Helen Wessel's gifts to Embry-Riddle are a blend of art and science.
It’s easy to recognize the strengths upon which that foundation is built: Embry-Riddle has a proven reputation and a global presence; a world-class online distance learning system (No. 1 in the United States); two thriving residential campuses and 135-plus satellite campuses in 33 states and nine countries; a growing enrollment, which now totals more than 31,000 students across our campuses; and a strong base of loyal alumni, aviation enthusiasts and corporate friends.

Clearly, we’re doing well — and it’s in large part because of you. Your support over the years has made all the difference in who we are today as a university and the value we deliver to students, graduates and industry partners.

You’ll read in this Impact Report that the university raised more than $9.7 million through your collective donations and commitments this past fiscal year. It’s been over a decade since we hit this high point in philanthropy at Embry-Riddle, which is a powerful testimony to your generosity and dedication. Thank you for all you do.

Your contributions continue to transform our university in many ways. In these pages you’ll encounter just a few, including an endowed faculty chair that kick-started the first undergraduate aerospace physiology program in the United States (see Page 14), a planned gift that is establishing an engineering scholarship for the Worldwide Campus (see Page 18) and a crowdfunding campaign that helped students design, build and fly an unmanned aircraft system (see Page 8).

With this strong and impactful year of giving, I think we’re at a great launch point for an incredible future. Your continued investment means Embry-Riddle will keep growing and changing the lives of everyone it touches — our students, the aviation and aerospace industries we serve and the greater global society in which we live.

Again, thank you for making a difference at Embry-Riddle.

Sincerely,

P. Barry Butler, Ph.D.
President
In fiscal year 2017, 3,448 donors contributed to Embry-Riddle — a new record. Thanks to such unprecedented participation, the university raised nearly $9.7 million, the highest level of giving recorded in the last decade.

With its fundraising efforts this year, Embry-Riddle made great strides in strengthening its faculty. Donors contributed $2.1 million toward faculty support in the form of chairs and professorships — a historic high for this area of giving.

For the eighth consecutive year, our students benefitted from the greatest donor support with $4.7 million dedicated to attracting and retaining tomorrow’s leaders through scholarships and fellowships.

Donor contributions to facilities and academic programs remained strong at $1.9 million, reflecting their commitment to building a technology-rich environment where students have the best facilities and programs to translate information, ideas and skills into tools for problem solving.

Embry-Riddle’s endowment continues to grow, with an end-of-year balance at approximately $126,389,000.

PHILANTHROPY

BY PURPOSE

Scholarships/Fellowships — $4,780,502
Faculty Support — $2,131,359
Facilities/Equipment — $1,420,314
General/Unrestricted — $810,039
Programs/Outreach — $548,417

PHILANTHROPY

BY SOURCE

Friends — $5,966,892
Corporations — $1,961,646
Alumni — $759,030
Foundations — $642,529
Parents — $211,682
Faculty/Staff — $156,543

Friends
Corporations
Alumni
Foundations
Parents
Faculty/Staff
Total: $9,699,231

EMBRY-RIDDLE ENDOWMENT MARKET VALUE FY17

$126,389,000*

A strong financial market coupled with a wise investment strategy resulted in a boost of more than $15 million to Embry-Riddle’s Endowment Market Value.

OVERALL DONORS

The number of donors has grown 86 percent since 2001 — up 2 percent from the last fiscal year.

2017

3,448

2016 — 3,378
2015 — 3,111
2014 — 3,233
2013 — 2,989
2012 — 2,947
2011 — 2,942
2010 — 2,732
2009 — 2,712
2008 — 3,028
2007 — 3,000
2006 — 2,295
2005 — 2,301
2004 — 2,150
2003 — 1,840
2002 — 1,399
2001 — 1,857

**Total value of the University’s Long-Term Investment Portfolio, which includes endowed funds and other long-term investments. Factors such as investment return, additions to the fund, and other long-term investments will impact the market value.

MAKE AN IMPACT: GIVINGTO.ERAU.EDU
LEGACY SOCIETY

Recognizing donors who include Embry-Riddle in their estates, the Legacy Society supports multiple generations of aviation/aerospace leaders.

