SECOND ANNUAL STEVENS AWARDS GALA



The Plaza, New York, NY April 5, 2014

MICRO congratulates the 2014 Stevens Awards Recipients



Best wishes,

Frank Semcer '65
Bahir Ibrahim '78
Brian Semcer '00
Vicente Manalo '03
Steven Jacobsen '08
Mason Compton '13
Shahzeb Sayeedi '13



SECOND ANNUAL STEVENS AWARDS GALA



The Plaza, New York, NY April 5, 2014



Office of the President

Tel 201 216 5213 Fax 201 216 8250

April 5, 2014

Dear Stevens Alumni and Friends,

Welcome to the second annual Stevens Awards Gala. As you may recall, last year this 77-year tradition of honoring members of the Stevens community was transformed into an elegant occasion drawing alumni and friends from across the globe. Tonight's celebration recognizes the professional achievements and profound impact on individuals, industry and society of those most accomplished members of the Stevens community. I feel proud and privileged to welcome our honorees and the extended members of the Stevens family to this momentous event.

This evening's honorees represent technological innovators, prolific contributors to the advancement of knowledge, entrepreneurs, leaders of global business, and alumni and friends who have had an enormous impact on Stevens students and on Stevens itself. Our honorees exemplify the highest standards of excellence; they make the Stevens name a source of pride for our community locally and globally.

This evening also serves as a reminder of what an exciting time it is at Stevens. In 2012, we began the development of a very ambitious 10-year Strategic Plan, *The Future. Ours to Create.* Now, in the second year of implementation, Stevens has already set new records in a number of areas—top 10 national rankings for mid-career salaries of graduates and return-on-investment of a Stevens education; the size and academic profile of our undergraduate and graduate student bodies; our research impact; our fundraising progress; sports and scholarship; and many others. Tonight is a testament to the renewed passion and participation of all members of the Stevens community who are enabling our success—alumni, friends, faculty and staff, and our remarkable students.

On behalf of the entire Stevens community, thank you all—honorees, sponsors, and friends—for your participation and support of this evening's event, and for your ongoing dedication to Stevens. With your continued participation and support, the Stevens star will continue to rise.

Per aspera ad astra,

Nariman Farvardin

President

Stevens Institute of Technology



AWARDS DINNER PROGRAM

Welcome and Introduction
BILL EVANS, M.C.

Lifetime Service Award
ROBERT W. BOSSE '50

Lifetime Service Award

A. JOSEPH SCHNEIDER '46

Young Alumni Achievement Award
CRISTINA VIEIRA MARTINEZ '94, M.ENG. '96

Dinner

Performance

MELISSA LUGO M.S. '14 Vergebliches Ständchen, Johannes Brahms O mio babbino caro, Giacomo Puccini

Distinguished Alumni Awards:

Academia and Government
FERNANDO L. FERNANDEZ '60, M.S. '61, HON. D.ENG. '01

Business and FinanceDWIGHT B. MASSEY '53

Engineering
JACK LIPINSKI '72

Dessert and Coffee



AWARDS DINNER PROGRAM CONTINUED

Mack the Knife
THE PRESIDENT'S ENSEMBLE

International Achievement Award
SANG-BEOM HAN M.S. '85, PH.D. '91

Friend of Stevens Award
RICHARD P. WIDDICOMBE

Charles V. Schaefer, Jr. Entrepreneur Award
ALBERT E. SISTO '71

Stevens Honor Award
DAVID J. FARBER '56, M.S. '61, HON. D.ENG. '99

A Message from President Nariman Farvardin

Alma Mater
THE PRESIDENT'S ENSEMBLE

After Party, Dancing & Cocktails



Lifetime Service Award

ROBERT W. BOSSE '50



ROBERT W. BOSSE WAS PRESIDENT of Metfast Engineering Co. in Englewood Cliffs, N.J., a company he founded in 1980 that manufactured machinery and component parts. Prior to Metfast, he was chief engineer, vice president and director of Groov-Pin Corp., a company providing engineered fasteners and components to U.S. manufacturers.

Honored this evening for his sustained and dedicated service over decades to Stevens and the Alumni Association, Mr. Bosse has furthered the reputation of the university and the affinity of its alumni. The contributions of this Licensed Professional Engineer—who holds 12 U.S. patents and numerous related foreign patents—are all the more meaningful considering the demands of his career as an engineer and businessman.

As busy as he was in his professional life, Mr. Bosse always had time for Stevens. He served as president of the Stevens Alumni Association from 1979 to 1980, as an SAA trustee for approximately 25 years, as the longtime president of the SAA North Jersey Club and as the founder and longtime chair of the SAA Tours Committee. A member of the Stevens Fund Committee, the Awards Committee, the Stevens Metropolitan Club and the Edwin A. Stevens Society, Mr. Bosse was a Stevens Trustee from 1980 to 1983 and was a longtime member of the Advisory Committee of the Mechanical

Engineering Department's Machine Systems Group. He is currently president of the Class of 1950. Mr. Bosse received the Harold R. Fee '20 Alumni Achievement Award in 1975 and the Stevens Alumni Award in 1985. He received the Stevens Honor Award in 1993 for his outstanding professional achievements.

Mr. Bosse's active life at Stevens began as an undergraduate. He served on the Student Council, was photography editor of *The Stute* and editor in chief of *Events* and the *Senior Booklet*. In 1950, Mr. Bosse earned his M.E. degree from Stevens, where he also was a member of Pi Delta Epsilon, the journalism honor society, and Gear and Triangle.

In addition to building a distinguished career, Mr. Bosse was a leader of professional, industrial and business organizations. He is past president of the Ridgefield (N.J.) Manufacturers Association, past president of the Exchange Club of Ridgefield and past chair of the National Screw Machine Products Association.

Mr. Bosse, who received his M.B.A. from Fairleigh Dickinson University in 1975, is a member of the National Society of Professional Engineers, the American Society of Mechanical Engineers, and the American Society for Metals.

Mr. Bosse has been active in many other volunteer activities, having served on the board of directors of Welkind Rehabilitation Hospital, which specialized in treating young patients with multiple sclerosis and is now part of the Kessler Institute for Rehabilitation in Chester, N.J. He has been an elder and treasurer with his church for more than 20 years.

