

CELEBRATING AN EXTRAORDINARY ALUMNUS AND COLLEGE

Two decades ago, a special venture in academic achievement and social engagement was launched with the opening of Albert Dorman Honors College. On Nov. 13, 2015, NJIT commemorated both the 20th anniversary of the college – the latest in a yearlong series of events – and the exceptional alumnus for whom the Honors College was named at Celebration 2015, the university's annual black-tie fundraiser held at The Pleasantdale Chateau in West Orange.



From left: NJIT President Emeritus Saul Fenster; Albert A. Dorman '45, '99 HON, recipient of the 2015 President's Medal for Lifetime Achievement; and NJIT President Joel S. Bloom. Photos: GradImages

Since 1995, many of NJIT's most generous supporters have gathered annually for Celebration, which has raised more than \$5.5 million in scholarship endowment funds for students. New Jersey's own Southside Johnny and The Asbury Jukes provided the evening's entertainment.

The event was chaired by Richard Schatzberg, the chief commercial officer of NEST Technologies, Inc. who is a 1993 graduate of NJIT

and serves on the Albert Dorman Honors College Board of Visitors. Schatzberg thanked those in attendance for their ongoing commitment to the future of the promising young individuals who attend NJIT.

"For 21 years now, Celebration has made a clear statement about the exceptional concern that numerous individuals and organizations have for the highly talented, high-achieving young men and women who choose to pursue their educational



aspirations at NJIT," Schatzberg said.

"The generosity of those who have gathered for Celebration over the years has made it possible for these outstanding students to work toward their goals undeterred by financial barriers that are becoming increasingly difficult to overcome."

A 1945 graduate of Newark College of Engineering, Albert A. Dorman has maintained a strong and supportive bond with his alma mater over the years and has noted that his success was rooted in his Newark College of Engineering (NCE) education. In accepting the 2015 President's Medal for Lifetime Achievement, he thanked NJIT President Joel S. Bloom, "who is literally transforming NJIT into an internationally renowned research institution," as well as "the extraordinary young people who have fulfilled the college's purpose by transforming the world."



PAYING IT FORWARD

One of those extraordinary young people is Anna Jezewska '16, a mathematics major with a concentration in mathematics of finance and actuarial science and an Albert Dorman Honors College Scholar, who was the student speaker. Jezewska and her family immigrated to the United States from Poland when she was a preschooler. A longtime resident of Wallington, she is the middle of three children and her older sister, Martyna, graduated from NJIT as an Honors Scholar in 2014 with a degree in chemical engineering. Jezewska currently serves as the president of NJIT's Actuarial Society, the co-editor in chief of the Honors Newsletter and as an Honors ambassador, helping to spread the news of Honors students' accomplishments to the NJIT community and prospective students.

A recipient of the NJIT Faculty and Honors Scholarships, the Schering-Plough Scholarship and the Board of Trustees Scholarship, Jezewska said that NJIT's "incredibly generous" financial assistance has significantly defrayed the cost of attending college, allowing her to focus on her studies and active engagement in the NJIT community. In keeping with the tradition of giving back established by Dorman, she announced a surprise donation of \$4,000 collected over the past four weeks from current Honors College students which she described as a "symbolic commitment to the future of the Honors College."

"Your belief in us keeps us driving forward," Jezewska said. "I hope to take an active role in making someone else's dreams a reality."

PASSING THE TORCH

Dorman is founding chairman and chief executive officer of AECOM, one of the Forbes top 100 largest public U.S. corporations and a leading provider of program management and diversified technical and professional services. He earned a B.S. in mechanical engineering from NJIT in 1945, graduating at the top of his class, followed in 1962 by an M.S. in civil engineering from the University of Southern California and an honorary doctorate of science from NJIT in 1999. His outstanding contributions to architecture and civil engineering have been duly recognized by his peers. He was elected to the National Academy of Engineering, and is an Honorary Member of the American Society of Civil Engineers (ASCE), as well as a Fellow of the American Institute of Architects (FAIA) — the only individual ever to have simultaneously achieved this dual distinction. In 2000, Dorman received the ASCE's inaugural OPAL Award for Outstanding Lifetime Achievement in Leadership.

He has described his momentous experience as an Olympic torch bearer on its journey through Los Angeles for the 1984 Olympic Games as symbolic of his effort to pass the torch to the next generation. Over the years, Dorman gained very significant

insights into the educational and social foundation that young men and women will need if they are to aspire to the same level of accomplishment as his own, and to surpass it — not only for personal fulfillment but for the benefit of people everywhere. In addition to the Honors College Passing the Torch Mentor Program, which provides every first-year Honors student an opportunity to be assigned an upper-class Honors peer mentor, the college hosts the annual Board of Visitors Roundtable during which honors students meet with members of the College's Board of Visitors — representing business, industry and academia — for conversations about careers.