LIFETIME & LEGACY DONORS

We are grateful to all of our donors and for each contribution made. Large and in small, it is an effort to save costs and to be a more responsible steward of our natural resources, the comprehensive list of Embry-Riddle’s annual donors is published online only. Please visit giving.erau.edu/donor-recognition and click on “GIVE” to view and search the entire listing.

GULFSTREAM AEROSPACE CORPORATION

Rockwell Collins
Gen. William W. Spruance Foundation
State of Florida
URS

aluMMIuM aNd FRIenDs

Matthew Anderson (78, DB)
Estate of Fanahid K. Bababazeh
James (’88, ’96, DB) and Sue Berry
Charitable Foundation
The Robinson Foundation
Bill & Moya Lear Charitable Foundation
Lockheed Martin Corporation

MAG Aerospace
Maimon Foundation
Mead Witter Foundation
The Maimon Foundation
Air America Foundation
The Robinson Foundation
Robot Company Sededo
Telemach Aircraft
Tetron Aviation
The Albert L. Ueltschi Foundation
United Technologies Corporation
Universal Helicopters

US Airways
The Washcowa Foundation
Wells Fargo Bank
The Wings Club Foundation

John Paul Riddle Society

Named for John Paul Riddle’s entrepreneurial
Paul Riddle Society recognizes donors who
Honoring Embry-Riddle’s founder, the John
JOHN PAUL RIDDLE SOCIETY

to Embry-Riddle total $1 million or more.

Jack R. Hunt Society

Named for John Paul Riddle’s entrepreneurial partner and Embry-Riddle’s co-founder, the T. Higbee Embry Society recognizes donors with lifetime and/or planned gifts of $100,000 or more.

T. HIGBEE EMBRY SOCIETY

Recognizing donors who include Embry-Riddle in their estates, the Legacy Society supports multiple generations of aviation/aerospace leaders.

CORPORATIONS AND FOUNDATIONS

AAR Corporation
Alon Airline Transport Avionics
American Airlines
Associated Aviation Underwriters
Aviation Education Foundation
Brown & Brown Insurance
Cessna Foundation
Coble & Coble
Combined Federal Campaign
Command Military Medical
Computer Presentations and Training
Consolided-Tomoka Land Company
CSP Enterprise
Dade Community Foundation
Dassault Falcon Jet Corporation
Tina W. Davis Family Foundation
Tom Davis Fund
Daytona Aerospace Industrial Park
Joint Venture
Daytona Mitsubishi/Kia
Delta Air Lines
DS SolidWorks
Embry-Riddle Board of Visitors Association,
Daytona Beach
Daytona Beach Racing & Recreational
Facilities District
Fiat/Chrysler
International Corporation
Robinson Research Group

DORON RECOGNITION LIST IS ONLINE

CORPORATIONS AND FOUNDATIONS

Air Force Association
Aircraft Owners & Pilots Association
Analytical Graphics
The Boeing Company
Edyth Bashel Charitable Foundation
Constellation Productions
Cowan Partners
Daytona Beach Campus
Student Governing Association
Daytona Beach Racing & Recreational
Facilities District
Fiat/Chrysler
International Corporation
Robinson Research Group

GENERAL ANNOUNCEMENTS

THE LEADERSHIP GIFT SOCIETIES CONTINUE TO BUILD THE LEGACY THAT IS EMBRY-RODDEY. THE LEADERSHIP GIFT SOCIETIES RECOGNIZE THE GENEROSITY OF THOSE DONORS.
Lorenzo Cabral fell in love with flying after his dad took him to an air show in middle school. “Seeing an F22 Raptor flying at a high pitch attitude and full afterburner sparked my love for aviation,” says the senior at Embry-Riddle’s Prescott Campus. So it meant a lot to Cabral to receive a $10,000 Distinguished Scholar Award from The Wings Club Foundation, an organization whose members share his passion for aviation. Financially, it also helped Cabral. “The generous giving of The Wings Club helped propel me through most of my multi-engine courses,” says Cabral, who plans to become a commercial pilot.

A HISTORIC ORGANIZATION

The Wings Club was formed in 1942 by several prominent American aviation leaders to address issues facing the aviation industry. Over the years, the club has grown in stature and membership and remains a platform for the discussion of aviation and aeronautical topics.

