OUR MISSION

“
To inspire, nurture and educate leaders in tomorrow’s technology-centric environment while helping to devise solutions to the most challenging problems of our time.”
Stevens Institute of Technology is fully committed to providing best-in-class graduate education that develops and empowers tomorrow’s leaders. Through interaction with renowned academic and professional experts and state-of-the-art laboratory training and research, Stevens equips graduate students with the tools to analyze and solve complex real-world problems, fuel technological progress and seize opportunities. As Stevens’ chief academic officer, I invite you to become part of a unique and vibrant community of forward-thinking professionals at a university with technology at its core and a fast-growing reputation as a world-class research and education institution.

Stevens’ long tradition of excellence and exploration has produced major advances in engineering, business and science. And, as the 15th-largest producer of engineering master’s degrees in the United States, Stevens has made a profound, positive impact on data science, defense, healthcare, energy, technology and many other industries, and has helped fuel economic prosperity. Today, our results-driven foundational focus includes key fields where daily breakthroughs are changing the lives of people around the world: artificial intelligence, machine learning and cybersecurity; biomedical engineering, healthcare and life sciences; complex systems and networks; data science and information systems; financial systems and technologies; and resilience and sustainability.

Stevens is known for its interdisciplinary approach, its productive partnerships with industry and government, its record of developing leading professionals and its passion for innovation and entrepreneurship. I encourage you to learn more about graduate education at Stevens and how it can help you propel your career, drive innovation and power tomorrow.

CHRISTOPHE PIERRE
Provost and Vice President for Academic Affairs
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Ever since Edwin A. Stevens — a member of “America’s First Family of Inventors” — established Stevens with a bequest in 1870, we have been more than a step ahead.

Today, we are not only a premier research university dedicated to educating innovators in an increasingly technology-centric world, but we are also the second-fastest rising university among U.S. News & World Report’s “Top 100 National Universities.” Our top-ranked graduate programs are designed to advance careers in business, technology and science.

At Stevens, we leverage our proud heritage to reimagine and shape the future. Research and technological innovation is at the heart of what we do. Propelled by an internationally renowned faculty, cutting-edge laboratories, research centers and facilities, and an enviable location in the heart of the New York metropolitan area, we regularly transform today’s ideas into tomorrow’s realities. Our commitment to innovation began when our founders led the efforts to establish the U.S. Patent & Trademark Office. That same commitment continues today as we are ranked 14th among all universities nationwide in producing inventors by the Equality of Opportunity Project.

We have driven leading-edge technological and scientific innovations and advances in artificial intelligence, biomedical engineering, coastal resilience, cybersecurity, data science, financial regulation, infrastructure, machine learning, naval architecture, pharmaceutical manufacturing, systems thinking, wireless communications and more.

We know that successful problem solving is often the result of interdisciplinary collaboration among academic peers, as well as strategic research initiatives and partnerships with industry and government agencies. These partners both support and adopt our discoveries that advance their interests, grow their businesses and make the world a better place.

A Stevens graduate education prepares leaders — leaders of teams that engineer novel solutions and leaders of businesses that depend on the technologies that fuel today’s global markets — who enrich and empower the workforces of our corporate, industry and government partners.
A LEGACY OF INNOVATION

OUR GRADUATES HAVE

Directed design, construction and testing of modules for America’s Apollo moon missions

Discovered the neutrino — and validated the Big Bang Theory

Perfected the art of kinetic structures known as mobiles

Helped create and direct the U.S. Space Shuttle Program

Won the Nobel Prize, an Emmy Award and a Peabody Award

Invented the Gantt chart to aid project management

Invented IMAP — the modern form of email

Invented Bubble Wrap

Overseen the design, development and implementation of the information infrastructure of pioneers such as SpaceX

Influenced technology development through social media engagement

WE CONTINUE TO SHAPE OUR WORLD

Developing innovative new materials, processes and systems that enable efficient, sustainable energy production and conservation

Designing and improving medical devices and healthcare delivery systems

Enhancing privacy by leveraging artificial intelligence and using new approaches to cryptography

Forecasting storm surges to aid coastal communities and governments in emergency preparedness

Integrating new approaches to realize the promise of big data in business, disease diagnosis, urban planning and other applications

Developing unmanned and autonomous underwater robotics and systems

Searching for the next breakthrough medicines and therapies

Patenting a new mass spectrometry technique

Developing a new method of synthesizing penicillin
EMPOWERING A BRIGHT FUTURE BY TURNING IDEAS INTO REALITY

RESEARCH IS IN OUR DNA

Blending theoretical rigor with practical application is the building block for Stevens innovation.

