# UNIVERSITY OF





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## BLUE HENS PROVE THAT PURPOSE IS POWER.

# BLUE HEN FOOTBALL KCKS OFF THE NEW SEASON

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# **VOL.26** NO.2

### **FEATURES**

#### THE POWER OF PURPOSE

In her work to help survivors of domestic violence, Christina Principe, EHD96, sees echoes of her own arduous past

#### UD'S ENDURING VOICE

From WHEN to WVUD, the University's radio station has come a long way in 50 years



#### COME WHAT MAE

Meet Mae Carter, the woman who changed UD for all women

#### BY THE SKIN OF HIS TEETH

Before his bestseller *Meg* became the summer's blockbuster, author and alumnus Steve Alten, HS84M, faced a rocky road to success

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#### MEMORABLE MOMENTS

What headline-making plays will the new season bring? Nationally ranked in multiple preseason polls, how high will our Hens fly? Find out this fall as you cheer on your favorite team. Visit **bluehens.com** to view the full schedule and purchase your tickets.

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**BONUS:** You've probably already noticed, but the magazine has gotten a makeover! We've even changed our name from the University of Delaware *Messenger* to the *Magazine*. We want the big impact of the University to translate in every way, including within these pages. We hope you enjoy our new size and look, and we welcome your feedback at magazine@udel.edu. Happy reading from your friends at UD!

#### UNIVERSITY OF DELAWARE MAGAZINE

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Managing Editor	Artika Rangan Casini, AS05	
Associate Editor	Eric Ruth, AS93	
Executive Editor	John Brennan	
Vice President for Communications & Marketing	Glenn Carter	
Art Director &		
Online Production	Molly Chappell	
Contributing Design	Jeffrey Chase, AS91, Christian Derr, Don Shenkle, AS80, BE17M	
<b>Class Notes &amp; Production</b>	Daniel Wright	
Senior Photographer	Kathy F. Atkinson	
Advertising Sales	Nick Biasotto, AS69	
Advertising Coordinator	Kamesha Medley	

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As we come upon a new academic year, we are reminded of those early college days that many of us experienced when the future was defined by the curiosity of the unknown and the excitement of what may be possible. Who would we become, and how would our education and the unique experience of our four years on campus help shape the decisions, people, interests and careers that would follow next?

In asking such questions, the substance of inquiry would point to four words: the power of purpose. It is a realization that all of us, at various stages of our lives, tend to examine, witness, contemplate and hopefully experience. It is certainly something that remains top of my mind as president at the University of Delaware...and I'm sure on many of yours as a community of alumni and friends who are making a difference every day.

Purpose is often fueled by attributes such as courage, vision, resolve and strength of character. It is humanizing when we know we can touch the life of someone else, to know we made a contribution that mattered. At other times, the power of purpose becomes something much bigger...a shared vision that harnesses resources, engagement, hope and unity to achieve progress at an organizational level. This is something we strive for every day at our great University, accelerating opportunities for interdisciplinary learning, creating dynamic spaces for knowledge to be shared and ideas to be exchanged, attracting talented faculty and students, and now, on this 275th anniversary year of UD's founding roots in 1743, applying thoughtful planning toward the next generation of sustained educational excellence. Our people are the heart and soul of our University, and all of you continue to make progress possible through your tireless efforts.

This fall, as we welcome the Class of 2022 into the Blue Hen family, we look forward to helping our students develop their creativity and critical thinking skills, encouraging them to work cooperatively, imagine boldly, ask questions and find answers. Here they will not only ignite the spark for what's next, but also shine a light toward a future that will be enhanced by a connected network of alumni who recognize the power of purpose and the impact of its meaning.

Venis Assans

Dennis Assanis, President

### TO THE EDITOR

#### LOVING THE LORE

I've been getting the Messenger for many years, and truth be told, I usually only glance through it. The latest issue, however, piqued my interest. In particular, I enjoyed learning more of the history of the University through a number of the articles, including your "Lore and Legends" article.

I very vividly remember the night of the "Streak-In" and the "riot" in 1974, and my recollection is at odds with the information you obtained. Friends who were nearer to the Deer Park that evening reported that it wasn't students, but townspeople who were the primary offenders when violence occurred. The bulk of the crowd of students were just looking for something to do and curious about what was going on. Were the students rioting? Absolutely not! All these years later, it rubbed me the wrong way seeing the inaccuracies persisting.

I look forward to other articles from the staff of the University of Delaware Messenger—a very well-done publication! **Douglass Merrell, EG75**, San Jose, California

Just read Lore & Legends and LOVED it. Thanks for the brain candy! *Molly MacMillan, AS07*,

Milford, Delaware

Gotta admit, I haven't read the UD Messenger since I left Delaware, but this edition is so good!! Especially enjoy the myths and lore section and some good research in the alumni spotlights.

**Ryan Crump, AS10,** Philadelphia, Pennsylvania

#### **UNFORGOTTEN FIRE**

The Lore and Legends article fails to mention one of the largest fires on campus, the Colburn Hall lounge fire on Jan. 14, 1968. I was a resident, and closed fire doors on each side of the lounge are credited with saving students living on the first floor. [Editor's note: Colburn (residence) Hall was renamed Lane Hall in 1969.]

> J. Leonard Ignatowski, EG69, Vienna, Virginia

#### **MUSIC AND MEMORY**

I would like to offer some comments on the Music and Memory program. Many years ago, when my Tante Marie was admitted to a nursing home, I was puzzled that, in a place where the clients were in their 70s, 80s and 90s, the intercom was playing popular music of the 1990s. I know that when she left her home, she left behind a collection of operas, classical music and German waltzes and polkas. I wonder now, just how her health might have been impacted had she been able to listen to her "style" of music.

More recently, my hairdresser told me about her father and his placement in our county nursing home. When she visited during mealtime her dad was sitting in his wheelchair near a patient who was constantly wailing. I must have been prescient about your article, because almost at once I thought about allowing that woman the use of an iPod or an MP3 player!

> Louise Kellenberger, EHD71, Mohnton, Pennsylvania

#### **REMEMBERING TUBBY**

I played freshman football and baseball at Delaware. I continued on with baseball only in the spring of 1963 and made Tubby Raymond's baseball team as the third pitcher. But I was struggling as an engineering student and told Tubby that I had to leave the team to focus on my academics.

Fast forward 30 years and our second son was a freshman engineering student at the University of New Hampshire. It was homecoming and I was there to see UD play UNH. I ran to the edge of the grandstand to catch a glimpse of Tubby as the team ran off at halftime. Tubby looked up and said, "Hi Bob." I was flabbergasted. That was the kind of guy Tubby was-he even remembered the name of his subs 30 years later. Tubby was special and I was very saddened to hear of his passing.

Bob Dluhy, EG65,

Portsmouth, Rhode Island

**Note:** Letters may be edited for length and clarity.



# INTO A BOLD FUTURE

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President Assanis outlines UD's ambitious plan to drive student success and expand our impact on the world.

#### Above:

Rendering of the **Biopharmaceutical** Innovation Building, which will be home to UD's extensive resources in that field, as well as the headquarters of the National Institute for Innovation in Manufacturing Biopharmaceuticals. Led by UD, NIIMBL is a public-private partnership focused on better ways to make biopharmaceuticals.

A round campus these days, it's obvious that big changes are happening. More students, more faculty, new buildings, better classrooms and labs. Simply put, more opportunity. It's all part of President Dennis Assanis' vision to take UD to even greater levels of excellence. Among his key goals:

- Increase undergraduate enrollment by 1,000 over the next five years.
- · Create a graduate college and double graduate enrollment in 10 years.
- Expand the faculty by 250 over the next five to seven years. Many will be in the high-demand fields of business, engineering and nursing, while others will work on African-American material culture, data science, biopharmaceutical discovery, coastal water security, disaster research and education.
- Develop the STAR Campus to help drive economic growth in the region. The 10-story Tower at STAR, the Biopharmaceutical Innovation Center, the Chemours Discovery Hub and a new train station will soon join the College of Health Sciences complex on the campus.
- Focus on initiatives that are innovative, entrepreneurial and interdisciplinary to prepare students to tackle the challenges of the future.



### **WELCOMING TRANSFER STUDENTS**

One in three university students in America will transfer to another school at some point. With those numbers only growing, UD has decided to beef up its ability to meet their special needs, creating the role of transfer services coordinator.

their degree track isn't disrupted. There are currently about 1,600 transfer students enrolled, or 9 percent of the undergraduate population. Transfers are also up, climbing from 412 in fall 2016 to 426 in 2017.

"Transferring from a small school

#### ONE IN THREE UNIVERSITY STUDENTS IN AMERICA WILL TRANSFER TO ANOTHER SCHOOL AT SOME POINT

"We needed to have something in place to welcome them, answer their questions, and help ensure a smooth transition," says Brian Posthauer, who oversees the effort. Now, these students will get help coping with new procedures and successfully transferring all those hard-won credits to UD so that in Connecticut to UD was a very big adjustment," says Kelly Nizolek, AS20. "Getting used to this school was overwhelming at times, but Transfer Services really helped to make it easier for me academically, and even socially."

To learn more, visit www.udel.edu/ transfer. 🤟

### **FINISH IN FOUR**

In an effort to help students graduate in four years, the University has removed the limit on the number of credit hours covered by full tuition each semester.

Under the previous policy, students could take 12 to 17 credits per semester for the same cost, but would pay extra for any additional credit hours. Now, they will be able to take 18 or more credit hours, if needed, without paying more.

"This will make a significant difference for students who need a sixth course in a semester to catch up and graduate within four years," says Provost Robin W. Morgan. "We expect this change to be particularly beneficial to first-generation, low-income students."

The change is part of a larger Blue Hen Success Collaborative "Finish in Four" campaign. Last summer, the University boosted the four-year graduation rate by increasing the number of first-year students who complete at least 30 credit hours over the year from 57.7 percent in 2016-2017 to 60.8 percent in 2017-2018.

The increase among first-year Associate in Arts students was more dramatic, with the number of students completing at least 30 credit hours jumping from 15.7 percent to 37.5 percent.

"Clearly, our students are benefiting from our efforts to help them finish in four," Morgan said. "By increasing the credit hours covered under full tuition, we will further help their chances of graduating on time and at a lower cost to them."

# **A PLEASING PIRATE PUZZLE**



here's a story waiting to be told in every long-lost shipwreck. Sometimes, that story can be woven from the artifacts found along the sea floor. Other times, it has to be pieced together quite literally-piece by piece by piece.

That's what happened when searchers discovered the wreck of Blackbeard the pirate's flagship off the North Carolina coast, where it has sat waterlogged since 1718. Within the remains of the Queen Anne's Revenge was a cannon, and inside the cannon was a wet, mucky sludge that contained 16 tiny fragments of paper.

Realizing how rare it was to find paper that had survived 300 years underwater, researchers turned to the Winterthur/ UD Program in Art Conservation to help patch them together and reveal their origins. Were they part of a book? And weren't pirates known for occasionally having treasure maps?

From the start, they knew how

improbable and daunting it all was. Literally hundreds of major storms have spun past the coast over the centuries, and the iron and sulfur detected around the fragments meant the paper could have easily (and rapidly) deteriorated.

But the fragments turned out to be fine-or as fine as any paper can be after 300 years in saltwater. Researchers could even see writing on some of them.

"It's amazing," says Jocelyn Alcántara-Garcia, an assistant professor at UD and a staffer with Winterthur Museum's Scientific Research and Analysis Laboratory. "As a scientist, that's my professional opinion-it's amazing."

For five months, the fragments soaked in a series of baths to remove salt deposits. In the meantime, the North Carolina team knew what they neededexpertise from the conservators of Winterthur and UD. Melissa Tedone, book and library conservator at Winterthur

and an affiliated assistant professor at UD, was one of them. "And it just so happens that Jocelyn–our scientist who is a specialist in paper and fibers-is also into scuba diving and obsessed with shipwrecks," says Tedone.

A few of the fragments were brought to Winterthur so that Alcántara-Garcia could use X-ray fluorescence spectroscopy to rule out damage from the iron and sulfur. Tedone and Joan Irving, a paper conservator at Winterthur, then teased out a single fiber and put it under the microscope. The paper was made of linen, they discovered, and was crafted using a tool that was only in use after 1673.

Slowly, researchers began to decipher the words on the paper. Not only could they identify letters and whole words, they eventually were able to trace the fragments to a book: a first-edition 1712 volume of Captain Edward Cooke's A Voyage to the South Sea, and Round the World, Perform'd in the Years 1708, 1709, 1710 and 1711.

How the book ended up on boardand inside of a cannon-remains a mystery. "Books were a valuable commodity in that time period," Tedone says. "It was probably something they plundered and it was valuable or it was purchased at a high price."

To have torn pages from such a prize may hint at the desperate situation Blackbeard and his mates found themselves in. she added. But that's another book. 🖢

# FASHIONABLE FUNGI

The fashion industry produces a lot of waste. The chicken industry ends up with a lot of feathers. And mushrooms–well, they don't seem to do a whole lot of anything but lie around and get eaten.

Put these three things together-along with a little Blue Hen ingenuity-and you have what might possibly be the world's first biodegradable sandals.

They were the brainchild of master's degree student Jillian Silverman, AS16, and undergraduate Wing Tang, AS19, both of the Department of Fashion and Apparel Studies, who created the eco-friendly, sustainably sourced shoes for the USA Science and Engineering Festival.

Silverman had been playing with the idea for a while: Use chicken feathers and textile waste (both regionally plentiful) as a nutritional growing medium for the mushrooms, which lace their "roots" around the material to form sort of a glue that binds everything together.

"I just kept thinking about it," she said. "I couldn't get mushrooms out of my head."

While more work remains on moving from a prototype to a potentially marketable shoe, the team is optimistic. Their proximity to Kennett Square, Pennsylvania (known as the "Mushroom Capital of the World"), and Delaware (one of America's top producers of broiler chickens), ensures access to an ample supply of raw materials.

"I just kept thinking about it. I couldn't get mushrooms out of my head."

### TIRED TEENZZZZZZ

Who doesn't need a good mid-day nap from time to time? Now, science has officially endorsed such snoozy aspirations, at least for teenagers.

A new study by UD nursing professor Xiaopeng Ji and a colleague

at the University of Pennsylvania has found that your average teen is more prone to becoming extra sleepy (and less receptive to learning) because their body clocks have been naturally "reset" two hours forward by adolescent development.

That means teens end up going to bed later, but waking up for school at the same time, making them extra tired by



Chinese students who took regular naps after lunch showed more ability to pay attention, reason out problems, remember

spatial relationships and sleep better at night, the professors found. They also discovered a sweet spot for naps: 30-60 minutes refreshes the body and mind, but an hour or more tends to aggravate circadian rhythms.

"In China," says Ji, "a mid-day nap is considered a healthy lifestyle." 🤟





## THE BEAUTY SHOP PROJECT

How two professors are using hair and beauty to launch larger conversations about race and social justice.