In 2014, The Wings Club merged with The Wings Club Scholarship Fund to form The Wings Club Foundation, and its mission was expanded to support scholarships for aviation or aerospace students.

“One of the club’s basic tenants is to promote aviation, and there is no better way to do that than by investing in our future aviation professionals. Providing scholarships to these stars of the future is one way of continuing to attract the best and the brightest into our industry and to assure its future success,” says C. Jeffrey Knittel, a 1980 graduate of the Daytona Beach Campus, former club president and an emeritus member of the Board of Governors of The Wings Club.

Embry-Riddle has received more than $200,000 in Wings Club scholarship support since 2002.

CLUB CELEBRATES STUDENTS

Each October, the student recipients attend The Wings Club Annual Awards Gala in New York City to receive their scholarship awards. Cabral and Lindsey Hanbidge, who graduated in May 2017 from Embry-Riddle’s Daytona Beach Campus, both attended the black-tie event at the Waldorf-Astoria Hotel last fall.

Hanbidge, who earned a B.S. in Aviation Business Administration in May, received a $30,000 Wings Club Scholarship. “I was blown away when I received it,” says Hanbidge, who is now a revenue management analyst for American Airlines. “Going to New York for the event really put the award in perspective for me. I was really honored to meet so many industry leaders.”

Both Cabral and Hanbidge say they ultimately hope to give back themselves someday. “I will be forever grateful to The Wings Club for their generosity,” Hanbidge says.

CULTIVATION

PRESTIGIOUS AVIATION CLUB SUPPORTS EMBRY-RIDDLE STUDENTS WITH SCHOLARSHIPS

BY MÉLANIE STAŁWICKI AZAM

Lorenzo Cabral (far left)
Senior, Prescott Campus
Wings Club Scholarship recipient

Lindsey Hanbidge
’17 Daytona Beach Campus
Wings Club Scholarship recipient

“Providing scholarships to these stars of the future is one way of continuing to attract the best and the brightest into our industry and to assure its future success.”

— C. JEFFREY KNITTEL
’80 Daytona Beach Campus
Former Wings Club President

Since 2002, The Wings Club has contributed $217,000 in scholarship support.

$217,000
With the help of Embry-Riddle’s crowdfunding platform, the Design-Build-Fly club at the Daytona Beach Campus was able to finish eighth among 140 schools from around the world at the 2017 American Institute of Aeronautics and Astronautics (AIAA) competition.

The crowdfunding website, crowdfunding.erau.edu, allows students and faculty to promote their projects directly to would-be donors and solicit support.

“Individual contributions of all sizes can potentially impact the student experience and research at the university through crowdfunding,” says Yoon Van Hout, director of annual giving at Embry-Riddle. “It’s the power of collective giving at work.”

The Design-Build-Fly (DBF) club’s success is an example. The club raised more than $9,000 through Embry-Riddle’s crowdfunding site.

“We had a set amount given to us by the school, and we also needed to get to competition [in Tucson, Ariz.]. Having the crowdfunding dollars to get us there allowed us to focus the rest of our finances on improving the design,” says Max Siege, an aerospace engineering major who led the manufacturing and fundraising efforts for the 2017 team. “I had the team really reach out to every single person who could support us. Friends and family are good, but you definitely have to reach out to alumni. It ended up working.”

SUCCESS FROM THE GROUND UP

Siege says 2017 was the club’s fourth time to design and build an unmanned aircraft system (UAS) for the annual AIAA contest. “The competition is drastically different every year, requiring a new ground-up design each time,” he says.

With Raytheon Missile Systems as a sponsor of the competition, the 2017 contest required launching the UAS out of a tube. The plane would then unfold its wings and take flight. Through revision, Siege’s team reduced the fuselage weight to just over one pound.

“We made a rather simple rectangular wing that would rotate about the center of a small fuselage, and a long, thin boom that would telescope out to a very long tail. That allowed us to really compact our plane to carry the substantial payload of three hockey pucks,” Siege says.