One of the Honors College Scholars who attended the Roundtable Nov. 13 was Ryan Merluza '16. Merluza, who was seated with representatives of AECOM at Celebration, is a U.S. Navy veteran whose sister Johanna received a B.S. in mechanical engineering in 2012. After receiving his B.S. in mechanical engineering technology in May 2016, he plans to pursue a career in sustainable design or renewable energy. He said that he appreciated NJIT's smaller class sizes as well as the accessibility to faculty members.

"This has been a positive experience in terms of my personal growth," he said. ■

WHAT'S NEXT FOR NJIT

In what has become the largest philanthropic fundraising effort in university history, the NJIT NEXT comprehensive campaign surpassed its \$150 million goal by raising \$160,808,622 or 102 percent as of February 15, 2015 — two years ahead of schedule. This achievement solidifies a transformation of the NJIT campus that has received national attention.

"The NJIT NEXT campaign has been a keystone in a decade of significant growth and development. The tremendous success of this campaign sustains and advances the University's leadership in education, research and economic development," said President Joel S. Bloom. "These historic gifts show strong belief in our students, faculty, programs and community, while providing them with the necessary tools to help solve some of the world's difficult problems. Our donors understand that we are preparing for what is NEXT in a technology-based economy."

The campaign, which raised \$9,006,727 in private funds in FY2015 alone, supports NJIT's transformation and provides a solid foundation for *2020 Vision: A Strategic Plan for NJIT*.

Since the campaign's launch, NJIT's endowed funds surpassed \$100 million. Some 125 new student scholarships have been established, providing opportunities that attract the brightest students to the university.

"We are deeply grateful for the engagement of our alumni, the commitment of our donors and the tireless efforts of campaign volunteers and staff," said Charles R. Dees, Jr., president and chief operating officer of the NJIT Foundation and senior vice president for university advancement. "This support has helped NJIT become the first choice for so many high-achieving students and faculty superstars, all of whom contribute to the vitality of this campus."

For more information or to make a donation, contact the NJIT NEXT Campaign Office at 973-596-3429 or campaignoffice@njit.edu. ■



* These grants are for initiatives and programs throughout the university that are consistent with the goals and funding priorities of the NJIT NEXT Campaign.

NJIT's mission "is to educate technologists to impact society in a positive way."

— Vincent DeCaprio '72

FACILITATING INTERDISCIPLINARY COLLABORATION

Julian Goldman, M.D., the medical director of biomedical engineering for Partners HealthCare, an anesthesiologist at Massachusetts General Hospital and the director of the multi-institutional Program on Medical Device Interoperability, was the keynote speaker for the inaugural President's Forum, a featured event in the Albert Dorman Honors College Colloquium Series. Dr. Goldman's talk focused on major initiatives, including technology development, in two key areas: Life Sciences and Engineering and Data Science and Technology.



Vincent DeCaprio '72, co-vice chair of the Board of Trustees and a supporter of the new President's Forum series

Goldman's talk was a fitting debut for the President's Forum, described by Vincent DeCaprio '72, co-vice chair of the Board of Trustees and a supporter of the lecture series, as focused not just on technology itself, "but on how the world is affected by technology."

NJIT's mission "is to educate technologists to impact society in a positive way," said DeCaprio, a prominent biomedical engineer himself, who called his alma mater a hub for global dialogue and collaboration that enriches the curriculum.

In the second part of the forum and showcase, new faculty members presented their work in research areas ranging from next-generation construction materials,

to the use of artificial intelligence in robotic manufacturing, to the impact of human interactions and relationships in accounting practices. The 18 new faculty members and 20 research teams recently funded by NJIT faculty seed grants — many of them interdisciplinary collaborations between fields as diverse as architecture and computer science — presented their research on posters displayed throughout the Gallery.

The research showcase gives the wider NJIT community — students, faculty, alumni, external partners from academia and industry and friends of the university — a window on the pioneering, applications-focused scholarship taking place on campus, as well as the opportunity to form new research partnerships and generate new ideas. New faculty, who number nearly 70 over the past four years, and NJIT-funded interdisciplinary projects are key components of the university's far-reaching plan to make substantial contributions to society in areas ranging from neuroscience, to intelligent computing, to advanced manufacturing, to space weather. ■

A GROUNDBREAKING SEASON

This past fall, NJIT broke ground on two new facilities that are part of a \$300 million campuswide capital building program that is transforming research, teaching and campus life.