Because women often confide in their stylists, a deck of playing cards developed by The Beauty Shop Project mixes empowering quotes with practical resources. The best ideas transcend boundaries, as Tiffany Gill well knows.

"On the surface, beauty shops might appear frivolous," says the associate professor of history and Africana studies. "But it's where you need to be in order to work on the things that affect people's lives."

In 2014, Gill and visual communications professor Colette Gaiter launched the Beauty Shop Project to help women–and African-American women, in particular–imagine and realize their best lives. Through photography, art, interviews and hair shows, they aim to use hair as the starting point for a larger conversation around race, empowerment, social justice and well-being. It's a goal with historic roots.

Often unrecognized as rightful leaders of the Civil Rights movement, black beauticians in the Jim Crow era achieved a financial independence that gave them license to operate under the "nonthreatening guise of selling beauty products to do race work," Gill wrote in her 2010 book, *Beauty Shop Politics*. A salon, she continued, became "a place to hide and a place to plan."

Even now, in 2018, salons remain safe spaces for women– and outposts for scholars like Gill and Gaiter to bridge academic research with realworld application. As part of the Beauty Shop Project, the two have developed a deck of playing cards that, along with general quotes about hair and well-being, provide information on domestic violence for women who often confide in their stylists. (The issue is so prevalent that Illinois actually requires domestic violence training as part of the cosmetology licensing process.)

Looking ahead, the UD professors hope to enhance partnerships between salons and broader public health initiatives, as many diseases disproportionately affect communities of color.

In the meantime, the Beauty Shop Project will continue its foray into "socially-engaged art." Already, Gill and Gaiter have created unique works, from a multimedia performance piece called *Hair Stories*, to a *Portraits of Wilmington* project, in which UD students, professors, alumni and local artists sketched residents of all ages, races, sexes and walks of life.

The Beauty Shop Project, then, is "kind of like a traveling show," Gaiter adds. "We're taking our ideas where we think people might be interested. And celebrating hair." 🖕

### THE BOTTOM LINE OF FAMILY-FRIENDLY POLICIES

Once upon a time in America, fathers worked, mothers stayed home and societies were built around this seemingly placid model of domesticity. Back then, children could count on mom waiting at home when the school day ended. Elderly relatives could rely on family members for rides to the doctor. It was a time when roles were clearly delineated and internalized, if not always by choice.

And then things changed. Today, 71.3 percent of mothers work outside the home. More than 10 million Americans care for an aging parent, a figure that has tripled in the past 20 years. In surveys, one-third of U.S. employees report consistently choosing between advancing in their jobs or attending to their family lives, and one in 10 households is headed by a single parent, usually the mother.

"The gender revolution of the 1960s is incomplete," argues Prof. Bahira Sherif Trask, whose research examines women in the global work force and its impact on families. "Women attained educational opportunities and employment opportunities, but policies did not shift in response."

From a lack of flexible working hours, to unpaid family leave, to affordable quality childcare, the disjunction in work-life demands can create tension, Trask believes.

"Family is considered to be in the private domain; work is in the public sphere, and so people think, 'I'm not good enough. I can't balance enough. I'm not doing a good enough job," she says. "But that's not true. It's not them. It's the system in which they're working. And that system has not kept up with family change."

Today's system persists because of a misguided belief that family-friendly

#### "IT'S NOT JUST ABOUT MAKING PEOPLE HAPPY, IT'S ABOUT FOSTERING THE ECONOMY."

–Prof. Bahira Trask



policies are bad for businesses, Trask says. Recent research has actually found that workplace flexibility attracts better workers, reduces turnover and increases productivity– factors that translate to annual employee savings of \$496-\$1,984 per person, or \$300 billion annually. "It's not just about making people happy," says Trask. "It's about fostering the economy."

So then why haven't more businesses instituted flexible policies?

Trask pauses. "I don't think there have been enough constituents pushing for it," she says.

# MAN AND THE MOTHERLAND

Those DNA ancestry tests so many people are having done might not tell you what Richard Leakey says is really true: Our deepest roots reach to Africa. Everything else is just a franchise.

Born in Kenya to British parents, Leakey told a University of Delaware audience this spring that there is no longer any doubt where human evolution began. Those who argued there was insufficient evidence when he and his family made their early fossil discoveries decades ago were right, he said.

No more.

"Fifty years ago, we really could have put most of our evidence on a small card table," he said to a packed house in the Thompson Theatre at the Roselle Center for the Arts. "Now this stage couldn't hold it all. There are thousands of fossils."

Leakey told a UD class earlier in the

day that he is working to establish an "iconic" new structure in Kenya to celebrate Africa's rightful status in world history. It would send a strong message to those still spreading racist, fascist views: "It's your motherland, so shape up."

To those still disturbed by the word "evolution," Leakey offered another message during his afternoon talk. "If the 'e' word still bothers you, let me say that there is plenty of evidence that humans have changed through time," he said with a smile.

Leakey's own evolution unfolded in the care of Louis and Mary Leakey, among the most famous archaeologists and anthropologists of the 20th century. The family raised their three sons in Kenya, where Richard later made his own mark with a team that discovered extensive deposits of fossils and early tools



dating to almost 2 million years ago.

Leakey spoke at UD at the invitation of President Dennis Assanis, whom he first met at Stony Brook University, where Assanis served as provost before taking the reins at UD in 2016. Stony Brook is the academic base for Leakey's Turkana Basin Institute in Kenya and includes Leakey, his wife, Meave, and daughter, Louise, among its faculty.

"Richard Leakey is legendary for so many reasons," Assanis said. "He is a conservationist, a politician, an activist and a wonderful human being."

-Beth Miller

Above: Richard Leakey holds a small section of mandible from a fossil find in the Turkana Basin circa 1972. Photo by Bob Campbell

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### **SPORTS AND SPEECH**

hen athletes and celebrities spout off about politics, do you listen? Are their voices relevant? Or do you wish they would just "shut up and dribble?"

Your answer may correlate to your political persuasion, UD researchers have found.

Republicans are more likely to believe that athletes need to stick to athletics and leave the punditry to the professionals, according to a national poll conducted for UD's Center for Political Communication.

More than 40 percent of Republicans say it is "not at all appropriate" for professional athletes to speak out about political issues or causes, compared to approximately 5 percent of Democrats. At the same time, nearly 60 percent of Democrats say such speech is "very appropriate," with just over 8 percent of Republicans saying so. Independents are more evenly distributed across the scale.

Of course, to some extent the results are predictable, considering the left-leaning tendencies of athletes and celebrities, notes Lindsay Hoffman, associate director of the center.

The poll came just weeks after Fox News host Laura

Ingraham rebuked LeBron James for "talking politics" and said, "Keep the political comments to yourselves ... Shut up and dribble."

"What we are witnessing is a divide in terms of how Americans think about political speech—in particular, who gets to speak," says Dannagal Young, associate professor of communication.

### NFL DREAMS

The big leagues are the next step for two standout Blue Hens. Defensive tackle **Blaine Woodson, BE17**, has signed as a free agent with the San Francisco 49ers, and fellow defensive lineman **Bilal Nichols, AS18**, was picked in the fifth round of the draft by the Chicago Bears, now led by former Blue Hen star **Matt Nagy, HS01**. Former Blue Hen **Paul Worrilow, AS13**, is heading to the Eagles from the Lions.



NICE ADVICE | UD's latest crop of graduates were urged by one-time Sony Pictures Television Chairman and UD alumnus Steve Mosko, AS78, to end the malicious attitude that

# **NEWS**BYTES

is becoming the norm in today's society. "Mean and nasty have become acceptable, and this needs to stop right now. And you are the generation that can do it," the 2018 Commencement speaker said.

**TOP-RATED** UD programs continue to climb in the rankings. **UD Library** has jumped 12 spots to become the **69th best U.S. university research library**, according to the Association of Research Libraries. *U.S. News and World Reports* also cites the **Lerner Online MBA program** as **22nd in the nation** and 10 of UD's graduate programs are ranked among the best 50.

NEW DEGREES | For fall 2018, Blue Hens will get a new batch of undergraduate degree programs to choose from, including a minor in genetic counseling, and an honors degree in applied molecular biology and biotechnology. New graduate programs include master's degrees in data science, athletic training and hospitality business management. **HAPPY BIRTHDAY** | For

100 years now, UD has had a business program. What began as a few programs is now the Lerner College of Business and Economics, with more than 30,000 alumni across the globe.

**BRIGHT STAR** The ongoing development of UD's STAR Campus marked a milestone as ground was broken on the Chemours Discovery Hub, which is expected to employ more than 500 in research efforts.

**UD LOVE** UD's first Giving Day—which sought 1,743 donors in 1,743 minutes (paying homage to the University's founding year)—exceeded its goal, as **2,049 supporters raised more than \$317,000 for UD's students and programs.** 





# The POWER of PURPOSE

By Artika Rangan Casini, AS05, and Eric Ruth, AS93

Heroes rarely wear capes. They walk beside us, quiet and unassuming, shaped by untold battles and unspoken victories. Their wisdom comes from experience; their strength, from pain.

Because heroes don't just survive. They emerge from trial with clarity and conviction to create a stronger, brighter and more hopeful future. In the face of seemingly insurmountable challenges, they remain guided by something greater than even themselves: The power of purpose. omewhere in the jetliner's flaming wreckage, an 18-month-old child had survived.

The girl could not know how alone she was on that December night in the Everglades swamp. No baby could comprehend that nearby in the debris and mud, her mother lay dead, along with 100 other fellow passengers.

But long after the rescuers saved her, and for many years in her tumultuous life, Christina Principe, EHD96, would wonder: How did I live and why? Do these tragedies somehow hold a higher purpose? Can hope survive the deepest moments of hopelessness?

It would take a lifetime of ordeals for Principe to understand: Yes, we all can prevail. We all can be survivors. She knows this now, not only because of the airplane crash that spared her, but because of the many battered women who have learned from her, been protected by her, and survived—just like her.

They seek her help every day: The woman who was drugged repeatedly by a sex trafficker but managed to escape; the young wife who sought housing for her special-needs daughter before leaving her spouse. As a professional advocate for victims of domestic violence, the now-46-year-old Principe knows their stories well.

In fact, they used to be *her* stories. It still feels surreal to Principe, realizing that she has gone from a 17-yearold pregnant teenager to a woman with a graduate degree—a professional who influences the lives of people who are so very much like she was, not so long ago.

This was back in her teens and twenties, a time when she never imagined finishing college, much less getting her graduate degree. She remembers the morning of her high school graduation—the day she learned she was pregnant. And she could never forget the years spent in fear of her son's father, who would shatter the glass coffee table with her body, assault her sister and break in to her apartment as a reminder of his power and control.

So when Principe now finds herself talking to the victims of similar violence, she often sees what could have been, and how differently her own story could have unfolded. It is a humbling reminder of the gratitude she feels, and of the inherent, often untapped power of the human spirit. She frequently thinks of her own grandmother, who buried three of her nine children, but never turned bitter or angry at the world. Instead, her *abuela* prepared dinner plates for the homeless in the Bronx.

But such noble outcomes seemed distant back when a 19-year-old Principe transferred to the University of Delaware from Brandywine College (now Widener University), and in her first semester, in the midst of the abuse, failed three of her five classes. To protect her grades, she tried to withdraw from the full semester, attaching multiple police reports to her academic appeal. To her surprise, the University allowed her to keep the six credits she had passed.

"UD got me on my journey," she says. "I had incredible support."

She refers to the late Susan McLaughlin as "an angel," who "pushed me to continue my education when I wanted to quit a thousand times." She can still picture her son playing with Hot Wheels on McLaughlin's office floor as the UD assistant dean helped her select the best classes to take.

She started her college days studying child development ("to be a better mom") and would change her major from fashion merchandising to

"UD GOT ME ON MY JOURNEY. I HAD INCREDIBLE SUPPORT."



#### "I DIDN'T SURVIVE THE THINGS I'VE SURVIVED TO NOT HAVE A PURPOSE."

family and community studies at the suggestion of Prof. Norma Gaines Hanks, AS74, EHD97M.

"I haven't seen Christina in 25 years, but I've never forgotten her," says Hanks, who recalls Principe's challenges: the first in her family to go to college, with a young child, commuting from home. Even now, she can hear Principe's voice: I need a babysitter. I'm struggling with this class. There are no changing tables in the bathroom.

"But Christina had a spark, a spirit of determination," Hanks adds. "Against every odd possible, she finished her degree."

And when she did, Principe remembers feeling different, accomplished, *changed*—not just by education, but by her interactions with teachers and mentors who shaped her life and encouraged her to pave new roads.

Her first job out of college was as an intake counselor for Family Court in Wilmington, Delaware, helping to issue protection-from-abuse orders for domestic violence victims. She remembers working on the first floor the day her son's father was prosecuted upstairs. "I didn't want him to go to jail and blame me," Principe remembers. "I just wanted him to get help."

The first time she would find peace was when he was sentenced to prison. Upon his release, six years later, Principe began her job as a program manager for victim advocacy with the Washington, D.C. Coalition Against Domestic Violence. With distance from her abuser, she looked to the future. She'd later spend 13



••••••

A longtime advocate for survivors of domestic violence, and a survivor herself, Christina Principe, EHD96, believes in the power of community support. "We can all heal together," she says. "People are more resilient than they realize."

#### SHE OFTEN SEES WHAT COULD HAVE BEEN, AND HOW DIFFERENTLY HER OWN STORY COULD HAVE UNFOLDED. IT IS A HUMBLING REMINDER OF THE GRATITUDE SHE FEELS, AND OF THE INHERENT, OFTEN UNTAPPED POWER OF THE HUMAN SPIRIT.

years with the U.S. Attorney's Office, where she would occasionally excuse herself from meetings to cry. "Domestic violence has been going on since the beginning of time," she says. "But the response to it has changed. Punitive approaches are now giving way to more interventions, from treatments for mental health to fatherhood programs. We're seeing more trauma-informed methods to working with survivors, abusers and children."

Today, Principe orbits the policy realm of domestic violence prevention, working to break the cycle of violence. And in her own life, she has successfully

broken it. Her 28-year-

old son is "a loving, caring,

compassionate, empathetic 6-foottall, 300-pound teddy bear."

When Principe earned her master's degree in social work from Howard University in 2014, his voice filled a packed auditorium. "That's my mama," he yelled as she crossed the stage.

Principe chokes up at the memory. "I didn't survive the things I've survived to not have a purpose," she says. Victory over adversity gives you strength to help others, she knows. There is power in healing together, she has learned.

And so, each morning, Principe meditates and prays. Sometimes she recites the Prayer of St. Francis: "Lord, make me an instrument of your peace. Where there is hatred, let me bring

love. Where there is offense, let me bring pardon. Where there is discord, let me bring union ... "

On other days, she simply asks for help. "Protect me, guide me, lead me," she says. She then takes the subway to her office, grabs a latte and gets to work. 🖢

BLUE HEN IMPACT: Joseph Biden, AS65, O4H, is a world leader whose policy work in domestic violence has impacted thousands of lives. Christina Principe, EHD96, has worked with thousands of survivors of domestic violence and seen that impact firsthand. The two Blue Hens recently exchanged ideas on policy, perseverence and the power of purpose.