We transcend the traditional boundaries separating academia, industry and government to collaborate in breakthrough research that transforms ideas into new technologies, businesses, services and products that benefit society.

Our students work in state-of-the-art labs and research centers under the direction and mentorship of internationally renowned faculty driving transformative research innovations. From homeland security to cybersecurity, Stevens’ interdisciplinary research is regularly funded by government agencies and industry leaders.

RESEARCH CENTERS AND LABS

Center for Complex Systems & Enterprises
The Center for the Advancement of Secure Systems and Information Assurance (CASSIA)
Center for Decision Technologies
Center for Quantum Science & Engineering
Center for Environmental Systems
Center for Healthcare Innovation (CHI)
Davidson Laboratory
Design & Manufacturing Institute
Hanlon Financial Systems Center
Highly Filled Materials Institute
Institute for Cognitive Networking
Maritime Security Center (MSC)
MicroDevice Lab
NJ Center for Microchemical Systems
Stevens Institute for Artificial Intelligence (SIAI)
Systems Engineering Research Center (SERC)
FOUNDATIONAL RESEARCH PILLARS

Stevens has chosen to exert particular research focus in these six critical areas:

**ARTIFICIAL INTELLIGENCE, MACHINE LEARNING & CYBERSECURITY**
Stevens produces a comprehensive body of AI and machine learning research, powering applications ranging from password security and financial fraud prevention to medical diagnostics, homeland security, and device and network security.

**BIOMEDICAL ENGINEERING, HEALTHCARE & LIFE SCIENCES**
Stevens faculty, under the auspices of the university’s Center for Healthcare Innovation, perform interdisciplinary research to improve patient comfort and care; discover and test new medicines and therapies; and analyze and improve national and global healthcare delivery, among other projects.

**COMPLEX SYSTEMS & NETWORKS**
The Center for Complex Systems & Enterprises — a global leader in systems design and integration — coordinates Stevens research into solutions for pressing large-scale challenges including emergency preparedness, healthcare policy, insurance regulation and transportation planning.

**DATA SCIENCE & INFORMATION SYSTEMS**
Interdisciplinary Stevens faculty teams, including those in our Center for Decision Technologies, transform big data into knowledgeable insights that support enhanced, more intelligent operations and business decisions.

**FINANCIAL SYSTEMS & TECHNOLOGIES**
Powered by the Hanlon Financial Systems Center’s world-class analytics and data visualization capabilities, we work with strategic partners to lead research in all aspects of finance — from high-frequency trading and regulation to cyberdefense, management, risk management and securities pricing.

**RESILIENCE & SUSTAINABILITY**
An international leader in coastal and urban resilience research, the world-renowned Davidson Laboratory drives thought leadership on both the impact of climate change and on future preparations for increasingly common extreme-weather events. Our faculty also produce leading-edge sustainability and energy research, including through the university’s Center for Environmental Systems.
CHANGING THE WORLD, ONE INNOVATION AT A TIME

CONNECTING RESEARCH AND EDUCATION ACROSS DISCIPLINES
Stevens Institute for Artificial Intelligence (SIAI)

Artificial intelligence is rapidly changing the world, and Stevens’ newly created institute is leveraging university-wide teams to innovate AI and machine-learning solutions that will advance industry, benefit society and strengthen national security. Working closely with industry and academic partners, we are creating innovations in healthcare, financial systems, workforce enhancement, education and other key areas.

SMALL PACKAGES, BIG INNOVATION
MicroDevice Lab

With support from the Office of Naval Research, U.S. Army, Air Force Office of Scientific Research and National Science Foundation, Stevens’ nanotechnology researchers investigate and transform disciplines including optics, sensing, medical device design and energy storage.

BREAKTHROUGH CENTERS EMBRACING A NEW WORLD

“
In a world where AI-enabled innovation continues to rapidly evolve, SIAI and its Stevens collaborators synergistically develop solutions to real-world problems, while providing a platform for training the next generation of AI thought leaders.”

DR. JEAN ZU
Dean, Charles V. Schaefer, Jr. School of Engineering and Science

“
Research today is highly interdisciplinary. You have to be creative and capable of building new research areas in the fertile space between disciplines.”

