existed in the '70s.

We recently learned of the passing of two classmates. **Eric Olsen '77** wrote about **Dave Williams** who passed away in June, sharing the following:

"Dave was a dear friend through the years ... as a roommate in Hayden, as 'B' skipper for the sailing team when we were nationally ranked and invited to all the big East Coast collegiate regattas and through his many years of education, research and teaching. He came to Stevens as Class of '77 then through sheer hard work (transfer credits and summer school) accelerated and purchased and wore a '76 red jersey for his senior year.

"He told me last Dec 31 that he had retired from IIT after a very successful career and was expecting an emeritus post, which did transpire. He formed a post-retirement consulting firm and continued his work in high-speed flight for the armed services. He 'passed on' during an assignment at Texas A&M — peacefully and perhaps thankfully for him — but not his family and friends."

Stephen Craffen '77 alerted us to the sad news of **Vinny Sacco**'s passing. Stephen shared the following, which I had to dramatically shorten.

"I met Vinny during my junior year in North Dorm. Although we were in different classes, Vinnie quickly became part of our '77 circle. Over time, I became very close friends with him and came to think of him as the equivalent of the brother I never had. What made him special was that he never seemed to get truly angry, even when we probably gave him every reason to be annoyed."

Mike Germinario '77 first met Vinny when he was moving into his dorm room for sophomore year at Tech, reporting, "I chose a side of the room and began unpacking. Then Vinny walked in. I could tell almost immediately that he was a likable, stand-up guy."

After some initial concerns with a sophomore and junior as roommates, "we became close and Vinny showed me how to survive sophomore year, sharing notes, tips, and tests from his own experience, introducing me to his campus friends: **John Costello**, **Mike Coburn**, **Walt Kopido**, **Frank Panebianco**, **Rodger Farquhar**, **Bob Presenti**, and others. Through Vinny, I began to feel that I truly belonged. Those friendships and connections helped make my Tech career successful and shaped the professional life that followed."

One story Stephen shared says a lot about Vinny. He once fell asleep in the back seat of a car owned by another Stevens graduate while they were on their way to work. At some point, Vinny took off his shoes. When they arrived, the shoes were nowhere to be found. He was convinced someone had played a joke on him until John remembered that there was a hole in the floor of the car. Somewhere along the New Jersey Turnpike, Vinny's shoes had disappeared. He walked into work in his socks and later had to go to the mall to buy a new pair.

He had a rare ability to take things in stride and make the people around him feel comfortable. He was also an accomplished engineer who worked in power plant design. One of his bosses was especially impressed by Vinny's mathematical ability, which came through in both his professional work and the way he approached problems.

Vinny will be remembered with affection, admiration and gratitude by all of us who were fortunate enough to know him.

— Frank Roberto
Frankroberto76@gmail.com

1977

August 2026 — Hello again! Hope this log finds you well. I don't have any news on class members this time around as things have been complicated here after my wife Regina's rotator cuff surgery as well as some house projects. I do want to take this opportunity to get the word out about things you should know about our 50th Anniversary reunion, if you haven't been on the Zoom meetings or if we haven't been able to contact you by email or the Facebook page. Here are the main points you should know.

1. If you were at previous reunions, the big difference will be that since this will be our 50th, we become part of the Old Guard and there will be an Old Guard luncheon and dinner on the Friday of the weekend, June 11–12, with announcements to come. So, with those events, Friday is the key day to plan to attend, despite the fact that all the frat and other organization reunions and activities will be on Saturday. Please take this into account in your planning. BTW, the Old Guard dinner has been between $30 and $40, and the Old Guard luncheon between $40 and $45, depending on if you register early or late.

2. If you had given the school your business email, but didn't update it, please send in your current email address to the Alumni Office or you can send it to me at eclectichours@cox.net, and I'll forward it to the Alumni Office as well as add it to our own list for the anniversary and Zoom meeting updates. Please note we have been having quarterly Zoom meetings for the past two years, and the next few should be September 2026, December 2026 and so on. I'm betting they could be more frequent as we get close to the anniversary.

3. For those planning an overnight stay for the reunion, the dorm towers will be available, along with the W hotel and other local hotels. For the 2026 anniversary weekend, the price point for the group rate was around $350/night and the dorms were around $200 per night for studio single bedroom (one twin-size bed) to $500 per night for a quad bedroom suite (four twin-size beds). You can find details on the alumni website as we get closer to the event.







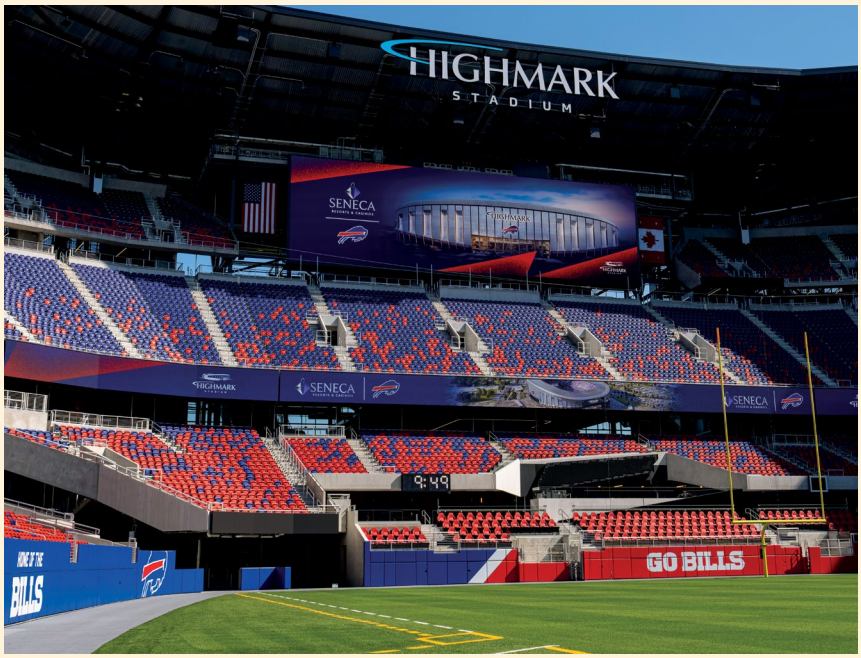
Top to bottom:
The Class of '76 celebrated its 50th reunion in June and officially entered the Stevens Old Guard.

