

Vaughn

COLLEGE MAGAZINE

SPRING 2018

LAND
DREAM
JOB

HEAD OFF TO
GRAD SCHOOL

GRADUATE!



APPLY TO GRADUATE SCHOOL

SCHEDULE JOB INTERVIEWS

ATTEND
JOB FAIRS

SECURE
INTERNSHIP

EXPLORE
NYC



ATTEND CONFERENCES
AND HOST COMPETITIONS

DEVELOP RÉSUMÉ WITH
CAREER SERVICES

STUDY, STUDY, STUDY

JOIN
STUDENT CLUBS

TRACK
DOWN
CLASSES

MAKE
FRIENDS

CHECK OUT
LIBRARY

FIND CAFETERIA AND BATHROOMS



MEET
ADVISER

MOVE IN!

ATTEND
ORIENTATION

ADMISSION WITH
SCHOLARSHIP

Vaughn College

START HERE!

THE ROAD TO SUCCESS
AT VAUGHN

BECOME
VICE PRESIDENT
OF YOUR
PROFESSIONAL
CLUB

MAKE DEAN'S LIST AND
ATTEND HONORS CEREMONY

ORDER
PIZZA

ENROLL IN
LEADERSHIP ACADEMY

ATTEND
SPORTING
EVENTS

THE ROAD TO SUCCESS STARTS HERE

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Vaughn's Tower Turns 20


SOCIAL MEDIA


Join the Vaughn College communities on Facebook, Twitter, YouTube, Instagram and LinkedIn:

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 youtube.com/VaughnCollegeTV

 [@VaughnCollege](https://www.instagram.com/VaughnCollege)

 linkedin.com/company/vaughncollege

ACCEPTED STUDENTS DAY: Vaughn College welcomed recently accepted, and transfer students to the Vaughn community with campus tours and academic information sessions followed by an Afrikulture food and music festival.

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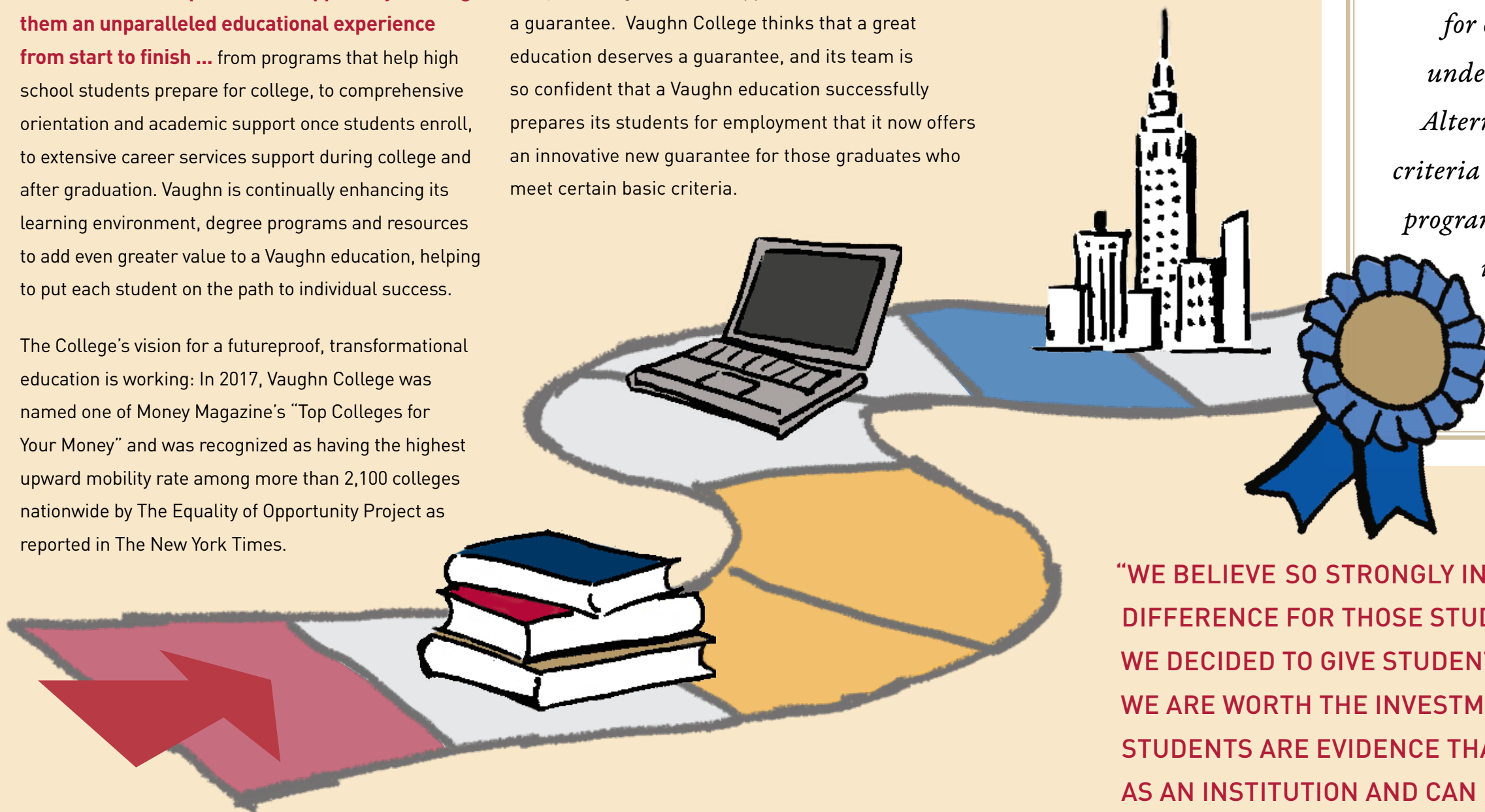
SUCCESS STARTS HERE

NOW WITH A GUARANTEE!

A Vaughn College education is designed to make its students futureproof. This happens by offering them an unparalleled educational experience from start to finish ... from programs that help high school students prepare for college, to comprehensive orientation and academic support once students enroll, to extensive career services support during college and after graduation. Vaughn is continually enhancing its learning environment, degree programs and resources to add even greater value to a Vaughn education, helping to put each student on the path to individual success.

The College's vision for a futureproof, transformational education is working: In 2017, Vaughn College was named one of Money Magazine's "Top Colleges for Your Money" and was recognized as having the highest upward mobility rate among more than 2,100 colleges nationwide by The Equality of Opportunity Project as reported in The New York Times.

But as everyone knows, the game of life holds many challenges, and few opportunities come with a guarantee. Vaughn College thinks that a great education deserves a guarantee, and its team is so confident that a Vaughn education successfully prepares its students for employment that it now offers an innovative new guarantee for those graduates who meet certain basic criteria.



GUARANTEE

If an eligible student is conducting an active job search and is not employed in their field of study one year after graduating, Vaughn College will provide reimbursement for one year of the graduate's federal undergraduate student loan payments. Alternately, if a graduate who meets the criteria would prefer to enroll in the master's program at Vaughn, they can do so without incurring charges for one year in lieu of receiving loan payments.

"WE BELIEVE SO STRONGLY IN VAUGHN'S ABILITY TO MAKE A DIFFERENCE FOR THOSE STUDENTS WHO ATTEND FULL TIME THAT WE DECIDED TO GIVE STUDENTS AND FAMILIES AN ASSURANCE THAT WE ARE WORTH THE INVESTMENT. THE OUTCOMES WE PRODUCE FOR STUDENTS ARE EVIDENCE THAT WE ARE LIVING OUT OUR MISSION AS AN INSTITUTION AND CAN MAKE THIS OFFER KNOWING THAT WE CHANGE LIVES." — Vaughn President Dr. Sharon B. DeVivo

GUARANTEE ELIGIBILITY CRITERIA

- > Remain enrolled full time at Vaughn College continuously (two years for those enrolled in the Aviation Training Institute; 4.5 years for any academic programs)
- > Have a minimum grade point average of 2.5
- > Successfully complete CD101 Career Development Seminar
- > Meet with Career Services at least once a year during sophomore and junior years of study, four times during the last year of study, and two times during your job search (academic programs)
- > Meet with Career Services at least once a semester, beginning your second semester of study through the completion of the program, and two times during your job search (Aviation Training Institute program)



THE PATH TO SUCCESS—BEGINNING THE RIGHT WAY

Vaughn starts students on the right path from their first step on campus. Students are supported by some of the most comprehensive support services, starting with individual meetings with their personal academic advisers to an immersive orientation where the offices of student affairs and admissions lead the sessions, providing introductions to faculty and staff from all departments with which students will interact over the course of their education.

As they move through their academic career, students can then take advantage of Vaughn College's Career Services Department, which employs a variety of tools to assist students and alumni in their development as professionals. The department meets one-on-one to provide career information and industry knowledge on a continuous basis, helping edit and review resumes and offering guidance throughout the job and internship search process. It implements weekly workshops on resume writing, interviewing skills and job fair etiquette. Career services organizes internship and job fairs in the fall and spring, each with more than 70 companies.

Vaughn has also made significant investments in growing the number of internship opportunities for students because that is often the pathway to full-time employment. Sean Manning, internship coordinator, is tasked with helping students find that all-important first experience in their field.

"I encourage our students to always be active in finding potential internship opportunities before graduating," said Manning. "It is crucial for successful postgraduate preparation."

Vaughn's office of career services also hosts graduate school fairs, the most recent one in March. "The graduate school fair is a great way for students to meet and get information from counselors on education opportunities beyond their undergraduate degree. This year was one of the most successful," said Philip Meade, executive director of career services.

As students move toward graduation, they can also take advantage of Vaughn Career Connect, a private job board website where students and alumni can post resumes and apply for positions. Employers registered on the site can post jobs as well as search and review student and alumni résumés for potential candidates for open positions.



Society of Women Engineers student chapter members attend the organization's annual conference.

"FUTUREPROOF" BUILDS OPPORTUNITIES

In addition to their regular classes, there are numerous clubs, groups and events designed to bring students together to advance their academic careers. For example, Vaughn College implemented an integrated learning community for a group of first-year engineering students, made possible through a partnership with LaGuardia Community College. The goal of the learning community is to challenge and develop young engineering students through common course loads, project assignments and faculty evaluation. The first learning community was so successful that the program is being expanded this fall to the flight degree.

Vaughn students are also encouraged to join student chapters of professional societies that provide many opportunities for growth. The highly successful Society of Women Engineers (SWE) student chapter is a great example. This group had an incredibly active and fruitful fall semester that included paper presentations, developing and hosting workshops, and obtaining a \$5,000 grant from Con Edison to further science, technology, engineering and management (STEM) outreach within the five boroughs.