HELPING HANDS

In addition to displaying its engineering expertise, the Embry-Riddle team exemplified good sportsmanship at the contest. Upon arriving at the competition, they encountered an Indian team that consisted of just one person because the rest of the team was stopped at U.S. Customs and sent back.

“Customs had taken all of his batteries, all of his tools; he literally just had his airframe and motor,” Siege says. Embry-Riddle DBF club members volunteered to help wire and reattach the Indian team’s UAS. “We actually got it to fly a couple times! When it crashed, we got other teams to help out with spare parts. We helped him rebuild his entire plane again before the end of the competition, just so he could see it flying one last time.”
The child of poor Latvian immigrants, Dr. Hyman L. Bloom, M.D., cared for generations of families living in the tenement houses and blue-collar neighborhoods of Boston. “My dad was the last generation of physicians to make house calls,” recalls Richard Bloom, who is chief academic officer at Embry-Riddle’s Prescott Campus. “He would make house calls in the morning, have office hours in the afternoon and evening and make more house calls at night.”

Hyman Bloom passed away in 2014 at the age of 92, always emphasizing the importance of education and service to others.

In his honor, Richard and his wife, Nancy, created the Dr. Hyman L. Bloom Memorial Phi Kappa Phi Endowed Scholarship for Women, which aims to benefit female students who are the first in their families to attend college and members of the prestigious Phi Kappa Phi honor society.

Before his dad died, Richard talked with him about the legacy he wanted to leave. Hyman especially wanted his scholarship to help women, who historically were not given the same educational opportunities as men, Richard says.

“The scholarship was a joint decision between my dad and me,” he adds. “Education meant everything to my family, and my dad’s whole life was that of service.”

SERVING OTHERS

Hyman’s parents immigrated to the United States in 1919, with almost nothing. But Hyman’s father, Samuel, eventually became co-owner of a small briefcase factory and saw his son excel in college, graduate from medical school and become a general practitioner.

“My father had an unwavering belief in the United States as a land of opportunity and that education was essential to success,” says Richard.

After serving as a doctor in the Korean War, Hyman practiced in the Boston area for 44 years. He provided medical services for free or reduced rates to those who couldn’t afford to pay and was known for his kindness, humor and generosity.

Hyman’s medical waiting and examining rooms were located in the front two rooms of the family’s small apartment. The home had a small kitchen and one bathroom that he and his wife, Gloria, who was a nurse, Richard and his brother shared with patients. The marriage of personal space with public purpose sometimes created family situations a little outside the norm.

“When I was a little kid, I fell out of a tree and broke my arm swinging from branches during a 1950s Tarzan craze. My fellow Tarzans put me in a little red wagon and wheeled me into the waiting room,” Richard recalls. “My father, after taking a look and making sure I was comfortable, told them and me to wait. The other patients seemed to like this. I do now but am not sure I did at the time.”

After a short retirement, Hyman served as a contract military physician at the New England Military Processing Center in Boston until he was 91. He provided physicals for military recruits before they shipped out for basic training.

Hyman’s gravestone includes the inscription, “Physician of the People,” and Richard says his dad took comfort in knowing that this scholarship would allow him to continue helping others, even after his death.

“He hoped it would set an example that education is for everyone with motivation, ambition and capability — that success is for anyone who dares to try to be successful,” says Richard.
Libin Daniel has his dream job, working as a flight test engineer for the aerodynamics and performance team at Gulfstream Aerospace. Achieving his dream wasn’t easy, though. As a student, he took a full load of classes, conducted research projects and worked multiple part-time jobs in order to make ends meet.

“This is all I ever wanted to do,” says Daniel, a 2012 graduate of Embry-Riddle’s Prescott Campus. Born in India, he longed to study aerospace engineering in the United States, but financing his education was a hurdle. As an international student, he qualified for only a handful of scholarships. But Daniel says the awards he received were critical in helping him to graduate. That’s why he created the Daniel Scholarship for International Students at Embry-Riddle’s Prescott Campus.

“I wanted to pay it back,” he says. “I was on the other side, and I know how liberating it is to get a scholarship. It takes a lot of weight off your shoulders, encourages you and helps you stay motivated to finish the course you set out for.”