On Oct. 1, the NJIT community celebrated the groundbreaking of the Life Sciences and Engineering Building, a \$19 million state-of-the-art research facility designed to foster interdisciplinary collaboration in fields ranging from biomedical engineering and the biological sciences to electrical engineering and health care technologies. Slated for completion in 2016, the four-story Life Sciences and Engineering Building will house 24,500 sq. ft. of new wet and dry laboratories, offices and collaborative spaces that are connected at each level to the adjoining Otto H. York Center for Environmental Engineering and Science. About \$13.5 million of the cost was funded by the State of New

Jersey Higher Education Capital Facilities Grant Programs.

On November 12, more than 300 individuals witnessed the groundbreaking of the Wellness and Events Center (WEC), a \$102 million building that is the centerpiece of the university's campaign to revamp the campus. Once completed in the fall of 2017, the 200,000-square-foot building will be equal parts a fitness center, a study space, a gathering spot and a sports arena that will double as a conference and events center. WEC will offer students a place to stay fit; athletes a place to practice and play games; and the university a place to host on-campus events and professional conferences.



“The new \$50 million will support financial aid for students, new faculty, as well as research and academic centers. NJIT is better than ever and this will allow us to push the bar even higher.”

— Steve Cordes '72

“In its design and function, WEC is an iconic building that will serve the university and the community well for many years,” said NJIT President Joel S. Bloom. “It’s the game changer in our capital campaign to revitalize our campus.”

During the ceremony, NJIT also announced the extension of the NJIT NEXT Campaign, the goal of which is to raise an additional \$50 million. Steve Cordes '72, vice chair of the NJIT Board of Trustees, said the university already raised \$150 million.

“So let’s keep it going,” said Cordes, who co-chairs the NJIT NEXT campaign. “The new \$50 million will support financial aid for students, new faculty, as well as research and academic centers. NJIT is better than ever and this will allow us to push the bar even higher.”

The new leaders of the campaign leadership committee were formally announced by President Bloom. They include: Henry Dobbelaar '66, '68; Barbara Littman '94; Steve Kalafer, a member of NJIT’s Board of Overseers; Cynthia Pruett '55; and J. Malcolm Simon; former director of Physical Education and Athletics.

Senator Paul Sarlo '92 '95, the deputy majority leader for New Jersey, was the keynote speaker. In his remarks, he praised Bloom for being an effective advocate for both NJIT and for higher education in the state and said he owes much to his alma mater.

“I’m the CEO of a large construction company; I’m the deputy majority leader and I chair an appropriations committee,” said Sarlo. “I’ve truly been blessed. And all of the success I’ve had in life I owe to what I learned at NJIT. I’m proud to be a part of NJIT.” ■



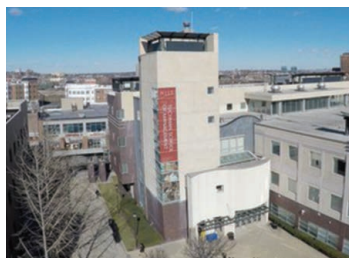
Life Science and Engineering Building Groundbreaking. Photo: Scott Jones Photography



Wellness and Events Center Groundbreaking. Photo: Larry Levanti Photography

SCHOOL OF MANAGEMENT OFFICIALLY RENAMED FOR MARTIN TUCHMAN '62

For the first time in the school's 27-year history, NJIT's School of Management now bears a formal name — Martin Tuchman School of Management. The official naming ceremony and colloquium in honor of distinguished alumnus, philanthropist and entrepreneur Martin Tuchman '62 was held March 3, 2016, in the Campus Center Atrium and was attended by more than 300 members of the NJIT community, including President Emeritus Saul K. Fenster.



Reggie J. Caudill, dean of the Martin Tuchman School of Management, provided welcoming remarks in which he described how the university is actively engaged in transforming its business focus with technology and mentoring the next generation of innovators.

"Martin Tuchman exemplifies what the School of Management is all about: Business with the power of STEM," said Caudill. "We're honored to be the Martin Tuchman School of Management."

Caudill introduced NJIT President Joel S. Bloom, who underscored the university's impact on the economy of the state, region and world, its growth trajectory, and its emphasis on educating students in the STEM fields who receive multiple job offers upon graduation.

"How fortunate we are that STEM is in the lexicon," he said. "Martin Tuchman exemplifies the power of STEM. He is the quintessential alumnus of NJIT."