DR. E.H. YANG
Director, MicroDevice Lab
BREAKTHROUGH RESULTS

SECURING THE INTERNET
Security breaches and cybersabotage threaten nations, individuals and business operations worldwide on a daily basis. Stevens researchers are among those selected and supported by the National Science Foundation’s Future Internet Architecture (FIA) program to experiment with enforceable internet routing policies and develop more robust security protocols.

MUSIC AND COMPUTER SCIENCE DEFINING ARTIFICIAL INTELLIGENCE
Kelland Thomas, dean of Stevens’ College of Arts & Letters, is building new AI-based systems that learn from human-computer communications how to improvise. The defense agency DARPA has awarded Thomas and his Stevens team $2 million to design and test systems that will both accept human guidance and proactively anticipate requests — perhaps even flag concerns or make suggestions. The concept, known as computational creativity, requires systems that can build their own knowledge, learn on the fly and interact with us in ways that are cognitively similar to the ways we interact with them.

UNDERSTANDING HOW BREAST CANCERS GROW
Stevens researchers have recently gained a new understanding of how breast cancers grow and metastasize. Research by biomedical engineering professor Hongjun Wang and his team of students suggests that altering the environment around tumors may hold a key to halting cancer’s spread. It’s a promising breakthrough that Wang believes will apply both to the development of new medications and therapies and the treatment of other cancers such as prostate and pancreatic cancer.

PREPARING FOR EMERGENCIES
Stevens’ Davidson Laboratory created and maintains the New York Harbor Observing and Prediction System (NYHOPS), a vital forecasting resource for emergency preparedness in the metro New York City and coastal New Jersey regions. The laboratory’s remarkably accurate Hurricane Sandy predictions attracted national attention on CNN, The Weather Channel and other media; today, NOAA and the National Weather Service both utilize NYHOPS in their official forecast data streams.

DEVELOPING CLEANER, GREENER MILITARY OPERATIONS
The Department of Defense has turned to Stevens for assistance in developing safer, more energy-efficient munitions facilities. The $8 million project involves the cooperation of multiple Stevens departments and faculty, and focuses on retrofitting facilities with safer, more environmentally friendly processes that meet the standards of the Army’s “net zero” policies. Active projects include wastewater cleansing, heavy metal removal and the production of useful biofuels from facility by-products.

IDENTIFYING EARLY SIGNS OF ALZHEIMER’S
An algorithm developed by Stevens’ researchers may help to identify early signs of Alzheimer’s and other neurological disorders by scanning social media posts and phone calls. Based on natural language processing and machine learning, the algorithm may offer an inexpensive early warning to would-be patients and physicians.
MAKING AN IMPACT, ONE STUDENT AT A TIME

RESEARCH

CRUNCH BIG DATA IN FINANCE

The Hanlon Financial Systems Center

Leveraging Stevens’ powerful Hanlon Financial Systems Center — one of the only facilities of its kind in the nation — faculty and student researchers apply leading-edge technologies in new ways to investigate complex financial and big data questions; analyze securities and markets; optimize emergency logistics; design and validate software models for the military; strengthen cybersecurity; and exploit new business opportunities.

Here, students have a real world, hands-on educational and research experience that prepares them for dynamic and successful careers in the financial services industry, and partners can utilize the outstanding facilities for research, training and events.”

SEAN HANLON ’80
CFP, Chair, Advisory Board,
Hanlon Financial Systems Center
Chairman, CEO and Chief Investment Officer,
Hanlon Investment Management

NURTURING ENTREPRENEURS AND INNOVATORS
MAKING THE RIGHT CHOICES

The Center for Complex Systems and Enterprises (CCSE)

Intelligent business and policy decisions require a thorough understanding of complex systems and data. Stevens collaborates with industry, government and academic thought leaders in transformative, leading-edge research in healthcare delivery, national security, financial systems, urban resilience and other disciplines.

“CCSE is a visionary research center that expands beyond the traditional aspects of systems engineering to develop affordable and sustainable solutions to the key challenges we face as a nation.”

JEFFREY WILCOX
Corporate Vice President for Engineering, Lockheed Martin
Our highly-ranked programs are designed to advance careers and promote scholarship within an environment that incubates innovation and encourages entrepreneurship.

Through our three distinguished schools — the Charles V. Schaefer, Jr. School of Engineering and Science, the School of Business and the School of Systems and Enterprises — we offer more than 40 master’s degree and 20 Ph.D. programs in highly specialized disciplines including engineering, systems innovation and business analytics.