The club also ran three professional development workshops for its members on resume writing and portfolio development, interviewing skills and company research. In addition, it hosted two electronic workshops for elementary, middle and high school girls to promote STEM. When attending their annual conference, students were able to demonstrate their high level of skill and commitment. As a result, three internships and five job offers were extended to student members. Those internships often result in full-time employment offers.

Emily German '18, a mechatronic engineering major, is a perfect example. As president of SWE, she and several fellow students attended the organization's annual conference and career fair, funded by Vaughn and prepared for success by the office of career services. German was offered an internship on the spot by Daimler, a company on the top of her list, due to her mechatronic skill set. Due to the success of that internship, she was offered a full-time job with the company prior to graduation in May 2018.

With more than 80 years of aeronautical heritage and a faculty with impressive industry connections, Vaughn provides students with many opportunities to connect with thought

leaders through speaker events, company tours and the College's annual Gala, which exposes students to experts in the field to network and obtain job opportunities.

Gary Spulak, president of Embraer Aircraft Holding Inc. and the 2017 Gala honoree is a prime example of how company representatives feel about what Vaughn does to help its students. "We are tremendously proud of our relationship with Vaughn College. The outpouring of support for the annual Vaughn College Gala is a testament to the precious mission of the institution. Each of the young citizens of aviation who walks Vaughn's halls becomes inspired by the professors and staff and by their commitment and dedication to advancing our industry, ensuring its perpetuity and ultimately changing the world, one student at a time. We are grateful to Vaughn for furthering our workforce, and for inspiring the next generation to join us."

BUILDING LEADERSHIP SKILLS OUTSIDE THE CLASSROOM

Vaughn also offers students a unique opportunity to develop critical skills for the future with its Leadership Academy. This program is designed to develop leadership skills not just for the workplace but for the benefit of students' lives

in general. According to Bill Huisman, executive director of the Aviation Development Council, which provides funding and training support for the program, "Our board of aviation industry leaders quickly saw the value of leadership training at Vaughn College—a source of so much talent for our industry. Leadership skills can be learned, and that learning goes beyond the classroom to touch every aspect of students' lives."

More than 200 Vaughn students have participated in the Leadership Academy's challenging one-year program in the 10 years since it launched. The Academy includes three successive levels, bronze, silver and gold, and each certificate level is designed to be completed in one semester. On average, 20 students are enrolled each year, and those who are accepted have already demonstrated leadership potential through involvement in clubs and organizations as well as through community service and volunteerism. As part of the program, students participate in workshops and attend presentations on a wide range of topics, from leadership theories to understanding ethical decision-making to career-building components and communication skills.

The seminars are taught by College staff and industry leaders as well as alumni of the Leadership Academy whose successful careers post-Vaughn demonstrate the impact of this program.



(Clockwise from left) Bill Huisman, executive director of the Aviation Development Council, with student affairs staff members and leadership academy participants.

MORE THAN 200 VAUGHN STUDENTS HAVE PARTICIPATED IN THE LEADERSHIP ACADEMY'S CHALLENGING ONE-YEAR PROGRAM



WINNING THE GAME: CUTTING-EDGE ACADEMICS AND CERTIFICATES

Not only does Vaughn remain at the forefront of technology, its curriculum continues to evolve by offering new programs and certificates to meet the job forecasts of tomorrow. Vaughn is home to one of the only master's degrees in airport management in the Northeast, a program uniquely targeted to a growing industry that employs thousands. In the last several years new bachelor's degrees have also been added in aeronautical sciences, mechanical engineering and electrical engineering.

To deepen students' degree experience, Vaughn also offers them the chance to take specialized certificates in their field of study. The College currently offers a robust certificate in air traffic control and flight dispatch, both sought-after career choices, in partnership with the Federal Aviation Administration. Certificates in airline management and airport management are also available, along with the most recent certificate offering in safety management systems, a top-down and bottom-up business approach to managing safety risk. In the STEM fields, the newest certificate offerings include computer-aided design (CAD) for additive and subtractive manufacturing, which offers a strong foundation in real-world CAD, problem-solving, additive manufacturing skills and hands-on fabrication techniques. Another new certificate is in composite manufacturing, providing a well-rounded education to prospective engineers and technicians who are

LEADERSHIP ACADEMY CELEBRATES MORE THAN 10 YEARS OF DEVELOPING STUDENTS

Once enrolled, students attend a fall retreat at the Frost Valley YMCA in upstate New York, consisting of three days and two nights of seminars and experiential training designed to build teamwork and camaraderie. "It was like a boot camp in the mountains without a phone or Wi-Fi," reported Daniela Tabares '19, a junior and last year's president of Vaughn's student chapter of Women in Aviation International. She participated in the Leadership Academy as a sophomore. "It was a highlight for me—not just surviving the weekend without technology—but forming bonds with a new family and learning that even though we are such different people, we can work together to accomplish anything when we share a common goal."

The seminars are taught by College staff and aviation industry leaders as well as alumni of the Leadership Academy whose successful careers postgraduation demonstrate the impact of this program. Leadership Academy alumna Jessenia Diaz '10 achieved her dream of becoming an air traffic controller at John F. Kennedy International Airport, where she is thriving and giving back to Vaughn students through advice and mentorship. As she advises, "Choose a career that you love, and you don't have to work a day in your life."

For Huisman, the program has been more than rewarding. "I'm amazed by the quality of the students who come through the Academy. They look to do their best and take very little for granted. They are very focused on their goals and passionate about school. It's been a great experience for me and other board members at the Aviation Development Council."

With the Leadership Academy having begun its second decade, plans are underway for a reunion for the alumni of this special group. If you participated and would like more information, please reach out to Michael Brady at michael.brady@vaughn.edu or 718.429.6600, extension 353.

NEW CERTIFICATE PROGRAMS

Safety Management Systems Certificate Program

Safety Management Systems (SMS) is a top-down and bottom-up business approach to managing safety risk. To implement SMS successfully in an organization, all workers need to know and apply SMS principles and concepts. Vaughn College offers the only academically accredited SMS program in the tristate area serving the aviation community. This program can be completed in a semester of full-time study or on a part-time basis.

Computer-aided Design (CAD) for Additive and Subtractive Manufacturing

This certificate program covers manufacturing systems utilized in the additive and subtractive manufacturing fields. Students will gain hands-on experience developing computer-aided manufacturing (CAM) programs for Haas computer numerical control (CNC) machines. Rapid prototyping will be covered via 3D printing systems and reverse engineering. At the end of the program students will have a strong foundation in real-world CAD, problem-solving, additive manufacturing skills and hands-on fabrication techniques.

Composite Manufacturing

This certificate program provides a well-rounded education to prospective engineers and technicians who are interested in composite materials, their manufacturing process and application. Students will be introduced to the analysis of composite materials along with hands-on experience in composite manufacturing. Mold fabrication and adhesive bonding of composites and metals, which is an integral part of composite manufacturing, will also be reviewed. Finally, students will be exposed to the most common and latest non-destructive inspection (NDI) equipment, methods and techniques used in the field of composite inspection.



Students work in the new CNC machining and manufacturing lab.

interested in composite materials, their manufacturing process and application. A new composites laboratory will open this academic year. These certificates can be taken individually or in conjunction with Vaughn’s degree programs.

According to Dr. Paul LaVergne, vice president of academic affairs, “We are always working to be ahead of the curve in instructing our students and providing them with marketable skills. We are adding certificates that enhance degrees because they are focused on industry trends in the fields that people are talking about. At Vaughn, the students not only learn hands-on skills but leave with an innovative mindset to advance any career path they choose.”

PAVING THE WAY TO SUCCESS

Vaughn maintains a \$1 million, state-of-the-art flight simulator laboratory and in January added another Redbird MCX simulator funded by JetBlue to support aviation awareness along with the air traffic control laboratory. The institution has also invested another \$1 million in new engineering, chemistry and physics laboratories to support the new Bachelor of Science in mechanical engineering and electrical engineering. A new 3D prototyping innovation center is open for students and

faculty to use to create solid parts from computer-aided design software. This center is increasingly popular with competitive teams from the unmanned aerial vehicle and robotics clubs, where machine parts are made to individual specifications.

In addition, the two-story library and teaching and learning center that was part of the \$45 million expansion

of the academic and training facilities is now home to Vaughn’s new writing center. “Our goal was to establish an inviting atmosphere that would inspire writing in a stress-free environment where students would be comfortable seeking the help they require. We are here to help with all projects ranging from developmental writing, public speaking and presentations to the technical aspects of writing engineering reports,” said Donald Jimmo, writing instructor.

According to Arts and Sciences Chair Dr. Margaret Ducharme, the idea for the center derives from the College’s vision statement: “To change the world one student at a time with a transformational education.” She continues, “Providing a student with the skills to write well will change that student’s life and affect the lives of others. The writing center was conceived as a place for students to find their voice and develop their identity through language.”

Vaughn’s ability to stay closely aligned with the industries we serve is what differentiates the College in the highly competitive marketplace of higher education. We guarantee that graduates are ready for the professional world by providing students with high-quality educational experiences inside and outside the classroom, through regular communication with alumni about those aspects of their education that we need to improve, as well as listening to our industry advisory councils as they review the curriculum and provide insight for the future.



3D pieces are designed and printed in the innovation and prototyping center.

Vaughn Deepens Industry Partnerships with Delta and JetBlue

DELTA TECHOPS AND VAUGHN: FIX, MAINTAIN AND GROW

Delta TechOps, Delta Air Lines’ global aircraft maintenance, repair and overhaul (MRO) division, knows that over the next several years, aircraft maintenance technicians (AMTs) will be in high demand in the airline industry. To meet that demand, Delta is partnering with Vaughn’s Aviation Training Institute, which houses the aviation maintenance training program.

Delta looked at over 75 schools across the US to partner with, and using the same objective criteria, Delta selected 44 of them, according to Michael Mackey, manager, Delta TechOps Training. “Delta will contribute aviation maintenance eLearning modules, technical data, aircraft parts and technical training for instructional staff, all designed to raise the awareness of airline maintenance operations and to better prepare the future employees of Delta Air Lines and the airline industry.”

The partnership will emphasize safety (programs and usage), composites, electrics/avionics, shop/standard practices, facilities and training aids, and general knowledge about operations and career expectations.

“The ATI provides our students with a strong base of knowledge as to what they will be doing when they enter the workforce,” said Domenic Proscia, vice president of training at Vaughn. “This program gives our students an even deeper understanding of how these machines operate and hands-on experience to ensure they keep running smoothly.”

The program will link Vaughn students with working

professionals and will give them experience with real-time operating procedures and tools. At the completion of the program, Vaughn students will be ready to enter various, highly specialized positions in maintenance operations.

“This partnership is going to be a great enhancement for our students, in terms of their education and their career prospects,” said Fredrick Parham, associate director of the Aviation Training Institute. “Delta’s TechOps program is going to provide Vaughn students with cutting-edge tools and experiences that will set them apart and put them on a path toward continued professional growth.”