Although they weren’t wealthy, his parents supported his dreams of studying in the United States, says Daniel. His dad also took out a loan, with their only property as collateral, to support his visa paperwork. Daniel applied for scholarships, internships and worked on campus to earn his living expenses.

“It was very stressful,” he says. “I was on the other side, and I know how liberating it is to get a scholarship. It takes a lot of weight off your shoulders, encourages you and helps you stay motivated to finish the course you set out for.”

The faculty and staff at Prescott were incredibly supportive as well, especially Lance Traub, a professor of aerospace and mechanical engineering. Daniel says. He assisted Traub with aerodynamics research at the wind tunnel facilities on campus, and Traub helped him publish peer-reviewed journal articles. The research helped Daniel secure a full ride for a graduate program at Oklahoma State University.

A week before graduating with his master’s degree in mechanical and aerospace engineering, Daniel landed a job at Gulfstream.

“I applied at Gulfstream more than 50 times since my freshman year at ERAU for internships, co-ops and full-time positions, before they gave me an interview,” he says.

Almost immediately after joining Gulfstream, he decided to create a scholarship to help other international students at the Prescott Campus. He was 24 years old at the time. Daniel says he wanted to dedicate the scholarship to his father, who helped him tremendously in achieving his long-cherished goals.

Now, Daniel’s gift is helping other students pursue their dreams, including Kiranjyot “Jasmine” Gill of Canada. A senior studying space physics, Gill says the Daniel Scholarship eased her financial worries, so she could focus on her studies and future career plans. The first recipient of the Daniel scholarship, Gill worked with Prescott Campus faculty on the Laser Interferometer Gravitational Wave Observatory’s (LIGO) 2015 detection of merging black holes. She was the youngest author on the paper published in Physical Review Letters announcing the landmark LIGO discovery.

“My success will be, in part, a result of his kindness,” says Gill.
Helen Wessel’s relationship with Embry-Riddle began later in life, but in some ways it seemed almost fated. The retired art professor first encountered the Embry-Riddle name at Lunken Airport in Cincinnati, Ohio.

“My husband Bob flew a little yellow airplane, a Piper Cub,” Wessel says. “He would fly it out of Lunken Airport where Embry-Riddle was started. One time we left the car there in the hangar and I noticed a sign on the wall that said, ‘Embry-Riddle University started here in 1925.’ I thought, ‘That’s interesting, I started the same year in Cincinnati.’”

Little did Wessel know at the time that she and the university would reconnect decades later, when she and her husband, now deceased, retired and moved to South Daytona. The couple became close friends with Col. Charles “Chuck” D. Fountain, a 1972 graduate of the Daytona Beach Campus, who spent 18 years as the university’s director of business and director of facilities. As Wessel got to know the university and its students better, her bond with Embry-Riddle grew.

For nearly 20 years, Wessel has transformed the Daytona Beach Campus with her donations of iconic artwork and gifts. In May, the university awarded her an honorary Ph.D. in Arts and Letters in recognition of her support. She was hooded by then Chancellor Tim Brady and Dean of the College of Arts and Sciences Karen Gaines.

Now, Wessel is poised to transform the university yet again with her most recent gift to create The Dr. Robert H. Wessel and Dr. Helen M. Wessel Endowed Chair for Aerospace Physiology.

“She wanted to have a greater legacy than artwork, one that would have a lasting impact on the people who come here,” says Brady, a longtime friend of Wessel as dean, chancellor and now the professor of doctoral studies for the College of Aviation at the Daytona Beach Campus.

The new faculty chair at the College of Arts and Sciences at the Daytona Beach Campus will expand the curriculum at Embry-Riddle to include biological sciences and pre-medicine, which is expected to increase the diversity of the student body and attract more female students.

Wessel says, “This is the perfect model for my interests: science and smart women.”

With the program’s launch in fall 2017, the university becomes the first in the country to offer aerospace physiology at the undergraduate level.

A MODERN WOMAN

Born in 1925 in Cincinnati, Wessel was a woman before her time, becoming one of the first students to earn her master’s degree from Harvard University’s art education program.

“The beauty to our campus and the enhanced educational opportunities provided by Helen Wessel’s gifts truly provide a most important missing link for our university.”