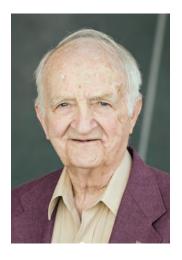
Mr. Bosse lives in Englewood Cliffs, N.J., with his wife, Rose, a gracious participant in numerous Stevens functions. He is the uncle of Christopher R. Bickel '98, and his godson is John W. Cacho '74.

Second Annual Stevens Awards Gala



Lifetime Service Award

A. JOSEPH SCHNEIDER '46



JOSEPH SCHNEIDER OWNS AN embroidery shop in Guttenberg, N.J, which was founded in 1917 by his aunt and uncle. He began working in the shop in 1946 and took over ownership in 1953, and today, at age 90, he operates machinery that dates to 1917. Mr. Schneider, a former treasurer of the Schiffli Lace and Embroidery Manufacturers Association, continues

to work in the factory every day.

Honored this evening for his long, sustained and dedicated service to Stevens Institute of Technology, Mr. Schneider has not only made philanthropic gifts but also generously donated his time and talents to his alma mater. Among his many contributions has been the donation of free embroidery services from his shop, the A. Joseph Schneider embroidery factory on Bergenline Avenue, to Stevens Athletics for team shirts.

Mr. Schneider graduated from Stevens after serving in the Navy in World War II and participating in the Navy V-12 college training program. Upon the advice of his guidance counselor at Cliffside Park High School in New Jersey, he took the math entrance examination to Stevens and scored so well that he won a scholarship, which provided a college education that he and his family could never have afforded. At the Institute, he played trombone in the Navy band, played lacrosse and basketball, worked with *The Link* and partici-

pated in the Glee and Newman clubs. He credits his Stevens experience as a turning point in his life, and has since greatly contributed to the Institute.

Mr. Schneider's shop, which produces eyelet embroidery and lace that is then sold to other embroidery companies to be put on clothing and textiles, is located in North Hudson, once known as the "Embroidery Capital of the World." A believer in high-quality work, Mr. Schneider embraces both the physical and mental challenges of climbing machinery ladders, fixing broken threads at the needles and tending to the bobbins.

When not at his shop, he regularly attends Stevens events—from Stevens Alumni Association meetings to sports events, Homecoming and Alumni Weekend—and has been an SAA decade representative for more than 40 years. Mr. Schneider is treasurer of the Stevens Metropolitan Club and serves on the SAA Executive Committee. He enthusiastically helped plan the Stevens Class of '46's successful 60th reunion.

Seeking to provide young people with the Stevens education and benefits that he received, he has donated generously to the Institute, to many entities that directly benefit students, including DeBaun Auditorium, the Class of 1946 Term Scholarship and the Stevens Athletics Fund. His generosity also includes the funding of the Schneider Baseball Bleachers at DeBaun Field.

Mr. Schneider's bountiful contributions to his alma mater, his fellow alumni and young students have earned him the 2007 Stevens Alumni Award and, in 2006, the Harold R. Fee '20 Alumni Achievement Award.

Mr. Schneider lives in Fort Lee, N.I.



Young Alumni Achievement Award

CRISTINA VIEIRA MARTINEZ '94, M.ENG. '96



CRISTINA VIEIRA MARTINEZ IS A senior associate at Thornton Tomasetti in New York City— an international engineering firm that has provided structural engineering design for several of the world's tallest buildings. She joined the firm as an engineer in 1998 and has used her structural engineering background to specialize in complex tower analysis and design, and for

historical building renovation.

Honored this evening for her increasing professional advancement, Ms. Martinez was involved in such high-profile projects as the Times Square Tower, for which she did a high-rise analysis model, and redevelopment of Rockefeller Center, including the renovated concourse and new restaurants. She was promoted to her current position in 2011.

Ms. Martinez emigrated with her family from Portugal at age 13 and entered Stevens at age 16. This scholarship recipient earned her bachelor of engineering degree in 1994 and her master's degree in civil engineering in 1996.

At Thornton Tomasetti, Ms. Martinez is a senior member of the corporate business development team, playing an integral role in developing and implementing strategies for pursuing new business and client relationships. Prior to being named senior associate, she held various positions in marketing before moving full-time to business development.

For achievements in her field, Martinez in 2012 was named to *Engineering News-Record New York's* "Top 20 Under 40," which honored her among the top young architecture/

engineering/construction professionals under age 40 in New York, New Jersey and Connecticut.

The first in her family to attend college, Ms. Martinez serves as board president of the Architecture, Construction and Engineering (ACE) Mentor Program of New Jersey, which serves about 200 students per year and is part of a national mentoring program that strives to engage high school students to pursue "ACE" careers. She credits her time at Stevens as the motivator in her desire to provide bright young people with a sense of what they could achieve.

The connection to ACE is "personal, close to my heart," she says. Her parents, whom she calls "a great inspiration on work ethic and family first," had settled in Newark's Ironbound section, seeking a bright future for their daughter, who showed early talent in math and science but had few academic options in Portugal. Upon entering Stevens, the teenager initially struggled academically, but discovered her future path with lifelong friends who looked out for her; school staff who offered guidance; the Stevens Technical Enrichment Program; and Delta Phi Epsilon.

Nationally, ACE works with more than 8,000 high school students annually and, since its founding in 1994, has served more than 60,000 students and awarded more than \$12 million in scholarships. Ms. Martinez oversees the volunteer program in nine New Jersey cities, including Newark, Jersey City and Paterson.

She also serves on the board of directors of the Newark Regional Business Partnership and Leadership Newark and is involved with the Engineering Advisory Board for the Newark Public Schools.

Ms. Martinez and her husband, Alexis, live in Montclair, N.J., and have three children.

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Distinguished Alumni Award Academia and Government

FERNANDO (FRANK) L. FERNANDEZ '60, M.S. '61, HON. D.ENG. '01



DR. FERNANDO (FRANK) FERNANDEZ has led an illustrious career in both academia and government. He served as director of the Defense Advanced Research Projects Agency (DARPA), where he is currently director emeritus, and as chairman of the Naval Research Advisory Committee (NRAC).