Dear Vice President Biden,

As an advocate for victims of domestic and sexual violence, I have seen firsthand the impact of the Violence Against Women Act, and on behalf of the countless many who have and who continue to benefit from this landmark legislation, I thank you.

Thank you for the sexual assault support group where survivors make life-changing breakthroughs; for the community violence prevention programs that teach our children about healthy relationships; for the domestic violence and rape crisis hotlines where victims can get confidential referrals; for the law enforcement training that helps victims avoid further trauma.

On behalf of the blind, transgendered woman who wasn't turned away by the

shelter, thank you. On behalf of the sex trafficking victim who found traumainformed services after 9 months of horrific abuse, thank you. On behalf of the countless women and children who have received shelter because there was an agency to refer them to, thank you.

You always have stood as a force for change, and you have given a voice to the

voiceless. Your advocacy at the highest level has helped hundreds of thousands of women live free from abuse, reshaping their lives and the lives of their families. Your brave stance—that domestic and sexual violence are public health policy and human rights concerns that affect all of society—has helped change our nation for the better. I'm so incredibly proud to be a fellow UD alumnus, to work with the many, many individuals whose lives are empowered, every single day, because of the protections you helped create.

Thank you again, and God bless you always,



### **ON THE FRONT LINES OF DOMESTIC VIOLENCE**

Domestic violence has been a problem for centuries.

Yet no professor dared address the problem in scholarly fashion until about 40 years ago, and no one formally taught the topic at the collegiate level until 1988. Even today, only a small handful of universities give undergraduate students a hands-on education in preventing partner abuse or helping its mostly female victims.

UD is proud to be a part of the powerful few.

Since 2011, UD's Domestic Violence Prevention and Services certificate program has offered passionate students systematic, experience-based training for becoming a professional advocate for the survivors of abuse. Each summer, six of the program's select students are sent out into the field for a 10-week practicum, directly serving victims inside such agencies as the Delaware Department of Correction, the Wilmington Police

Department and Delaware Family Court.

"It's one of a kind. And it's a pretty incredible experience the students get," says Lauren Camphausen, director of prevention at the Delaware Coalition Against Domestic Violence, which helps administer the program. "As someone in the trenches, they give me hope."

These spirited students emerge with

awed by the responsibility and a little unsure of her capabilities early in her career, until she connected with a client who sought her help escaping a long-term abusive relationship. "She was afraid for her life," says Kress, now Adult Victim Services program coordinator at the Delaware Center for Justice. "But we found her a safe, affordable place, and I watched her leave

"IT'S ONE OF A KIND. AND IT'S A PRETTY INCREDIBLE EXPERIENCE THE STUDENTS GET. AS SOMEONE IN THE TRENCHES, THEY GIVE ME HOPE."

> - Lauren Camphausen, director of prevention at the Delaware Coalition Against Domestic Violence

hundreds of hours of real-world experience, and frequently a lifelong passion for service as well, says Jennifer Naccarelli, an assistant professor who oversees the women and gender studies-based program. Every day, its graduates deliver hope to women who thought hope was lost.

Nikki Kress, AS13, remembers feeling

the shelter to start her life. I will always remember that. It was a wonderful feeling."

The program's built-in relationships with professional practitioners also allow educators to keep pace with best practices, and give the practitioners themselves access to cutting-edge academic developments.

"In the academic world, we often

### ON AVERAGE, NEARLY 20 PEOPLE PER MINUTE

ARE PHYSICALLY ABUSED BY AN INTIMATE PARTNER IN THE UNITED STATES

WOMEN BETWEEN THE AGES OF ARE MOST AT RISK FOR INTIMATE PARTNER ABUSE

don't understand what's happening on the ground," says retired women and gender studies professor Jessica Schiffman. "There haven't been very good mechanisms for integrating those two things."

The concentration and its accompanying minor were born when Schiffman and Carol Post—who together also cofounded the Delaware Coalition Against Domestic Violence—were challenged to create a UD-based program by Verizon Delaware, which was ready to give \$187,000 to get it off the ground.

Other schools haven't matched UD in delivering such a program, says Schiffman, and she suspects it's because UD boasted a unique confluence of advantages—a women and gender studies program rich with scholarly talent, a deep existing relationship with the Coalition, and a donor with a mission and money.

"It was at our fingertips," Schiffman recalls. "All we had to do is pull it together." 🖕



### SHAPING NATIONAL POLICY: THE VIOLENCE AGAINST WOMEN ACT

Recognizing that one in six women suffered some kind of sexual violence by their intimate partner, the World Conference in 1993 declared domestic violence to be a public health policy and human rights concern. Today, almost a quarter-century later, the spirit of that declaration lives on in the Violence Against Women Act (VAWA). Here's a quick look at this landmark law:

- Then-Sen. Joe Biden, AS65, 04H, was responsible for drafting the first Violence Against Women Act in 1994.
  Considered the first comprehensive federal legislation of its kind, VAWA would help ignite a national conversation about the issue.
- In its initial form, VAWA focused on funding for victim services and improving the criminal justice response to cases of rape and battering. It authorized \$1.6 billion over 5 years toward combatting violent crimes against women.
- VAWA ran into early troubles, however, as opponents tried to cut funding, and the U.S. Supreme Court struck down a provision that let victims sue attackers in federal court. After being reauthorized in 2000 and again in 2005, it encountered a long legislative fight in 2013 over efforts to extend its provisions to same-sex couples and expand prosecution of crimes against Native women.

Opponents also tried unsuccessfully to gut VAWA's long-standing protections for immigrant victims of crime.

- VAWA 2000 and VAWA 2005
   expanded the Act beyond domestic
   violence to sexual assault and
   stalking. VAWA 2000 improved
   protections for battered immigrants,
   sexual assault survivors and victims
   of dating violence. VAWA's 2013
   reauthorization included the Campus
   SaVE Act, which expanded
   universities' responsibilities for
   reporting, response and prevention/
   education in cases of rape,
   acquaintance rape, domestic
   violence, dating violence and
   stalking. On July 1, 2015, to keep in
   compliance with VAWA, UD adopted
   a revised sexual misconduct policy.
- In order to implement a range of VAWA-related programs, UD and Delaware State University shared federal grants in 2011 and 2014 totaling more than \$1 million. In the first round, UD beefed up programs that ensure that complaints of sexual violence are addressed, and broadened its victims services programs. The second grant allowed UD to enhance services for victims, implement sexual misconduct training for faculty and staff, and expand education and prevention programs for students.



# UD"S ENDURING VOICE WVUD CELEBRATES 50 YEARS

#### by Eric Ruth, AS93

Flick on your car radio and flip down through the dial, past the corporately homogenized pop music, the dependably puerile "morning zoo" hijinks, the endlessly shrill squabbles and squawks of political pontification. Stop when you hit 91.3, and turn it up a tad.

You just might like what you hear. Or, you might puzzle at these strange new sounds. But you have to admit: Your radio never sounded so simultaneously worldly and wacky.

Welcome to WVUD-the Voice of the University of Delaware-which for 50 years now has entertained, enlightened and occasionally befuddled the thousands of listeners who fall within its ever-widening but perpetually challenged "Radio-Free Newark" broadcast zone. Depending on the time of day and inclination of the DJ, fans know to expected the unexpected, whether it's a classical music interlude, a vintage Bollywood soundtrack or the fuzz of a fading signal far from the Christiana Towers antennas.

Born in a basement and bred to be fiercely independent, UD's student-run radio station has at times faced down its own demise and prevailed over discouraging political realities, all while steadily expanding its impact, its art and its relevance to students seeking broadcast careers. The station that once was heard only in residence halls has now embraced the Internet age and become an enduring presence in the lives of alumni across the country, and a cherished aspect of UD's unique and diverse identity.

Yet even as it leans forward toward the next 50 years, there's a sense that WVUD will always cherish its traditions and home-town allegiances-the volunteer DJs who have spun records there for decades, the we're-all-family feeling that forms such tight bonds between WVUD veterans of all ages and their fans.

Join us now on a journey into a past where the Beatles haven't yet broken up, the Bee Gees were still "Jive Talkin'," and WVUD was hoping beyond hope to somehow become an elemental piece of the UD story. Mission accomplished.

### THEBEGINNINGS

It could be said that WVUD was born under a good signthe Age of Aquarius, that is. The year was 1968, and as UD restlessly surfed the counterculture wave, a progressive-leaning administrator encouraged several students to start a student radio station.

At first, it would go by the call letters WHEN, and while its reach was initially limited to students' dorm rooms via thin phone lines and a puny AM signal, its ambitions seemed robust as the first words soared through the air: "When is now. And you ain't heard nothing yet."

The first song? "Revolution," naturally. The plan? Spin records, chill out and see where it all goes.

"None of us had any experience. None of us knew what we were doing. Every day was an adventure. It was a blast," says Greer Firestone, AS69, one of the station's founding members. Tumultuous times and cultural touchpoints guided its evolution: Many students would first hear then-marginalized rock gods on 10-watt WHEN-Cream, Jimi Hendrix, Janis Joplin. Administrators probably didn't listen much but were sure to watch with a wary eye.

"The student government then was very confrontational, very radical," remembers early member Pete Simon, AS77. "The university president didn't want to have anything to do with a station run by radicals against the Vietnam War."

Other struggles would challenge the station. The fight to move up to an FM signal at 91.3 was fought by the state of New Jersey, who wanted it as their own. The resignation of both faculty advisers in protest of paltry funding also would be overcome. Each year seemed to bring new promise, and new hurdles: issues with decaying equipment, or students' relations with the volunteers.



NONE OF US HAD ANY EXPERIENCE. NONE OF US KNEW WHAT WE WERE DOING. EVERY DAY WAS AN ADVENTURE. IT WAS A BLAST." – Greer Firestone, AS69, on the air





### A COMMUNITY

Through it all, and with the help of many committed members, the station prevailed and solidified in spirit. And through to today, it all remains focused primarily on the people who really "own" this piece of UD identity: the students.

"It is their station. But they understand the responsibility and the history," says Steve Kramarck, AS93, 11M, who helps manage the station as associate director of University Student Centers. "It's like a community down here, really."

### THE ANECDOTES

Inevitably, legends have accumulated over the years at WVUD, a place where close friendships and snug spaces have been known to encourage conviviality, devotion and the occasional bout of frivolity.

- Like the time WVUD Hall-of-Famer David Alperson, AS97, walked across campus during the Blizzard of 1996 to ensure the station stayed on the air.
- Or the time in 1992 when students decided to broadcast live from a 32-foot Winnebago rumbling through Newark, with a staffer constantly twisting the transmitting antenna toward Christiana Towers to avoid signal breaks. "We just thought it would be kind of cool to go out and meet people," Kramarck says.
- In 50 years, there have been amazingly few dustups with the FCC over inappropriate content, though explicit hip-hop lyrics have been known to stretch the boundaries. Allowing an FCC-banned lyric to slip in earns a DJ a warning the first time, suspension the third time. "Somebody got to the third time once. They're no longer here," Kramarck said.
- Two current DJs are known for their long-distance devotion to WVUD-one, volunteer Larry Brown, drives up every Thursday from Rehoboth Beach to do his folk show. Another, Bill Humphrey, continues to do his political show, "Arsenal for Democracy," remotely from his home in Massachusetts. 🤟



### 1968 WHEN IS NOW

UD's new 10-watt station WHEN goes on air with the line: "When is now. And you ain't heard nothing yet." The first song played: "Revolution," by the Beatles. The mono programming is available only in residence halls.

### 1972 **ON THE MOVE**

WHEN becomes WDRB and moves from the basement of East Hall to the third floor of the Perkins Student Center.

### 1976 RFAL DFAL

After years transmitting over phone lines to dorms, the station finally hits the FM airwaves, renamed as WXDR (Experimental Delaware Radio).

### 1978 wf'rf out

Frustrated by the station's \$8,000-per-year budget and an increasing workload, both faculty advisers resign.

### 981 Fund MF

Station management warns of imminent demise without financial help for new equipment. Soon, it would go off air for the first time because of technical problems.

### THE ALUMNI

A sampling of Blue Hens who have vaulted from UD radio to big-time broadcasting include:

The late **Tom Mees, AS72.** From his beginnings at WHEN from 1968-72, Mees would go on to become an anchor during ESPN's early years.

**Bryan Gordon, AS69**. The one-time station program manager would go on to direct episodes of *Curb Your Enthusiasm, The Office, The West Wing* 

**Michael Tsarouhas, AS13**. The voice of this WVUD alumnus can now be heard by video gamers worldwide in *Insurgency*.



Today, technology makes it possible for a DJ to store thousands of songs in their pocket.

#### THEN

- Reach: Broadcasts only available in residence halls.
- Power Level: 10 watts
- Programming: Music stored on shelves in thousands of heavy vinyl records
- Involvement: A handful of students

#### NOW

0

- Reach: Global, via the Web
- Power level: 6,800 watts
- Programming: Thousands of songs stored on DJ's thumb drive or laptop
- Involvement: 120 students



### **1983** WATT'S UP

After a five-month hiatus, the station begins broadcasting in FM stereo, jumping to 1,000 watts. The studios are moved to basement of the Perkins Annex, and now include a performance studio.

### 1992 WVUD ARRIVES

Name changes to WVUD, "Voice of the University of Delaware." The call letters were given to UD by the "other UD," the University of Dayton in Ohio.

### **1999** ON THE WEB

WVUD becomes available on the web, allowing the many thousands of UD alumni to easily tune in from around the world.

### 2010 OFFSPRING

WVUD's sister station, the student-only, web-only "The Basement," begins. WVUD sports director Kevin Collins appears on Late Night with Jimmy Fallon.

### 2011 UP AND UP

transmitter, tower and antenna, broadcast power is boosted from 1,000 to 6,800 watts, and HD Radio is added.



Representation of a second strength of a second strength of a second strength of provide the second strength and mental fortitude has taken on heightened significance for this runner, environmentalist and Blue Hen on a quest for "the good life."

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Number of bananas eaten

8,376 FEET

Largest ascent (American Samoa)

Pairs of running shoes

Total mileage

148,256 Total calories burned

Total car mileage (June 18, 2016– July 6, 2018)

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#### MARATHON MAN

In 2015, Bill Sycalik was living what many might consider an enviable life—high-paying consultant job, nice apartment in New York City, lots of nights out. He hated it.

"I couldn't figure a way out," says Sycalik, now 46. "I was living the high life, spending more than I should have been. But the money wasn't buying me happiness."

In early 2016, he read about the 100th anniversary of the National Park Service—his "eureka!" moment.

An avid long-distance runner, Sycalik, BE93, decided to quit his job, give away most of his possessions and live off savings so he could spend the next two years running a marathon in every national park in the United States. Sixty, to be exact.