— BILL GRAMS
Retired dean, College of Arts & Sciences at the Daytona Beach Campus

Where art and science converge: Helen Wessel’s gifts to Embry-Riddle include both artwork and an endowed chair for the university’s new aerospace physiology program. Far left: Detail of Reaching New Horizons commissioned by Wessel. Left: Rendering of synaptic transmission of the human nervous system.
An avid artist from a young age, she studied at the Cincinnati Art Academy in high school and earned degrees in art and education from the University of Cincinnati College of Design, Architecture and Art. She went on to teach art in Cincinnati public schools for 10 years.

While teaching in Massachusetts, Wessel earned her master’s degree from Harvard and then a Ph.D. in Art Education from the University of Cincinnati. She spent 20 years educating art teachers at the university, eventually becoming head of the department.

Wessel’s late husband, Bob, an economist who also taught at the University of Cincinnati, was a savvy investor — the fruits of which resulted in the founding of the Wessel Foundation in 1996, with the goal of supporting art and education. He also loved to fly.

EMBRY-RIDDLE CONNECTION

The couple retired as professors from the University of Cincinnati and moved to Florida with their beloved bulldogs. Wessel says she became acquainted with Embry-Riddle after meeting Fountain at Metz Bar in Daytona Beach Shores, where her best friend was a bartender.

“Bob said Chuck was the smartest guy he met in Florida,” she recalls. “Bob was so impressed with Chuck because he could fly everything.”

Embry-Riddle Dean Emeritus Bob Rockett, who spent 37 years at the university, says the couple became close friends with Fountain, who was a strong supporter of the university.

One of Wessel’s gifts to Embry-Riddle, a bronze plaque depicting “World War I, the Birth of Air Combat,” was dedicated in Fountain’s honor. The plaque was installed in 2012 on the Daytona Beach Campus. “The beauty to our campus and the enhanced educational opportunities provided by Helen Wessel’s gifts truly provide a most important missing link for our university,” says Karen Gaines, dean of the College of Arts & Sciences. “Helen is jumpstarting this program.”

The aerospace physiology program will be the pathway for pre-health majors and open doors for students who want to enter the armed forces, the private sector or pursue careers in research, she adds.

Wessel says she is excited to have the chance to make a significant impact on advancing science education at Embry-Riddle and encouraging more women to enroll at the university.

“Women so often lack confidence in science careers, so it is fitting that we partner with Embry-Riddle to support women,” says Gaines. “Helen is jumpstarting this program.”

A SHARED LOVE OF ART

Wessel also became friends with Brady, who formerly served as dean of the College of Aviation at the Daytona Beach Campus. The two shared a love of art.

“She called me the dean of arts and aviation,” says Brady, who is a stained-glass artist and teaches the craft locally. “I think we shared a common bond in that we knew if we did the right thing — as far as art for the institution — that it would last beyond either one of us.”

At Wessel’s 90th birthday celebration at Embry-Riddle, Brady presented her with a fused-glass sculpture that he created and entitled “Helen Wessel: The Face of Art at Embry-Riddle Aeronautical University.”

“I have collaborated with Helen on three of the sculptures installed at Embry-Riddle and have appreciated her unique blend of creativity and warmth,” says Brady. “She is a joy to be around and has added immensely to the culture of the College of Aviation.”

Wessel’s gifts of art to the campus include: the Great Cascading Fountains at the ICI Center; Reaching New Horizons, a multi-colored glass sculpture located inside the Flight Operations Center; Sky King, a bronze American bald eagle sculpture located in the Jim Henderson Administration and Welcome Center; Wings of Change, a hanging artwork in the College of Aviation Atrium; and Pathways to the Skies, the grand stainless-steel sculpture that dominates the James Hagedorn Aviation Complex plaza.

Wessel says she was inspired to support both the visual arts and Embry-Riddle, at the same time.

“I want to make everybody conscious of beauty,” she says. “Getting aesthetically turned on is the best thing that can happen to people.”

In addition to her gifts of artwork, Wessel also created an endowed fund to support arts and culture initiatives at the university’s College of Arts & Sciences. To date, the fund has been used to send students who are military veterans on study abroad experiences and to host distinctive one-person performance acts for the enjoyment of the campus community.