Dr. Fernandez also lent his deep expertise and experi-

ence to Stevens, serving as a distinguished research professor in systems engineering and technology management. He was the creator and first director of Institute Technology Initiatives and, in this capacity, served as the chief technical adviser to the president in all matters having to do with Stevens' research initiatives, management of its intellectual property and commercialization of its technology. He retired from Stevens in 2006.

After graduating from Stevens in 1960 with a bachelor's degree in mechanical engineering, Dr. Fernandez earned his master's degree in mechanical engineering from the university in 1961. Stevens awarded him an honorary doctorate in engineering in 2001. He earned his doctorate in aeronautics from California Institute of Technology in 1969.

Dr. Fernandez currently sits on the board of directors of several companies and leads a consulting firm with clients in both the defense and civilian research and development sectors.

He was appointed as director of DARPA in 1998, a crucial time in the post-Cold War era of transition. DARPA is the

principal agency within the Department of Defense for research, development and demonstration of concepts, devices and systems that provide highly advanced military capabilities. DARPA has funded the development of many technologies that have had a major global impact, including the ARPAnet, a university based research network which led to the Internet. As DARPA director until 2001, Dr. Fernandez was responsible for management of the agency's projects for high-payoff, innovative research and development, including biological warfare defense, information security, precision strike and robotics.

Previously, Dr. Fernandez held the position of president and chairman of the board of directors for AETC Inc., which specializes in the use of advanced processing technologies to improve the detection and identification of underwater and underground hidden objects. He founded AETC in 1994. Prior to this position, he was president and chairman of Areté Associates, a Los Angeles-based applied research firm that he founded in 1976 and which has a national reputation in the area of advanced algorithm development.

From 2007 to 2009, Dr. Fernandez was chairman of the NRAC, a committee chartered by law to advise the Secretary of the Navy on critical R&D issues, and today he remains a NRAC member. He also was a member of the Department of Homeland Security Science and Technology Advisory Panel, reporting to the Undersecretary for Science and Technology.

Until his appointment at DARPA, Dr. Fernandez was a member of the Chief of Naval Operations (CNO) Executive Panel. In 2001, he was awarded the Distinguished Public Service Award by the Secretary of Defense.

Dr. Fernandez resides in Del Mar, California, with his wife, Carmen. They have two children.

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Distinguished Alumni Award Business and Finance

DWIGHT B. MASSEY '53



DWIGHT B. MASSEY HAS ENJOYED an incredibly successful 60-year career in all phases of financial market management and is currently Founding Partner Emeritus of Massey Quick & Co., LLC (MQ). He served as a trustee at Stevens for 13 years as well as serving on the Board and Executive Committee of Lasell College in Newton, Mass., where he chaired the investment com-

mittee for five years. Prior to entering the financial arena, he served as a lieutenant in the U.S. Navy's Civil Engineer Corps ("Seabees") during the Korean Conflict. Mr. Massey graduated from Stevens in 1953 with an M.E. degree.

Honored this evening for his outstanding achievements in his chosen field, Mr. Massey joined Massey Quick in 2004 with his son, Stewart, and Leslie Quick, co-founder of discount brokerage firm Quick & Reilly, Inc. With more than \$2.6 billion under management this year, the wealth management and consulting firm is described by financial publisher *Barron's* as one of America's top 100 independent financial advisers. Based in Morristown, N.J., Massey Quick — also recognized by the publications *Investment News* and *Financial Advisor* — brings a fiduciary focus to investment management for wealthy families, endowments and foundations.

After his Navy service, Mr. Massey, who earned his M.B.A. from New York University in 1962, began his ascent in the global marketplace by joining the Rionda Group, an Ameri-

can-based owner of Cuban sugar plantations. After the Castro regime expropriated Rionda properties, Rionda's American and Cuban executives were integrated into their New York firm to oversee the growth of the Florida sugar industry. Mr. Massey played a major role in converting Rionda Group into a world-class marketing firm, which served as merchant and broker to sugar-producing and consuming nations. His primary territories were the Domestic USA market, Western and Eastern Europe, the Middle East and Africa, Australia and Fiji and several other countries comprising the former British Commonwealth.

One of Wall Street's first leveraged buyouts was achieved when Mr. Massey and his partners purchased a successor to Rionda, restructuring the company and selling it to an Asian buyer. Mr. Massey later served as managing director of Rionda's European subsidiary for three years, and in the early 1980s, also served on the board of managers of the former New York Coffee, Sugar and Cocoa Exchange.

In 1986, after 30 years in the commodity markets, Mr. Massey purchased a minority interest in a money management concern based in Ridgewood, N.J. He led the firm to grow to more than \$300 million in assets under management.

In 1987, Mr. Massey established the Harold Massey '23 Scholarship for Stevens undergraduates in honor of his father, Harold Massey Sr., Class of 1923. He was later honored in 2001 by his son, Stewart, who endowed the Dwight B. Massey '53 Scholarship Fund also for Stevens undergraduate students.

Mr. Massey and his wife, Jo-Ann Vojir, were married in 1953, have two children, Stewart and Laura Magrath, and reside in New Jersey.

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Distinguished Alumni Award Engineering

JACK LIPINSKI '72



JACK LIPINSKI HAS MORE THAN 40 years of experience in the petroleum refining and nitrogen fertilizer industries and serves as president and chief executive officer of three publicly traded companies: CVR Energy Inc., an energy holding company; CVR Refining LP, a petroleum refining master limited partnership (MLP); and CVR Partners LP, a nitrogen fertilizer

MLP. Prior to the formation of CVR Energy, Mr. Lipinski served as chief executive officer and president of Coffeyville Resources LLC.

Honored this evening for his many outstanding accomplishments in the engineering field, Mr. Lipinski graduated from Stevens in 1972 with a bachelor of engineering degree. He holds three U.S. patents: one for an environmental control device and two related to wax hydrocracking.

Mr. Lipinski began his career with Texaco Inc. in 1972 and over the next 13 years held various technical and supervisory positions. In 1985, Mr. Lipinski joined The Coastal Corp., eventually serving as vice president of refining with overall responsibility for refining and petrochemical operations of the company, based in Houston, Texas. Upon the merger of Coastal with El Paso Corp., which owned North America's largest gas pipeline system, in 2001, Mr. Lipinski was promoted to executive vice president of Refining and Chemicals,

where he was responsible for all refining, petrochemical, nitrogen based chemical processing and lubricant operations, as well as the corporate engineering and construction group.