More than 120 graduate certificates are available in everything from biomedical engineering and electrical engineering to project management and business analytics, from software design and development to financial engineering.

STEVENSONLINE — ANYWHERE, ANYTIME
With an advanced degree from StevensOnline, students boost their careers by gaining knowledge they can immediately apply in their workplaces.

Through StevensOnline’s award-winning online platform, graduate students have the flexibility to pursue a wide range of degree and certificate programs — including 18 fully online master’s degree programs — anywhere, anytime. Online students not only learn from the same world-class faculty as on-campus students, but they also have opportunities to connect with fellow students, participate in group assignments and network.

StevensOnline offers master’s degree programs and graduate certificates that provide students with cutting-edge knowledge and practical skills to advance their career goals. By focusing on current theory and applications, courses give students the opportunity to apply course concepts to meet everyday business objectives.
TOP RANKINGS ENHANCE OUR GROWING NATIONAL REPUTATION FOR EDUCATIONAL EXCELLENCE:

**1st**

U.S. News & World Report ranks our online MBA program the best in New Jersey

“The education at Stevens is fantastic. I feel very fortunate — I was very impressed with the quality of the education and the subject matter I was learning about.”

KEITH BARLOW
M.S. Software Engineering

**28th**

Among the nation’s best non-MBA online business programs
(U.S. News & World Report)

**7th**

Master’s in Business Intelligence & Analytics among TFE Times’ best programs

**11th**

Among the nation’s best online graduate computer IT programs
(U.S. News & World Report)

**23rd**

In U.S. for best online graduate engineering programs
(U.S. News & World Report)

**47th**

Among the nation’s best online MBA programs
(U.S. News & World Report)

“The online Construction Management program is exactly what I need to get my skills up to par and get me back where I belong in the workforce.”

ALISON KALMAN
M.S. Construction Management

“The Enterprise Project Management program does not just lead to another degree. It teaches you the real-life experience of what is needed in order to be an effective project manager.”

DAMIR ALIC
M.S. Enterprise Project Management
EDUCATION OFFERINGS

EMPOWERING TOMORROW’S LEADERS

Stevens educates leaders who pioneer positive transformative change and prepares them for lifelong personal and professional success. Stevens’ graduate programs are designed to enable both professional advancement and scholarly exploration.

We believe that research and technology hold the solutions to complex challenges facing innovators in fields ranging from finance and defense to medicine and national infrastructure.

Our three distinguished schools — the Charles V. Schaefer, Jr. School of Engineering and Science; the School of Business; and the School of Systems and Enterprises — equip students with the knowledge, tools, training and opportunity to devise lasting solutions that effect positive change.

AN ACADEMIC ENVIRONMENT THAT INCUBATES SUCCESS

40+ Master’s degrees

20+ Ph.D. programs

Each school’s graduate programs enable both professional advancement and scholarly exploration through:

- Flexible options for full-time, part-time, on-campus, online or onsite corporate learning
- Instruction and mentorship from a world-class faculty of thought leaders, scholars and researchers who are acknowledged experts in their fields
- An interdisciplinary, design-based education
- A powerful alumni network
- State-of-the-art facilities, resources, centers and labs designed to facilitate cutting-edge research and innovation
- Support and guidance from our award-winning Stevens Career Center

Stevens educates leaders who pioneer positive transformative change and prepares them for lifelong personal and professional success. Stevens’ graduate programs are designed to enable both professional advancement and scholarly exploration.

We believe that research and technology hold the solutions to complex challenges facing innovators in fields ranging from finance and defense to medicine and national infrastructure.

Our three distinguished schools — the Charles V. Schaefer, Jr. School of Engineering and Science; the School of Business; and the School of Systems and Enterprises — equip students with the knowledge, tools, training and opportunity to devise lasting solutions that effect positive change.
That’s the DNA of Stevens — to take theoretical rigor and link it to practical applications of societal impact. We think our students will end up being better contributors to problem-solving that matters to society.”

DR. DINESH VERMA
Professor and Executive Director of the Systems Engineering Research Center (SERC)
LEVERAGING A WORLD OF EXPERIENCE

SOLVING COMPLEX PROBLEMS

MEETING INDUSTRY NEEDS
Stevens meets the needs of a rapidly evolving workforce with relevant programs and sustainable solutions to today's most complex problems. Our new master's program in Artificial Intelligence, for example, is taking the latest research developments at Stevens and translating them into degrees that propel careers forward.