George Brown '76 gathers with his wife Cathy and their children and grandchildren. He shares his fascinating journey in the '76 log.

Commuters from the Class of '76 reunite, from left, John Zaccaria, Al Gunther, Glenn Grabinsky, Vince Massa, Father Phil Latronico (seated), John Mazurana, Al Galinsky, Jim DiMauro.



Above:
Eric Johnson '75 on his discovery flight, with his niece in the co-pilot seat and his wife behind them. Read more in the '75 log.



A view from the field in the Buffalo Bills' new Highmark Stadium, showing the stadium sign, a new video board and bright red and blue seats.

Built for the Bills

Matthew Simone '06 and Dan Knight '16

BY CHARLES O'BRIEN



Simone



Knight

Growing up in upstate New York as a lifelong Buffalo Bills fan, Daniel Knight '16 M.Eng. '16 painted his bedroom blue and red and pictured someday helping to build a stadium for his favorite team. Now he's done just that, working alongside fellow Stevens alumnus Matthew Simone '06. A project executive with Gilbane, a global builder and real estate developer, Simone was one of three team leads overseeing construction of Highmark Stadium and managed more than 25 trade bid packages. Knight served as a project manager, overseeing elements such as elevators, escalators and masonry. The new home of the Bills, in Orchard Park, New York, opened this fall. We checked in with Simone and Knight to find out what it took to bring the state-of-the-art stadium to life.

Is there anything about this project that might surprise people?

Simone: A project of this scale can have a workforce comparable to a small town, so the supporting infrastructure has to accommodate everyone working onsite each day. We even built a barbershop inside the stadium, complete with barber chairs and licensed barbers, so workers could get a haircut during breaks. Many people were working seven days a week, so even a small quality-of-life benefit was important.

When did the stadium stop feeling like plans on paper and start to feel real?

Simone: Feeling the first tremor from the blasting for sitework created a definite sense of, "Here we go."

Knight: I remember working a summer weekend when only a handful of people were left on site. Near the end of the day, I watched the first field goal post be raised into place. In that moment, this massive construction project suddenly felt like a football stadium. As the Bills branding came together, it started to feel more like home. As a Bills fan, seeing that transformation firsthand was especially meaningful.

What has it been like working alongside another Stevens alumnus on a project of this scale?

Simone: Discovering that we shared an alma mater created an immediate sense of camaraderie. Dan and I could openly strategize and challenge one another to make sure we arrived at the right solution.

Knight: Matt was a true mentor throughout the project. He was someone I could turn to when we faced challenges, offering different perspectives and supporting my professional growth.

What do you hope Highmark Stadium is known for years from now?

Simone: Memories. I hope it is known as a place where people witnessed victories, saw records broken, attended a first game and gathered with family and friends to create lasting experiences.

Knight: As a lifelong Bills fan and season ticket holder, I hope this stadium becomes known for its one-of-a-kind fan experience. And, of course, I'd love nothing more than to see a Super Bowl banner hanging from the rafters someday. ✦

READ
the full interview at
Stevens.edu/Bills-Stadium

Top right: Buffalo Bills

4. Mobility/accessibility for the reunion: Golf carts are being run from the lower campus to upper campus (Babbio Center to Howe Center). To get down to Washington Street, you'll have to Uber it to and from.

5. We do want to run a slideshow during the luncheon and dinner, but to make this work we would need your JPEG file inputs by March 15, 2027. We will need JPEG images, with caption info, so people will know what they are looking at. We'll get out more on this at the next Zoom meeting.

6. Class officers: Jeff, Dawn and I have been doing this for a number of years, and some (all?) of us are thinking of stepping down so we will need some new folks to take the helm. Please consider "putting your hat in the ring." Let us, or the Alumni Office, know if you are interested.

7. Outreach: If you are in touch with a classmate who hasn't sent a new email address to the Alumni Office, or you're in touch with someone who asked the college not to contact them by email, please let them know what we're doing and let them know about our Facebook page "Stevens Institute of Technology: Class of '77" to get updates along with news about our quarterly Zoom calls and the reunion.

That's it in a very large nutshell. If you have any questions, email me or contact the Alumni Office. Take care and hope to see you at the Zoom meetings and the reunion! Thanks!

— Paul Porzio
eclectichours@cox.net

1978

July 27, 2026 — I open this update with some sad news: the Spring '26 issue of the *Indicator* had two members of our class in the obituary section, **Dr. Martin Lopez de Bertodano** and **Marc E. Young**.

Dr. Lopez de Bertodano passed away on February 26, 2025. After graduating from Stevens, he earned a master's degree in nuclear engineering at MIT and a doctorate in nuclear engineering from Rensselaer Polytechnic. He was a professor at Purdue University from 1992 until his death.

Here is a link to a more complete obituary: https://engineering.purdue.edu/NE/news/2025/in-memoriam-dr-martin-lpez-de-bertodano-1957821120252

Marc Edward Young passed away October 24, 2025, at Highland Hospital in Rochester, New York.

Marc married Lisa A. Henderson in 1986. Together, they had two sons, Archie and Bradd. He worked for Xerox Corp. from 1981 until he retired as a vice president in 2016. His published obituary (https://www.dmwilliamsfuneralhome.org/obituaries/Marc-E-Young?obId=46259450) details a life well-lived.

My thoughts go out to the friends and families of both of these exceptional men. If anyone would like to share personal recollections of either of them, please send them to me, and I will include them in the next issue.

On a happier note, I received the following from **Jim Weatherall**:

"Maureen and I are incredibly proud to share some news about our son, **James Owen Weatherall,** Stevens **Ph.D. '09**. He has just been elected to the American Academy of Arts and Sciences for his contributions in the field of philosophy.