Delta TechOps is a division of Delta Air Lines. It is the largest airline MRO in North America and the third largest worldwide. It serves more than 150 aviation and airline customers from around the world, specializing in high-skill work such as engines, components, avionics, airframe and line maintenance. Delta TechOps employs more than 9,600 maintenance repair and overhaul professionals and is one of the most experienced aircraft MRO providers in the world, with more than seven decades of aviation expertise.

ASIA-PACIFIC	256,000	ESTIMATED NEED FOR NEW MAINTENANCE TECHNICIANS IN THE NEXT 20 YEARS: 648,000+
NORTH AMERICA	118,000	
EUROPE	111,000	
MIDDLE EAST	66,000	
LATIN AMERICA	49,000	
CIS	25,000	
AFRICA	23,000	

JETBLUE FOUNDATION AND VAUGHN: FLY, PROTECT AND INSPIRE

Vaughn is also closely linked to JetBlue and its foundation to provide both high school and current students with an opportunity to experience the latest in flight simulator training. This partnership is especially timely because there is an increased emphasis on a potential global shortage of airline pilots. The initiative will expose 300 New York City area high school students to flight training and related career possibilities, particularly through the STEP and Upward Bound programs. This partnership will also enhance the College’s already robust flight training curriculum and simulator laboratory for its current 220 flight operations students.

The JetBlue Foundation has a mission to foster effective programs that empower and provide opportunities to students and traditionally underserved communities. It is committed to growing and advancing aviation and STEM-related educational programming that will have an immediate impact in the local community and in the lives of high school and college students.

For this program, in the spring of 2017, the JetBlue Foundation funded the acquisition of a new Redbird MCX, one of the industry’s latest motion simulators, to expand the College’s fleet of training devices. In addition to funding from the JetBlue Foundation for this initiative, the Vaughn College flight simulator lab houses two Redbird FMXs, a FRASCA 241 and a CRJ-200 simulator. The Redbird MCX flight simulator is the foundation of the JetBlue Flight Exposure Program at Vaughn. This additional simulation training device adds great flexibility to flight training since there are no environmental factors that might impact a flight lesson. Its motion platform manipulates balance, simulating actual roll, pitch and yaw motions. This new simulator provides a wide range of training scenarios. It will also enhance students’ educational and hands-on experiences in Vaughn’s flight operations and air traffic control degree programs.

In addition, the Redbird will allow visiting high school students to experience the excitement and joy of flying. “Every airline pilot has their own story of when they realized that a career in flight was their dream,” said Michael Brady, assistant vice president, institutional advancement. “We want students and others to feel that excitement and to realize that they too can achieve a successful career as a pilot.”

The JetBlue Flight Exposure Program will begin this summer, focusing on four public New York City high schools:



Aviation High School, Bronx Aerospace Academy, August Martin High School and Thomas Edison High School.

When the grant from the JetBlue Foundation was awarded to Vaughn, Joanna Geraghty, president of the Foundation, stated that, “We must fuel the talent pipeline now with diversity and focused educational training to ensure the future of our industry. Our goal is to provide access early on to prepare students for jobs after high school or

ASIA-PACIFIC	253,000	ESTIMATED NEED FOR NEW PILOTS IN THE NEXT 20 YEARS: 637,000+
NORTH AMERICA	117,000	
EUROPE	106,000	
MIDDLE EAST	63,000	
LATIN AMERICA	52,000	
AFRICA	24,000	
CIS	22,000	

for college.” On May 21, 2018, Geraghty was named as JetBlue’s new president and chief operating officer.

The JetBlue Foundation, founded in 2013, is independent from JetBlue and has a separate board of directors and an advisory committee both made up of JetBlue crewmembers from across the airline. JetBlue is New York’s Hometown Airline®, and a leading carrier in Boston, Fort Lauderdale - Hollywood, Los Angeles (Long Beach), Orlando, and San Juan.

**INVESTING IN
YOUR FUTURE
AIRCRAFT MAINTENANCE**



FOCUSING ON Institutional Effectiveness AND BUILDING A CULTURE OF ASSESSMENT

This past December, Vaughn College's Assessment Committee hosted Assessment Day, the first of what is expected to become an annual event at the College.

The day focused on the institutional effectiveness process and how this process is used to set departmental goals, measure results and ultimately help achieve Vaughn's mission, strategic goals and student learning objectives.

"Assessment is all about how we, as an institution, measure our performance, how we set goals and evaluate results, how we share that information and use it to make changes to continuously improve everything we do," explained Rebekah Chow, manager of institutional effectiveness, who co-chairs the Vaughn College Assessment Committee with Dr. Paul LaVergne, vice president of academic affairs.

The Committee was formed last August and is comprised of faculty and staff members from 17 departments across the campus. The group meets on a biweekly basis and over the last nine months has developed a new standardized, sustainable evaluation process and report templates that could easily

be shared cross-departmentally on the College's portal. All departments prepared assessment reports for 2017 as well as plans for what they would assess in the coming year. More than 60 assessment plans and reports now reside on the portal, providing transparency around departmental responsibilities and priorities.

"Assessment Day was the Committee's idea—a day to come together and share what we learned from an assessment process that Vaughn College has worked on so diligently over the past year," said Chow, "and do it in a fun way." During the well-attended event, faculty and staff viewed posters prepared by each department, documenting one of the outcomes learned from the assessment report. Later, everyone participated in an interactive game that kept the energy high while requiring each individual to analyze and discuss the findings.

It should come as no surprise that the Committee conducted an assessment of Assessment Day. The results showed that



the day was a big success, with nearly 89 percent of attendees correctly defining the continuous improvement and assessment process. Most also correctly linked assessment to Vaughn's mission, planning, budgeting and allocation process. Another key finding was that when attendees were asked what they would like to see more of, the overwhelming consensus was, "More communication." Faculty and staff want more opportunities to be informed across departments and across campus, a strong indicator of the growing culture of assessment at Vaughn.

"The bottom line across every department is to do better with student learning," said LaVergne, speaking of the critical importance of cross-departmental communication. "It's not just the academic departments but all departments from financial aid and the library to the residence hall and athletics—all are working in concert for the benefit of the students. This process also allows us to share the information in a meaningful way and support an integrated educational experience."

In fact, Assessment Day was only one part of a multi-pronged approach to facilitate cross-department communication. This spring saw the launch of the "Did You Know" campaign, a weekly email that features a single, interesting data point from one of the 2017 departmental assessment reports. One of these emails asks, "Did you know the Purchasing Department saved the College just under \$22,000 by purchasing a shuttle van instead of renting it?" The goal of the campaign is to further embed the concept of continuous improvement into the College's collective consciousness.



Staff and faculty members peruse department posters for assessment facts.

"Assessment is part of the way we're doing things now," said LaVergne. "It's embedded in everything—this is not a one-time snapshot but a continuous process. Our process makes it clear how we make decisions and improve by using data-driven decision-making."

Looking ahead, the role of assessment at Vaughn will continue to grow in line with trends in higher education. According to Chow, Vaughn's regional accrediting body, the Middle States Commission on Higher Education, is changing its evaluation process and building assessment into the seven tenets used in accreditation. "This is the future of higher education," said Chow, "using data-driven analytics to look at how we are meeting our goals and to demonstrate a good return on investment for students. An institution needs to be nimble and constantly improving across all functions and departments to provide the transformational education that our mission calls us to."



Members of the Assessment Committee launch first Annual Assessment day.

ALUMNUS | Paul Zadoff '41

Paul Zadoff's 97-year life story reads like a Greek epic. He has seen the world, worked in several industries all over the country, and survived the Great Depression and World War II. For him, every accomplishment can be traced back to one place: "Everything I've done started at Casey Jones."

Zadoff never shied away from hard work. A semi-pro football player in his teens, he made \$50 per game, but he realized he'd need to continue his education if he wanted a lifelong career. He enrolled in a maintenance program at a school in Teterboro, New Jersey, and once that program was complete, applied and was accepted to the maintenance program at the Casey Jones School of Aeronautics — the institution that would one day become Vaughn College. The mid-1930s were a tough time, economically, and Zadoff was concerned he couldn't afford the \$60 a month in tuition. Ever resourceful, Zadoff got a job dealing cards in a casino to cover tuition and graduated with high honors in 1941.

"That school was massive; it took up an entire city block," he recalls with a smile. "And it was a fantastic experience. It was an environment where 'I can't' didn't exist. We found a way to make things happen."

The job market was also tough during the Depression, and Zadoff had trouble landing a position. After he turned

down a teaching job at Casey Jones because he wanted a more hands-on experience, the school informed him of a government position in Augusta, Georgia. After five years in Georgia, he returned to New York, where he worked for Pan American at LaGuardia Airport for \$1.50 an hour.

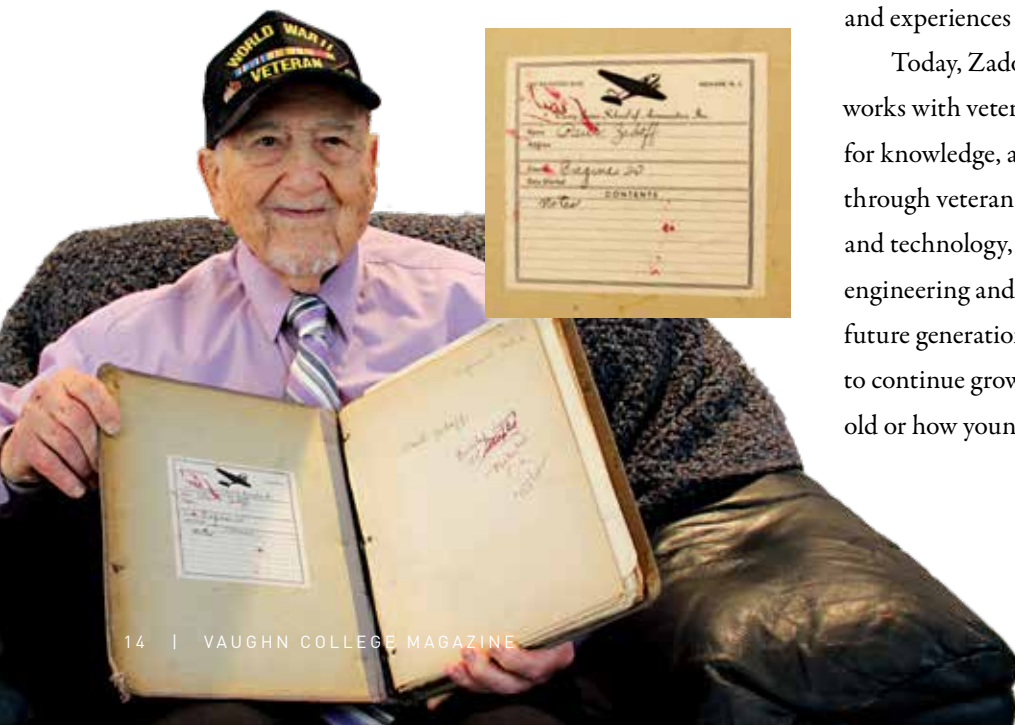
"They loved me because I could do any job they gave me," he said. "I could basically build an airplane from scratch, that's how well the school trained me."