FIRST WE LISTEN, THEN WE RESPOND
We design programs that proactively address employers' emerging needs. A case in point: our up-to-the-minute M.S. in Business Intelligence & Analytics. When industry leaders and partners identified opportunities in big data, we responded. Our degree program — one of the first in the nation to address this demand — trains the next generation of leaders in this rapidly growing field.

GROUNDBREAKING COLLABORATIONS
Faculty and students from each of our schools regularly collaborate with leading businesses and organizations that want help in solving complex problems. Through these fruitful business-academic partnerships, innovative new products and services are quickly developed, tested and delivered to consumers.

OUR PARTNERSHIPS ARE A KEY DRIVER FOR SUCCESS

MAKING BETTER DECISIONS
With support from the National Science Foundation, the Office of Naval Research and the U.S. Department of Homeland Security, among others, the Center for Decision Technologies explores decision-making. By better understanding systems design development, social network use and crowdsourcing, researchers look to develop technologies that improve and augment decision-making.

A PARTNERSHIP DEFINED
Stevens' long-term partnership with Public Service Enterprise Group (PSEG) maintains a keen focus on energy innovation, public service, and arts and cultural programming. Stevens has created a highly collaborative, interdisciplinary faculty to produce energy innovations such as flexible photo-electronics and sustainable fuels suitable for energy conversion. Strong partnerships engage on a multitude of fronts that include research, philanthropy, workforce development, internships and hiring graduates.
IT’S A MATCH

A Stevens education extends far beyond the classroom. Our Field Consulting Program in the School of Business matches graduate business students with partner companies eager to provide fresh answers to real-world problems. Through meetings with executives, stakeholder interviews and more, our field consultants help pinpoint practical, technology-driven solutions that help clients grow market share.

“The students’ recommendations were not only well thought-out and sound in strategy, but they each aligned with our bigger business strategies and initiatives. It was clear the teams grasped the values and cores of the new industry upon which they were focused.”

GREG FINKELSTEIN
Senior Vice President, Wiley

SEEING THE BIG PICTURE

Researchers at the Systems Engineering Research Center (SERC) and the Center of Complex Systems and Enterprises (CCSE) consider the big picture as they develop solutions to complex socio-technical problems of national and international significance, such as national security, healthcare delivery and coastal urban resilience.

“A truly holistic perspective, that’s the perspective we bring into the classroom for our students.”

DR. DINESH VERMA
Professor and Executive Director of the Systems Engineering Research Center (SERC)
The Charles V. Schaefer, Jr. School of Engineering and Science is internationally recognized for fueling groundbreaking technological and scientific discovery and for engineering practical solutions to society’s most pressing challenges.

Through its nine departments and more than 50 rigorous and in-demand interdisciplinary graduate programs, the School of Engineering and Science is empowering tomorrow’s technology leaders. Faculty and students engage in leading-edge research in areas of societal need that range from healthcare and medicine to cybersecurity and the environment.

In response to these pressing global challenges, faculty have spearheaded several interdisciplinary research centers and laboratories within Stevens. These include two leading technology centers — the Stevens Institute for Artificial Intelligence and the Center for Quantum Science and Engineering — as well as more established National Centers of Excellence like the Maritime Security Center.

"Stevens' legacy of technological advancements and research, along with our commitment to quality education, provides our students with the foundation they need to become tomorrow’s greatest innovators."

DR. JEAN ZU
Dean, Charles V. Schaefer, Jr. School of Engineering and Science

"I was welcomed to spend a summer at one of Europe’s top research institutions and work alongside doctoral students from around the world. Because of my work at Stevens, now when I go to conferences or apply to conduct research internationally, I am already acknowledged as a legitimate scientist. It’s so rewarding to see your work come together. It inspires you to push forward."

AMANDA DIGIULIO
Doctoral student and co-author of cover article in scientific journal Cell
A robust research enterprise supported by funding agencies such as NASA, the National Science Foundation, the National Institutes of Health, the U.S. Department of Defense and the U.S. Department of Energy

An environment that fosters innovation and entrepreneurial leadership

Faculty who are prominent experts in their fields

Successful and effective industry, government and academic partnerships

Nationally recognized, state-of-the-art research centers and laboratories

A progressive educational experience that meets the needs of an evolving global workplace
What will work look like in the future? Technology’s rapid march has made it hard to imagine, but one thing is certain — today’s industry buzzword is tomorrow’s relic, and traditional management skills alone won’t ensure career success.