"Some background: Election to the American Academy of Arts and Sciences is considered one of the highest honors in the United States, recognizing distinguished scholarship, leadership and creativity. The Academy is among the nation's oldest and most prestigious learned societies. Founded in 1780 by John Adams, John Hancock and others, it is a premier honorary society acknowledging excellence across academia, arts, industry and public policy, including over 250 Nobel and 60-plus Pulitzer Prize winners. I would think Stevens should be fairly stoked that one of its Ph.D. alums has been elected.

"Election is by one's peers. This recognition is usually achieved later in one's career, when the person is in their 50s or 60s, based on a lifetime's body of work and contributions to their field. It is highly unusual to be elected as young as Jim at only 42!!

"This year's class of honorees will be inducted in a ceremony to be held in Cambridge, Massachusetts, in October 2026. Here are a couple of University of California-Irvine press releases:

- https://news.uci.edu/2026/04/22/6-uc-irvine-professors-are-elected-to-american-academy-of-arts-sciences/
- https://www.provost.uci.edu/2026/04/22/six-uc-irvine-faculty-elected-to-the-american-academy-of-arts-sciences/

"We're looking forward to hearing about plans for our 50th in 2028. Jim"

Congratulations to Maureen, Jim and James on this outstanding achievement!

— John Jarboe
jjarboe1@comcast.net

1980

July 30, 2026 — This fall marks the 50th anniversary of the beginning of our Stevens journey when freshman year began in September 1976. It's hard to believe. I'd like to share a memory of mine from our first days.

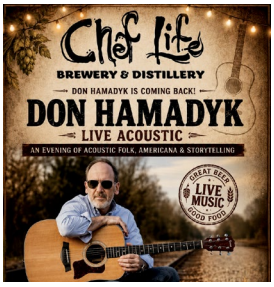
We spent the whole of orientation in assigned groups, organized alphabetically (My group included the end of the B's and the beginning of the C's). At one point, our entire class was assembled in the auditorium of Edwin A. Stevens Hall (A-Building). I don't remember who was speaking, or much else about the presentation, but I do remember delivery of the adage, "Look to your left, look to your right, one of you will not be here in four years." Does anyone else remember that?! I happened to be seated in between **Pat Caramante** and **Henry Carnevale**. Not only was that statement not true for the three of us (we would eventually become senior lab partners), but who would have known all these years later that we would be working on various class and reunion committees together?!

I was delighted to receive an email from **John Sturm**, who shared updates on a number of classmates whom we haven't heard from in a while. John writes, "**Don Hamadyk** has retired, and is now playing gigs in the Newport News, Virginia, area. Don, **Mike Brick**, and I have all kept in touch over the years. We saw him play in early June." (See photo.) It didn't take much digging for me to find that Don is a singer-songwriter, plays acoustic guitar and mandolin and performs at venues in the Virginia Beach/Newport News area. His performance schedule is online, so anyone in the area should check out one of his shows.

DROP US A LINE!
Share thoughts on what you're reading in the class logs at alumni@stevens.edu

"Maureen and I are incredibly proud to share some news about our son, James Owen Weatherall, Stevens Ph.D. '09. He has just been elected to the American Academy of Arts and Sciences for his contributions in the field of philosophy."
Jim Weatherall '78









Top to bottom:
Class of '80 friends gather to celebrate the wedding of Kathy Burkholder McCarthy's son in May. Seated, from left, are Denise Kratsios Pucciani and Lee Bahr Brock. Standing, from left, are Katy O'Malley Coumans, Kathy and Sue Marshall Torre.

A poster for singer-songwriter and musician Don Hamadyk '80, who retired and now plays gigs in the Newport News and Virginia Beach, Virginia, area.

Donna and Don Hamadyk '80, left, meet up with old Stevens friends who turned out for Don's gig in Newport News, Virginia, in June. With them, from left, are Jean Zaborowski Brick '82 and Mike Brick '80, and Peggy and John Sturm '80.

The Class of '81 happily reunited for their 45th reunion in June.



Above:
Christopher Maione '82, left, gave his nephew Steven Koch '12 a tour of Belmont Park racetrack, where Christopher is leading the technology systems behind the track's recent $550 million modernization. Read more at **Stevens.edu/Maione**.

John continues, "Don also had a visit recently with **Tom Novak** and his wife Cathy. From Don: 'Tom's doing great, has lived in Boston, California, Tennessee, now Atlanta, and may be moving back to California soon. (He's) Retired from satellite business at various companies.'

"Peggy and I are also retired (2019), and we have been doing a lot of traveling, mostly in Europe. Peggy and I met in Germany, where I lived for six years during a couple of assignments with the Air Force. That followed a couple of assignments in Hawaii over nine years. After retiring from the Air Force in 2000, I worked for SAIC and Leidos at the Pentagon. Peggy also retired from her Air Force civilian job at the Pentagon.

"**Mike** and **Jean** (**Zaborowski '82**) are living in Leland, North Carolina. Mike is retired and does a lot of fishing. Jean is mostly retired and loves to travel." Thanks so much for your email, John. It's great to hear from you!

I'd also like to pass along a note from **Katy O'Malley Coumans**: "Hello, Fellow '80ers! In case you aren't yet feeling old, consider this: 50 years ago, we all converged on the campus of Stevens, to spend the next four years learning, playing, drinking, commiserating, etc., together. Leading up to our anniversary reunion in 2030, we thought it might be fun to start reminiscing. Got any good stories to share? Photos or other memorabilia? Send them to Kathy or me for display at said reunion! Some of the special 50th year activities in 2030, outside of the reunion weekend, will include meeting undergraduates and passing out treats during finals, representing all alumni at the 2030 undergraduate commencement, and any kind of fun events that we can get a good number of classmates excited about. Got any good ideas? Send them our way!"

Please email me with your updates, memories and photos, or submit online to: https://www.stevens.edu/directory/development-and-alumni-engagement/stay-informed/stevens-indicator#form. Until next time — Take care!