He had discovered running at age 33 and competed in numerous marathons and





ultramarathons around the country before embarking on the National Parks Marathon Project in Acadia National Park in Maine, on June 18, 2016. From there, Sycalik, who calls himself "Chief Running Officer," put 45,000 miles on his 2008 Subaru Impreza, traveling down the East Coast and then out west. By press time, he had completed marathons in 52 parks, mostly solo, with eight more to go.

"The serenity you get from being in the outdoors and connecting with nature—it gives you energy and relaxes you at the same time," he says. "Once I'm out on the trail, I kind of fall into it. You're reconnecting with something that's a little more primal. It happens every time I go out."

His favorite parks were the less-popular ones, like Kings Canyon in California, where he spent a morning running next to the raging Kings River through the heart of the Sierra Nevada mountains, or Theodore Roosevelt in North Dakota, where he ran around a buffalo herd and saw bighorn sheep and wild horses.

His best time was in Dry Tortugas (3 hours 51 minutes), and his slowest (8 hours) in the Grand Canyon, where he ran from the south rim to the north, descending and ascending 5,000 feet. His hardest was Lassen Volcano, where he pulled a groin muscle in the soft sand and finished after 7 painful hours. He also suffers from plantar fasciitis, the foot inflammation that is the





bane of runners everywhere, but simply says, "You get used to it."

Making up for the nature he missed during his time in one of the world's biggest cities, Sycalik now lives in Colorado, where he's preparing for the last journey of his quest—Alaska's eight national parks, each with its own unique challenges. Some are so remote you need a bush plane to get there. There are grizzly bears, clouds of mosquitoes, few trails, unbridged rivers and a remoteness unequaled in the Lower 48.

And after that? He's interested in becoming a motivational speaker or coach.

"Once you say, 'I could never do that,' you can't," he says of his mantra. "Don't feel that you're stuck. It's possible to make a change."

—Alan Wechsler

*"ONCE YOU SAY, 'I COULD NEVER DO THAT,' YOU CAN'T"* 

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### UD ALUMNI ON LEADING EDGE OF NEXT-GEN AIRLINE ENGINES By Eric Ruth, AS93

The dream has been alive for almost 100 years now: Invent a super-powerful jet engine that is remarkably light, incredibly efficient, yet can withstand blazing temperatures that would melt mere metal in moments.

It's a dream that could revolutionize commercial air travel, reduce the price of tickets and quickly cut back on the smoggy emissions from thousands of jetliners carrying millions of passengers around the globe every day.

Today, that vision is very close to reality. And the dreamers who are making it real are Blue Hens.

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Reid Bremble, EG15, Sam Kurkoski, EG14, and Tyler Walker, EG13, have worked their way to the cutting edge of aviation technology well before their 30th birthdays. 118



It's all happening at an unremarkable-looking GE Aviation facility in a typically nondescript suburban industrial park on the outskirts of Newark, Delaware, where four young UD mechanical engineering graduates have found themselves on the sharpest part of the cutting edge, and where the future of the next generation of jet engines rests on their considerable skills and pioneering spirit.

There's Reid Bremble, EG15, the plant's guru of transforming raw materials into composite sheets, and Vince Uathavikul, EG07,

a former furniture designer who came seeking bold challenges. Tyler Walker, EG13, left a job with Chrysler to be here, and Sam Kurkoski, EG14, finds himself flying around the country fine-tuning production processes.

Meeting these men, it's tempting for an older outsider to wonder how they could be pushing technological boundaries at such an age. One is a mere 24, the others are not too far past that. Yet they speak with a maturity and commitment beyond their years and possess a steady-handed confidence forged in these high-temperature, high-pressure labs.

They know what they are working on is revolutionary. And it amazes them every day that they are the ones working on it.

"We're doing something that is done nowhere else in the world," says Walker, lead manufacturing engineer.

At its simplest level, their work seems simultaneously improbable and brilliant: Take sand and carbon (silicon carbide), bake it in an oven, stretch it out into fibers, then cover the fibers with more melted silicon carbide. The hardened result is a ceramic material, very distantly related to your morning coffee mug.

This ceramic—known as Ceramic Matrix Composite, or CMC—is the pit bull of materials technology. It's light, strong, and can resist ferocious conditions. Use it on space ships, and not even the blazing heat of re-entry can penetrate it. Put parts made from it in a jet engine, and that engine will weigh less, and be able to run hotter and more efficiently.

First, though, someone has to figure out how to make the parts

out of endless paper-thin sheets of CMC material, which has to be layered into molds like a superhigh-tech lasagna. Then, they need to refine the process so that it's cost effective for GE to make the parts in large numbers and market them.

That's where the UD crew comes in.

Already, the Newark team has invented production processes and made the earliest prototype parts for GE's first-generation CMC-fortified engine, and now they're busy tweaking the parts for its next big release—the GE9X engine being designed for the planned Boeing 777X jetliner.

GE has made a \$1.5 billion bet that they will get it right—more than 700 of the giant 11-foot-diameter

GE9X engines are already on order, and GE expects the market to grow tenfold over the next decade.

At the Newark plant, the main focus now is on three crucial GE9X parts: the liner of the combustion chamber where fuel is ignited; the nozzles that direct the flow of hot gasses; and the shroud that lines the hottest part of the engine.

Bremble oversees a very early part of that parts production:

**\*WE'RE DOING SOMETHING THAT IS DONE NOWHERE ELSE IN THE WORLD.\*** Tyler Walker, EG13 Constantly improving techniques for adding a secret coating to the fibers and turning them into sheets. "Without Reid, there's no fiber, and without fiber, there are no parts," said Austin Capone, CMC manufacturing engineering manager at the plant.

Walker then works to figure out ways to "lay up" the sheets into handmade, part-shaped molds so they can be baked. "It's an art," says Walker, who must design the multi-piece metal molds from scratch. "A lot of times, it's inventing the process. For a lot of the technology, there's no recipe—the recipes are developed here."

Meanwhile, Kurkoski leads the development of the nozzles. "Having everyone under one roof as you're developing is crucial," Kurkoski says. "And I get to see these things from cradle to shipment."

As a lead manufacturing engineer, Uathavikul is busy exploring ways to move beyond those stationary parts and put CMCs into rapidly moving components such as the turbine blades. But before that can happen, the priority is on constantly improving the manufacturing process for the GE9X, which flew for the first time in March and needs to be ready for certification next year. The 777X is expected to enter service in 2020.

When it does fly, the Blue Hens will be with it in spirit. "I really did fall in love with UD," says Kurkoski. "It really clicked for me, and I had a lot of hands-on experiences while I was here. I was well-prepared." **b** 

GE Propulsion Test Platform

and a state of the state



Test Platform

GFg

The GE9X engine, capable of generating 100,000 pounds of thrust, is undergoing testing aboard a modified 747 (top and bottom left). Blue Hen engineers (L-R) Sam Kurkoski, Reid Bremble, Vince Uathavikul and Tyler Walker are watching every step of the process.

### SUPER CERAMIC FACTS

- Ceramic Matrix Composites are **1/3 the weight** of currently used super-alloys.
- CMCs can operate at temperatures up to **500°F higher** than super-alloys.
- Higher operating temperatures mean engines run at higher thrust and/or more efficiently.
- Hotter-burning engines also mean **reduced fuel consumption** and **fewer pollutants**.
- CMCs in power turbines could reduce emissions and the cost of electricity.

.....

GE's next-generation engine is attached to a 747 flying test-bed for its inaugural flight earlier this year.

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#### **OFFICE HOURS WITH**

# **Norma Gaines-Hanks**

here's an African proverb Norma Gaines-Hanks likes to quote: If we stand tall, it is because we stand on the shoulders of those who came before us.

For her and countless other Blue Hens, that mentor surely was the late Richard "Dick" Wilson, the admissions counselor and unofficial academic adviser who was the guiding light for underrepresented students at a time when minorities made up less than 1 percent of the campus.

"If you talk to any black person who graduated in the era I did, they'll all talk about Dick Wilson and the impact he had on our lives," says Gaines-Hanks, AS74, EHD97EdD. "He's been my inspiration."

As an associate professor, internship coordinator and faculty director for study abroad programs in South Africa and Barbados, Gaines-Hanks has spent the past 29 years supporting UD students in need. They come to her in the Department of Human Development and Family Sciences from all races and backgrounds.

"I don't care what you look like," she says. "I only care that you want to succeed."

And if success takes some extra pushing, well, she's not afraid to push. Gaines-Hanks once ushered a student into her office with harsh words of advice. She's been known to give a look so devoid of amusement that her mentees snap to attention. But in thank-you notes that adorn her walls (and in hundreds more through the years), students speak with reverence and gratitude, in tones that echo her praise for the great Dick Wilson. After all, the past is prologue. Above a framed black-and-white photo of Wilson is a painting of a bird. It stands with its feet facing forward and its head turned back. Sankofa, the inscription reads. "It's an expression from Ghana," she says. "To go forward, you must look back and know your roots." Welcome to the office of Norma Gaines-Hanks.

PHOTOS BY EVAN KRAPE

### **OFFICE HOURS**



Gaines-Hanks, center, with sister Neysa Gaines Smith, AS76, Theresa Drummond, EHD98M, former director of the Center for Black Culture, and Janice Jordan Coleman, EHD75M, who started UD's Student Services for Athletes program.

"When we launched the Black Alumni Organization [in 1980], we were concerned about recruitment and retention for students, faculty and staff of color, and our primary goal was to convince graduates to get re-involved with UD. And now when you look at two of the highest fundraisers during 'I Heart UD Giving Day' [\$11,650 for the BAO Endowed Scholarship and \$20,631 for the African Violet Scholarship], you can see we did quite well."



2. SEA TURTLE SYMBOLISM Sea turtles can be found all over Barbados, and Gaines-Hanks loves the symbolism of the ancient creatures: "Slow and steady. Even against rough tides, they survive."

#### 3. FOOTBALL FAN

"I told [Mike "Pops" Adams, EHDO4, Saftey for the Carolina Panthers] how proud of him I was at his graduation, not knowing that his mother had just passed away. His letter [pictured above, in which he writes, "You are a mother to me,"] means so much to me."



Gye Nyame Symbol of the omnipotence and immortality of God

#### 4. GYE NYAME

"I also got this from Ghana. It means, 'Nothing is greater than God.' Sometimes we have to be reminded of that."



#### 5. MASK FROM GHANA

"Art just speaks to you. I like the head on top. It indicates that somebody's always watching out for you."

#### 6. INCLUSIVE EXCELLENCE

"I take predominantly white groups of students to predominantly black areas and I often have to remind them, 'These places are neither better nor worse; they're different.' And after nearly 20 years of running these programs, I hope students return with a greater appreciation of our differences—in culture, tradition, language, food—as well as the things we have in common. When we're abroad, we live like locals. In Cape Town [during South Africa's dire and ongoing water shortage], we limited ourselves to 90-second showers. I think it's those kinds of experiences that make students more conscious of the world around them—and their place within it."



FACULTY AWARD FOR EXCELLENCE IN UNDERGRADUATE ACADEMIC ADVISING

"I feel like his torch was passed to me."

#### 8. EXCELLENCE IN UNDERGRADUATE ACADEMIC ADVISING AWARD

"I'm committed to student success, so this one means a lot."



### **BY ERIC RUTH, AS93**

Meet Ms. Mae Riedy Carter, grandmother, world traveler, and women's rights icon. In the course of her UD career, this politely resolute activist would forever shift the paradigm of equality for female students and faculty.

PHOTOS BY SCOTT SODERBERG, MICHIGAN PHOTOGRAPHY, UNIVERSITY OF MICHIGAN



#### .....

Mae Carter and husband Bob have both embraced a passion for supporting the women of UD, one that endures to this day. Way back in the early '70s, during the days when campus rumbled with the seismic stirrings of feminist unrest, the last thing any frazzled administrator wanted to get was a lunch invitation from Ms. Mae Carter.

Coming from Mae, the suggestion of a having a chat at the old Blue and Gold Club typically meant she had more on her mind than a pastrami on rye, and that any mealtime pleasantries would promptly give way to Mae's gentle-but-persistent appeals for action on the women's issues of the day.

Make no mistake, Mae Riedy Carter was in it to win it for the women of UD. She had to be, at that time and in this place.

Still, nearly 50 years after her feminist crusade began—and as Carter approaches her 98th birthday her old campus colleagues remain astonished at how this cultured, educated and comfortably situated California transplant managed to ruffle nearly every gender-based bias that the male-dominated UD culture had instilled over two centuries. "She was kind of a lone voice for women on campus way back in the day," says Jessica Schiffman, a retired women and gender studies professor and co-founder of the Delaware Coalition Against Domestic Violence.

They recall her exploits today with an awe approaching disbelief: Mae going straight to the president to tell him about a problem she saw—and the solution she envisioned. Mae calmly noting the scarceness of her particular gender around the Board of Trustees' big table.

"She knew where all the bodies were buried, and she knew where to exert leverage when she thought colleges weren't making enough efforts to hire women. She was very cagey," says Margaret D. Stetz, the Mae and Robert Carter Professor of Women's Studies.

They still marvel—at all she did, and how she endured. In a frenzy of intra-institutional activism that might seem improbable outside of the early '70s zeitgeist, Carter managed to first open educational doors for struggling single mothers, then worked to reveal—and

#### "SHE WOULD NOT TAKE NO FOR AN ANSWER. SHE IS FEARLESS. THERE WAS A TREMENDOUS SENSE OF, 'LET'S MOVE FORWARD." —MONIKA SHAFI, PROF. OF GERMAN AND FORMER CHAIR OF WOMEN & GENDER STUDIES

begin to resolve—gaping inequities between male and female faculty.

"She would just quietly go about her business, pushing all the while, being very polite, very low-key, but never giving up," Stetz adds. "She can definitely tell it like it is, and she will. If you get her on the subject of politics, you do feel the scorching wind of fiery opinion."

With wits and gumption and a wily charm, Mae Carter ultimately would help lift UD into the forefront of the then-nascent field of "Women's Studies," which today enjoys broad acceptance, but in those times was openly mocked by some male faculty who hoped she would fail. "They said it to our face," remembers Anne Boylan, professor emerita of history.

No, back then, and for decades before, the female students, staffers, professors—especially the vastly outnumbered women professors—were expected to quietly yield power to men, politely endure the bedroom innuendo and the bottom-patting, and be satisfied that a meager portion of glory, grants and jobs came their way.

Then Mae Carter arrived. And in ways that matter now to every woman on campus, UD hasn't been the same since.

## CALIFORNIA GIRL Heads east

The woman Mae Carter would become was shaped by the girl she had been: Born, raised and educated in the progressive-minded town of Berkeley, California, she would aspire to a higher education, but recognize that it would be limited to a bachelor's degree in home economics, UC Berkeley Class of '43. "That's what women had to do in those days. It could be either home economics or teaching," says Carter, now living in Michigan with husband, Bob, just shy of 100 himself.

As society expected, she would quit her job as a preschool teacher when her children were born, turning her energy toward PTA crusades. And as expected, she would follow Bob when he was relocated to Delaware in 1956. Once here, however, she began to wriggle free from conformist notions: She craved something with substance; she needed to make a difference; she could not endure the suburban ennui of the "ladies who lunch."