In 2002, Mr. Lipinski left El Paso and became an independent management consultant. In 2004, he became a managing director and partner of Prudentia Energy, an advisory and management firm he helped form.

In partnership with his management team and investment affiliates of Goldman Sachs and Kelso & Co., Mr. Lipinski acquired Coffeyville Resources LLC, a midcontinent petroleum refining and nitrogen fertilizer company, in 2005. Coffeyville Resources was the predecessor company to CVR Energy and its affiliates CVR Partners and CVR Refining.

He was a Licensed Professional Engineer in New Jersey, and a member of the bar in New Jersey and Pennsylvania, having been awarded a juris doctor degree by Rutgers University School of Law in 1988. He also was an independent management consultant serving clients worldwide.

Mr. Lipinski is a member of the American Institute of Chemical Engineers and Business Executives for National Security. He also serves on the executive committee of the American Fuel and Petrochemical Manufacturers Association, which is the petroleum refining and petrochemicals industry trade organization.

Mr. Lipinski and his wife, Patricia, have been married for 39 years and reside in Sugar Land, Texas. Their daughter, Tara, a New York City resident, was in 1998 the youngest (at age 15) to win the Olympic gold medal for the ladies' singles event in figure skating.

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International Achievement Award

SANG-BEOM HAN M.S. '85, PH.D. '91



A LEADING INFORMATION TECHnology expert with more than 30 years of experience in the semiconductor and display sectors, Dr. Sang-Beom Han is president and chief executive officer of LG Display. A company originally formed in 1999, LG Display is the world's largest LCD panel maker, with sales of \$25 billion, and is headquartered in Seoul, South Korea.

Honored this evening for his outstanding record as a principal in an international company that has achieved recognition in business and technology, Dr. Han, who earned a master of science degree in materials and metallurgical engineering from Stevens in 1985, also earned his doctorate in materials from the university in 1991.

Dr. Han has been credited with leading LG Display's information technology and TV business units to positions of worldwide prominence during his career with the company. As head of the IT unit in 2007, his team succeeded in developing the company's monitor and notebook PC panels into best-selling LCD products, advancing LG Display's position in the global market.

As head of the TV unit in 2010, Dr. Han achieved a similar accomplishment with the successful launch of FPR (Film Type Patterned Retarder) 3D technology and gaining a stronghold on the global TV LCD panel market.

Under Dr. Han's leadership, the company launched the world's first ultra high definition (UHD) LCD panels as well as 55-inch organic light-emitting diode (OLED) TV panels, successfully showcasing the company's technological prowess in the industry.

Before earning his advanced degrees from Stevens, Dr. Han earned a bachelor of science degree in ceramic engineering from Yonsei University.

Second Annual Stevens Awards Gala



Friend of Stevens Award RICHARD P. WIDDICOMBE



FOR MORE THAN 40 YEARS, FROM when he first joined Stevens in 1966 until his retirement in 2007, Richard P. Widdicombe deeply influenced generations of students and life at the university.

As the director of the S.C. Williams Library, he was a true pioneer, introducing ground-breaking technology that led to the Stevens library being recognized as among the

most innovative libraries in the country. As an early adopter, Mr. Widdicombe purchased the first CRT terminals, the first PC's and the first computer network on campus. He introduced the first academic library computer database searching on the East Coast and, beginning in 1985, helped to install an integrated, microcomputer-based library system. Under his leadership, the library switched to a "no journal" library concept in 1992. These creative ideas led to Stevens' recognition by the Council on Library and Information Resources as one of the top nine most innovative libraries in the U.S. in 1999.

His other contributions included revitalizing the Leonardo da Vinci Collection; constructing period rooms for the F.W. Taylor Collection on Scientific Management and the John Lieb da Vinci Collection; and the creation of the Mary Stuart Stevens Room of Family Antiques. He continued to contribute to Stevens from 2007 to 2010 as the Frederick Winslow Taylor Curator of Special Collections and has worked tirelessly to

preserve the university's rich history. Mr. Widdicombe has also contributed greatly to researching and promoting the Stevens family genealogy and was a key force in successfully implementing the first Stevens Family Reunion in 1980, followed by another reunion in 2012.

His support of the arts deeply enriched campus life. Mr. Widdicombe created a long-running concert series in the library's Great Hall as well as art shows and photo exhibits. He saw to the acquisition and installation of many important artworks on campus. He was also a fundraiser who helped to bring in the Taylor Endowment, the Tully and Baird Bequests and many other gifts.

But his most important contribution, and the one he is most proud of, has been as a mentor to students, introducing them to the arts, advising campus groups and supporting students in their personal development. He was a co-adviser with engineering professors on senior design projects and advised and participated in student campus groups such as the Ski Club, Hockey Club, Khoda, campus Rathskeller, and Delta Tau Delta fraternity. Since 1980, he has run the Stevens ski trips to Europe. He and his wife, Martha, welcomed thousands of alumni and their children to Pond House, the Widdicombe house on campus, and to their country house, at Big Moose Lake near Eagle Bay, N.Y.

Mr. Widdicombe, who graduated in 1963 from Alfred University with a bachelor's degree in English and music, earned his master's in library science degree from Syracuse University in 1964. He served as a trustee at Alfred University and on the boards of many non-profit organizations.

He and Martha reside in Utica, N.Y., and at Big Moose Lake.

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Charles V. Schaefer, Jr. Entrepreneur Award

ALBERT E. SISTO '71



WITH ALMOST 40 YEARS OF experience in the high-tech industry, Albert E. Sisto is founder and general partner at Sixth Bridge LP, an angel investment firm focusing on the security, Software-as-a-Service (SaaS) and the semiconductor industries, and an investment director of Tern, Plc., a publicly traded private equity firm targeting Cloud and mobile applications.

He is also a venture partner at Nauta Capital, an early stage venture capital firm with a focus on wireless/mobility, security/enterprise software and e-commerce/Internet; and a senior advisor for Centaur Partners, a merger and acquisition, private placement and transaction advisory firm based in Palo Alto, California.

Honored this evening as a highly successful entrepreneur, Mr. Sisto graduated from Stevens in 1971 with a bachelor of engineering degree. He has been a generous supporter of his alma mater since graduation.