— Kathy Burkholder McCarthy
mccarthykathy93@gmail.com

1981

July 22, 2026 — Dear Classmates, Well, 45 years down and now the anticipated 50-year milestone, Old Guard status is closing in on us. Old Guard? Wow. Anyway, five years to go so let's not rush it, right?

At our 45th year reunion, this past June, I got some input for our *Indicator* from those who attended — maybe with a bit of arm twisting. Always nice to visit with classmates and with the past when life seemed a bit easier and we had our entire future ahead.

Mike Schack shared that he retired from IBM in July 2025. (I retired from IBM June 2014!) Mike worked mostly on mid-range and high-end servers. We reminisced on how special our time at IBM was and once an IBMer always an IBMer.

Donald Azzolini shared that he completed 45 years working and is still having fun. He and his wife are always such fun to chat with. He is a Mets fan — no comments.

Butch Johnson gave us an update on his family life. He is a father of two girls and grandfather of three girls and one boy. He is still working as COO of a sports construction company. He hopes to retire someday.

Peter Lachance says he is on his seventh career change but having fun. He is now getting his certification in data engineering. He claims, "Who needs retirement?" I would answer we each have our path and some of us retire from paid work to other roles.

Sam Winograd recently retired from civilian engineering for the Navy. He has been married to Roberta Reisner Winograd for 40 wonderful years. They have two children and three grandchildren.

Jose G. Bravo ("Joe") retired after 45 years in the aerospace industry. He and his wife will be celebrating 42 years of marriage. They have two children and one granddaughter. And in talking with Joe, I learned how he got the name Joe. Trivia for our 50th?

Jerry Linden, who attended with his wife, **Lisa Chirlian '83**, shares the following from his Alumni Weekend experience:

"I enjoyed watching the 150th anniversary of the Stevens Alumni

Association webcast, which was held just prior to Alumni Weekend. As part of the presentation, Leah Loscutoff, head of Archives & Special Collections at the library, talked about campus culture — bringing back memories of **Boken**, **Techfest** (which our class started and is still going), **the Rat**, the pinball machines, Hoboken, the coffee smell from the Maxwell House factory and others (replay is available here: https://www.youtube.com/watch?v=Qwqq5wmYWVY).

"Stevens maintains an archive (library.stevens.edu/archives) some of which is digital, including *The Link* (yearbook) and *The Stute* (newspaper), and is always looking to add to it. I contacted Leah and mentioned that I had the punch cards and the printout from my first computer project. It turned out that the archives didn't have a sample of these (the punch cards had the Stevens logo on them), so at the reunion, I met with Leah to add them and a few other items I found. It brought back memories of having to go to the computer center, resubmit the cards to be run each time you had to attempt to fix an error, and then guess how long to wait to go back to see if they ran it (it's not like you got a text when it was done!)."

Also, at the reunion were **David Ritter**, our VP; **Bobbi Weigel** and her daughter, **Maggie '13**, **Glenn Cipriani**, **Tom Heydenburg**, **John Pawlowski**, **Peter Pfeil** and **Robert Redmond**. I attended with my husband, Hugo, and our son **Adrian Gomes**, Class of **2023**. See a photo from the reunion near this log.

Some classmates, namely Jerry and Bobbi, are eager to keep the momentum going with nostalgia from our years at Stevens, so stay tuned as we delve into the past and bring it back into our memory over the next few *Indicators*.

It would be fun to hear from more of you as we close in on "Old Guard" status. And maybe we will see many more at our next big reunion. Stay healthy, safe and at peace.

— Gloria M. Ron-Fornes
gmforne@gmail.com

1982

July 23, 2026 — I'm writing this in mid-July between heat domes in New Jersey, eagerly looking forward to the crisp, cool fall weather when this will be published!

It was great running into **Ray Carr** and **Mike Savorgiannakis** at the Sigma Nu Gamma Delta chapter's 125th anniversary on May 2 at the Stevens University Center Complex. We had a fantastic turnout of both active students and alumni, and it was inspiring to hear speeches from Stevens leaders and national fraternity dignitaries. We can all take pride in knowing that the Gamma Delta chapter at Stevens holds the distinction of being the longest continuously active chapter in Sigma Nu!

I was also delighted to attend the July 4 Parade of Sail & International Aerial Review at Stevens. The Babbio patio offered us spectacular views of the military flyovers and tall ships sailing along the Hudson. Even though it was a very hot day, Stevens took wonderful care of the alumni and guests by keeping the Babbio Center beautifully air-conditioned and providing plenty of cold water and ice.

You can send updates to me via email or via the alumni portal at https://www.stevens.edu/directory/development-and-alumni-engagement/stay-informed/stevens-indicator#form

— Dan Roman
n2mfc@alumni.stevens.edu

1984

*(Guest log by **Dan Belenets**)*

July 30, 2026 — I was recently cleaning up the basement of our home in New Jersey and came across several old Stevens calculus exams from our freshman year. I was shocked by how poorly I had performed (a 37% and a 58%) on the first "Zero Hour" exams in the Fall of 1980.

I recall the feeling of despair and uncertainty. In the first month of college, I was already falling into a deep dark hole. "Another One Bites the Dust," by Queen, was playing every five minutes on the radio, further reinforcing the feeling of hopelessness.



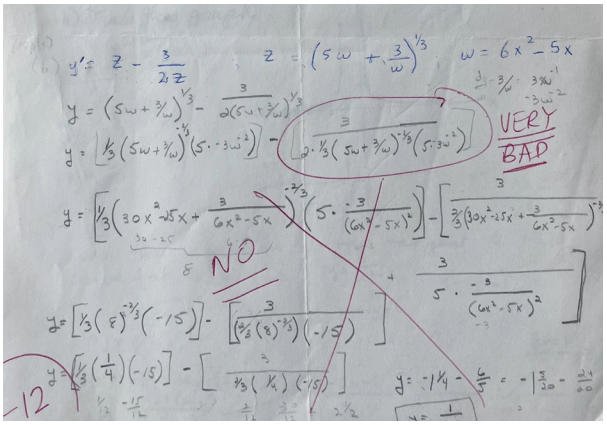
Above:
Sigma Nu fraternity's Gamma Delta chapter marked its 125th anniversary in May at Stevens, with an excellent turnout of students and alumni.