"I was not interested in the same things the other wives were interested in. You can only play so much bridge," says Carter, who soon would join the local chapter of the American Association of University Women and commit herself to giving Newark a public

library worthy of itself. "The library then wasn't open very much, maybe three days a week, and it was in the lower levels of a school administration building. It was dark and gloomy, and the books were all donated. We needed to do something."

So, in classic Carter-esque manner, something was done.

It was a formula she would follow the rest of her Newark years: Gather the facts, determine who held the power, then strategically use those facts to convince those powerful people–preferably over sandwiches—that her views were unassailable. By 1966, working with likeminded allies Carmen Nelson, Marge Purcell and Miriam Willis (dubbed "The Bookends" for their passion) she had managed to push for the creation a freestanding city library in a former church, then lobby for foundation and corporate donations to expand it further.

"She was very good at connecting people with one another," Stetz says. "She was great at getting people together. She's very social and sociable in her instincts."

It was around this time, with her daughters off in college and the library being built, that she heard about a job opening at UD in a division called University Extension, which had grant money earmarked for educating women. She started tentatively, working part-time at first, counseling women—including justdivorced mothers—who suddenly found themselves at the precipice of hopelessness.

Those days would change her destiny.



In the 1970's, Carter was renowned at UD for unapologetically rebuffing the notion that women had no role in the male-dominated culture.

#### "SHE HAD A WAY OF DOING WHAT NEEDED TO BE DONE BY FACILITATING-YOU NEVER HEARD MAE RAISE HER VOICE, EVER."

-ANNE BOYLAN, UD PROFESSOR EMERITA OF HISTORY

"Some women would come in and say, 'My husband has left me, and I have two children and I'm 55 years old. I have never worked, and I have to support myself. He even took the insurance," Carter recalls. "It was hard, because those women had done everything society had told them to do. They played tennis, they played bridge, they were active in the church, they went to luncheons, they did all that, but that didn't help them get a job, so we had to be creative in our thinking."

It was an experience that would solidify her notions of women's resilience, and the effectiveness of sisterly support. She saw the women thrive in group sessions, and encouraged them to focus on skills they acquired as a homemaker—even if it was keeping the books for the bridge club or church. In time, she would successfully push for the creation of support programs and courses tailored to their needs, first on the Newark campus, and then all around the state.

"I'll tell you, after seeing those women who were left with nothing, it made me a real feminist," Carter says. "It really did."

# **"BECAUSE NO ONE ELSE COULD"**

It was a masterful moment, but even bigger moments beckoned. It seemed that circumstances were aligning; the cross-currents of political will and public opinion were sliding into sync. In 1971, then-UD President E. Arthur Trabant looked at his ceaselessly restless campus and dreamed of instilling some sense of common purpose, something that would unite instead of divide, notes UD historian Carol Hoffecker.

Trabant saw the inequities that had been imposed on female students at his supposedly "co-educational" university—such as the rules forbidding them from smoking or staying out past curfew.

He realized that they craved more educational role models than the 20 or so female professors UD employed, mostly in home economics and education. He mandated change, and in 1973, Mae Carter would become his prime change agent, as chair of the newly created Commission on the Status of Women, reporting directly to him.

"The staff people had a lot of complaints," she recalls. "There was a two-tier level of benefits, including vacation days and sick days and health insurance. They were not allowed to eat in the faculty dining room. The women were upset there was no place on campus for them to have lunch."

Soon, an avalanche of grim statistics would emerge from the commission—full-time, tenured or tenure-track female professors were a rare breed indeed in those days, and would reach 12 percent of faculty only in 1993 (by 2016, it stood at 27 percent). Student Health had no gynecological services available, and women yearned for campus safety measures and parental leave policies. Pay inequities were rampant—until Carter laid out the facts and prompted changes in pay structure.

Her direct line to the president's office meant such disparities would be seen by powerful eyes—but not everyone in power was ready to listen. That's when Carter would wage her quiet, pointedly polite sort of war—going to Faculty Senate meetings, then just listening in silence, knowing that the men in power knew who she was, and what she wanted.

"I didn't ever speak, I just sat there. It got to the point that it was very effective. I was just 'assisting' them," Carter says with a smile.

"She had a way of doing what needed to be done by facilitating," Boylan says. "You never heard Mae raise her voice, ever."

"She would not take no for an answer," adds Monika Shafi, a professor of German and former chair of the Department of Women and Gender Studies. "She is fearless. There was a tremendous sense of, 'Let's move forward."

Before too long, Carter's reach widened even further—to the issue of sexual harassment, which had been pointedly ignored by male faculty, and to implementing pro-woman policies as head of the Office of Women's Affairs. She tracked grants that might be



Mae and Robert Carter's love for international travel is reflected by the art and artifacts that surround them at their home in Ann Arbor, Michigan.

useful to female professors, suspecting that department chairs were shunting them to the men. And she began the first steps toward what may have been her most enduring achievement—establishing women's studies as a legitimate academic field.

For years, the smattering of courses aimed at women had been limited to continuing education, and male faculty saw no reason for them to go further, despite a clear demand. "You have to understand, the students enrolled in these courses, and they wanted them, and they would say it changed their life. Well, you're not going to give up if it changed their lives," Carter says.

So for the better part of the 1970s, as special assistant to the provost for women's affairs, Carter and her allies waged a back-and-forth, up-then-down struggle to hire professors, convince administrators and achieve legitimacy for women's studies. It was a time when few other universities were doing the same, and little research existed to give scholarly credence for establishing an entire department.

"When I started here, you had to be an activist to survive," says Margaret Andersen, Edward F. and Elizabeth Goodman Rosenberg Professor Emerita of Sociology, who chaired women's studies for four years. "It wasn't like you had the choice to solely focus on your career, because you had to make a place for yourself in an institution that wasn't necessarily amenable to your interests, to your lifestyle, to who you were."

It was, in fact, a time when female faculty who committed themselves to such a field were risking tenure suicide. "I was doing it because nobody else could do it," says Carter, who tapped into her network of prominent female acquaintances to speak on campus as a way of building legitimacy. "It was too dangerous for female faculty, but I didn't care, because I didn't have to work if I didn't want to, and I believed in it. So I did it. But I didn't do it alone."

And she didn't do it entirely through force of will. Fortunate to have a supportive husband and solid financial means, the Carters would also give generously so that full-time female professors could be hired, so research could be done, and so women's studies would thrive. She and Bob supported the Mae Carter scholarship, so students also could achieve their dreams. "She put the muscle and the money behind it to make it a department," says retired Prof. Mary Richards, a former dean of the College of Arts and Science. "And she kept the issue of women's advancement on the burner at the University of Delaware even after she retired."

Today, even with all the accolades generated by such selflessness—the Hall of Fame of Delaware Women, the UD Medal of Distinction, Who's Who in the World—she can't help but marvel, not so much at her own deeds, but at the power of all women everywhere to prevail.

And she's especially glad she opened the door for so many who will carry on the cause—loudly, proudly and into the future. "She's not thinking about herself. She's thinking about the greater good," says Richards. "That's Mae." **b** 



# BY THE SKIN OF HIS TEETH

Alumnus Steve Alten didn't know how he was going to make it... and then came Meg.

It was 1996, and he had just been laid off from the meat company at age 37. The novel he had been hammering at was finished, but so far all he had to show for it was a vague sense of accomplishment and growing anxiety. His children were 13, 12 and 1, his future was uncertain and his bank account was nearly dry.

Next thing he knew, Disney snatched up the rights to the novel. Weeks later, he was in the middle of a bigbucks bidding war between big book publishers. And just four days after losing his job on Friday the 13th, he had signed a two-book, seven-figure deal.

When that happened, Steve Alten, HS84M, was saved. But it wouldn't be the last time the Philly-born-and-bred Blue Hen would face long odds and financial ruin.

In this particular crisis, his fortunes were salvaged by an unlikely benefactor: a vicious, man-eating 75-footlong bioluminescent prehistoric megalodon shark named Meg, who began as a figment of Alten's imagination, but would go on to become a beloved character in a series of best-selling books penned by the Florida resident.

The franchise began in 1997 with *MEG: A Novel of Deep Terror*, in which Meg the albino shark dines on a surfer, becomes a proud mommy and reaches #19 on *The New York Times* bestseller list. Eventually, it would be published in 20 countries. Over the next 21 years, Alten would craft six more Meg novels (and four other books), propelling him and his toothy protagonist into cultish adoration by "MEGheads," sustained in part by Alten's passionate commitment to his fans.

"I swore to myself that anybody who took the time to email me would get an email back," says Alten, who holds character contests before he begins each new novel, allowing fans to immortalize themselves in print. "My readers know I care about them very much."

The happy arc of his saga reached something of a climax this summer, when *The Meg* movie (tagline: "Pleased to eat you") hit multiplexes with a cast that includes the action-hero megastar Jason Statham.

But it hasn't all been Tinseltown dreams-come-true for Alten, who would have the second novel in his two-book deal cancelled a week before he was scheduled to be paid. A few months later, the first movie deal was scuttled after the head of the studio was fired. "Those were harsh lessons," he says. "We had just moved into a new home and I knew I wouldn't be able to keep it without the lost revenue. I had to quickly get back up on the horse again just to keep food on the table. My life over the past 20 years has sort of been an emotional roller coaster."

The writing bug had arrived relatively late in Alten's life, after he graduated from UD with a master's in sports medicine and worked as a graduate assistant for the men's basketball team and coached the JV team.

ILLUSTRATION BY JEFFREY C. CHASE



Actor Jason Statham battles a giant prehistoric shark in this summer's blockbuster, *The Meg*, based off the 1997 novel by alumnus Steve Alten, HS84M.

Inspired by an article on super-deep ocean trenches (as well as his infatuation with Jaws) Alten would decide to try his hand at a novel in 1995, often working in front of his old word processor until sleep overtook him at 3 a.m. "I always thought I could write," he says. "I actually had an article published while I was earning my master's degree at Delaware. I came up with a treatment for infrapatellar tendonitis."

In 2005, a second movie studio optioned the rights for *MEG*– and then decided they didn't like the screenplay or the lofty budget all that much. "So I went to the altar twice and was left at the altar twice," says Alten, who would be diagnosed with Parkinson's disease even as Meg gained more fame.

Eventually, the movie version of his book would be embraced fully by Warner Brothers, which enlisted veteran director Jon Turteltaub (*National Treasure* series) and set a beefy budget of \$150 million, sending the cast and crew to film on location in New Zealand and China. "I think it's going to be the movie of the year, I honest-to-God do. There's been a buzz about this book for 20 years," he says. In recent months, some of that buzz has included Meg fans who grew alarmed that the movie took too many liberties with their beloved book, changing the story arc and even messing with Meg's iconic albino coloring.

Who cares about those picky fans, anyway? Well, Steve Alten sure does—he leapt in to soothe fans' anxiety by writing them a lengthy online explanation, and asking them to just give the film a chance. He believes he owes them at least that much, because he knows they are such a big part of his success—just as his alma mater has been.

"The teachers at UD were terrific, very personal," he says. "They were not just faculty, they were friends in many cases. They're the best that I've ever worked with."

- Eric Ruth, AS93

# **B Homecoming 2018 Deter 26-27**

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# ALUMAN NEWS



# **PORK ICE CREAM, ANYONE?**

UDairy has had some crazy flavors over the years. But it could be argued that even these lack that certain *je ne sais quoi* when compared to the new flavor being churned out by alumni Jake Hunt, ANR12, a UDairy veteran who now operates Windy Brow Farms in Fredon, New Jersey. Hunt decided to go for the whole hog. Or at least the sweet and delicious bits.

His new Taylor Ham ice cream is based on the widely beloved pork product, and (perhaps fortunately) is accompanied by accents of maple syrup and French toast, giving his concoction a certain whole-breakfast vibe.

All-Taylor-Ham ice cream would just be "gross," Hunt told NJ.com.

So he caramelizes the chopped ham, adds a bit of cinnamon and sugar, mixes in some of his maple ice cream and chunks of challah bread, then awaits the adoration.

Still not going for it? How about some of Hunt's other Jersey-style flavors: Blueberry, sweet corn and tomato pie. Oh, and they also have vanilla.

# A WEEKEND TO REMEMBER

Lovebirds reminisced on The Green. Families dined with the mascots. And Dela-bration kicked off the threeday celebration as only UD can.

For the 10th year now, more than 5,500 alumni, family and friends reunited in Newark to celebrate memories and create new ones during Alumni Weekend, which ran from Friday through Sunday, June 1-3. From organic wine tastings to original artwork sessions, the weekend had something for everyone. Be sure to mark your calendars now for next year–June 7-9, 2019!

### COMING SOON

# FROM DELAWARE TO THE WORLD

World-changing ideas happen every day at UD. Beginning this fall, we will bring them to Blue Hens around the country. Join us for an interactive networking and educational series offering a variety of unusual and intriguing topics designed for every Blue Hen.

Learn more about the cities and topics for this nine-month tour at www.udel.edu/totheworld





## GOING FOR (AND GETTING) THE GOLD

Chris Mattina proudly wears the gold medal earned at the USA Sevens tournament, the largest annual competition in North America.

Rugby players take a certain pride in enduring adversity and pain, then pushing on toward victory. It's part of the mystique of this gritty game, and something that clearly drives players like Chris Mattina, HS16. The former Blue Hen rugby team captain was known around campus for his unrelenting play. Since graduating, the 6-foot-2, 210-pound player has focused his ambitions on professional rugby, hoping for that Big Break.

That's just what happened earlier this year, when the 25-year-old was chosen to play for the United States seven-man team, and soon found himself battling for one of the biggest prizes in the sport.

It happened in Las Vegas, one of 10 international venues of the annual HSBC World Rugby Sevens Series. Mattina's team, the USA Rugby Eagles Sevens, had won only one of these series tournaments in 20 years, and was facing two tough teams, Argentina and England.

Both would fall, and suddenly Mattina and his squad had the gold.

"Defensively, I played really well," he recalls. "You have to make the most of your opportunities, and I made the most of it in there. I made all my tackles. I really hustled and felt comfortable out there."

"Comfortable" is not usually a word associated with playing at this level, where hopeful young players are continually "trying out" to keep a position on the team.

"It feels like a dream," says Mattina, who grew up in Manhattan. "It almost doesn't feel real. I've been watching these guys play since high school and college. I didn't think it was realistic until I got to the end of my college years. I was playing some good rugby and I thought I could have a stab at this." 🖕





# SUPERINTENDENT OF THE YEAR

The National Association of School Superintendents has named alumnus Kevin Fitzgerald, EHD03PhD, the 2018 Superintendent of the Year.

Kevin Fitzgerald, EHD03PhD, has been superintendent in Delaware's Caesar Rodney School District (CRSD) since 2007. He previously served as principal and assistant principal at Caesar Rodney High School and spent 13 years as a classroom social studies teacher in Maryland.