A video tribute, unveiling of a dedication plaque and remarks from Martin Tuchman followed. Tuchman recalled that when he graduated with his bachelor's in mechanical engineering from Newark College of Engineering, he did not realize that one of his first management projects would "call upon all that he learned in school," thus attesting to the importance of management education.

"Each set of management courses allowed me to see the essential connection between engineering and management," said Tuchman, who will be mentoring students on campus. "I want to thank you for this honor."

Fadi P. Deek '84, '86, '97, provost and senior executive vice president, introduced keynote speaker David McQueeney, vice president of corporate technology and community at IBM. McQueeney, who has held leadership roles at IBM at home and abroad, explained the public's fascination with human-machine interactions. Citing popular IBM projects, including Deep Blue and Watson, he noted that the science behind those projects has real-world impact on advancing social systems, including medicine, technology, transportation and others. Ultimately, he concluded, computers "augment" not replace, human experts and the "union" creates better outcomes.

A luncheon for invited guests followed, with a welcome by Martin Tuchman School of Management Board of Advisors Chair Raymond



From left: Fadi P. Deek '84, '86, '97, provost and senior executive vice president; Joel S. Bloom, president of NJIT; Martin Tuchman '62; and Reggie J. Caudill, dean, Martin Tuchman School of Management. Photo: Larry Levanti

Cassetta '70, who introduced speakers Fadi P. Deek and Emmanuel Tselentakis, a senior guard for the NJIT men's basketball team. Tselentakis, who is a student in NJIT's Martin Tuchman School of Management, credited the school with giving him the opportunity to develop his work ethic as well as the personal qualities of leadership, integrity, resilience, teamwork and loyalty.

"All of my experiences here as a student-athlete with my professors, advisors and coaches have allowed me to expand my technical knowledge; to mature in character, prepare for life and pursue the virtue which will contribute to the legacy of NJIT," Tselentakis said. "I am proud to be a member of such an astounding family here at NJIT's Martin Tuchman School of Management and from the bottom of my heart I would like to thank you for all your hard work, commitment, your time and your patience."

Steve Adubato, anchor at Thirteen/WNET (PBS) and author of *Lessons in Leadership*, served as moderator for "A New Era of Business with the Power of STEM," which covered topics including strengths of interdisciplinary/diverse teams and needed qualities in the new business era, such as emotional intelligence, collaboration, active listening and strong communication skills. Colloquium panelists included Tony Crincoli '86, executive director and head of global engineering services, Bristol-Myers Squibb; Bill Quinn, retired vice president, Johnson & Johnson; Misha Riveros, former general manager, GE Plastics, Latin America; AJ Sutera, executive vice president and chief information and technology officer, The FinishLine; and Kevin Uckert, partner, Northeast market sales leader, Mercer. The day's events concluded with a reception and faculty/student research and innovation showcase.

Tuchman started his career as an automotive engineer at Railway Express Agency, where he and a team developed the current standard for intermodal containers and chassis still used today. In 1968, he co-founded Interpool, one of the nation's leading container leasing corporations, and in 1987, just a year before NJIT's School of Management was founded, he formed Trac Lease and developed it into the largest chassis leasing company in the United States.

Today, Tuchman is the chief executive officer of Kingstone Capital V, an investment firm with holdings in real estate, banking and international shipping. He also serves as chairman of The Tuchman Foundation, an umbrella company for the Tuchman Foundation and Parkinson's Alliance, which works closely with Parkinson's research organizations that seek grants and approval from the National Institutes of Health.

A distinguished alumnus who has served and supported NJIT throughout the years, Tuchman was the recipient of the Alumni of the Year Award (1996), served as a member of the NJIT Board of Trustees (1996-2002) and is currently a member of the NJIT Board of Overseers. He shares his passion for business and technology with the faculty and students of the newly named Martin Tuchman School of Management. ■

Make a decision
today that will create
a better tomorrow.



R. Cynthia Pruett '55 had originally planned to go to MIT, but it wasn't admitting women in the 1950s. However, an excellent institute of technology closer to home was — and in gratitude the retired engineer has established a scholarship, created a charitable gift annuity,

and included New Jersey Institute of Technology in her will.

"My estate will mostly go to charity — and my education piece will go to NJIT," Cynthia said.

Become a lifelong **1881 Society member** by including NJIT in your will.

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**"I feel I need to give back something
because I got such a great education."**

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To learn more, visit njit.edu/giving or contact Monique Moore Pryor, Esq., assistant vice president of planned giving, at 973-596-8548 or mpryor@njit.edu.