After Pan American, Zadoff spent some time in the United States Air Force, where he thrived, but didn't stay.

"I had big ideas and big plans," he recalls. "Casey Jones made me an independent thinker. I learned so much there."

At a time when the commercial aviation industry had taken a downturn, Zadoff found other ways to keep moving forward and spent 50 years in the garment industry. He also worked as a butcher and owned a clothing company and a television and radio repair business. Paul says that no matter the industry, his education provided him with skills and experiences he applied throughout his career.

Today, Zadoff gives speeches at public schools and works with veterans organizations. He never lost his thirst for knowledge, and continues his education online and through veterans programs, taking courses in computers and technology, and reading about the growing fields of engineering and robotics. When asked about advice for future generations, he said, "I encourage those around me to continue growing and continue learning, no matter how old or how young they are."



VAUGHN COLLEGE ANNUAL FUND 2018

Annual Fund giving is a central part of Vaughn's fundraising efforts and provides Vaughn with the responsiveness and flexibility necessary to fund emerging opportunities in scholarships, student programming, faculty research and academic initiatives. Every gift in any amount improves the Vaughn experience for our students.

REMEMBER: THE POWER OF ONE.

Your gift of \$1 a week—\$52 a year—will provide more opportunities for Vaughn students.

"I had a dream! I wanted to become a pilot. I went to Vaughn College looking for guidance and support. I found all this and beyond—people who dreamed my dream with me. Thanks to all the faculty and staff, today my dream is reality! I donate to show how grateful I am to Vaughn College!"

—MARGARITA CHOLAKOVA '14,
FIRST OFFICER, REPUBLIC AIRLINE

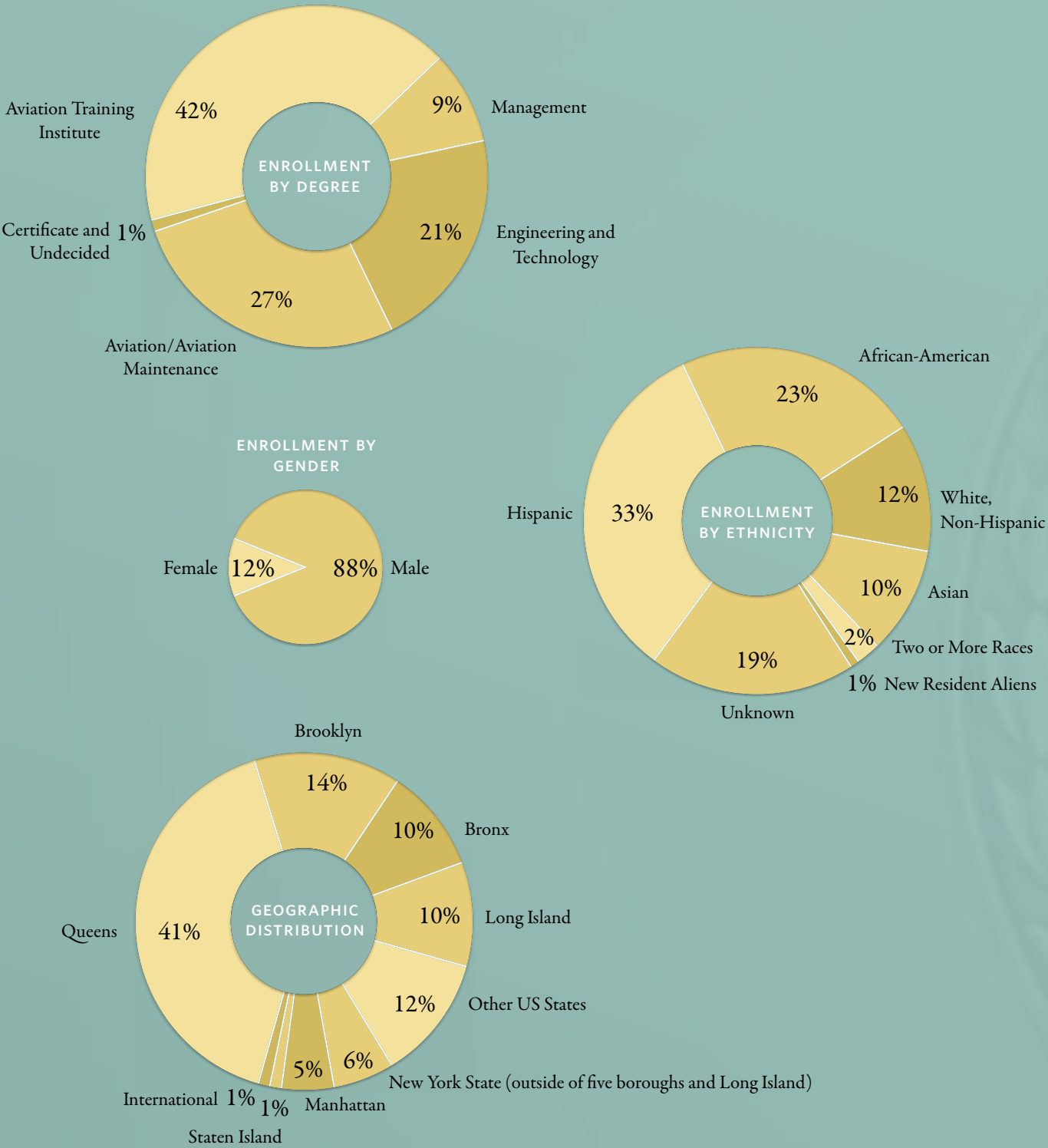
MAKE YOUR GIFT TODAY
at vaughn.edu/give-a-gift.
For more information contact
the Annual Fund Office
at 718.429.6600, extension 353.



VAUGHN COLLEGE REPORT 2017-2018

Demographics, Financial Summary and Annual Fund

DEMOGRAPHICS OF ENTERING FALL 2016 FRESHMEN



FINANCIAL SUMMARY

BALANCE SHEET

	2017	2016
Total Assets	\$113,245,540	\$100,916,115
Total Liabilities	\$71,051,510	\$56,010,343
Total Net Assets	\$42,194,030	\$44,905,772
<i>Comprising:</i>		
Unrestricted	\$12,114,871	\$13,589,496
Temporarily Restricted	\$29,913,820	\$31,150,937
Permanently Restricted	\$165,339	\$165,339
Total Net Assets	\$42,194,030	\$44,905,772

REVENUES AND EXPENSES

	2017	2016
<i>Revenues</i>		
Tuition and Fees	\$32,573,030	\$31,519,139
Less: Scholarships and Fellowships	\$4,282,222	\$3,659,826
Less: Federal Aid	\$122,594	\$147,353
Net Tuition and Fees	\$28,168,214	\$27,711,960
Government Grants and Contracts	\$2,614,488	\$3,525,446
Contributions, Including Equipment	\$358,421	\$297,293
Investment Income	\$352,486	\$395,182
Auxiliary Revenue	\$2,058,299	\$2,312,533
Appreciation (Depreciation) in Fair Value of Investments	\$2,005,228	\$923,805
Other	\$906,670	\$3,085,950
Total Unrestricted Revenues, Gains and Other Support	\$36,463,806	\$38,252,169
<i>Expenses</i>		
Educational and General	\$32,398,582	\$33,198,633
Depreciation and Accretion	\$5,539,849	\$5,513,347
Total Expenses	\$37,938,431	\$38,711,980
Change in Unrestricted Net Assets	(\$1,474,625)	(\$459,811)
Increase (Decrease) in Temporarily and Permanently Restricted Assets	(\$1,237,117)	(\$1,378,939)
Change in Net Assets	(\$2,711,742)	(\$1,838,750)

ANNUAL FUND GIVING

THE FOUNDERS CLUB

\$2,500 and beyond
Academy of Aviation
AFCO AvPorts Management, LLC
Alaska Airlines/Horizon Air
Dean Angelakos
Arup
Elaine Asch-Root
Atlas Air
Aviation Café
Aviation Week and Space
Technology
Bond, Schoeneck & King, LLC
Delta Air Lines Inc.
Sharon DeVivo
Barry Eccleston
EGC Group
Gates Capital Corporation
GE Aviation
Monroe W. Hatch
hgDesign NYC
Hudson Group
JetBlue Airways Corp.
JPR Mechanical Services Inc.
Kenneth E. Senior Aerospace
Scholarship Foundation
Kiwanis Club of LaGuardia
LaGuardia Gateway Partners LLC
Love Family Foundation, Inc.
Marotta Controls, Inc.
Joseph Martella
Thomas McKee
OTG Charities Inc.
John Pavon '03
Katherine Posner
Rolls Royce North America
Siegel & Gale, LLC
The Port Authority of NY & NJ
The Resource Foundation, Inc.
Thomas R. O'Donnell Scholarship
Fund Inc.
United Airlines
United Unlimited Inc.
United Way of the National
Capital Area
Valley National Bank
George Vaughn
James Vaughn
Peter and Mary Vaughn
THE LAGUARDIA CLUB
\$1,500 to \$2,499
Astoria Bank
Shelley and Jeff Kehl
Marks Paneth Accountants and
Advisors, LLP

Robotics Education &
Competition Foundation
Frank Rosenberg
Jesse & Rochelle Shereff
Carol and Kenneth Stauffer '83
Telly and Barbara Vaughn Holmes
Virgin America
THE PRESIDENT'S CLUB
\$1,000 to \$1,499
AHS International
Airport Press
Astoria Civic Association Inc.
David Balloff
Michael and Julie Baughan
David Cush
Fidelity Charitable
Debbie Dusel
Douglas Eastman '49
Fitzpatrick & Hunt, Tucker,
Pagano, Aubert, LLP
Frasca & Associates, LLC
Douglas Izarra
Kinane Painting, LLC
Thomas Marotta
James and Jane McGraw
Oswin Moore
Tara Riggs
Safe Flight Instrument
Corporation
Stevens Strategy
John Sorte
David and Janice Vaughn
THE CHARLES (CHUCK) E.
YEAGER CLUB
\$500 to \$999
Ace Party & Tent Rental
Alken Industries
Michael Brady
Paula Busch
Peter Byrne
CHA – Clough, Harbour &
Associates LLP
CPI Aero Inc.
Amr and Claudia ElSawy
John Enders
Kenneth Gazzola
Graf and Lewent
GSE Dynamics Inc.
Greg and Lisa Hamilton
Elizabeth Hlavacek
Labor Management Concepts Inc.
Albert L. Longarini '49
Victoria and Yuri Love Salnikoff
Craig McKinley
Navin Natarajan