Right:
Dan Roman '82 watched the July 4 Parade of Sail and International Aerial Review from Stevens and captured these images of military jets.









Middle left:
Attending the Sigma Nu fraternity's 125th anniversary, from left, were Class of '82ers Ray Carr, Dan Roman and Mike Savorgiannakis.

Middle right:
Albert Ostanek '80 and his wife Lisa enjoy the view from the top of Cadillac Mountain in Maine.

Above:
Dan Belenets '84 generously shared this copy of a calculus exam that he had bombed freshman year, but later gained a valuable lesson. Learn more in the '84 log.

"Suddenly, THE LIGHTBULB went on, the angels sang and the heavens parted! It all made sense; my calculus mental block was gone."
Dan Belenets '84







Top to bottom:
Celebrating the graduation of Lauren Frank, the daughter of Chris Frank '89, from Georgetown University in May, from left, are Paul Magnone '88, Shant Karakashian '89, Lauren Frank, Chris Frank '89, Dawn Madak '89 and Joseph Frank M.S. '91.

The Class of '86 enjoyed a spectacular turnout for their 40th reunion at Stevens in June and generously donated more than $4.3 million.

Kathy (Imperial) Gaccione '10 M.S. '12, with husband Giovanni Gaccione '09 M.S. '11 and their family, far right, shared this photo of fellow alums who were active in the performing arts at Stevens and reunited during Alumni Weekend this June.



Above:
Mark Weissenrieder '96, left, and husband Martin Jerez, welcomed their daughter, Louise Jean, born on February 12, 2026.

To make matters worse, I was surrounded by calculus-conversant students and mathematical SAVANTs. Some students even took PSI (personalized self instruction) calculus! They could learn it by themselves, while I had a college professor yet STILL struggled.

I recall the Edwin A. Stevens Building and the tiered floor lecture hall. There were 40 students in the class, double white boards on vertical rails; Maz — **Varoujan Mazmanian M.S. '71** — was our instructor. His explanations were detailed, his penmanship perfect, his passion for the subject undeniable. He took the time to help me one-on-one. I recall spending hours on calculus homework. I also got help from friends in South Dorm (4th floor) **Harry Landeck** and **Kyo Young Jin** as well as fellow soccer players **Richie Ungerleider** and **Troy Roberts** (a self-proclaimed SAVANT ... LOL!).

Then, in November '80, suddenly, **THE LIGHTBULB** went on, the angels sang and the heavens parted! It all made sense; my calculus mental block was gone. The final exam was difficult, but I aced it and managed a "C" overall for the course.

My calculus grade cost me the dean's list in the Fall '80 semester, the only time I missed it. But, in a strange/magical way, it gave me the world. The act of overcoming a challenging course was very impactful; I learned how to learn and manage my time properly. I felt "scholastically unstoppable" afterwards and had a renewed sense of self-confidence. Years later, in the late 1990s, I wrote a note to Professor Mazmanian, thanking him for his guidance and patience, helping me to see the light.

I still enjoy math and visualizing concepts and applied these skills on the job at Verizon Wireless and as a parent. My twins are in college. When they run up against a challenging course, I show them the calculus exams, and tell them the story of Maz, the Edwin A. Stevens Building, the Fall of 1980 in Hoboken and the power of perseverance.

— Dan Belenets
dtbdlp@hotmail.com

1989

July 29, 2026 — This summer has been packed with alumni fun! It kicked off in mid-May when **Chris Frank**'s daughter, Lauren, graduated from Georgetown. Several Stevens alums joined the celebration in D.C., and we had THE BEST time. Chris and his wife, Michelle, were the ultimate hosts as we wined and dined all over the city.

Chris Frank is proudly leading a team of researchers, data scientists and insight experts as the CEO of PSB Insights. "I'm taking all of those critical thinking skills that were drilled into us at Stevens and applying them to high value, complex problems to help ambitious brands to win," he said. "If you don't know about PSB, definitely check them out at psbinsights.com. Better yet, reach out to me directly!" Chris and his family recently relocated back to Jersey City.

Shant Karakashian has worked at JPMorganChase as a technology risk and controls lead since graduating from Stevens. He and his wife Mary have been happily married for 35 years, living in Delaware with their four adult sons. Mary has owned a successful home staging business for over 13 years. She was recently recognized as one of the top 100 Most Influential People in 2026 by the national Real Estate Staging Association (RESA).

Paul Magnone '88 is living happily in Connecticut with his wife, Suzanne, and their two teenagers. Paul and Chris continue to excel at their roles as adjunct professors at Columbia University, teaching "Leadership Intelligence in the AI Era." Paul also enjoys teaching a second course, "Launch Your Startup" in the Entrepreneurship program.

Chris' brother, **Joseph Frank M.S. '91**, has worked at Kronos in IT management for the past 28 years and is loving beach life in Belmar, New Jersey. He is also a longtime volunteer at his local food pantry, RISE.

Sebastian LoPiano '23 is Chris' cousin and the most recent member of the family to graduate from Stevens. He is living in Somerville, Massachusetts, just outside of Boston, and working in

Woburn, Massachusetts, at Systems Technology & Research (STR) as a software engineer. He enjoys playing tennis and volleyball, fishing, hiking, camping and riding his motorcycle.

So much fun catching up!

In July, my husband and I spent eight days in Northern California celebrating our 25th wedding anniversary. We went to Napa and Sonoma, the Redwoods and a concert in the middle of San Francisco set in a grove of trees (Stern Grove Festival). Another highlight was visiting with the family of my neighbor, Lynn, who lives in the Bay Area. About six years ago, Lynn asked me if I would speak to her nephew, **Colin McDermott '25**, about applying to Stevens. I am thrilled to say that Colin graduated from Stevens and now has an exciting job!