His tenure at CRSD has seen marked growth in technology, blended learning and community and stakeholder outreach.

The district is one of the state's technology leaders, leveraging multiplatform learning modules to offer high school courses to middle school students and middle school courses in elementary schools. The district also offers students the opportunity to take seven different world languages, and under Fitzgerald's leadership, CRSD became one of the state's pioneers in world language immersion programs.

"When you enter the field of education it's not about winning awards or seeking individual recognition," said Fitzgerald. "This is about students and making sure they are provided with the tools necessary to succeed in an ever-changing world."



Alumnus Kevin Fitzgerald of Caesar Rodney School District has been named 2018 superintendent of the year.

## 45 YEARS AGO THIS FALL

UD's "Solar One" becomes the first house to directly convert sunlight into both heat and electricity for domestic use. Located on South Chapel Street and led by Karl W. Böer and his Institute of Energy Conversion, the Solar One House utilized a novel cadmium sulfur cell to power the majority of the home's energy and became an international tourist destination for 100,000 people interested in clean energy alternatives.



Beloved political science professor James Soles makes two predictions: That the House will not vote to impeach Nixon and that the president will not resign. "History books will write three things about Nixon," said Soles. "First, he re-established relations with Red China. Second, he got us out of Vietnam. And third, he had the most corrupt administration in America."

Helen Gouldner becomes the first woman to chair the sociology department. She later becomes the first

### A look back at autumn 1973

female dean of the College of Arts and Sciences, where, among her many achievements, she helped establish centers in archeological research, climate research, disaster research, cognitive science, mathematics teaching and learning, and the study of values and drug and alcohol.



Tensions rise between UD officials and an unaffiliated religious organization seeking to conduct Catholic mass at the Christiana Commons.



The Main Street Mall opens with four stores: Exit, Kral Music, David's Bookshelf and The Gourmet's Choice.

To protect East Campus residents from burglaries and thefts (which totaled 36 burglaries and 119 thefts between July 1, 1972, and June 30, 1973), the University installs galvanized iron security screens on the first-floor dorm rooms of the Russell, Gilbert and Harrington complexes. To residents, the security measures feel more like cages, and signs like "Home Sapiens" and "Please Do Not Feed the Students" soon pop up.

Source: University Archives

# **BLUE HENS IN HOUSTON**

The vibe is a little bit country and certainly city-cool in this proud and friendly heartland metropolis, which goes by many names. In the late 1800s, locals referred to Houston as Magnolia City, after the fragrant native groves that flourished before the turn-of-the-century oil boom fueled mass urban development. It has since gone by Bayou City (a nod to its 10 major waterways, including the Buffalo Bayou, where the battle for Texas' independence was won), Space City (in honor of NASA's Johnson Space Center), and simply, H-Town.

But for more than 1,100 Blue Hens in the area, Houston has another, more significant title: Home. And despite the miles between the country's second-largest state and secondsmallest state, there's still plenty of UD love to go around. UD



events in the area include the recent Houston Livestock Show and upcoming Astros vs. Twins baseball game (Sept. 5).

From fine art to the roars of the rodeo, Houston embraces us all. Giddy up! 🖢



Mary Paolantonio Adler, BE10, past president of the Houston Alumni Club

## **MEET MARY PAOLANTINO ADLER**

#### What brought and kept you in Houston?

Texas had never been on my radar, but I knew I wanted to experience living in a new city for a few years. My boyfriend at the time (and now husband), Ian, had grown up in Houston and received a great job offer. He moved in early 2012 and, after many visits and finding an awesome job myself [as vice president of operations at Integrate Agency], I made the 27-hour drive from Philadelphia.

Houston has grown so much since I moved here six years ago. One of my favorite aspects is that I have met so many "transplants" from other parts of the country, and all the native Houstonians are so welcoming that I have never felt like an outsider.

#### How did you reconnect with UD?

About six months after moving to Houston, I learned of an alumni event in the area. I attended and connected with a member of the Houston alumni board, Eric Mei, EG96, who offered me the opportunity to participate on the board. A few months later, we hosted a happy hour with alumni at a local bar and I started taking on more of a role in leading events.

#### What advice would you give fellow alumni looking to stay engaged with UD?

Check social media for updates on upcoming events or opportunities to become involved in the board or planning events (/UDalumni). Events and get-togethers are always occurring so don't be discouraged if you miss one; there will be more!

#### What's the one travel tip you'd give to people who visit the area?

Rent a car. There is very limited public transportation, and Houston is such a vast, spreadout city that you'll want a car to visit all the places on your list! Oh, and come to Houston hungry. For Mexican food, check out The Original Ninfa's on Navigation; for barbecue, The Pit Room; for seafood, go to Starfish; and for a drink, West Alabama Ice House.

# ... and ACROSS THE COUNTRY

THERE'S AN ALUMNIEVENT IN YOUR AREA! Connect with a fellow Blue Hens.

#### BALTIMORE

Sept. 27:	Sagamore Distillery and Nick's Fish House buffet dinner	
D 15		
Dec. 15:	Baltimore Symphony Orchestra,	
	Cirque Nutcracker Bay Area	
Sept. 29:	Dodgers vs. Giants baseball game	
BOSTON		
Sept. 22:	Whale Watch boat tour	
CHICAGO		
Sept. 23:	Cubs vs. White Sox baseball game	
DALLAS		
Oct. 6:	FC Dallas vs. Orlando City MLS soccer game	
DENVER		
Sept. 8:	Dodgers vs. Rockies baseball game	
HOUSTON		
Sept. 5:	Astros vs. Twins baseball game	
KENT AND SUSSEX COUNTY		
Oct. 21:	Cultured Pearl sushi making class	
LOS ANGELES	•	
Sept. 4:	Mets vs. Dodgers baseball game	

Sept. 22:	Homeboy 5K run & volunteering
October TBD:	Welcome to the Neighborhood
November TBD:	Museum event

#### **NEW CASTLE COUNTY**

Sept. 23:	Pregame tour and Philadelphia Union game
Oct. 21:	Dew Point brewery event
Dec. 5:	Longwood Gardens yuletide cocktail reception

#### **NEW YORK CITY**

September TBD:	Welcome to the Neighborhood
October TBD:	Conversations & Connections
November TBD:	Blue Hen Cooking Night

#### NORTHERN NEW JERSEY

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Sept. 13:	vveicome to fi	he Neighborhood	i at vvickea vi

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#### **PHILADELPHIA**

Sept. 27:	Philadelphia's Role in the American Revolution
Oct. 13:	Family Day at Franklin Institute

UD at Richmond football tailgate

#### RICHMOND

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#### SAN DIEGO

September TBD:Welcome to the NeighborhoodFall TBD:Museum event

#### SOUTH FLORIDA

Nov. 4: Dolphins football game & tailgate

#### WASHINGTON, D.C.

Sept. 13:	Welcome to the Neighborhood at Mission
Fall TBD:	Brewmaster tour at Heurich House
Fall TBD:	Paint and sip at Muse Paintbar
December TBD:	Holiday Party
Dec. 15:	Wreaths Across America

Regional alumni events are volunteer driven and supported by the UD Alumni Association. Please visit

### WWW.UDCONNECTION.COM/EVENTS

For updates, details and registration information.

"I put Delaware first because I gained so much through my time at UD, especially as a member of the Mu Pi Chapter of Delta Sigma Theta Sorority, Inc. Eleven women established the chapter as the first black sorority on campus in 1975, helping to pave the way for me to attend the University and succeed. It's my turn to help support future leaders at UD."

—Tia Truxon Bolden, Esq., AS93

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Tia is the co-chair of The African Violet Scholarship Fund, established in 2017 by the women who were initiated through the Mu Pi Chapter of Delta Sigma Theta Sorority Inc. To date, Tia and her sorority sisters have raised more than \$50,000 to endow the fund, which will be awareded to a full-time, underrepresented student who is committed to academics, public service and leadership. Tia is a proud Double Del (Truman Bolden, HS92) and mother to a son, Tyler, who she hopes will follow in her Blue Hen footsteps.



# **CLASS NOTES**

#### 1940s

**Robert Hilliard, AS48**, of Sanibel, Fla., has published his first book of poetry, *Poems of Love and War* (Big Table Books, 2018). His is also author or co-author of more than 35 books and 20 plays.

#### 1960s

**G. Richard Price, AS60**, of West Grove, Pa., has been inducted into the U.S. Army Materiel Command's Hall of Fame for his development and fielding of a hearing protective device, the combat arms earplug, designed to protect soldiers' hearing while maintaining auditory situational awareness.

**Barbara Plasker, AS61**, of New City, N.Y., has published her book, *Simple* Ways to Transform Your Life: Lessons Learned by a Late Bloomer.

Patricia E. Kane, AS68M, of Hamden, Conn., has been honored for 50 years of service to Yale University, where she is the Friends of American Arts curator of American decorative arts at Yale's Art Gallery. Since 2002, Kane has directed the Rhode Island Furniture Archive, documenting furniture and furniture making in

#### **COLLEGE DEGREE LEGEND**

- ANR Agriculture and Natural Resources
- AS Arts and Sciences
- BE Lerner College of Business and Economics
- EG Engineering
- EOE Earth, Ocean, and Environment
- EHD Education and Human Development
- HS Health Sciences

M • master's degree PhD EdD • doctoral degrees DPT

H • honorary degree

Rhode Island from 1636 through the early 19th Century.

#### 1970s

John Redden, BE70, of Leavenworth, Kan., recently celebrated 20 years of service with Hanson Professional Services Inc., where as a senior railroad designer he plans industrial rail yards, analyzes train operations and designs track alignments.

Peter Pizzolongo, AS72, EHD74M,

of Rehoboth Beach, Del., has retired from a 40-year career in early childhood education and now consults for Washington, D.C.-based nonprofit, ZERO TO THREE.

#### Lt. Col. Elek "Lex" Szkalak, AS73,

of Burke, Va., retired from the Department of Homeland Security's Intelligence Training Academy after serving 12 years on the faculty, where he chaired the basic, midlevel and senior-level professional intelligence programs. This completed a career of more than 40 years serving his country, including 31 as a commissioned officer in the United States Marine Corps.

#### Mary Cushing Doherty, AS75,

of Norristown, Pa., received the Pennsylvania Bar Association's Eric Turner Memorial Award for her dedication to family law and work tackling gender bias and domestic violence issues. Earlier this year, she also spoke at the North Carolina Bar Association's Family Law Intensive CLE seminar on "Marriage and Divorce in the Golden Years."

#### William H. Meredith, EOE75M,

82PhD, of Camden, Del, has won the American Mosquito Control Association's Medal of Honor, the highest award for distinguished service and outstanding contributions to the science and control of mosquitoes and vector-borne diseases. Meredith is program administrator for the Delaware Mosquito Control Section.



Roy and Jacqueline Kemp with Trevor Fudim at Bryce Canyon National Park in Utah.

Paula Thomas, EDH76, of Wilmington, Del, and her wife, Jackie Palmer, have been recognized as Neighborhood Champions by American Express Corporation for their work on rallying and promoting small businesses in their community as owners of JPT Chair Caning and Antiques.

Roy B. Kemp III, ANR77, and Jacqueline Annand Kemp, AS78, crossed paths with Trevor Fudim, BE15, at Utah's Bryce Canyon National Park in April. As Jaqueline tells it, "RB and I had been hiking the Fairyland Trail at Bryce. There are a lot of switchbacks and we saw this single hiker about 100 yards behind us for a long length of the 8-mile hike. Toward the end, as we worked our way up to the rim, RB and I had to sit and rest. At

## **SHARE YOUR NEWS**

The *Magazine* encourages alumni to send us news to share with your fellow Blue Hens. A new job, a promotion, a personal or professional award ... they're all accomplishments we want to announce.

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#### magazine@udel.edu

Please include your graduation year and college or major.

this point our shadow, Trevor, caught up and overtook us. As he passed he asked if the altitude had made the hike difficult and we had to admit to our sea level origins. We told him we were from Delaware and that is when our UD connection was discovered. What made it very much a coincidence was Trevor told us he had spoken to hardly anyone during his solo travels. Just goes to show, Birds of a Blue Hen feather flock together."

Raymond Bree, BE78, and Christopher Burgos, BE99, both of Hockessin, Del., are managing partners of the Diamond State Financial Group, which merged with Wechsler Marsico Simpson earlier this spring and now has \$950 million of assets under administration.

Barbara "Tia" Amdurer, AS79, of Lakewood, Colo., has written *Take My Hand*, a practical guide for caregivers.

Jay Lund, EG79, of Davis, Calif., has been elected to the National Academy of Engineering for his analysis of water and environmental policy issues leading to integrated water resources planning and management.

#### 1980s

**Kate Tyler-Wall, AS80**, of Newark, Del., has won a first place award in Fiction for Adult Readers in the 2018



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Communications Contest held by Delaware Press Association. Her novel, *Arboria Park*, was inspired by actual events in her former hometown of Dover and published in 2017 by She Writes Press of Berkeley, Calif.

Scott Stevens, AS81M, EHD88EdD, of Newark, Del., has published a book, Creating a Culturally Inclusive Campus: A guide to supporting international students. Stevens is director of UD's English Language Institute.

**Christopher Barto, BE83**, of Carrollton, Texas, has published two poetry collections, *in the rhythms, there* and *once and now and still.* 

#### Sohrab Fracis, EG83M, of

Jacksonville, Fla., has been shortlisted by Stanford University Libraries for the 2018 William Saroyan International Prize for Writing for his debut novel *Go Home*, which tells the story of a Parsi foreign student in Delaware during the wake of the Iran hostage crisis.

**Terri Kelly, EG83**, of Newark, Del., has been named 2018 Executive of

the Year by Arizona State University's W.P. Carey School of Business. Kelly, vice chair of UD's Board of Trustees who recently retired as CEO of Newark's W.L. Gore & Associates, was honored for creating and sustaining superior organization performance and serving as a model for future business leaders.

**Peter LeJeune, AS83**, of Berwyn, Pa., has been named partner for regional insurance law firm Swartz Campbell LLC, which he joined in 2010 as part of the toxic tort litigation group.

**Phil Hough, AS85**, of Bear, Del., has been named senior vice president and senior relationship manager at the commercial real estate unit of WSFS Bank.

Joji Tokunaga, ANR85, of Tokyo, Japan, has been appointed president and chief executive officer of Ricoh Americas, a multinational imaging and electronics company.

**Timothy "Fuz" Kelly, BE87**, of Arlington, Va., was recently promoted to major general in the U.S. Air Force Reserve



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1301 COASTAL HIGHWAY, DEWEY BEACH, DE 19971 302-212-0002 | THERESIDENCESDE.COM and currently serves as the mobilization assistant to the commander, Air Education and Training Command, Randolph AFB, Texas. Kelly is also a Department of Defense civilian and works as the director of special programs and technology integration for the undersecretary of defense (policy) in the Pentagon.