Bruce Nobles
Andrew Parton
PASSUR Aerospace Inc.
Richard Piacentini
Christopher Richards
SciMax Technologies –
Innovations in Composite
Technologies
Sheltair Aviation Services, LLC
Thales Group USA
The General Contractors
Association of New York Inc.
Christina and Debora Thivierge
Mary Ward-Callan
Joseph Werner '57
Samuel and Sharon Yates Fass
Irene Zincone
THE CHARLES E. TAYLOR CLUB
\$250 to \$499
Thomas and Moira Apperson
Darryl Baniaga '16
Boy Scouts of America – Greater
New York Council
Catherine Callaway
Crowley for Congress
Anne Crudge
Beatriz Cruz '06
Dassault Falcon Jet
Earl Dawson
Patrick Dowling
Margaret Ducharme
Mary Durkin
ECNY Electrical Inc.
Endeavor Air Inc.
John Fitzpatrick
Charlotte Frank
Shouling He
Rhonda and Stratton Heath
Martin Keller
Paul Lavergne
Maxine Lubner
Patrick Marotta
Deborah McElroy
Khalid Mouaouya '90
NYCEDC – New York City
Economic Development
Corporation
Leonard Poveromo
Domenic Proscia '95
Hossein Rahemi
Carole Rickard Hedden
Marie Rosa
Maria and Gerard Sedlak '73
Ernest Shepelsky
Agam Sinha

Jeffrey Time '03
Elvira and Efrain Vazquez '82
Dominick Visciotti '93
Wycliffe Walcott '09
Robert Waldmann
The Wings Club Inc.
THE BESSIE COLEMAN CLUB
\$101 to \$249
Ysvania Abreu '17
Airline Vending Services
Thomas Broschart '90
Vincent Cuneo '17
Elizabeth and Richard Enders '63
GRAHAM International
Consulting and Research Inc.
Daniel Khodos '18
Vikram Kolluru '12
Wendy Lacey
Michael Marotta
Sandra Merchant
Jean Nunez '17
Pell Wealth Partners
Louis Popovich '51
William Puckhaber
Queens Latino
Renee Reso
Mortimer Sickles '54
Frank Wang '92
Cheryl Yetka
THE CHARLES LINDBERGH CLUB
\$51 to \$100
Monica Barrett
Christopher Boyle '17
Patricia Clark
Terri Cohen
Sara Escobar
Michael Feierman
Eric Gessner '03
Susan Greenbaum
Harris Herman
David Hopkins
David Kagan
John Michael & Valerie Keen
George Lence Keller '88
Steven Leshenski '10
Barbara Locke
Tatiana Malovik
Ethan Martin
Patricia Ornst
Edith Quizhpi '17
William Rickard Smyth
Richard Smyth
John Sorte
Eric Stubin
John Tristani '56

Kimberly and Lauren Villa
Jafari Wade '17
\$50 or less
Adam Abdalla
Sofia Abukharma
Jessica Acevedo
Abdenago Agudelo Jr. '12
Mohammad V. Alam '18
Tormal Alamta '16
Zain Ali '17
Mohamed Almulaiki '17
Karla Araya '17
Mohammad Ahmed
Tanvir Ahmed '16
Edmund Aiello
Rada Akhundova '17
Vin Alcee '16
Raymond Allman '14
Kenneth Andwood '10
Eduardo Angeles '17
Anonymous Gift – Vaughn
College
Daniel Arce '13
Edgardo Argueta '16
Jorge Aviles '14
Michael Azemi
Jonathon Axmacher '11
Anthony Baladi '16
Lisa Bandel '17
Patrick Batey '16
Hector Batista Jr. '09
Gensi Beltre Alcantara '14
Dylan Berry-Sprague '16
Helder Blanchard '14
Hakouet Bonkian '17
Sylvon Cabose Jr. '16
Michael Calle '17
Denis Campos Garcia '14
Anthony Caquias '17
Treowe Carlson '16
Frank Carnevale '89
Bradford Carpenter '05
Louis Castelan '17
Hector Castillo '15
Elian Castro Blanco '16
Elsie Ceilema '16
Andres Chavez '15
Julio Chavez '17
Julian Chellapah '14
Juan Chicas '17
Christian Chiza '03
Margarita Cholakova '15
Alexis Corbin '10
Christopher Corley '14
Miguel Cruz '15

Ashraf Darwish '17
Justin Daughtry '12
Miguel Davila '15
Mindalia DeJesus
Nelson DeMatos '16
Fausto Devargas '15
Anish Dhariz '09
Antonio Diaz '13
Jorge Diaz '15
Naiven Diaz '18
Rocco D'Orazio '17
Maine Dowe '17
Peter Druback '17
Junior Dumezil '15
Luiny Duran '14
Jake Echevarria '17
Iheanyi Ezekiel '16
Kyle Fabian '16
Kayenat Farrah
William Fernandez '16
Anthony Ferrante '16
Steve Ferguson
Jessica Flores '16
Jeyson Flores Cornejo '16
Adrian Galan Gomez '17
Imtiaz Galib
Michael Garcia '15
Robert Gensinger '64
Joseph and Andrea Giamanco '67
Argenis Godoy
Neil Gouveia
Katherine Guerrero '18
Enrique Guzman '03
Abdel Haiber '95
Louis Haick
Robert Haight '05
Mohamed Haridi '15
Nicholas Hebron '17
Raphael Henery '14
John Hernandez
David Herrera
Luis Herrera '11
Mohammad Hilou '17
Sandip Hodkhasa '09
Cecil Hollar '63
Eriberto Huerta
Tazul Islam '17
Murshedul Islam '17
Hugo Jimenez-Palomino '18
Andrew Jones '17
Nicholas Jordan '19
Michael Joseph '99
Toronie Joseph
Rafael Julia Soto
Deochan Kalicharin '17

Joseph Kamel '12
Amir Karim '17
Benjamin Kaufmann
Waqas Khizar '12
Yaroslav Khizhnyak '18
Seong Kim '17
Yair Koenov '13
Moussa Kone '16
Mo Kun '17
Abdullahi Kure '17
Diego Lames '17
Arielle Lariosa '15
Waqas Latif '17
Michael Lavitt
Nancy H. and Charles J. Lercara
Frederick Lindor
Leong Loh '17
Arthur Longsworth '11
Christian Lopez '17
Jhakelin Lozado '17
Mahdi Macbahi '14
Vadepal Mahabir '14
Robert Maharaj
Rodrigo Maldonado '17
Jonathan Mall '17
Dana Mathura '15
Stephany Matos '17
Ruhullah Mehirdel '10
Gabriel Mercado '10
Andres Meza '17
Melva Miller
Alexander Mitchell '17
Ahmed Mohammed '17
Yashoda Mohan '10
Christian Montas '18
Victor Mora '13
Henry Morocho '10
Ahmed Mostafa '17
Jared Ndiba '13
Andre Nembhard '15
New York City Alarm
Corporation
Robert Olivo '15
Andrea O'Neill
Bismark Opoku '16
Domenick Oricchio '93
Ramon Ortiz '16
Dimitri Papazoglou '17
Mayra Patino
Michael Pena
Johann Perez '17
Junaid Perez '17
Harvis Pichardo '11
Osscar Pita '17
Alden Piza

Gregory Principato
Haolun Qu '17
Karina Quijano '16
Don Raghunandan '12
Jason Ramos '13
Franklin Ramos '14
Cesar Revelo '15
Jose Rivera
Francheska Rodriguez '15
Mario Rodriguez '13
Victor Rodriguez '17
Mohamed Saad '17
Braulio Saladin-Liriano '17
Duran Samuels '14
Jorge Sanchez '14
Pedro Sanchez '13
John Santa
Manny Santana '13
Francis John Serrano '17
Iaisha Shawabkeh
Sukhjinder Singh '17
Lovepreet Singh '09
Preetkamal Singh '17
Rickey Singh '17
Jagdeo Singh '17
Marcin Skoczypiec
Sean Smith '17
Pari Soneji '16
Kris Sooknarain '17
Linda Spock
Kenia Taveras '13
Kenneth Tejada '14
Aye Thet '17
Joseph Toronie
Vivek Tura '17
Alex Uquillas '16
Alex Valencia '17
Anthony Valverde
Monica Vanterpool
Rosa Velez
Rahul Verma '17
Haljilj Vukelj
Zi Hang Wang '17
Teniqua Ward
Chao Xu '18
Yi Chan Yang '17
Jin Yu '17

Third Annual Manufacturing Day

**BRINGS TOGETHER
INDUSTRY LEADERS
AND THE COMMUNITY
TO CELEBRATE
MANUFACTURING
INNOVATIONS**

October is National Manufacturing Month, when manufacturers across the country throw open their doors and host events and activities to celebrate modern manufacturing and inspire the next generation. Three years ago, Vaughn's engineering and technology department launched the first Manufacturing Day, which, according to Department Chair Dr. Hossein Rahemi, is designed not only to introduce Vaughn's students to cutting-edge manufacturing trends, but also to make them aware of the latest engineering application-oriented programs that Vaughn is offering and how these can boost their career possibilities.

This year's Manufacturing Day was held in October and included presentations from two Vaughn professors in addition to the four industry professionals who addressed the Vaughn community and students from local high schools. Topics ranged from additive manufacturing and cyber-physical systems to 3D printing, composites, CNC machining and automation in manufacturing.

Dominick Visciotti '93, a Vaughn alumnus and one of the industry leaders invited to speak at this year's event, enthusiastically endorsed the value of Manufacturing Day. "It gives the students a true look at where they're heading," said Visciotti, team leader of assembly engineering at Cyient. "They get to see that whatever industry they go into, their degree from Vaughn really means something!"

Manny Santana '13, a contract specialist at the Defense Contract Management Agency who attended the event as a member of the Advisory Board, noted that, "You have industry, educators and students all in one room where the students can see that industry is really interested in them and industry leaders can see the students who will take their business into the future."

The morning session began with Albert Bunshaft, senior vice president of Dassault Systèmes and president of Dassault's Foundation, who talked about "Changing Dynamics for Design and Manufacturing Companies in the 21st Century." He was followed by Oliver Scheel, president of U.S. Didactic, whose topic was "Integration of Advanced Manufacturing into Cyber Physical Systems," covering the connection of physical components, hardware systems and enterprise-level software with the internet of things.

Visciotti was next, and spoke on the topic of "Outsource Companies Moving from Service to Solution," describing how the aerospace industry is increasingly looking to outsource to companies like Cyient for comprehensive services including manufacturing and testing as well as design. The last presenter was Hal M. Staniloff, unmanned aircraft systems remote pilot and owner of Estate Aerial Inc., who gave an overview of the current

(Above photo) Albert Bunshaft, senior vice president of Dassault Systèmes and president of Dassault's Foundation, opened the morning session.

state of the Unmanned Aerial Systems (UAS) field.