"I am working at Applied Materials as an install field service engineer. My day is typically six hours spent in the fab (semiconductor manufacturing floor) assembling, aligning, problem solving and calibrating precision machinery. This job has provided the opportunity to travel around the world for extended periods of time in Taiwan, Ireland, Western U.S., and more to come. Staying in Kaohsiung and Tainan, Taiwan, was my favorite as it is the food capital of Taiwan and provided access to ride a motorcycle a few hours to great surf, national forest and coral reef scuba diving. I keep myself busy mountain biking, camping, fishing, working on my old car, watching motorsports and a wide variety of other outdoor activities. I am looking forward to the adventures my current role holds and future involvement with the Stevens alumni community." Way to go, Colin!

This is the power of Stevens connections!

— Dawn Madak
dawnmadak@gmail.com

2013

July 27, 2026 — It is always a treat to share major updates from our classmates, and **Cianyl Mae Aguiling** (née **Pogata**) has had an unforgettable year! Last year, Cianyl married her husband, Mark, on the sunny island of Aruba, a destination wedding that successfully made it out of the group chat and into reality. The celebration was filled with Duck pride, with a huge shoutout going to her Stevens family from FAST, APO, ChemE, and the legendary Jacobus Lounge (RIP) who cheered them on either in person or from afar.

When she isn't celebrating major life moments, Cianyl and her husband are keeping busy with their dogs. One of her pups was by her side for 15 and a half wonderful years, having been with her since her Castle Point days. He will always be remembered as her happiest little sidekick, leaving behind a legacy of love for every season of life ahead.

On the professional front, Cianyl is working as a technical account manager at Infineum, where she is currently involved in a massive industry initiative: the new Heavy-Duty Diesel Specification (PC-12) program. Because these industry-wide spec updates only occur about once every decade, being at the forefront of the program has been an incredible milestone. Cianyl notes that after seeing the immense amount of teamwork and engineering required to pull off a program of this scale, she definitely looks at big rigs on the highway a little differently now.

Reflecting on her time at Castle Point, whether participating in FAST or serving as an orientation leader, Cianyl says her biggest takeaway was learning the power of being her authentic self. "You don't have to change who you are to make an impact," she shares. "Just bringing your whole self is what helps you build meaningful relationships."

For current students and recent grads navigating the start of their journeys, Cianyl offers reassuring advice: You don't need to have your entire career figured out, and it's okay not to know everything right away. Her advice is to seek out companies or mentors who encourage growth and curiosity, and you'll be amazed at what you can achieve when given the space to learn.

— Armand Rook Reyes
armandrookreyes@gmail.com









Top to bottom:
Cianyl Mae (Pogata) Aguiling '13 and Mark Aguiling, center, wed last year in Aruba and celebrated with many Stevens friends.

Cianyl and Mark celebrate their wedding on a beach in Aruba. Read more from Cianyl in the '13 log.

Alumni from the Stevens Houston Club enjoyed a happy hour at the St. Arnold's Brewery in Houston in April.

Michelle and Andreas Pallikaras '16 M.Eng. '16 welcomed daughter Lena Rose Pallikaras on April 16, 2026. They live in Houston but will move to the United Kingdom for Andreas' work assignment with ExxonMobil by end of this year.

Vanguard



Marissa Sciorilli ’24 M.Eng. ’24 was named a Hoboken local to watch by *Hoboken Girl*, which recognized residents of Hoboken and Jersey City making an impact in their communities. In addition to her full-time engineering career at Stryker, a global medical technology company, Sciorilli is co-founder of root., a lifestyle wellness app that helps local women share trusted recommendations for everything from fitness studios to self-care services. The app also spotlights local wellness businesses, helping connect users with resources in their community.



Sunil Garg M.S. ’74 Ph.D. ’78 was one of nine artists selected for the 2026 New Jersey Arts Annual, Common Ground: N.J. Artists Think Monumental, at the Morris Museum. Garg’s complementary light sculptures, titled [IS] and [IT], use plastics, LED lights and computer programming to create an ever-changing installation inspired by New Jersey’s flora and changing seasons. The sculptures also communicate through Morse code, posing and answering the continuous exchange “IS IT?” and “IT IS!” A physical chemist by training, Garg built a career spanning research, product development and law before becoming an experimental light and illumination artist. Garg was a 2025 New Jersey Council on the Arts Fellow.



Graduate Log

George Maddaloni M.S. ’96 serves as chief technology officer, Operations, at Mastercard and is a member of the company’s Management Committee. In this role, George leads the Operations, Network and Employee Digital Experience organization. Maddaloni has more than 30 years of experience in the financial services and technology industries. Prior to Mastercard, he worked at AIG as the chief technology officer, where he was responsible for delivering computing, cloud, network, employee and identity access services to AIG businesses. Previously, he served as managing director, Americas Infrastructure and Global Network Operations, at UBS, in addition to spending 20 years in various positions at AT&T. He has been named one of the top 10 financial CTOs by *The Financial Technology Report*.

Jun Yang M.Eng. ’97 joined The Rockefeller University in July as its vice president and chief investment officer, where he leads the stewardship of the biomedical university’s endowment. Yang came to Rockefeller with more than 20 years of experience, leading institutional investment programs and managing multi-billion-dollar endowments at Oberlin College and previously at the Weizmann Trust, which manages the investments and philanthropic assets for the Weizmann Institute of Science. He earned an M.B.A. from Cornell University and a bachelor’s in engineering from Shanghai Jiao Tong University.

Justin Corona M.Eng. ’04 has been named chief technology officer of Grant Thornton US, a mid-market accounting and consulting firm. He brings more than 20 years of technology leadership to his new role, where he is leading the firm’s tech strategy and execution across architecture, cloud platforms, data and analytics, infrastructure and AI. He will focus on modernizing the firm’s tech foundation and ensuring investments align with business objectives. He previously spent 26 years with Stryker, where he held a variety of IT function leadership roles, most recently serving as vice president for data, analytics and intelligent automation.