At Sixth Bridge, he is a venture investor in Seal Software Solutions, a provider of contract analytics and GRC software; Validity Sensors, a fingerprint biometrics sensors company; and CertiVox, a provider of encryption software and key management.

At Tern, Plc., a newly founded AIM listed firm, he is an investment director with its initial investment in Flexiant, a provider of cloud orchestration software for managed service providers.

At Nauta Capital, an international firm with offices in Barcelona, Mr. Sisto is a venture investor in ilento, which spe-

cializes in big data and intelligence software; Agnitio, a developer of voice biometrics, authentication and identification solutions; Brandwatch, a leading social media listening company; BaseKit, a developer of automated web design tools and services; and GetApp, a marketplace for cloud apps for small businesses.

Mr. Sisto served as a founding director of Hifn and as its chairman and chief executive officer from 2006 until its merger with Exar Corp. in 2009 for \$63 million. During his leadership of Hifn, the company acquired Siafu Software, a provider of storage encryption and deduplication software.

Prior to this, he spent seven years as the president, chairman and chief executive officer of Phoenix Technology Ltd., a provider of platform-enabling software. The company spun-off in Silicon Corp., a provider of connectivity semiconductor intellectual property, through an initial public offering raising approximately \$42 million. Two years later, in Silicon was acquired by Synopsys for \$72.5 million.

From 1997 to 1999, he was chief operating officer of RSA Data Security Inc., where he led the company's equity investments in Trintech Group, a provider of secure electronic payment solutions, and nCipher, a developer of encryption hardware and software solutions.

Previously, he was chief executive officer of DocuMagix and president and chief executive officer of Barneyscan/Color Imaging Systems. Positions held prior to this included vice president of sales and marketing for MIPS Technologies, vice president of sales for Ingres and marketing manager of Intel's systems group.

Mr. Sisto founded the Jonathan Dean Sisto Scholarship Foundation in 2005, which was founded to honor his late son, Jonathan. It supports students by offering scholarships spread over their four years of university study.

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Stevens Honor Award

DAVID J. FARBER '56, M.S. '61, HON. D.ENG. '99



DAVID J. FARBER IS KNOWN AS the "Grandfather of the Internet"—for his graduate students who went on to be among the fathers of the Internet as well as for his own contributions.

Professor Farber was the Distinguished Career Professor of Computer Science and Public Policy at the School of Computer Science in Heinz College of Carnegie Mellon

University, prior to his retirement. He is now the adjunct professor of Internet Studies. He has had an extraordinary career in academia, having also worked with the University of Pennsylvania and the University of California at Irvine, and in industry, with Bell Labs and the Rand Corporation.

Honored this evening for his outstanding achievements in his field, which included major contributions to programming languages and computer networking, Professor Farber served on the U.S. Presidential Advisory Committee on Information Technology and was the FCC's chief technologist while on a one-year leave from UPenn. He also served on the Directorate for Computer, Information Science and Engineering Advisory Board of the National Science Foundation as well as the Computer Science and Telecommunications Board of the National Research Council.

Professor Farber graduated from Stevens with a M.E. degree focusing on electrical engineering in 1956 and a master's degree in mathematics in 1961. The university bestowed on him an honorary doctorate in engineering in 1999.

Following his graduation from Stevens in 1956, Professor Farber started an 11-year career at Bell Laboratories, where he helped design the first electronic switching system — the ESS —as well as co-designed the programming language SNOBOL. He later joined The Rand Corporation, Xerox Data Systems and Scientific Data Systems prior to joining academia.

In addition to his appointments at Carnegie Mellon, Professor Farber is a Distinguished Policy Fellow at the University of Delaware and is the Alfred Fitler Moore Emeritus Professor of Telecommunications at the University of Pennsylvania. While at UPenn, he was the director of the Distributed Systems Laboratory (DSL), where he managed leading edge research in Ultra High Speed Networking.

Around 1971, at UC Irvine, Professor Farber and several colleagues hit on the idea of the distributed computer system (DCS): multiple microcomputers running software and sharing data and software with one another remotely, using pioneering "token ring" technology — an early forerunner of present-day cloud computing. At Delaware, he and a multiuniversity team created CSNet and NSFNet, two networks that connected computer science and other university science departments nationwide. This effort, then called the NREN, formed the methodology and original physical backbone of the commercial Internet.

Professor Farber has consulted for major information technology firms including Intel, Samsung, NTT DoCoMo, HP, IBM, Rand and Citibank. Named by *Business Week* in 2002 as one of the top 25 leaders in e-commerce, he co-founded Caine, Farber & Gordon Inc. (CFG Inc.), which became one of the leading suppliers of software design methodology.

Professor Farber is a member of the Internet Society's Pioneers Circle of the Internet Hall of Fame, which recognizes

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Stevens Honor Award

DAVID J. FARBER

Continued from previous page

individuals who were instrumental in the early design and development of the Internet. He serves on the Markle Foundation Task Force on National Security, and on the Internet2 Research Advisory Board; is a member of the board of trustees of the Internet Society; and served for 10 years on the National Research Council's Computer Science and Telecommunications Board. He is also a Fellow of the Association for Computing Machinery (ACM) and a Fellow of the Institute of Electrical and Electronics Engineers (IEEE). Professor Farber was awarded the 1995 Sigcomm Award for

lifelong contributions to communications and Philadelphia's John Scott Award for Contributions to Humanity.

Professor Farber served as a charter trustee for Stevens and is now trustee emeritus. He established the David and GG Farber Endowed Chair in Computer Science at Stevens, as well as the David and GG Farber Societal Impact Prize and the Joseph Farber Memorial Prize, both for undergraduates at Stevens.

Professor Farber currently resides in the Philadelphia area.

Second Annual Stevens Awards Gala



You may be aware of some of the achievements of Stevens' students, alumni and faculty over our 144-year history. The invention of the T-rail, the discovery of the neutrino which led to the Nobel Prize, and the creation of the IMAP protocol that enables modern email are just a few examples of our wide-ranging heritage of innovation.

Today's Stevens is more focused, more collaborative and more driven than ever. We are on a fast track to becoming a premier, student-centric technological university with global impact. And tomorrow's Stevens promises to take the Innovation University® to even greater heights.