Ian Marshall, AS88PhD, of State College, Pa., edited *Reading Shaver's Creek: Ecological Reflections from an Appalachian Forest* (Penn State University Press), a "best-of" collection from the first decade of a hundred-year nature writing project that he initiated at Penn State University's Shaver's Creek Environmental Center.

Tracey D. Brown, EG89, of Bentonville, Ark., has been named CEO of the American Diabetes Association. She joins the ADA from Sam's Club, where she served as senior vice president of operations and chief experience officer.

Seva Raskin, AS89, of Lewisville, Texas, is now Texas district market lead for Trane Commercial, where she drives business development, brand awareness and customer engagement.

Joseph Ritter, EG89PhD, AS91M, of Elsah, Ill., has been named dean of the new College of Individual and Community Health at Bemidji State University in Minnesota. He had been provost, dean of academics and the Edith and Lewis White Distinguished Professor at Principia College in Elsah.

Sandra Wilson, ANR89, 93M, of Gainesville, Fla., has been named the graduate educator of the year by the American Society of Horticultural Sciences. Wilson is an environmental horticulture professor at the University of Florida.

#### 1990s

#### Paul D. Sunshine, AS90, of

Middletown, Del., has joined the law firm of Reger Rizzo & Darnall as a partner in the Wilmington office, where he focuses his practice on general liability, construction defect, trucking and transportation litigation and alternative dispute resolution. Vincent Gagliardi, AS91, of Westfield, N.J., has been promoted to chief of detectives for the Union County (N.J.). Office of the Prosecutor.

Shawn Ford, EG92, of West Des Moines, Iowa, has been promoted to brigadier general in the Iowa Air National Guard. He currently serves as the deputy adjutant general of the Iowa Air National Guard, where he is responsible for the training, readiness and force development of nearly 2,000 airmen.

Rajnish (Raj) Barua, AS93PhD, of Newark, Del. has been selected as new executive director of the Delaware Public Service Commission, which regulates investor-owned public utilities.

Lalani Moore, AS94, of West Haven, Conn., has been named senior director of internal communications at Yale University.

**Brooks H. Pierce, AS94**, of Wilmington, Del, has been appointed president and chief operating officer of Inspired Entertainment Inc., a global games technology company. Pierce is also on the advisory board of Horn Entrepreneurship at UD.

**Molly Draper Russell, AS95**, has been named CEO of Draper Media (parent company of WBOC-TV in Salisbury, Md.) and Loblolly LLC.

Carol Cadou, AS96M, of Bethesda, Md., has been named the first Charles F. Montgomery Director and CEO of Winterthur Museum, Garden & Library. Previously the senior vice president of George Washington's Mount Vernon, Cadou succeeds UD President Emeritus David Roselle, who stepped down from his position on June 1, after 10 years of service.



Lisa Wool, ANR96, of Cambridge, Md., has been named the executive director of the Nanticoke Watershed Alliance.

Leo Shane, AS98, of Bowie, Md., has been given the Award for Leadership in Journalism by the Iraq and Afghanistan Veterans of America group. Shane is deputy editor of the *Military Times*.

#### 2000s

Meredith L. (Gaudio) Carter, ASO3, of Wayne, Pa., has been appointed president and CEO of Context Business Lending, a specialty finance fund that provides working capital loans to lower middle-market companies.

**Erin Charles, BEO3**, of Baltimore, Md., has been named a 2018 "Maryland top-100 woman" by *The Daily Record*.

Matheu Nunn, ASO3, of Morris Plains, N.J., has been selected for the second year in a row as one of three finalists for the *New Jersey Law Journal's* 2018 "Attorney of the Year Award." Nunn is a matrimonial attorney for Einhorn, Harris, Ascher, Barbarito & Frost, P.C., where he handles divorce and adoption litigation.

Monica Sterk, ANRO3, of Nanyet, N.Y., got engaged to Jason Kurek (NYPD) at this year's Alumni Weekend because her fiancé knows "UD is my favorite place on Earth."

Michelle Filling-Brown, ASO4M, O8PhD, of Lititz, Pa., has been named acting dean of the School of Humanities and Social Sciences at Cabrini University, where she serves as chair and associate professor of English.

Russell Verducci, HS04, of Jersey City, N.J., has been promoted to vice president of the commercial real estate firm NAI Hanson, where he specializes in industrial transactions in the northern New Jersey marketplace.

**Mike Fox, AS05**, of Charlottesville, Va., won two 2017 Virginia Press Association Awards: first place

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Apply now for Spring 2019 mals.udel.edu • 302-831-4130 mals-info@udel.edu in slick publications with The (Waynesboro) News Virginian staff for Explore the Valley magazine and second place in headline writing with The (Charlottesville) Daily Progress. These are the fifth and sixth VPA Awards of his career.

Brian Marconi, BEO5, of Silver Spring, Md., has been named partner with CohnReznick accounting firm in Bethesda, MD. Marconi also is involved with the firm's recruiting efforts at UD, and presents an accounting award to a Lerner student on behalf of the firm every year.

Sara (Hasyn) Reinfeld, ASO6, and Walter Reinfeld, BEO6, of Glen Mills, Pa., welcomed twins Aubrey and Zachary on Jan. 10, 2017.



Milford Mayor **Bryan W. Shupe**, **AS07**, is a candidate in the Delaware House of Representatives District 36 election.

Megan (Copenhaver) Fowle,

**EHD08**, of Centerville, Va., and husband, Kevin, welcomed daughter, Charlotte, on Aug. 26, 2017.

#### 2010s

**Devon Moser, HS12**, of Newark, Del., married Adam Ward on Sept. 8, 2017.

Marc Paulo Guzman, AS10,

**EHD12M**, of Charlottesville, Va., has been named associate director of diversity recruitment at the University of Virginia Darden Graduate School of Business. He was also recognized as a Voices of Inclusion Medallion recipient at the American College Personnel Association's annual convention in March.

Megan Coyle, AS11, of Claymont, Del., has joined the intellectual property law firm Panitch Schwarze Belisario & Nadel LLP, where she provides technical support and

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expertise in pharmaceuticals and biotechnology as a scientific adviser.

Lindsay Diamond, AS11, and James Quigley, EG07, 09M, of Newark, Del., were married on Oct. 21, 2017.

Leah Parker, AS11, of Baltimore, Md., was promoted to senior digital marketing specialist at Children's National Health System in Washington, D.C., where she manages the hospital's social media platforms and develops online marketing strategies.

**Bryan Radcliff, BE12**, of Newark, Del., has been named a senior associate with Diamond State Financial Group.

**Carrie Redgate, HS11**, of Charlottesville, Va., and husband, Scott, welcomed Micah Thomas on June 1, 2017.

Bonnie M. Kelly, BE13M, of Arlington, Va., was named the editor-in-chief of the Journal of Law, Economics and Policy at the Antonin Scalia Law School, George Mason University. Nick Levy, EG14PhD, and Amalie (Tuerk) Levy, EG16PhD, of Ardmore, Pa., welcomed Isabel Marion on Nov. 8, 2017.

Timothy Abel, EG15, of Yardley, Pa., has received the American Society of Civil Engineers' Community Outreach and Service Award for introducing middle school students to engineering. As an associate highway engineer with Pennoni Associates, Abel provides design and engineering services for highway and transportation facility improvement projects.

Michael Abernathy, BE15, of Middletown, Del., has earned his Certified Public Accountant license.

**Elizabeth "Tizzy" Lockman, AS15M**, of Wilmington, Del., is a candidate in the Delaware Senate District 3 election.

Jianbo Pei, EG17, of Newark, Del., has joined the engineering department of Speakman, a showering, commercial plumbing and emergency equipment manufacturer.





# IN MEMORIAM

Margaret Smith Ingram, AS40, of Woodbine, N.J., Feb. 9, 2014

John E. Twilley, EG42, of Lancaster, Pa., Feb. 5, 2018

William A. Hancock, ANR43, of Spring, Texas, May 28, 2018

LaRue Gordy Hunter, HS45, of Atlantic Beach, Fla., May 10, 2018

Charles H. Mitchell, BE45, of Millsboro, Del., Feb. 9, 2018

Betty Kirk Tomenski, AS45, of Daytona Beach, Fla., March 5, 2018

Sophie McVey Jones, AS46, of Altamonte Springs, Fla., Sept. 7, 2017

Frances Cummins Megson, EG46, of Rocky Hill, Conn., Feb. 12, 2018

Joan Cauffiel Moomey, HS46, of Toledo, Ohio, April 10, 2018

Leland S. Inscho Jr., EG47, of Fort Collins, Colo., Feb. 4, 2018

Joseph F. Coady, EHD48, of Farmington, Conn., April 19, 2017

Shirley Mason Stuntz, AS48M, of Gaithersburg, Md., April 22, 2018

KARL WOLFGANG BÖER

died April 18, 2018, in Naples, Florida. He was 92.

Pauline Ellingsworth Thomas, EHD48, of Waynesboro, Va., Jan. 6, 2018

Wavne M. Anderson, AS49, of Hamilton, N.J., Jan. 25, 2018

William J. Buckworth, EG49, of Odessa, Del., April 22, 2018

Robert C. Day, AS49, of West Tisbury, Mass., Jan. 23, 2018

Marjorie Cochran Lang, AS49, of Broomall, Pa., Jan. 21, 2018

A. Lee Perry Jr., AS49, of Wilmington, Del., March 25, 2018

John R. Schmidhauser, AS49, of Santa Barbara, Calif., Feb. 21, 2018

Joseph J. Alexander, EG50, of Wilmington, Del., March 14, 2018

John C. Bockius, AS50, of Jenkintown, Pa., March 25, 2018

John E. Cronin, EG50, of The Villages, Fla., March 15, 2018

Joan Stetser Hitchens, AS50, of Ocean View, Del., Feb. 9, 2018

Solar energy pioneer Karl Wolfgang Böer, a long-time member of the University of Delaware faculty,

A renowned scholar, physicist and inventor, he was recognized around the world for championing the

development of solar energy technology and for demonstrating its potential use to the average person.

Dr. Böer joined the University in 1962. Recognizing the value of solar energy for residential use and as a way

electricity, which opened in 1973. Recognized by media around the world as a breakthrough for solar energy

Under Dr. Böer's direction, IEC grew into an internationally renowned research facility that was recognized

Photovoltaic Research and Education. The institute has served as an important training ground for many

as an alternative source of energy. The award, whose first recipient in 1993 was former President Jimmy

to reduce dependence on foreign oil, he founded the Institute of Energy Conversion (IEC) in 1972. There,

use, Solar One had more than 100,000 visitors in its first year. It was featured in science and technical

by the U.S. Department of Energy/National Renewal Energy Laboratory as a Center of Excellence for

In 1991, the University established the Karl W. Böer Solar Energy Medal of Merit Award in his honor to recognize individuals who have made significant, pioneering contributions to solar energy conversion

When Dr. Böer retired from the University in 1994, he was named Distinguished Professor Emeritus of

journals around the world and was listed as a historical building by the U.S. Department of Energy.

who have contributed to advances in photovoltaic technology for delivery of solar energy.

Carter, has become the most prestigious award for the global solar energy community.

Physics and Solar Energy. In 1998, he was honored with UD's Medal of Distinction.

he was responsible for the creation of Solar One, an experimental house with solar-generated heat and

George N. Sarmousakis, EHD50, of Wilmington, Del., April 21, 2018

Katharyn Boehmler Vaughn, EHD50, of Dover, Del., March 2, 2018

Richard A. Diver, BE51, of Wilmington, Del., Jan. 15, 2018

Frederick W. Hartmann, AS51, of Jacksonville, Fla., March 14, 2018

Florence Duncan Klimas, HS51, of Wesley Chapel, Fla., March 31, 2018

John W. Koch, EG51, AS60M, of Basking Ridge, N.J., May 15, 2018

Ethel Weaver Zabenko, HS51, of Newark, Del., Jan. 16, 2018

Thomas A. Gamble, EG52, of Wilmington, Del., March 27, 2018

Douglas A. Greenfield, EG52, of Levittown, Pa., April 4, 2018

Harold W. Smith, AS52, of Palm City, Fla., Feb. 15, 2018

Shirley Forman Anderson, EHD53, of Newark, Del., April 7, 2018

Florence Hafner Horton, EHD53, of Spring, Texas, Jan. 8, 2018

Robert L. Johnson, BE53, 55M, of Fallston, Md., May 11, 2018

Russell K. Rickert, EHD53M, of West Chester, Pa., March 2, 2018

Josephine Smith Sweeney, AS53, of Townsend, Del., Jan. 31, 2018

Patrick Thaddeus, AS53, of Cambridge, Mass., April 28, 2017

John M. Adair, AS54, 67M, of Vineland, N.J., Jan. 11, 2018

Jack B. Beatty, ANR54, of Wilmington, Del., March 23, 2018

Marianne Reinke Buck, EHD54, of Mantoloking, N.J., Feb. 11, 2018

Gordon C. Miller. EG55. of Idaho Falls, Idaho, April 7, 2018

Vincent Stallone Jr., BE55, of West Sand Lake, N.Y., Jan. 26, 2018

Ridgaway Weakley Workman, AS55, of Media, Pa., April 16, 2018

Jean Galbreath Allen, EHD56, of Hilton Head Island, S.C., Feb. 2, 2018

John R. Eagle, EG56, of Houston, Texas, March 2, 2018

Patricia Ware Sole, EHD56, of Wenonah, N.J., July 10, 2017

Robert J. Wilson Jr., AS56, of Milford, Conn., April 4, 2018

Ralph S. Baker, ANR57, of Tupelo, Miss., March 27, 2018

Miriam Corless Blackmer, AS57M, of Wilmington, Del., March 9, 2018

Donald L. Burris, EG57, of Elkton, Md., Nov. 25, 2017

Lawrence L. John, EHD57M, of West Chester, Pa., Jan. 18, 2018

Frank A. Stevens. EG57. of Savannah, Ga., May 12, 2018

William J. Stout, AS57M, of Middletown, Del., April 18, 2018

Charles Wilson, EG57, of Penn Valley, Calif., Jan. 11, 2018

Mary Jo Anselm Cercy, EHD58, of Cary, N.C., March 1, 2018

Anita Engwall Elsworth, EHD58, of Charleston, W.Va., April 5, 2018

Gary B. Homewood, EG58, of Felton, Del., April 20, 2018

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Ben W. Melvin Jr., EG50, of Wilmington, Del., June 4, 2018 Josephine Hires Wood, EHD58, of Milford, Del., Feb. 16, 2018