Tonya Walley M.S. ’07 M.Eng. ’10 serves as senior vice president and head of field operations at Optimum, where she oversees national operations across 21 states, managing a $329 million budget and leading a workforce of more than 3,000 employees. She has more than 20 years of experience leading large-scale business transformation, operational strategy and customer experience initiatives across the telecommunications, technology, media and nonprofit sectors. She has held leadership positions with Verizon, the Community FoodBank of New Jersey and Cox Communications. Walley started her career as a call center operator and field technician, spending nearly a decade climbing poles, working in manholes and serving customers. Her book, *Built to Climb: Claiming Your Voice, Power, and Path*, published in May, chronicles her journey from frontline technician to senior vice president while sharing the experiences and lessons that shaped both her career and leadership philosophy. Her career advice: A person can have a successful career in any field as long as they work hard and continue learning. A profile of Walley appeared as a supplement to the *Des Moines Register* and other publications, as part of the Influential Women series, produced by the Influential Women women’s advocacy group.

Devanshi Mehta M.S. ’22, a senior business analyst at Sompo International, was featured on *The National Law Review*’s website and in other publications, as part of the Influential Women series. The Aug. 24, 2026, *National Law Review* article highlighted her experience in data analytics, business intelligence and technology-driven work within the banking, financial services and insurance industry. “The best career advice Devanshi has received is to never limit herself to a job title or a specific set of responsibilities,” the article says.

Vitals

REMEMBRANCES



Norman J. M. Horing Hon. M.Eng. '82, professor emeritus of physics and engineering physics who spent five decades at Stevens, died on April 19, 2026.

Professor Horing began his career as a staff physicist with MIT's Lincoln Laboratory and National Magnet Laboratory before joining Stevens in 1966. He made enduring contributions to condensed matter physics, with specialties spanning quantum many-particle theory, quantum field theory, Green's function methods, quantum plasma and high magnetic field phenomena. His work influenced applications in solid-state physics, semiconductor and surface physics. He authored 364 refereed journal articles and book chapters through 2022, leaving a lasting imprint on the field.

Horing was recognized with Stevens' Henry Morton Distinguished Teaching Professor Award, along with multiple research honors, including the Jess H. Davis Research Award.

He is survived by his wife, Jerilyn.



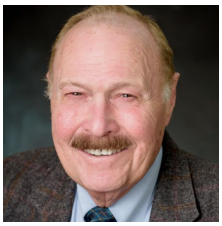
Xiaoguang Meng Hon. M.Eng. '10, professor emeritus of Civil, Environmental and Ocean Engineering whose work helped improve water quality around the world, died on March 6, 2026.

Meng, who joined the Stevens faculty in 1993, focused on environmental chemistry and the development of technologies for treating contaminants in water and soil. Among his achievements was developing a household bucket filter for removing arsenic from drinking water. Naturally occurring arsenic affects the drinking water of 170 million people worldwide, including approximately 2.1 million in the United States and 28 to 35 million in Bangladesh. Meng traveled to Bangladesh a number of times, collaborating with UNICEF and local NGOs to successfully demonstrate and promote the filter. In 2005, he invented and patented a surface-activated titanium oxide adsorbent, which is now widely used in community and household filters in the United States to treat contamination with arsenic, lead and other heavy metals.

Meng's research was funded by the National Science Foundation, the U.S. Army Corps of Engineers, the New Jersey Department of Environmental Protection, among others. In 2001, he co-founded HydroGlobe LLC to successfully commercialize his Stevens' patent on a nano-TiO2 adsorbent filter system for treating arsenic and lead in water. Stevens recognized his contributions with the Jess Davis Memorial Research Award.

Meng was recognized with numerous awards, including the Inventor of the Year 2009 Award from the New Jersey Inventors Hall of Fame.

Surviving are his wife, Wei Wang, and his daughter, Shuang.



Arthur "Bernie" Ritter, a longtime professor of biomedical engineering at Stevens, died on Jan. 22, 2026.

Ritter served as a faculty member at both Stevens and the Medical School of New Jersey (now Rutgers New Jersey Medical School) during his long career. He joined Stevens in 1971 and served until 1978, later rejoining the university as a Distinguished Service Professor in 2003 until retiring in 2020.

The founding director of Stevens' biomedical engineering program, he was an early contributor to the emerging field of biomedical engineering, and his work in physiology and robotic surgery helped shape the discipline. A respected and beloved teacher, he mentored countless students, researchers and young engineers.

His research focused on micro-circulatory and cardio-respiratory physiology, systems physiology and cardiovascular engineering. He published more than 80 articles and co-authored the textbook, *Biomedical Engineering Principles*.

Ritter was a fellow of the American Institute for Medical and Biological Engineering.

Surviving are his wife, Sue; his children, Suzanne, Amy and Andrew Ritter; his stepchildren, Adam Lerner, Jill Harris and Brooke Lerner; and six grandchildren.

MARRIAGES

Cianyl Mae Pogata '13 and Mark Aguiling on June 21, 2025.

BIRTHS

To Mark Weissenrieder '96 and Martin Jerez, a daughter, Louise Jean, on February 12, 2026.

To Michelle and Andreas Pallikaras '16 M.Eng. '16, a daughter, Lena Rose, on April 16, 2026.