The opportunities this path presents enhance the value of a Stevens education further, as reflected in recognition by PayScale, U.S. News & World Report, The Princeton Review, the Eastern Collegiate Athletic Conference and the judges for the U.S. Department of Energy's Solar Decathlon.

Because today's Stevens student is remarkably smart, with more diverse interests than ever, Stevens' holistic approach to learning and problem solving provides an outstanding structure to foster achievement. Stevens challenges today's students in four schools of academic excellence: the Schaefer School of Engineering and Science; the School of Systems and Enterprises; the Howe School of Technology Management; and the College of Arts and Letters. Collaborative, cross-disciplinary learning is at our core, with curricula that feature a distinctive STEM and

humanities blend. Our expanded faculty and facilities inspire undergraduates and advanced-degree candidates to embrace some of the world's biggest challenges as well as micro-scale solutions that could change the game significantly for decades to come.

Just as many generations of Stevens alumni have made their marks with achievements, so will tomorrow's Stevens graduates inspire future generations. The university's ten-year strategic plan, *The Future. Ours to Create.*, outlines our road map toward creating a solutions-oriented, forward-looking and far-reaching institution with global impact.

Discover the Stevens of today. Be inspired by our focus on tomorrow.



FOR THE FUTURE I

Our ten-year strategic plan is built around five categories of opportunity. Using Stevens' deep-rooted technical expertise to advance the frontiers of education and research domains in areas of significant societal need, the university will focus on:

- 1 Healthcare and Medicine
- 2 Sustainable Energy
- **3 Financial Systems**
- 4 Defense and Security
- 5 **STEM Education**

For a preview of

tomorrow's innovations LOOK AT

The Center for Healthcare Innovation, launched in 2013, supports

Healthcare Horizons

faculty- and student-initiated research that addresses gaps and issues related to the advancement of biomedical technology, healthcare delivery, and biotechnology and drug discovery. Its collaborative, multidisciplinary approach is designed to yield creative and compelling advancements in the field.



Solar D, Times Three

Stevens has been selected for the third consecutive time to compete in the U.S. Department of Energy's prestigious Solar Decathlon. In 2013, Stevens' net-zero energy smart house, "Ecohabit," took second place in the United States and fourth globally. In 2011, Stevens' entry "Empowerhouse" tied for first place in two categories: affordability and hot water.



Financial Technology

The Stevens Financial Systems Center and Hanlon Financial Systems Lab provide a platform for financial systems hardware and software research, including the development, testing and evaluation of applications for financial networks and the investigation of cybersecurity challenges in the financial domain. It serves as a teaching and training venue for students, faculty and industry.







STEM Education

Stevens ranks 7th in the nation – ahead of Carnegie Mellon, Stanford and Princeton in percentage of science, technology, engineering and mathematics (STEM) degrees awarded. STEM fields are the highest-paid in industry, and critical to America's competitive global and security standing.



The cross-disciplinary Center for Complex Systems and Enterprises enables deep understanding of complexity and creates innovative approaches to the management of intricate, multifaceted challenges. Its research is focused on four key domains: healthcare delivery, financial systems, sustainable energy and national security.



SOLIARE FEET OF THE NEW ACADEMIC GATEWAY COMPLEX, PROJECTED TO OPEN IN 2017 WITH FACILITIES FOCUSED ON HEALTHCARE AND MEDICINE; SUSTAINABLE ENERGY; DESIGN AND MANUFACTURING TECHNOLOGIES; AND STEM

STUDENT-FACULTY RATIO

AVERAGE STARTING SALARY CLASS OF 2013. 94% HAD SECURED JOBS OR ENROLLED IN GRADUATE SCHOOL WITHIN SIX MONTHS OF GRADUATION.

PAYSCALE NATIONAL RANKING FOR ROI FOR STUDENTS.

PAYSCALE NATIONAL RANKING FOR MID-CAREER SALARY OF GRADUATES.

STEVENS TODAY



Where Arts Meet Sciences

The importance of the humanities, social sciences and the arts is central to the mission of Stevens and the creation of tomorrow's leaders. Our College of Arts and Letters weaves the traditional goals of the liberal arts into our University-wide emphasis on the societal impact of science and technology. The result is a community with a holistic perspective on innovative problem-solving.

Research and Patents

Adding to our extensive patent portfolio, Stevens researchers have recently secured patents for innovations that will improve outcomes of spinal surgery patients; perform mass spectrometry in ambient conditions; advance the treatment of HIV/AIDS; and improve transmission of high-bandwidth data communications networks.

From Ideas to Realities

Stevens' Office of Innovation and Entrepreneurship helps partners with diverse backgrounds combine their expertise in ways that lead to successful technology transfer ventures. Its goal is to achieve global recognition of Stevens as a premier technological institute of academic entrepreneurs while supporting students and faculty along the pathways from innovation to the marketplace.



The Innovation Expo

This annual showcase presents the significant and extensive research and innovation accomplishments of Stevens students and faculty. It is an opportunity for the Stevens community to share technical knowledge with the world, vie for prizes, network, and meet distinguished guests from industry and academia. Sponsorships are available.

Government Partnerships: National Centers of Excellence

Systems Engineering — a U.S. Department of Defense network of 20 prominent research institutions and more than 200 researchers led by Stevens' School of Systems & Enterprises. In 2013, the Systems Engineering Research Center received a \$60 million, five-year renewal from the DoD.

Maritime Security — Stevens' Center for Secure and Resilient Maritime Commerce is the nation's leading port security research and education center, dedicated to developing new tools and technologies to safeguard the nation's maritime domain, inland waterways and coastal borders.

Small Ship Design — The Atlantic Center for the Innovative Design and Control of Small Ships at Stevens works to integrate engineering disciplines associated with shipbuilding in response to future objectives of the U.S. Navy.



3.76

AVERAGE GPA FOR THOSE ADMITTED TO THE CLASS OF 2016. THEIR SATS RANGED FROM 1220-1380. NUMBER OF YEARS IT TOOK TO COMPLETE THE UNIVERSITY'S 3-YEAR PHILANTHROPY INITIATIVE. (THANKS, ALUMNI AND FRIENDS!) NUMBER OF MAJORS OFFERED FOR BACHELOR'S, MASTER'S AND DOCTORAL PROGRAMS, RESPEC-TIVELY. STEVENS OFFERS THESE DEGREES: B.E., B.S., B.A., ENGINEER, M.S., M.A., M.B.A., M.ENG., PH.D. To discover much more, please visit **WWW.stevens.edu**

INNOVATION IS THE PRODUCT OF FORESIGHT AND INSPIRATION



Forward thinking has led Stevens to an enviable position in today's technology-driven world. Our campus location places us minutes away from the nexus of global leadership in finance, business, energy, sustainability, defense, security and health-care. And our passion for innovation has paid dividends to Stevens and our students for decades.