Gerald W. Greenspoon, BE59, of Jacksonville, Fla., May 28, 2018

**Betty Stark Hamblin, EHD59**, of Parsonsburg, Md., Dec. 31, 2017

Ronald C. Headley, EG60, 63M, of Grand Island, N.Y., April 15, 2018

Judith Brown Liefeld, AS60, of Coatesville, Pa., April 17, 2018

Grace M. Mataleno, AS60, of Chambersburg, Pa., March 24, 2018

William R. Smith, EG60, of Yorktown Heights, N.Y., Jan. 8, 2018

Norman E. Hughes, EG61, of Landenberg, Pa., April 18, 2018

Norman T. Mills, EG61M, of Lisle, Ill., March 26, 2018

**Judith Wivel Walsh, EHD61**, of Wilmington, Del., March 8, 2018

Judith Switzer Jenkins, BE62, of Beverly, Mass., May 12, 2018

Conrad C. Shuman, EHD62M, of Avondale, Pa., Jan. 16, 2018

Nicholas Vouras, AS62, of Wilmington, Del., March 8, 2018

Neale G. Bartter, ANR63M, of Wooster, Ohio, Feb. 13, 2018

James L. Everett, BE63, of Wilmington, Del., April 27, 2018

**Gladys Fluharty Lauber, EHD63**, of Wilmington, Del., March 18, 2018

W. Brooke Stabler Jr., AS63, of Wilmington, Del., July 3, 2017

**Theodore B. Treadway, EG63**, of Pittsburgh, Pa., June 9, 2017

Linda A. Baer, AS64, of New Creek, W.Va., May 16, 2018

**Benjamin G. Fischer, ANR64**, of Palisades Park, N.J., Dec. 25, 2017

Diane Netsch Gicker, EHD64, of Drumore, Pa., Jan. 29, 2018

Ann Happoldt, EHD64, of Dover, Del., April 26, 2018

Linda Baker McIlvaine, EHD64, 74M, of Georgetown, Del., April 15, 2018

John H. Nicely, HS64, of Blairsville, Ga., Jan. 31, 2017

Rudolph J. Pasler Jr., AS64M, 73PhD, of Ocean City, N.J., March 3, 2018

**Dona Luskin Beaston, AS65**, of Annandale, Va., May 10, 2018

Robert M. Foulk, BE65, of Monroe, N.C., April 14, 2018

Marjorie Brown Truitt, AS65, of Elkton, Md., Feb. 22, 2018

**Richard J. Cherrin, AS66**, of Wilmington, Del., Feb. 5, 2018

James P. Purvis, AS66, of Landenberg, Pa., Feb. 8, 2018

Alan H. Simpson, EG66, of Dover, Del., March 17, 2018

Karen S. Carpenter, EHD67, 74M, of Chadds Ford, Pa., May 1, 2018

**Michael E. Dunning, BE67**, of Wilmington, Del., March 24, 2018

Raymond S. Pusey, EG67, of Dover, Del., Jan. 24, 2018

William D. Baker, AS68, of San Francisco, Calif., Jan. 22, 2018

Sandra Miller Frick, EHD68, of Wilmington, Del., Jan. 11, 2018

Richard J. Horvath, EG68, of Spring, Texas, Feb. 19, 2018

Bonita Bruno Jodz, AS68, of Easton, Pa., May 5, 2018

Susan Scott McNamara, EHD68, of Dover, Del., April 8, 2018

Raymond V. Shepherd, AS68M, of Charlottesville, Va., May 2, 2018

John J. Spangler, BE68, of Timonium, Md., March 4, 2018

John H. Elliott Jr., AS69, of Kilmarnock, Va., April 22, 2017

Lowell A. Forbes, EHD69, of Augusta, Ga., March 6, 2018

Daniel G. Gusinski, AS69M, of Avoca, Pa., Dec. 23, 2017

Michael V. Hughes, EG69, of Laurel, Del., Feb. 27, 2018

Jerome R. Johnson, EG69PhD, of Havre de Grace, Md., March 2, 2018

Diane L. Lindstrom, AS69M, 74PhD, of Verona, Wis., Feb. 7, 2018

Catherine A. McCaughan, EHD69, of Santa Cruz, Calif., March 25, 2018

Elizabeth Gorman Parmentier, AS69M, of Palm City, Fla., April 11, 2018

Robert J. Power, BE69M, of Newark, Del., Feb. 6, 2018

Patrick S. Ruffin, AS69, of New Castle, Del., May 21, 2018

Joseph L. Sannella, BE69M, of Muncie, Ind., Jan. 24, 2018 **Elliott Harvey Snyder, AS69**, of Poetry, Texas, June 6, 2018.

Karen Cline Benton, AS70, of Statesville, N.C., Jan. 21, 2018

William S. Bullock III, BE70, of Circleville, Ohio, Jan. 13, 2018

Frank Miller, AS70PhD, of Bloomsbury, N.J., March 13, 2018

**David A. Wolstenholme, EHD70**, of Springfield, Va., March 14, 2018

Frances Chelosky Ednie, AS71, EHD73M, of Monroe, Mich., May 17, 2018

Kenneth A. Aldridge, ANR72, of Raleigh, N.C., May 14, 2018

**Sharon Murphy Bailey, EHD72**, of Milford, Del., Feb. 23, 2018

John M. Corradin, AS72, of Newark, Del., May 20, 2018

Virginia Colwell Kilpatrick, AS72M, of Mendham, N.J., March 5, 2018

Helena Hammel Lightel, EHD72, of Rockwall, Texas, April 28, 2018

Robert W. Seeds, BE72M, of Los Altos, Calif., April 10, 2018

Kenneth T. Baron-Carvin, EG73, of Chelmsford, Mass., April 25, 2018

Nellie Lynn Campbell, EHD73M, of Ponte Vedra Beach, Fla., Feb. 6, 2018

Chrisann C. Hoffman-Meyers, AS73, EHD89M, of Newark, Del., April 16, 2018

Cheryl Shannon Markiewicz, HS73, EHD78M, of Hockessin, Del., May 24, 2018

Susan Fultz Miller, AS73, of Clemmons, N.C., Jan. 17, 2018

#### Va., Feb. 22, 2018 **G. Howard Stike Jr., EG73**, of Newark, Del., April 25, 2018

Kevin J. Neary, AS73, of Arlington,

Betty Walter Thomas, EHD73, 78M, of Scottsdale, Ariz., Jan. 11, 2017

William E. Wrenshall IV, AS74, of Pittsburgh, Pa., May 23, 2018

**Eric Buel, AS75**, of Alburgh, Vt., April 5, 2018

Richard J. Burdette Jr., AS75, of Claymont, Del., Feb. 7, 2018

Shirley Gilbert Jackson, EHD75, of Wilmington, Del., Jan. 4, 2018

Robert W. Light, AS75, of Erie, Pa., Feb. 13, 2018

Mary L. Sheehan, AS75, of Rehoboth Beach, Del., Jan. 24, 2018

Jeffery G. Gonsecki, AS76, of Avondale, Pa., March 8, 2018

**Catherine L. Buttner, BE77**, of Houston, Texas, Feb. 25, 2018

Thomas W. Lovell, BE77, of Oakton, Va., Feb. 19, 2018

Mardee Kolaya Samsky, AS77, of Amherst, N.H., March 9, 2018

Leon R. Sokola, AS77, 86, of Hockessin, Del., May 21, 2018

**Charles H. Taylor, ANR77**, of Georgetown, Del., Jan. 12, 2018

Noreen Burns Shanahan, HS78, of Garnet Valley, Pa., Jan. 21, 2018

**Carolyn Hitch Wright, AS78**, of Laurel, Del., Jan. 28, 2018

James J. Anthony, BE75, 79, of Frankford, Del., March 6, 2018

#### FACULTY AND STAFF

**Costel D. Denson**, former engineering professor, interim dean and vice provost for research, April 23, 2018.

Frank B. Dilley, professor and chair of philosophy, April 13, 2018.

**Kenneth M. Lomax**, professor emeritus and former chairperson of the Department of Bioresources Engineering, June 9, 2018.

Peter McCarthy, professor emeritus of music, Nov. 12, 2017

William Wren McNabb, longtime program coordinator for study abroad, March 13, 2018.

Harris Edward Ross, associate professor of journalism and film, March 28, 2018.

Meredith Sullivan (Chapman), former senior director of marketing and adjunct professor, April 23, 2018 ■

#### • CLASS NOTES

Robert D. Huff, AS79, of Brigantine, N.J., Jan. 25, 2018

William R. Johnson, AS79, of Wilmington, Del., April 3, 2018

Ellen T. Muldoon, EHD79, of Newark, Del., Jan. 1, 2018

Ruth R. Montgomery, HS80, of Hockessin, Del., Jan. 7, 2018

Mary Ann Kirwan Barnard, AS81M, of Greenville, Del., May 13, 2018

Francis M. Lavelle Jr., AS81M, of Springfield, Va., Feb. 6, 2018

**Peter Lindtner, ANR81M**, of Wilmington, Del., March 23, 2018

Mary Swisher Yates, EOE83M, of Davis, Calif., Dec. 31, 2017

Robert J. Leonzio, AS84, of Rehoboth Beach, Del., Feb. 19, 2018

Lynn A. Morongell, AS84, of Hoboken, N.J., Feb. 10, 2018

Betsy Grove Nejako, EHD84M, of Claymont, Del., March 23, 2018

Louis A. Calvarese Jr., AS85, of Wilmington, Del., Jan. 8, 2018 Judith Coats Kolcum, EHD85M, of Clayton, N.C., Feb. 24, 2018

Thomas R. Oves Jr., AS85, of Ocean City, N.J., Oct. 22, 2017

**Linda J. Vena, AS85**, of Barrington, N.J., April 19, 2018

John J. Garrett III, BE86, of Forest Hills, N.Y., May 21, 2018

Joseph F. Panunto, ANR86, of Lansdale, Pa., May 18, 2018

Gregg T. Schimmel, AS84M, 86PhD, of Redmond, Wash., July 21, 2017

Nancy Termine McCarel, AS87M, 90PhD, of Ardmore, Pa., March 18, 2018

Mark T. Vonkleeck, EG87, of Elkton, Md., May 15, 2018

Glenn C. Ward, BE87, of Landenberg, Pa., Dec. 30, 2017

George "Ted" Yurek, EG87, of Baltimore, Md., Aug. 4, 2017

Christine M. Brunner, EG89M, of Clarkston, Mich., March 6, 2018

**Timothy D. Kostar, EG90, 92M, 98PhD**, of Merrimack, N.H., Jan. 15, 2018 Carolyn E. Heyden, ANR91, of Chadds Ford, Pa., Jan. 15, 2018

Sara C. Kennedy, AS92, of Westport, Conn., Feb. 4, 2018

Hugh J. McBride, BE92, of Selbyville, Del., Feb. 10, 2018

Gary W. Wriggins, AS93, of Newark, Del., Feb. 18, 2018

**Dike A. Anyanwu, ANR95**, of Sugar Land, Texas, Feb. 5, 2018

Jane Robbins Govatos, HS95M, of Lewes, Del., May 22, 2018

Adilee D. Parks, AS95, of New Castle, Del., Feb. 27, 2018

Jessica Wigmore Cabral, EHD97, of Trenton, N.J., Jan. 11, 2018

Matthew V. Ebling, AS97, 05M, of Wilmington, Del., Feb. 6, 2018

George A. Jasovsky, BE98M, of Bel Air, Md., April 13, 2018

John B. Bassett, BE99M, of Newark, Del., Jan. 21, 2018

Katherine A. Norton, ASOO, of Huntington Beach, Calif., Feb. 26, 2018

James H. Bowman, ASO1M, of Wilmington, Del., April 12, 2018

Jennifer M. Cain, BEO2, of Wilmington, Del., March 30, 2018

Mark A. Fitzpatrick, ASO3, of Beverly Hills, Fla., Feb. 2, 2018

**Douglas J. Strand, EG04M**, of Edgewood, Md., April 28, 2018

Bryan E. Steuer, EGO6, of Humble, Texas, May 18, 2018

Anthony M. Sturgis, ASO6, of Newark, Del., May 20, 2018

Stephanie A. Callahan, AS08, 09M, of Wilmington, Del., March 5, 2018

Marc S. Hechter, BE09M, of Las Vegas, Nev., Feb. 12, 2018

**Ge Guo, AS16M**, of Royersford, Pa., Feb. 28, 2018

Isabella M. Meshreki, ANR17, of Wilmington, Del., April 26, 2018

James DeCarlo, AS18, of Wilmington, Del., Jan. 22, 2018

Brian A. Stapleton, BE18, of Cranford, N.J., May 27, 2018

Ian James Hahn, AS19, of Wilmington, Del., May 11, 2018 ■



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- Ravi Dattani, CFP®, CPA 1996
- Karen Rencevicz Malchione, CPA 1987
- Ryan Cross, CFP® 1995
- Heather Bell Margolin 1989
- Amit Suchak 2007
- Heidi Santora O'Malley 1983

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**ROBIN MORGAN** became the University's 11th provost earlier this summer. A member of the UD faculty since 1985, Morgan was dean of the College of Agriculture and Natural Resources and chairperson of the department of biological sciences. Here, she talks about the academic programs of the future, lessons learned in leadership and one menu item

she can't live without.

#### Provost might be the most misunderstood title in higher education. How do you define the position?

The provost is the chief academic officer of the University. In the simplest language, that boils down to making sure that every student, faculty member, employee and community partner has the opportunity to access the resources of the University and reach their individual and collective potential.

### As someone who's been at UD since 1985, what would you say are our biggest strengths?

The high caliber of our faculty, and our size and scope. There is no other university quite like UD. Our campus has the breadth and resources of a very large university, is growing aggressively and yet still has an intimate feel about it that one would find at a relatively small college. When you walk across The Green, you see people you know. Our students learn from an extraordinarily talented group of faculty members, who are experts in their fields of study, and together, we share our resources with our surrounding communities and partners.

#### Any ideas yet for new academic programs you'd like to see?

I would like to focus on faculty-driven, interdisciplinary programs that meet student demand and opportunity. We intend to establish a graduate college at UD. I also would like to see us continue to create partnerships by connecting with each other, our local community and others around the world.

## As the first female provost in UD history, what leadership advice can you share?

My general principle is that you must make people want to follow you, inspire them and help channel teams in productive and important directions. Hiring the right people and setting them up for success is essential, as is good communication. I believe in talking face-to-face whenever possible and listening carefully to others. A good leader must also be honest; the truth helps earn and maintain trust. A strong leader is a bridge between those on the immediate team, and those who work above and below, respecting everyone and recognizing that people are our greatest resource, regardless of pay grade or position. And it doesn't hurt to have a sense of humor, maintain humility and ask for help when you need it.

#### What's your favorite place on campus?

Choosing just one favorite place is difficult, so I'll name a few. My favorite place to relax is the farm on south campus. My favorite place to indulge is the UDairy Creamery. My favorite place to reflect is inside Memorial Hall. My favorite place to feel the campus atmosphere is The Green. My favorite place to eat is any place on campus that sells soup, since I eat that almost every day. (I am indebted to whoever decides the weekly soup menu.)

#### If you didn't work in academia, what would your dream job be?

It's difficult to imagine working anywhere else, but if I did, I think I would choose something outdoors. One of my favorite things to do is to work in my garden at home, so I could see myself devoting my time to a public garden such as Longwood Gardens.

#### What are you most proud of?

The faculty I have hired and the students I have had the privilege to teach in class and to work with in my laboratory. Being around young people inspires me and makes me hopeful about the future.



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