For a graduate business education to be relevant, it must teach students about the latest tools. But more importantly, they must learn how to think critically about what problems those tools can solve and about how emerging technologies can help to streamline processes and seize new opportunities.

This future orientation makes the Stevens School of Business unique. Here, we challenge students to think about a business world dominated by data, intelligent machines and interconnected global networks — a world where even upper managers can write code and use analytics to support decisions.

At Stevens, faculty leverage their industry experience and state-of-the-art research labs to teach tomorrow’s leaders to ask smarter questions, make better decisions, and more effectively lead teams and nurture innovation. The school offers 13 master’s programs, three doctoral programs and a wide range of short certificates to prepare tomorrow’s professionals for the leadership challenges of a workplace in constant transformation.

“
A graduate degree must prepare you for tomorrow’s business world — not just the challenges of today. The Stevens emphasis on technology, entrepreneurship, data and analytics ensures your education prepares you to lead now and in the future.”

DR. GREGORY PRASTACOS
Dean, School of Business

“
The world is getting more automated, more efficient, more intelligent. You need complete professionals who know how to code, understand finance and can implement solutions.”

RODRIGO SILVA COSME
M.S. ’16 Financial Engineering
Proximity to New York City, promoting recruiting opportunities and relationships between faculty and executives that influence education and research

A future-oriented perspective on the tech-driven workplace of tomorrow

State-of-the-art research and teaching facilities

Personalized instruction from a faculty of experienced corporate managers and academic thought leaders

Accreditation by AACSB International, a designation conferred upon less than 5 percent of business schools worldwide

An environment that fosters thought leadership and funded pioneering research
A driver of systems, software and engineering innovation and research, the School of Systems & Enterprises prepares students and working professionals to find elegant solutions to today’s most complex engineering, systems and management challenges.

With a focus on systems engineering, software engineering, engineering management, analytics and machine learning, the school’s graduate certificate, master’s and doctoral degree programs provide a world-class, practice-based education that leads to career success.
The School of Systems & Enterprises is building on its strengths as a world leader in systems science and engineering while leveraging strong interdisciplinary collaborations to play a transformative role in facilitating far-reaching solutions to some of the most pressing challenges facing our society in fields such as data analytics, security, healthcare and transportation.”

DR. YEHIA MASSOUD
Dean, School of Systems & Enterprises
DRIVING SUCCESS

Stevens’ focus on complex systems and data analytics ties into an entire class of problems that we are addressing with our clients. Stevens helps graduates prepare for some of the most important business challenges of our times.”

BRIAN MCCARTHY
Managing Director, Accenture Analytics – Information & Analytics Strategy

A POWERFUL NETWORK

More than 40,000 Stevens Institute of Technology alumni living around the world connect in a powerful network dedicated not only to opening doors for fellow alumni, but also to making Stevens the best university it can be — today and tomorrow.

CAREERS

CONNECTING STUDENTS TO OUR NETWORK OF GLOBAL LEADERS

Stevens drives success — for students; faculty; academic, industry and government research partners; employers; and our engaged alumni.
EMPOWERING EMPLOYERS THE WORLD OVER

Leading global employers have long recognized the leadership abilities and innovative problem-solving skills of Stevens graduates, regularly hiring them for key technical and leadership positions.

EMPLOYERS INCLUDE


stevens.edu
INTERNATIONAL EDUCATION AND PARTNERSHIPS

Representing more than 60 countries, our international students enliven our campus and broaden our perspectives.

Stevens is connected to a growing worldwide network of research, academic and alumni partners on every continent — including Antarctica. We have forged more than 90 productive partnerships with international universities and institutions that contribute significantly to the success of our teaching, research and global outreach efforts.

These partnerships reflect a campus and community culture that celebrates and embraces diversity. They receive a warm welcome not only from Stevens, but also from Hoboken, our sanctuary city home just minutes from the business, financial and cultural offerings of New York City.

A truly world-class faculty of researchers and experts provide robust offerings in federally designated STEM degree programs. International students in these programs are eligible for a 2-year Optional Practical Training extension to give them the opportunity to work in the U.S. and gain valuable experience. They additionally benefit from our keen focus on career development, which provides a pathway to U.S. work experience.