Stevens students and faculty collaborate with many of the finest technology-focused organizations in the United States.

Together we research and implement solutions with global value and impact.

Just a few of our partners and sponsors

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Stevens students learn to navigate from challenge to opportunity, and from idea to solution. That's how innovative leaders are made.

JOIN STEVENS IN ADVANCING INNOVATION



As a corporate or foundation sponsor — your opportunities across the Stevens campus take many forms. We help companies and organizations develop comprehensive long-term and mutually beneficial partnerships.



As an alumna or alumnus — from annual giving to major infrastructure projects, from volunteerism to internship or co-op sponsorship — your engagement and participation is valued and appreciated by the entire Stevens community.



As a student — your investment in your future produces long-term benefits by preparing you for an ever-changing world where students of technology and innovation lead the way.



Stevens welcomes your partnership in advancing the frontiers of science and innovation.

Please explore **www.stevens.edu** and contact us at 201-216-5241 to learn how your ideas and support can help fulfill our goal of becoming a premier, student-centric, technological university.







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We are proud to support the Stevens Institute of Technology in congratulating this year's awards recipients.



To All My Wonderful Stevens Friends,

My Sincerest Thank you for a Day of Unexpected Honor I Will Never Forget.

Joe Schneider 46

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CONGRATULATIONS

TO

TONIGHT'S AWARD RECIPIENTS

AND

THANK YOU FOR YOUR

SERVICE TO STEVENS.

JOHN A. SCHEPISI CLASS OF '65

SCHEPISI & McLAUGHLIN, P.A.
Attorneys-At-Law

As the Class of 1964 celebrates its 50th Reunion,

Congratulations to our accomplished

STEVENS AWARD RECIPIENTS

for the year 2014!

Penny & Joe Weber '64 Awards Chair 2013



The Korean Stevens Alumni Association (KSAA) always welcomes you.

There are more than 150 alumni members in Korea working in various fields including semiconductors, displays, communications, shipbuilding, and chemicals, among others.

If you have a chance to visit Korea, please let us know how we may help you.

Taeho Shin: 010-8882-6302 (taehoshin@naver.com) or Sang Ro Lee (srlee@sepinc.co.kr)

Advancing Higher Education Through Insight & Innovation http://www.maguireassoc.com/

Maguire Associates congratulates all of this year's awards recipients!

MAGUIRE ASSOCIATES

Congratulations to this year's honorees!

- COLANDREA FAMILY



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Paul Nyfenger and the staff of GT Marketing, LTD. congratulate all of the distinguished award recipients.



www.gtmarketingltd.com

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51 Railroad Avenue Closter, New Jersey 07624



Congratulations Dwight!

From your partners and colleagues at Massey Quick.



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To our Dad and Grandpa,

Congratulations, we are so proud of you!

The Massey's and the Magrath's

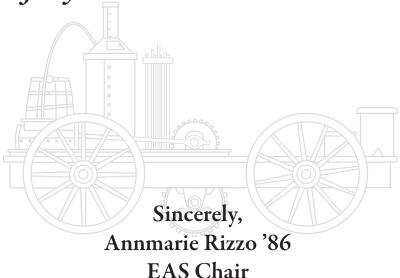


Congratulations "Uncle Al"

for the Charles V. Schaefer, Entrepreneur Award and all of this year's award recipients!

The Perruzzi Family Charlie, Shelia, CJ, Sean and Alex

Congratulations to all 2014 Honorees! Thank you for your contributions to the University.



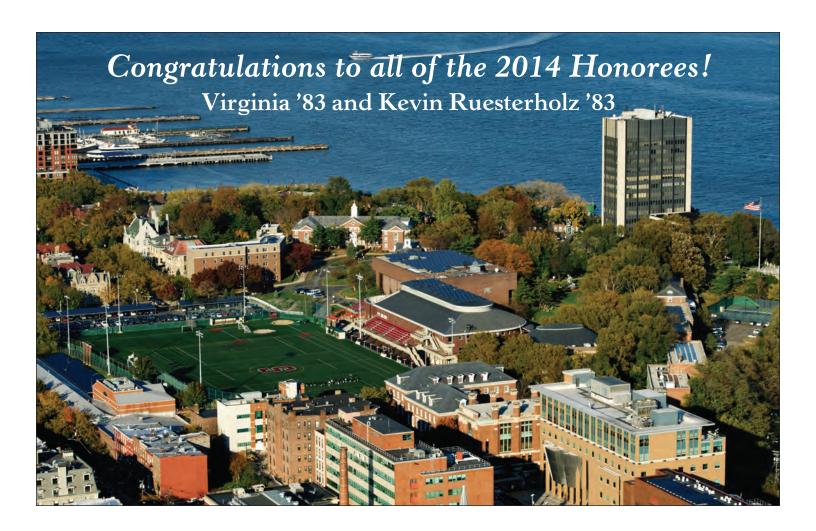
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With tremendous admiration and respect,
We applaud Dr. Nariman Farvardin,
Stevens' amazing faculty and staff
And each of the distinguished recipients of the
2014 Stevens Awards

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CONGRATULATIONS to JOE SCHNEIDER '46 and BOB BOSSE '50

for winning this year's Lifetime Service Awards!

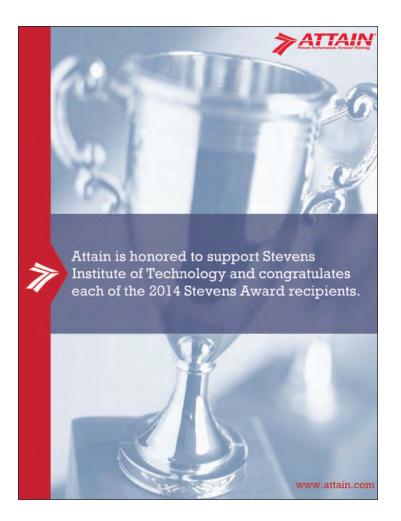
Thank you for all that you have done for Stevens.