“Helen has been a great friend and supporter of Embry-Riddle,” says Bill Grams, retired dean of the College of Arts & Sciences at the Daytona Beach Campus. “The beauty to our campus and the enhanced educational opportunities provided by Helen Wessel’s gifts truly provide a most important missing link for our university.”

A LASTING IMPACT

Brady says the university was going to ask Wessel if she was interested in funding a piece of artwork for the new Daytona Beach Campus Student Center (scheduled for completion in 2018), but she had other ideas.

“She wants to have a greater legacy than artwork, one that has a lasting impact on the people who come here.”

— TIM BRADY
Former dean, College of Aviation and chancellor of the Daytona Beach Campus; professor of doctoral studies (current)

Ultimately, Wessel says her gift honors women with the intelligence and determination to follow their dreams.

“It is a perfect mix for me and Embry-Riddle,” she says.
Wayne Webster largely credits Embry-Riddle for his financial success. A 1998 graduate of Embry-Riddle’s Worldwide Campus, he says his Master of Aeronautical Science degree significantly increased his earnings — to the point that he was able to retire early.

“A college education is something that no one can take away from you,” he says. “I can’t encourage young people enough to go to college and stick it out. I know it’s hard work, but the effort is worth it.”

Webster can attest to the investment of time and money it takes to earn a degree. He put himself through school, working and attending classes full time. But, he says it was more affordable when he was a student. “When I started college in 1973, tuition was $16 per credit hour. I look at the current prices of tuition, and I’m just astounded.”

Through a planned gift to the university, Webster hopes to help others afford a college education and ultimately achieve financial security. The Wayne C. Webster Endowed Scholarship will benefit students studying engineering in the College of Aeronautics at the Worldwide Campus. Upon Webster’s death, the scholarship will be funded through his estate.

“Wayne’s gift will help future students earn their degrees, and it will also serve as a lasting testament to his generosity and his strong support of education,” says Kathleen Hennessy, senior director of development at Embry-Riddle.

‘GIVING BACK IS JUST PART OF LIFE’

A self-professing Christian, Webster says his faith informs his philanthropy. He says, “Giving back is just part of life, and not just money but also your time.”

Webster exemplifies this type of giving, as well. He volunteers at the Air Force Armament Museum at Eglin Air Force Base and is a longtime mentor and tutor at local elementary schools in the Florida Panhandle community where he lives.

He particularly enjoys tutoring young people in math. “I firmly believe that you either get or you don’t get a math gene,” he says. Webster got one and feels it’s his duty to help those who didn’t.

EDUCATION FUELS CAREER SUCCESS

Webster worked for Lockheed Martin for years, where he was involved in the engineering development of the Pershing II, Patriot and Hellfire missiles. He later worked as a civilian employee for the U.S. Air Force. Prior to retiring, he was an instrumentation engineer on many C-130 aircraft models modified for the U.S. Air Force Special Operations Command.

Webster says he wouldn’t have had a successful career without his education. It’s for this reason he believes so strongly in helping others achieve their educational goals.

Making a planned gift to Embry-Riddle was simple, Webster says. “I highly encourage and recommend everyone to give back.”
Contrary to the image his first name evokes, Dynamite Obinna says he likes to build, not destroy. He is also fascinated with aviation. As a child in Nigeria, he constructed an airplane out of cornstalks. He has a scar where a cornstalk tore his hand, to remind him of the experience.

“I’ve always loved to create new things,” Obinna says.

In 2010, Obinna was one of approximately 6,000 Nigerians to win a Diversity Immigrant Visa (DIV) to the United States. That year, more than 1 million people from his native country applied online for the DIV, or Green Card Lottery. Eligible lottery winners receive a Green Card, which grants them permanent residency and a path to citizenship.

“I came to the United States without knowing a single person,” says Obinna, who arrived in Philadelphia, Pa., with $200 to his name – a gift from his parents. He earned an associate degree from the Community College of Philadelphia and then transferred in 2013 to Embry-Riddle’s Daytona Beach Campus.