Each of the speakers made a point of discussing the education and skills needed to participate in these rapidly changing and growing manufacturing fields. Bunshaft noted that, "Graduates with profound hands-on skills, and strong communication capabilities, problem-solving and teamwork have a profound impact on advancing manufacturing," while Visciotti emphasized the importance of determination, imagination and discipline in building a successful career path.

During the afternoon session, Rahemi, along with Professor Manuel Jesus and Dr. Yougashwar Budhoo, provided an overview of several significant enhancements and additions to Vaughn College's engineering and technology curriculum, including the development of stackable manufacturing certificate programs and the new advanced manufacturing concentration that is part of the current mechanical engineering technology program. Jesus spoke about a new certificate program, Computer-Aided Design for Additive and Subtractive Manufacturing, that was recently approved by the New York State Education Department. Budhoo talked about courses in composite design and the manufacturing certificate program. Vaughn also recently received approval for a certificate in composites.

There was a separate, hands-on component to the day, with workshops hosted by Vaughn's unmanned aerial vehicle (UAV) and robotics clubs for high school students from Freeport,

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Vaughn alumnus Dominick Visciotti '93

Bayside, Garden City, The Wheatley School, South Country School District and Thomas Edison High Schools. The visiting students were given an introduction to bidirectional motor control by the UAV club and a workshop in robotic design using SolidWorks by the robotics club. Club members also shared insights on balancing academics and robotics.

"Manufacturing Day is a great way to show students the many applications their degree can have," said Rahemi. "Connecting students with industry leaders and teaching them what employers are looking for in the workplace is just another example of Vaughn's commitment to their success."

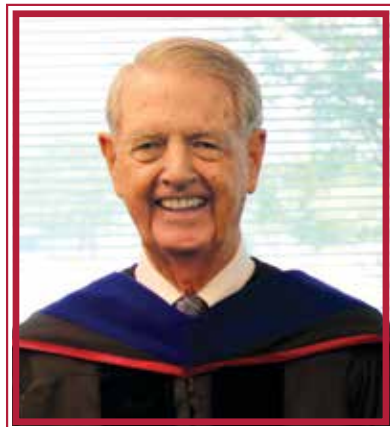
Vaughn student club members host workshops for visiting high school students.



TRUSTEES EMERITUS

A GENERATION OF TRUSTEES WHO OVERSAW THE TRANSFORMATION OF VAUGHN COLLEGE LOOKS BACK ON ITS YEARS OF SERVICE

Monroe W. Hatch Jr., Elaine Asch-Root, John H. Enders, Clyde R. Kizer and Anne Crudge have recently retired after serving as trustees since the 1980s and 1990s. Their service and dedication touched every aspect of Vaughn during a momentous period of change, when the College evolved from an aviation maintenance and small design vocational school to the professional four-year-degree-granting college it is today. While each one brought the individual experience of their outstanding careers to their service as trustees, all share a passion for aviation and all share a common commitment to the unique focus that has made Vaughn the No. 1 institution, among 2,137 nationally, for raising students from the bottom 40 percent to the top 40 percent in income (The Equality of Opportunity Project reported in The New York Times). In recognition of their outstanding service, the board of trustees unanimously elected them to the position of trustee emeritus.



MONROE W. HATCH JR. was a retired four-star general when he joined the board of Vaughn College in 1992. At the time, he was also executive director of the 150,000-member Air Force Association and its affiliate, the Aerospace Education Foundation, as well as a trustee of the United States Air Force Academy's Falcon Foundation. With his clear interest in education, his Master of Science degree in aerospace engineering and his long, decorated military career encompassing 6,000 flying hours and numerous positions in Strategic Air Command and the US Air Force, he was a natural fit for the board of trustees at Vaughn College. But beyond those overlapping interests, there was something else that drew him to serve Vaughn despite his busy schedule. "I quickly learned that many students at Vaughn are the first in their family to go to the college level," said Hatch, "and that mission and purpose are very high among my ideas of what all of us should do, and if you can help that cause in any way, you do it."

While serving on the board, Hatch used his military experience in long-range planning to elevate the planning process at Vaughn, helping to institute an annual goals and objectives protocol between the president and chairman that aligned with the College's future priorities. He also applied his business skills in the finance and audit committees and served as chairman of the compensation committee, which plays a critical role in attracting and retaining quality leadership.

Hatch is proud of the accomplishments that occurred during his tenure on the board, and he has never missed a Vaughn graduation ceremony. "All you have to do is attend one graduation and you see the students and their families there, so proud of their children ... for those who helped along the way, it makes it all worthwhile."

"It has been my privilege to serve alongside this group of outstanding individuals. Their commitment and dedication to students, faculty and staff during this transformational time in Vaughn's history has been unwavering." Board Chair Thomas J. McKee

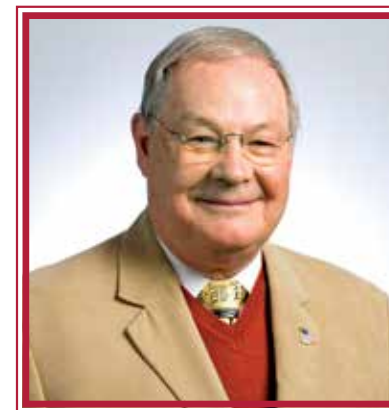
As publisher and editor of **REVISTA AEREA**, Latin America's top aviation magazine, Elaine Asch-Root was passionate about inspiring youth to pursue aviation careers. After joining Vaughn's board of trustees in 1999, she soon found herself thinking of ways to give Latin American students a chance to study at Vaughn and launch careers in aviation. "I was talking to John Fitzpatrick, the former president," Asch-Root recalled. "I told him I had a dream to give children an opportunity to come here and make something of themselves in the industry, and I knew my magazine would provide the perfect platform to make it happen."



That dream quickly turned into a reality with the Revista Aerea scholarship program, which Asch-Root publicized in her magazine and supported with revenue from advertising sales. For more than 12 years, the award provided two-year scholarships and living stipends to one or two Latin American students. Asch-Root developed close ties to these young people, most of whom have gone on to significant aviation careers ranging from robotics to air traffic control. Says Asch-Root, "I think I'm not mistaken in saying I grew to love the students and they loved me, and this experience with them and with Vaughn has been so rewarding."

Asch-Root's work as a trustee was not limited to this scholarship program. In fact, in 2005 she established the Asch-Root Engines of Invention Scholarship, which is presented to a Bachelor of Science degree student in engineering or engineering technology, and in 2013 she distributed a book scholarship for international students in honor of her sons, Andrew and Thomas. Her other contribution to the campus has been greenery, as she has bought many of the potted plants and several of the planted trees. It is clear that the growth and flourishing of her students' aviation careers is what has mattered most to her.

"I told him I had a dream to give children an opportunity to come here and make something of themselves in the industry." Elaine Asch-Root

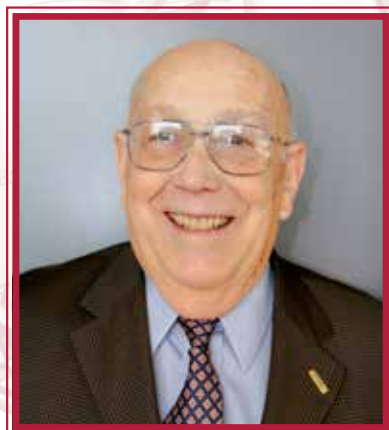


When **CLYDE R. KIZER** joined the board in 1994, he didn't know it would be the start of a 24-year tenure, nine as chair of the board. The former president and chief operating officer of Airbus Service Company, Kizer also had a decorated career as a United States Navy captain, where he was an experimental test pilot, flew combat missions in Vietnam and participated in two Mercury program astronaut recoveries. He learned of Vaughn through his friend "Jack" Enders (see adjacent profile), who was already a trustee, and, said Kizer, echoing the sentiments expressed by other board members, "You just have to attend one graduation here and you're hooked."

Kizer's tenure on the board was a period of dramatic change at Vaughn College. "When I started, the airline industry was in crisis," recalled Kizer. "Leadership at the College recognized the need to develop a new strategic plan that would create a path for the future. It was truly exciting because everyone was involved: faculty, staff, students and the board. We saw we needed to focus more energetically on the academic side and concentrate on bachelor's degrees without dropping the ball on the technical and engineering programs that differentiate Vaughn from other colleges."

In 1996, the College completely revised its curricula and launched nine new programs, including the first Bachelor of Science (BS) degree. In 2002, several new bachelor's programs were launched, followed by the first graduate-level degree program in 2005 and the opening of the residence hall in 2007. Speaking of the efforts that transformed the Vaughn College campus and curriculum into the professional four-year college it is today, Kizer says, "It was a huge undertaking that started with former President John Fitzpatrick, and then current President Sharon DeVivo came on board and they really had the vision and initiative to carry it through. My fondest memories revolve around discussions with trustees, staff, faculty and student representatives that solidified my belief in the exceptional qualities of the institution and everyone associated with it."

TRUSTEES EMERITUS CONTINUED



For **JOHN H. ENDERS**, a former NACA researcher, USAF pilot, NASA research pilot and head of aviation safety research at NASA, chairing the board's academic policy committee was a good match. When he became a trustee in 1983, Enders was president and chief executive officer of the Flight Safety Foundation and had already served nine years on Vaughn's Industry Advisory Committee, with the objective of helping Vaughn's curriculum represent the latest aerospace technologies.

"It was a delight to serve on the academic policy committee because it brought me into direct contact with the students, faculty and administration in a more intense way," said Enders. Although the faculty was not included in the committee when Enders first became co-chair with Joseph Werner, that policy quickly changed. "With the support of Joe, President John

Fitzpatrick and Vice President Sharon DeVivo, we opened the committee meetings to academic faculty chairs so they could participate in our discussions of academic programs. This resulted in much closer cooperation and stronger relationships, and really facilitated the upgrading of the curricula over the following years. We are proud of the way we created transparency and contributed to Vaughn's unique familial culture by opening the board that way."

When asked why he continued to serve Vaughn College for 46 years, Enders acknowledged the importance of the College's aeronautical heritage and its mission to serve a diverse and committed community of students. "From the time I started here, I saw students with a seriousness and focus that reminded me of my own college experience from '48 to '52 when there were a lot of veterans under the GI Bill. For Vaughn students, college isn't just a thing to do. They see the value of education and the application to a lifetime job and career. That means a lot."