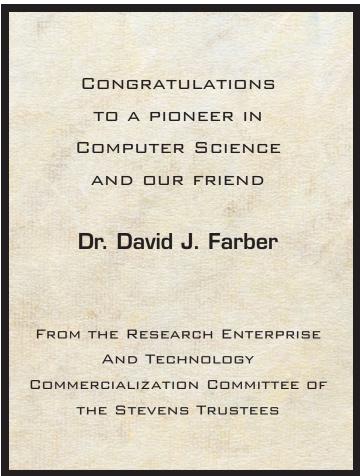
Paula and Ed Eichhorn '69



Sean ('80) and Cathy Hanlon Congratulate All the Award Winners

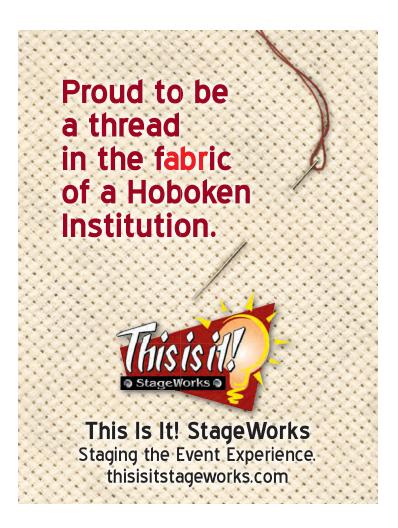


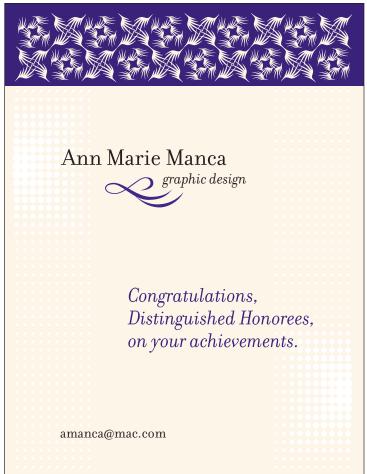












Richard, no one is more deserving of this award. Thank you for being there for us throughout the years!!







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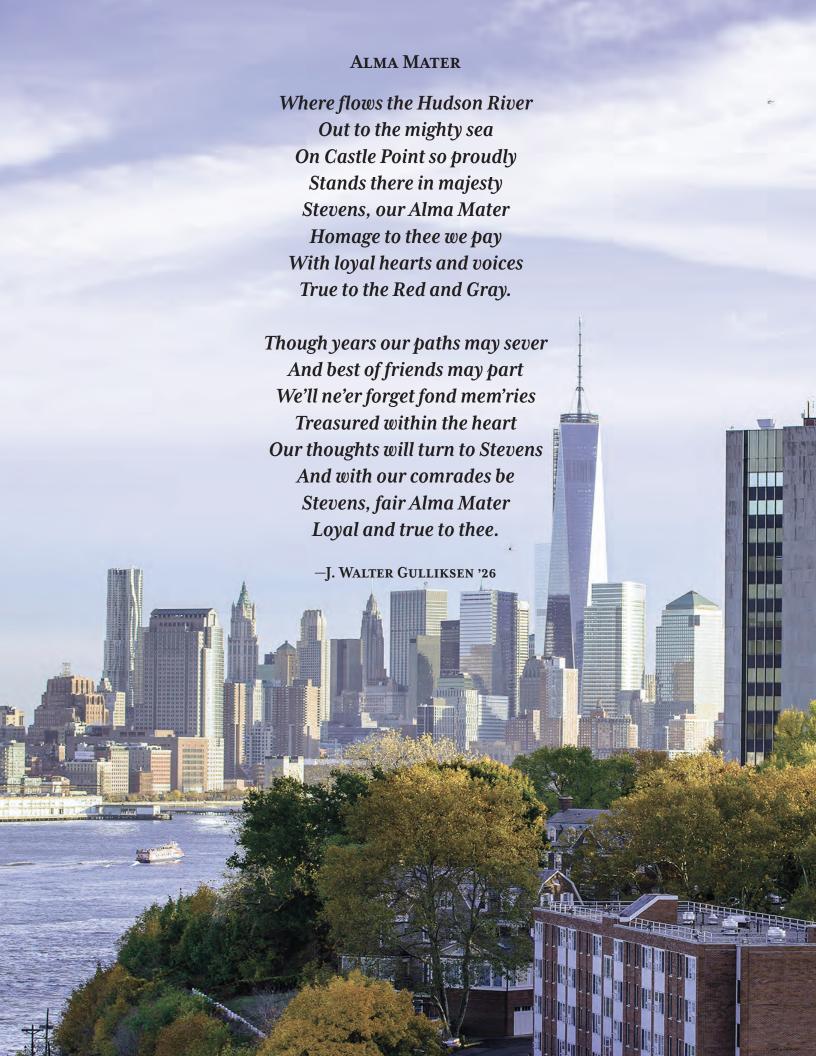
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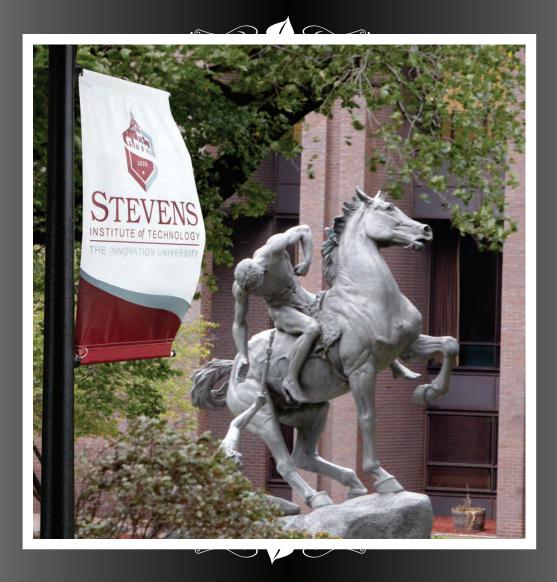
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3RD ANNUAL STEVENS AWARDS GALA

March 28, 2015





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