A JOURNEY OF ACHIEVEMENT

It was a difficult journey, but looking at his list of accomplishments, you’d never know it. Obinna is set to graduate in May with a Bachelor of Science in Aeronautics. He’s also formed his own business, SkyGenex Incorporated, after designing and patenting a unique jet bridge extension for commercial aviation. For his efforts he received a 2016 National Science Foundation Innovation and Research grant.

His invention, aptly named the Dynaerobridge, would allow passengers to board and deplane through both the forward and aft doors of an aircraft. A potential cost savings for the airlines, the jetway extension could reduce flight delays and aircraft idle time at the gate.

“I don’t want to be known as someone who worked for ‘such and such a company,’ but one who left a mark in STEM [Science, Technology, Engineering and Mathematics],” Obinna says.

SCHOLARSHIPS PROPEL SUCCESS

The Embry-Riddle senior says scholarships have played a big part in his success.

“If not for the investment of donors and gifts from those who believe in me, I probably wouldn’t have had the opportunity to be an exceptional student,” Obinna says.

Upon graduating, Obinna will fully dedicate himself to his company. The aim at SkyGenex isn’t limited to aviation, he says. “I want to build upon and apply technologies in beneficial ways that may not have been previously explored.” In addition to the jetway extension, Obinna plans to develop and market Virtual Reality applications for education and corporate businesses.

Obinna moved to the United States for the opportunities it afforded, but also to escape the civil unrest and daily threat of violence from terrorist groups in northern Nigeria.

“I didn’t just come here for an education,” Obinna says. “I came to start a new life.” He seems to be well on his way.
Gary and Stacey Becker didn’t know all of their son’s accomplishments: Andrew “Andy” Becker, a 2007 graduate of the Daytona Beach Campus, was far too humble to tout them himself. And, as a member of Air Force Special Operations Command, those accomplishments were often kept secret.

“We knew a little bit about what his plane did, the U-28. He’d be very careful about how much he would tell us. We knew he’d gotten some medals and promotions, but it was at the memorial service at Cannon [Air Force Base outside of Clovis, N.M.] that we got more of the story,” Gary says.

Andy died March 14, 2017, almost 10 years after receiving his officer’s commission at Embry-Riddle’s Air Force ROTC Detachment 157. The 33-year-old pilot from Novi, Mich., who is survived by his wife, Shelly, was one of three service members killed when their U-28A crashed near Clovis Municipal Airport.

A SHINING EXAMPLE

After Andy’s passing, Gary heard glowing accounts of his son from colleagues and superiors alike. “He was a captain, due to be a major. They gave it posthumously to him. I watched a service held at Embry-Riddle where Lt. Missi Patterson was asked to speak. It was a wonderful thing when she said: ‘He was the officer I hope I can become.’ That’s pretty special stuff to hear about your son.” Patterson served with Andy in the same special operations squadron in New Mexico.

It was a tragic end to a stellar career, where he served nine combat deployments and earned 22 medals along with various awards, promotions and honors. Gary says Andy had natural skills and abilities, especially when it came to sports, but he didn’t always apply himself in the classroom. “It wasn’t automatic that he would succeed,” Gary says.

But after 9/11, Andy found a cause that struck a chord with him. He set his sights on Embry-Riddle because its Air Force ROTC detachment was the biggest and best in the country. “His grades got better. It gave him a chance to develop leadership skills. It gave him discipline to see something through,” Gary says.

That’s why, when they were considering a memorial plaque or other symbol of remembrance, Gary and Stacey decided to endow a scholarship in Andy’s name.

“We truly believe that Embry-Riddle and the ROTC detachment were the pivot points for him. This scholarship was our way to perhaps inspire the next Andy Becker.”

— GARY BECKER

Father of fallen Eagle, Andy Becker

That’s why, when they were considering a memorial plaque or other symbol of remembrance, Gary and Stacey decided to endow a scholarship in Andy’s name.

“We just thought a scholarship, rather than a memorial on the ground someplace, would be more permanent and inspirational,” Gary says. “It’s our way to say thank you. We truly believe that Embry-Riddle and the ROTC detachment were the pivot points for him.

“This scholarship was our way to perhaps inspire the next Andy Becker.”

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