"To have served alongside this illustrious group of talented, thoughtful and dedicated individuals has been my honor. Their years of service speak to their level of commitment, and with their leadership and foresight Vaughn is the institution it is today. I look forward to their continuing contributions as trustee emeriti." President Sharon DeVivo

ANNE CRUDGE, a freelance journalist, served on the board of Vaughn College for 28 years. She joined in 1990 and served as board secretary from October 1992 through the fall of 2016. She also served on the plant and grounds, student affairs and the academic policy committees.

Crudge's interest in Vaughn stemmed from its ability to make a college degree possible for many first-generation Americans and first-generation college students. Her husband, Vernon Crudge, was an aviation pioneer, and during World War II, as a member of the Royal Air Force Transport Command, he became North America general manager for British Overseas Airways. Later he became an adviser to Boeing and Rolls Royce, and he had a long association with the College.

When discussing the reason for her long-term commitment to Vaughn's board, Crudge said, "It's all about the students. I believe that our board always recognized that first and foremost. The ability to provide opportunities for students who are dedicated and hardworking is very fulfilling. And the interactions I've had with Vaughn students over my time on the board and the incredible successes I witnessed are what kept me on the board for so long."



▶ VAUGHN IN THE MEDIA

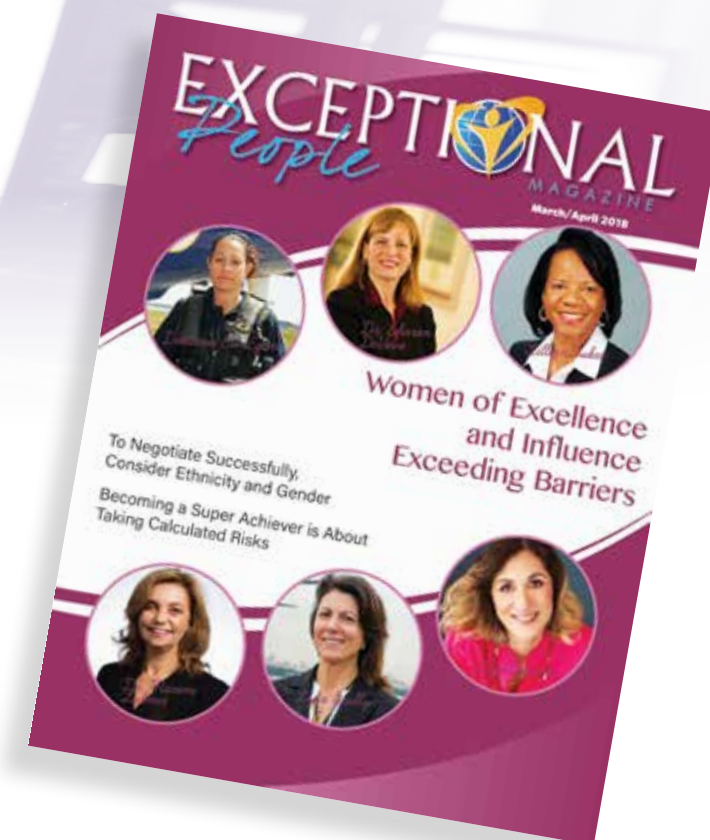


▲ **QPTV** Queens Public Television (QPTV) visited the campus during the spring semester to interview Loretta Alkalay, drone law expert and adjunct professor for the "Power Women of Queens" segment and the Unmanned Aerial Vehicle (UAV) club members for an "Around Queens" segment. President Dr. Sharon B. DeVivo was also featured for the "Power Women of Queens" segment in the fall 2017 semester.



▲ **JOSEPH CROWLEY** Congressman Joseph Crowley chose Vaughn's campus to reveal his plan for improving lives through "A Better Deal for Queens and the Bronx." Local Queens papers that ran coverage of the press conference included Airport Voice, Metro Airport News and the Queens Tribune. A press release was distributed and picked up by more than 140 online news outlets around the nation.

VISIT VAUGHN'S FACEBOOK PAGE TO SEE MORE:
facebook.com/VaughnCollegeFB



▲ EXCEPTIONAL WOMEN

Lysa Scully, general manager for The Port Authority of New York and New Jersey at LaGuardia; President Dr. Sharon B. DeVivo; and Dr. Maxine Lubner, chair of the management department, were featured in the March/April issue of Exceptional People Magazine alongside other industry women for their "Women of Excellence and Influence" feature.

▼ **NBC—DEB HENNEBERRY** Assistant Professor in the Aviation Department Deb Henneberry was interviewed by NBC New York for a segment about in-flight safety procedures on Wednesday, April 18.



Guest Speaker Programs Inspire Students

Vaughn College's speaker programs offer access to some of the latest thinking in the industry today. These speakers have included industry leaders, successful Vaughn alumni, executives from a variety of industries and, in an exciting new development, award-winning writers. The goal of these programs is to expose students to role models and ideas that have the power to be transformative.



Chang-Rae Lee Champions Perseverance and Finding Your Voice

Invited to speak to students who read his book as part of the new common reading program for all incoming

freshmen, Chang-Rae Lee, is a Korean-American citizen and knows what it is like to be an immigrant. Growing up in Queens—Vaughn's own backyard—he learned the challenges that come from trying to assimilate into American society. However, Lee didn't just share with students his story of diversity, but his story of failure, perseverance and ultimate success. It is a story that really resonated with, and galvanized, his listeners.

After leaving a successful and lucrative career on Wall Street to become a writer, Lee's first book took a year to write and was a failure. He regrouped, started again and ultimately wrote "Native Speaker," winning numerous awards, including the famous Hemingway Foundation/PEN Award. He used his own background and personal insights to inform the book, which in turn helped drive its success.

"Students were lined up to speak with him," says Arts and Sciences Chair Dr. Margaret Ducharme, who worked with faculty members to choose the book and invited Lee to speak. "They really identified with him and were so excited to know that they too have a voice and a story to tell."



Bruce Jackson Discusses the Importance of Cybersecurity and the Implications for Aviation

The management department welcomed guest Bruce Jackson, president and managing director of Air Informatics, as part of its speaker series. Mr. Jackson addressed students and faculty on the future direction of aviation management, cybersecurity, e-enabled aircraft and "big data" applications.

Topics ranged from digital tracking to newer roles being introduced into airline management such as digital certificate

experts. Attendees engaged in the discussion of predictive maintenance versus reactive maintenance and its efficacy in the near future. Mr. Jackson also referenced Vaughn College's associate level to master's degree in airport management.

"Vaughn provides students with a great education on how to use newer technology and tools," he said. "But a crucial step toward success is effectively using the knowledge of these new technologies."



Dennis Jones Details International Training

Dennis Jones, managing director of the National Transportation Safety Board (NTSB) spoke to Vaughn students about his role as a leader in transportation

safety. His appearance was also part of the management department speaker series.

Jones recounted enduring NTSB safety training that was conducted in several countries, including climbing Kenya's famous Mount Kenya and traversing through Sudan in 130-degree weather. He detailed the type of problem-solving that went into safety training in Bali and the rigorous work that went into an accident investigation in California. "The training opened my eyes to the variety of potential problems that might arise country by country." He noted that the most difficult part of investigating accidents is applying the training received, which follows certain protocol, to each individual situation. "It's very much like detective work where you need to analyze the different pieces of each situation, apply your training, and figure out what fits and doesn't fit to connect it all together," said Jones.



Matthew Pearce Discusses the Power of Challenging Work

Matthew Pearce, guest speaker for the engineering department's industry connection seminar speaker series, spoke about his work as an education program specialist for

the National Aeronautics and Space Administration. Along with recounting his time with the Goddard Institute of Space Studies (GISS), he discussed internship opportunities for current students, fellowship programs and additional career opportunities.

"Before NASA, I never worked in an environment where I loved getting up and going to work," said Pearce. "There's a great culture at NASA that really inspires and challenges you. You're lucky that Vaughn pushes you in a similar way."

Pearce also reviewed the NASA GISS climate change research initiative (CCRI), a yearlong STEM engagement opportunity for STEM educators to work directly with NASA scientists and lead research teams to develop STEM curricula for their current classes and improve STEM education within their communities.



Michael Joseph '81 Discusses Exciting Technology Applications

Michael Joseph '81, senior project engineer of the manufacturing, technology and engineering division

for Corning Incorporated, discussed his research experience in cutting high-strength glass, gave a presentation on advanced scoring platform capabilities in the manufacture of glass-related products, and reviewed current innovations in machines used in the industry. Joseph also discussed internship and job opportunities at Corning.

Joseph gave his background to students and went on to describe how Corning is one of the world's leading innovators in material sciences developing catalytic converters and the Gorilla Glass used in iPhone and Samsung phones. He discussed the introduction of Gorilla Glass technology in future automobiles, allowing the user to adjust the opacity of the window tint.



Manny Santana '13 Knows the Power of an Engineering Degree

The engineering and technology department welcomed alumnus Manny Santana '13 as a featured speaker for its

Industry Connection Seminar series. Santana graduated with a degree in mechatronic engineering. He is currently a quality assurance specialist for the Department of Defense and was

thrilled to generate interest in the engineering industry by speaking with current students.

"Manny is one of the many graduates who have returned to share with current students the many different opportunities available to them," said Dr. Hossein Rahemi, chair of the engineering and technology department.

Santana covered professional development, the definition and processes of the international organization for standardization (ISO) and quality management principles. He also touched on the importance of evidence-based decision-making and a process approach to critical problem-solving.

"The engineering professors at Vaughn really helped me prepare for my postgraduate experience," said Mr. Santana. "They were my mentors and that led to my position in quality management."



Denis Bonnet Says "Embrace the Future"

Denis Bonnet, chief innovation officer at Thales Avionics, gave an exciting presentation on the history of Thales, the evolution of avionics systems and a

primer on where the industry may be heading with the increase in drones and the development of autonomous vehicles.

Bonnet is based in France, where he has worked with Thales for 15 years. He currently oversees innovation processes for the avionics business line, which includes: flight avionics, in-flight entertainment, electrical systems, training, and simulation and medical devices. He has also led the company's efforts in cockpit innovation, human engineering for the Cockpit Center of Competence, safety, software engineering and project management.

"After seeing Bonnet's presentation, I felt that I was able to get a better understanding of the advancements happening in the aerospace industry," said Niki Taheri '20, a mechatronic engineering major who attended the event. "It was interesting to hear how Thales wants to use new technologies to move the industry forward."

Following Bonnet's presentation, seven Vaughn College students and Mudassar Minhas, assistant professor in the engineering and technology department, were given a tour of Thales' avionics facilities in Piscataway, New Jersey.

"I am excited to know that the skills students acquired through Vaughn's courses meet the needs of the industry," said Minhas.

THREE NEW PROFESSORS JOIN THE ACADEMIC COMMUNITY

With the recent additions of the new Bachelor of Science degree programs in electrical and mechanical engineering, new faculty members were brought on to enhance the curricula and grow the enrollment for Vaughn's engineering programs.