OBITUARIES

1950s
G.H. Byrne '50
M.J. Bachthaler '51
F.E. Beisner, Jr. '51
M.A. Napolitano '53 M.S. '61
E.J. Greber '54
J.B. Begue '55 M.S. '58
W. Johansson '56
R.S. MacIntosh '56
W. Stebbins '56
E.F. Elton '57
D.A. Haid '57
M.J. Lum '57
G.E. Devitt M.S. '58
B.E. Ficken '58 M.S. '63
A. Greiner '58 M.S. '60
J.S. Tomaszek '58
J.L. Quinn '59

1960s
J.J. Dalton '60
G.H. Dow '60
R.P. Kolb M.S. '60
M.B. Sowul '61
L.Z. Lewandowski '62
J.J. Stachel Ph.D. '62
J.E. De Maria '64
R.R. Frankovic '64
J. Kahrs M.S. '64
E.M. Orosz '64 M.S. '68
A. Propper '64
V. SooHoo '64
J.R. McCoy '65 M.S. '67
R.C. Ray M.Eng. '65
K.F. Tompetrini '65 M.Eng. '67 Ph.D. '73
R.A. Youngstrom '65
F.H. Mircoff, Esq. MMS '67
C.J. Straub MMS '67
W.G. Walter '67
D.W. Hightower M.S. '68
D. Uptegrove '69 M.S. '71
K.C. Wright '69
W.S. Yackinous M.Eng. '69

1970s
S.G. Hegde M.S. '70 Ph.D. '77
J.R. Pavano '70
S.P. Bourlett '71
R.W. Bradshaw '72
A.C. Kacsmar '72 M.S. '73
R.T. Zak '72 MMS '75
B.D. Avila '73
P.J. Klein M.S. '75
V.J. Sacco '76
D.R. Williams '76
J.T. Abaunza '77
J.C. McCrae '79

1980s
M.A. Beke '83
E.L. Hennessy, Jr. Hon. D.Eng. '83
C.V. Reichel '86
C.P. Tischbein '87

1990s
M.J. Due M.Eng. '96

2000s
P.C. Patel M.S. '14
A. Mishra M.S. '16
S. Sarangan M.S. '23

FACULTY
R.E. Bove
N.J. Horing Hon. M.Eng. '82
X. Meng Hon. M.Eng. '10
A.B. Ritter

Notices received from 3/10/26 to 8/12/26.


1
WELCOME BACK - STEVENS MEN IN AND OUT
STEVE
ALUMNI
Saturday·M
·194
40's
50th
STEVENS INSTITUTE OF TECHNOLOGY
A.D. 1870
1918
Stev
8
7
Songs of Stevens
5
6
STEVENS ALUMNI BANQUET
Thursday, January 10th 1918
HOTEL ASTOR

Out of the Archives

The SAA at 150

BY BETH KISSINGER

The Stevens Alumni Association has claimed mighty members over its 150 years: Nobel Prize winning physicist Frederick Reines '39 M.S. '41, artist Alexander Calder Class of 1919, Johnson Space Center director Aaron Cohen M.S. '58, who helped guide six of NASA's lunar landings. Today's SAA, with some 62,000 members and alumni on six continents, expands its reach, while building on rich traditions: excellence in its members, thriving clubs and career networks, and a reunion weekend when alumni celebrate their enduring connection to their alma mater and to each other. ✦

1. ALUMNI DAY 1946

Stevens welcomed back alumni who had served in World War II with a carnival, dinner at the nearby Union Club and fireworks. More veterans joined Stevens that fall, boosted by the GI Bill, resulting in two graduating classes in 1950.

2. "DINK"

Affectionately known as a "dink," this beanie belonged to a member of the Class of 1908. The tradition of freshmen wearing a dink lasted until 1969.

3. CLASS PICTURE

The Class of 1889, with Nicholai H. Hiller at far left. Hiller's son, Paul W. Hiller, who entered Stevens in 1918 but graduated from Penn State, donated the photo.

4. MUG

A memento of Alumni Weekend 2026, which marked 150 years of the SAA this past June. Read more about the weekend on page 52.

5. TV MOMENT

Deborah Naas O'Rourke '75 M.S. '80 speaks with NBC's News 4 New York at Commencement 1975, as one of the first undergraduate women to receive a Stevens degree that day and formally join the SAA.

6. PROGRAM

The annual Alumni Banquet was an SAA tradition for decades. This 1918 gathering, held at the Hotel Astor in Manhattan, featured Stevens songs and cheers, with Cape Cod oysters, guinea hen and cigarettes.

7. ALBUMS

"Songs of Stevens" from 1951 featured the Stevens Glee Club — founded in 1873 — with student and alumni singers. Some songs: "Russian Picnic," "Pilgrims' Chorus" and the Stevens Alma Mater.

8. PARADE

The alumni parade — with elaborate floats such as this replica of the Wright Brothers' flyer, in 1911 — kicked off annual Alumni Days of long ago.

Photo: Michael Marquand, Historic Items: Samuel C. Williams Library Archives & Special Collections (library.stevens.edu/archives)

More: **Stevens.edu/SAA-150-Lecture**

The Solver

Tips for Home Brewers

BY CHARLES O'BRIEN

Colby Janisch MBA '15 turned a home-brewing hobby into Jersey City's 902 Brewing Company, which opened in 2020. Here, he shares tips to help aspiring home brewers get started with confidence.





Peter + Maria Hoey

MAKE YOUR IMPACT

TO EMPOWER THE NEXT GENERATION OF LEADERS



"My goal is to merge my passion for technology with a commitment to making a positive impact on the LatinX community. Being involved with campus organizations, including SHPE, ALPFA and LSU, is helping me develop as a leader."

– Emmanuel Madera, Class of 2028

Emmanuel is a computer science major making the most of his Stevens experience. Through the Society of Hispanic Professional Engineers (SHPE), the Association of Latino Professionals For America (ALPFA), Lambda Sigma Upsilon (LSU) Latino Fraternity, Inc. and the Cultural Greek Council, he has developed leadership skills, expanded his professional network and found a strong sense of community.

Stevens empowers students to pursue ambitious goals and prepare for careers with purpose. Through mentorship, experiential learning and a vibrant campus community, students gain the confidence to make an impact in the world. Your gift makes these opportunities possible today and for years to come.

Make your gift today at

stevens.edu/empower-leaders



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MEMENTO

Salute from Air and Sea

Military aircraft soar in perfect formation — with a Stars and Stripes tribute — during the Sail4th 250 parade of tall ships and International Aerial Review on July 4. Tall ships and naval vessels from about 55 countries and more than 100 aircraft streamed up New York Harbor, with Stevens getting a front-row seat for this big 250th birthday party for the nation.

Jeff Vock