Full-time international students holding F-1 immigration status can be granted work authorization through federal Optional Practical Training (OPT) or Curricular Practical Training (CPT) benefits that allow them to gain work experience directly related to their academic areas of study. Additional employment opportunities include internship and co-op experiences.

EMPOWERING GLOBAL CONNECTIONS
A Home Away From Home for International Students

"As an international student, it’s difficult to adjust to a different culture in another part of the world, but Stevens has provided many different activities, advisors, faculty and staff to facilitate that transition."

YAN SEE TAO
Ph.D. in Systems Engineering
It is a most exciting time to be at Stevens. The increasingly complex problems of our global society require holistic, creative, socio-technical solutions, and Stevens is well-positioned to prepare graduates to address these challenges. With strong technical, business, quantitative and human skills, Stevens graduates are the entrepreneurially-minded, dynamic leaders who contribute to solving problems and seizing opportunities for organizations, industries, and society across diverse fields and disciplines. Stevens’ bold research agenda, focusing on critical global and industrial concerns and supported by major investments in cutting edge research laboratories and world-class faculty, complements our graduate education programs. Recent prestigious accolades, including from the Carnegie Corporation of New York and the American Council on Education, affirm the incredible momentum Stevens is experiencing. As a relatively small university possessing great determination and agility, Stevens is a destination of choice for the most promising students, faculty and partners.

NARIMAN FARVARDIN
President of Stevens Institute of Technology
SCHOOL OF ENGINEERING AND SCIENCE

DEPARTMENT OF BIO MEDICAL ENGINEERING
Bioengineering, M.S.
Biomedical Engineering, M.Eng., Ph.D.

DEPARTMENT OF CHEMISTRY & CHEMICAL BIOLOGY
Chemistry, M.S., Ph.D.
Chemical Biology, M.S., Ph.D.
Computational and Medicinal Chemistry, M.S.

DEPARTMENT OF CHEMICAL ENGINEERING & MATERIALS SCIENCE
Chemical Engineering, M.Eng., Ph.D.
Materials Science and Engineering, M.S., M.Eng., Ph.D.
Nanotechnology, M.S., Ph.D. (Interdisciplinary)

DEPARTMENT OF CIVIL, ENVIRONMENTAL & OCEAN ENGINEERING
Built Environment, Ph.D.
Civil Engineering, M.Eng., C.E., Ph.D.
Construction Engineering & Management, M.Eng.
Construction Management, M.S.
Environmental Engineering, M.Eng., Ph.D.
Ocean Engineering, M.Eng., Ph.D.
Sustainability Management, M.S.

DEPARTMENT OF COMPUTER SCIENCE
Computer Science, M.S., Ph.D.
Cybersecurity, M.S.
Data Science, Ph.D.
Enterprise & Cloud Computing, M.S.
Media & Broadcast Engineering, M.S.

DEPARTMENT OF ELECTRICAL & COMPUTER ENGINEERING
Artificial Intelligence for Electrical & Computer Engineering, M.S., M.Eng.
Computer Engineering, M.Eng., Ph.D.
Electrical Engineering, M.S., M.Eng., Ph.D.

DEPARTMENT OF MATHEMATICAL SCIENCES
Applied Mathematics, M.S.
Mathematics, M.S., Ph.D.
Stochastic Systems & Optimization, M.S.

DEPARTMENT OF MECHANICAL ENGINEERING
Mechanical Engineering, M.Eng., Ph.D.
Pharmaceutical Manufacturing & Engineering, M.S.

DEPARTMENT OF PHYSICS
Engineering Physics, M.Eng.
Microelectronics & Photonics (Interdisciplinary), M.S.
Physics, M.S., Ph.D.

SCHOOL OF BUSINESS

Business Administration, Ph.D., MBA, Analytics MBA, Sustainability MBA
Business Intelligence & Analytics, M.S.
Data Science, Ph.D.
Enterprise Project Management, M.S.
Executive MBA, (EMBA)
Finance, M.S.
Financial Engineering, M.S., Ph.D.
Financial Analytics, M.S.
Information Systems, M.S.
Management, M.S.
Network & Communication Management & Services, M.S.
Technology Management, M.S.

SCHOOL OF SYSTEMS & ENTERPRISES

Engineering Management, M.S., Ph.D.
Socio-Technical Systems, M.S., Ph.D.
Software Engineering, M.S.
Space Systems Engineering, M.S.
Systems Analytics, M.S.
Systems Engineering, M.S., Ph.D.
Systems Security Engineering, M.S.