MARLYN GOYA

Assistant Professor, Arts and Sciences Department

After more than 20 years as a faculty member, two of which have been as an adjunct professor at Vaughn, Goya has become a full-time assistant professor in the College's arts and sciences department. Goya is an important addition to the team because all students in baccalaureate programs are required to complete a core curriculum in the arts and sciences as part of their degree requirements.

The curriculum includes scientific reasoning, technical skills, information literacy, critical thinking, quantitative reasoning, written communication, oral communication, values and ethics, and diverse perspectives. This academic focus reflects the College's mission and what the institution believes is essential to students' education and development.

Goya has a master's degree in chemistry from Long Island University; a Bachelor of Science degree in chemistry from York College, City University of New York (CUNY), and an advanced

certificate in the leadership of education from Queens College. She has been an adjunct professor and lecturer in general chemistry, organic and biological chemistry, and laboratory at LaGuardia Community College, St John's University and Queensborough Community College. Earlier in her career, Goya was a scientist focusing on research chemistry at Wyeth Pharmaceuticals. She will be essential to the completion of Vaughn's new chemistry laboratory for engineers and the development of new chemistry elective courses.



Assistant Professor Marylyn Goya instructing students in new chemistry lab.

DR. DOUGLAS JAHNKE, PhD, DR. SUNDARI RAMABHOTLA, PhD, Named Assistant Professors, Engineering and Technology Department

With the rapid development of technology in the information era, the demand for well-trained engineers is greater than ever. Vaughn has hired two outstanding professors, Dr. Douglas Jahnke and Dr.



Assistant Professor Douglas Jahnke

Sundari Ramabhotla, to join the team. They will be a key part of Vaughn's goal of producing highly motivated and versatile engineering and technology graduates who stand out from the crowd.

Jahnke has a doctorate in mechanical engineering and a bachelor of engineering degree, magna cum laude, in mechanical engineering, from CUNY. He has extensive fellowships, awards and honors, including a CUNY PhD fellowship; Dr. Peter L. Tea Outstanding Student Award; Engineering School Alumni Award, Mechanical Engineering; The Jerry Podell Scholarship; Peggy

Cornell Benline Scholarship; and Municipal Engineers of the City of New York. He has also been Inducted into the Tau Beta Pi engineering honor society and was the first-place winner of the American Society of Mechanical Engineering (ASME) District A Old Guard Oral Presentation Competition.

Before joining Vaughn, Jahnke was assistant professor and a teaching adjunct at the City College of New York's department of mechanical engineering. He is also currently a research assistant with the US Army—TARDEC and an engineering consultant with the Department of Mechanical Engineering, both at The City College of New York. Douglas has also published numerous cutting-edge and well-received articles and conference papers. In addition, he is an intern engineer with the University of the State of New York, a member of ASME and past president of the City College of New York ASME student section.

Ramabhotla joins Vaughn with a doctorate in electrical engineering from Texas Tech University, with a special focus on power systems, microgrids, renewable energy, sustainable energy and resiliency. She also has a master's degree in electrical engineering from California State University and a bachelor of technology in electrical and electronics engineering from Jawaharlal Nehru Technological University in India. Ramabhotla also has an engineering in training in the fundamentals of engineering from the Texas Board of Professional Engineers. She is also recognized as a lifetime member of the Tau Beta Pi Honors Society.

Prior to joining Vaughn as assistant

professor of electrical engineering, Ramabhotla was an assistant graduate adviser, instructor and post-doctoral research assistant at the National Wind Institute at Texas Tech University. She was also graduate research and teaching assistant at Texas Tech University's Department of Electrical and Computer Engineering. Instrumental in the execution of numerous projects, Ramabhotla was involved in the simulation of power electronics



Assistant Professor Sundari Ramabhotla

converters, simulation of three-phase inverter-conditioning circuits and GSM-based home automation.

In addition to publishing more than 11 articles, Ramabhotla has presented numerous papers and seminars. In addition, she is extensively involved with professional service activities and is a member of the Institute of Electrical and Electronics Engineers (IEEE), the Wind Energy Student Association and a lifetime member of the Society of Women Engineers (SWE).

NEW DEAN OF STUDENTS | Elaine T. White

Her first day on the job was spent in a daylong workshop that provided the perfect entry point for her new position by examining how the institution and student affairs can develop new ways to continually improve.

“I could not have asked for a better way to begin my journey at Vaughn,” says Elaine T. White, the new dean of students, “By having an opportunity to be strategic from my very first day and work with the staff on new assessment practices, it provided a great way to be introduced to this dynamic community.”

White is an experienced leader in higher education who is committed to diversity, equity, collaboration and student success. She comes to Vaughn with a wealth of leadership experience in student affairs. Her last appointment was with The College of New Rochelle (CNR), where she spent five years serving as both dean of students and vice president. In this role, she was responsible for institutional compliance with governmental mandates and leading strategic initiatives. Prior to her time at CNR, White worked at Manhattan College for 19 years with increasing levels of responsibility for residence

life, student activities and student development.

White earned her bachelor’s degree in media arts/communications from Long Island University and her master’s degree in counseling from Manhattan College while working there. She is actively pursuing a doctorate in education from St. John Fisher College in executive leadership, a degree she anticipates completing within the next several months. Kathy Deaner, interim vice president of student affairs, commented on the appointment, “Elaine is a welcome addition to the staff. I am looking forward to her active input in enriching the student experience and staff development.”



“BY HAVING AN OPPORTUNITY TO BE STRATEGIC FROM MY VERY FIRST DAY AND WORK WITH THE STAFF ON NEW ASSESSMENT PRACTICES, IT PROVIDED A GREAT WAY TO BE INTRODUCED TO THIS DYNAMIC COMMUNITY.”

OKTOBERFEST ON THE EAST RIVER OCTOBER 7, 2017



◀ Alumni took part in the annual Oktoberfest celebrations at the Zum Schneider Tent along the East River. They enjoyed German-style food and live music by Mosl Franzi and the JaJaJa's.

► Alumni and supporters of the College rang in the holidays by attending the annual holiday reception. Everyone enjoyed live music from the Vaughn Music Club as they toasted to the New Year.

ALUMNI HOLIDAY RECEPTION DECEMBER 7, 2017



SOUTH FLORIDA RECEPTION MARCH 3, 2018



◀ Alumni from the South Florida area gathered for a regional get-together at 94th Aero Squadron in Miami. The attendees reminisced about their time at Vaughn and the valuable education they received.

► The management department invited management and air traffic control alumni to a special get together. Attendees were able to test out the ATC simulators and share advice with current air traffic control students.

MANAGEMENT ALUMNI RECEPTION MARCH 29, 2018



ENGINEERING ALUMNI RECEPTION APRIL 12, 2018



◀ Engineering alumni were invited back to campus for a social networking reception. Dr. Hossein Rahemi, department chair, was on hand to greet the graduates as they reconnected with each other and faculty members.

► UPCOMING EVENTS

SEATTLE/YELLOWSTONE TOUR

Wednesday, August 22 to Monday, August 27

Join the alumni association for a six-day tour of Seattle and Yellowstone National Park. Featured attractions include a sightseeing tour of the Seattle Space Needle, Lake Coeur d' Alene, Yellowstone Grand Canyon and Falls, Mammoth Hot Springs and West Thumb Geyser Basin. Travel and accommodation fees will apply.



For more information contact Neil Gouveia, director of alumni affairs at 718.429.6600, extension 112 or neil.gouveia@vaughn.edu.

NEW FACES, NEW PLACES

The staff and faculty who are in new positions or joined Vaughn College recently:

STAFF

Veronica Cadena

collections coordinator, bursar

Cecilia Haralampopoulos

assistant director, bursar

Maureen Kiggins

assistant vice president, public affairs from director

Janna Losow

counselor, admissions

Juan Martinez

customer care representative, bursar from assistant bursar/collections coordinator

Phil Meade

assistant vice president, career services from executive director

Heidy Montano

receptionist, admissions

Bhanmattie "Tasha" Pooran

assistant counselor, financial aid

Luis Santana

director, academic affairs from assistant to the senior vice president

Pamela Sookralli

senior library administrative assistant from library associate

Colleen Thornton

counselor, admissions

Sarah Tsang

assistant director of student activities and engagement, student affairs

FACULTY

Marlyn Goya

assistant professor, arts and sciences from adjunct

Dr. Douglas Jahnke

assistant professor, engineering and technology

Dr. Sundari Ramabhotla

assistant professor, engineering and technology

VAUGHN COLLEGE *Gala*

RAISES MORE THAN \$340,000!

The Vaughn College Gala 2017 was a record-setting success that honored the President of Embraer Aircraft Holding Inc., Gary J. Spulak, for his role as a global leader of the aviation and transportation industries and celebrated his committed support of Vaughn. The 4th Annual Gala, held on Thursday, November 9th in the William DeCota Hangar, was an opportunity for professionals in the industries the College serves to connect with students, faculty and staff and learn how they can help support the Vaughn community. The proceeds from the evening were used to fund scholarships and other key institutional priorities. "Gary and Embraer have been so generous in their support of Vaughn College and have a strong commitment to aviation education, internships and career opportunity," said DeVivo. "We are deeply appreciative of their generous sponsorship and equipment donations, which will directly benefit students in our aviation maintenance programs." More than 290 attendees and a record number of sponsors and patrons made for a successful and fun evening for all. Planning is underway for Vaughn Gala 2018, which will be held Thursday evening, November 8, 2018.



Top: Honoree Gary J. Spulak addresses the Gala guests.
Bottom: Board Members Ozwin E. Moore, Thomas I. Apperson and Douglas Izarra.



Top: President Dr. Sharon B. DeVivo with Stefan Holt, WNBC reporter and Gala emcee for the evening.
Bottom: Spulak makes his way to the stage.



Engineering and Technology Department Chair Dr. Hossein Rahemi, Associate Professor Dr. Shouling He, Professor Gerard Sedlak '73 (retired), Arts and Sciences Chair Dr. Margaret Ducharme, Professor Thomas Broschart and Tanya Broschart.



Board Chair Thomas J. McKee, Patricia McKee and Stefan Holt with Vaughn students Kevin Smith '18 and Paolo Adragna '18.

REACHING FOR THE SKY... VAUGHN'S TOWER TURNS 20



IN 1992 VAUGHN COLLEGE PURCHASED THE PROPERTY THAT THE NEW CLASSROOM BUILDING, HANGAR AND TOWER RESIDE ON.

Construction began in 1997 and a topping-out ceremony, a long-held construction tradition, took place to signify the last beam posted to the highest point of the steel construction. The president, various board of trustee members, the student government president and some faculty and administration signed their name to the last beam before it was hauled to the top of the structure and secured.

The project was completed in the spring of 1998, providing students with an impressive new facility and unparalleled views of the LaGuardia Airport runway from Vaughn's tower.