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MESSENGER
VOLUME 20 | NUMBER 3



Balancing Act

A top-rated national player, **Elena Delle Donne** is completing a well-rounded career at UD encompassing academics, athletics and service. | p. 34

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Photo above: Freshmen sign the banner, sponsored by the UD Alumni Association, for the Class of 2016 that will be part of their next four years on campus. Photo by Evan Krape

Cover photo by Ambre Alexander



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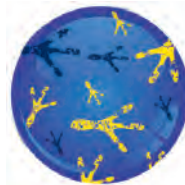
To see photos of the Interdisciplinary Science and Engineering Lab under construction



To view video of a century-old shipwreck found off Cape Henlopen, Del.



To read a student blog about the UD Chorale's European tour



To connect with other UD alumni



For additional information on athletics at UD

LETTERS

FROM OUR PRESIDENT



By the time you receive this issue of the *UD Messenger*, 2012 will be nearly over. It's been a busy year for the University, and for the people who make it such a special place to be.

We welcomed new leaders with the expertise to build on our accomplishments and the vision to move us forward: Vice President and University Secretary Jeff Garland; College of Agriculture and Natural Resources Dean Mark Rieger; Director of Athletics and Recreation Services Eric Ziady; and Admissions Director José Aviles.

Meanwhile, two colleagues well known at UD have assumed new responsibilities. Charlie Riordan is now vice provost for research, and Nancy Guerra is associate provost for international programs. Getting strong leaders into these positions—positions tightly aligned with our institutional priorities—is essential to our growth.

Of course, the talent at UD isn't confined to the University's leadership. We welcomed 44 new faculty members in 2012, who join the ranks of those whose scholarship and service were recognized this year with some of the world's most elite academic honors.

I'm confident it's this incredibly accomplished faculty that attracts so many terrific students to the University. This year, we logged a record number of applications for admission; 26,798 UD hopefuls vied for 3,844 seats in the freshman class. The number of incoming students scoring in the top tier on the SAT is record-setting as well, up 21 percent over four years ago. I can't wait to see what this competitive (and interesting!) group of students achieves.

Especially gratifying is the fact that the diversity of our student body is rising alongside academic performance: The Class of 2016 includes 56 percent more African-American students and 26 percent more Hispanic students than the Class of 2012. And resident student enrollment is climbing as well. A four-year, 34 percent rise in in-state students is attributable to our Commitment to Delawareans, our pledge to make a UD education academically and financially accessible to the state's students.

This Commitment is fundamental to our land-grant mission. We're beholden to that charter (whose sesquicentennial we celebrated in July) because we know that by securing Delawareans' access to excellent, affordable education, we ultimately help build families, communities and economies that can weather tough times like these—that can endure and innovate and prosper.

Our land-grant mission obliges us to apply our resources to benefit our neighbors; to use our knowledge, time, talent and money in a way that brings this state and this nation into the riches of the UD community; to make new knowledge and new technologies that secure our collective health, safety and prosperity. I invite you back to UD—any time you want—to meet the people who've made this their mission and who advance it every day.

Sincerely,

Patrick T. Harker
President, University of Delaware

TO OUR EDITORS

Editor:

In the spring of 2010, I was gathering many poems of mine in order to self-publish my first poetry book. In the process, I examined several copies of the late-1940s *The Cauldron*, the literary magazine of the UD English department, and in the Fall 1947 issue, I discovered “Claire Collins” listed as an associate editor. In the magazine were several of her poems.

Big surprise! The last time I had seen or heard of Claire was in December 1944, when I was inducted into the U.S. Army. We had been classmates at A.I. du Pont High School in Wilmington, Del.

When I finished publishing my poetry book, I searched a UD alumni catalog. Off went a copy of my book to Claire’s listed address. Six weeks went by. Then came a marvelous letter from Claire—a contact after 66 years—in which she rewrote my prose anecdote about my neighbor’s cats [I live on a houseboat in Seattle] in poetic form.

I have Claire’s permission to include her version of the anecdote in the “Cats” section of my next edition.

John M. Pursell, EG49

Editor’s note: Claire (Collins) McGinnes, AS49, lives in Wilmington, Del.

Submit a letter, either by mail to *UD Messenger*, 105 East Main St., Newark, DE 19716, or by email to TheMessenger@udel.edu. Please include your full name, graduation year and contact information. Letters may be edited for length, clarity and style.

FROM OUR ALUMNI ASSOCIATION



Tradition has long been defined by Webster’s Dictionary as “the handing down of information, beliefs and customs by word of mouth or by example from one generation to another without written instruction,” but we also have the ability to define it ourselves. When President Harker first arrived, he asked about UD traditions. I couldn’t think of any—or at least ones I could mention. But many now have been springing up on campus. If you haven’t experienced one, you should.

For the new freshmen, tradition starts with a Twilight Induction Ceremony—an opportunity to be officially welcomed to UD. There’s also the UDAA class banner signing, when freshmen sign a “Blue Hens Forever” banner that travels to events during their college years and beyond. At graduation, students participate in the UDAA Pinning Ceremony, which symbolically represents their transition to alumni. Traditions aren’t just for students. Along with winning football teams, UD fans enjoy traditions. Traveling band members sport massive brass instruments, scale the stadium steps repeatedly and play breathlessly from the aisles to wild applause. Victorious football players flock together for a helmet-pumping chorus of the Fight Song at game’s end.

As a UD donor, you’ve likely experienced special traditions. UD scholarship recipients gather at a “Gratitude Gala” to write personal thank-you notes to the donors who have made their scholarship awards possible. The notes create a bond between donor and scholar. To build on it, donors and scholars meet one another over dinner at the annual Celebration of Scholarship. Priceless...

And for our alumni, there’s your own weekend of traditions in June. Alumni Weekend opens with Mug Night on Friday, where you can start your own collection of UD mugs (great for entertaining Blue Hens). On Saturday, there’s a State of the University presentation by Harker and an update on what the UDAA is doing to serve you. Late Saturday afternoon, you can feel proud as we recognize exceptional alumni chosen for the UDAA Alumni Wall of Fame.

If none of these traditions appeals to you, there’s always the UDairy Creamery. Start a tradition of visiting—for any excuse you can muster. Warning: It may impact your waistline.

I have my own tradition. Each football game, I wear the gold UD football charm that belonged to my uncle when he played for the Blue Hens in 1924. I think Uncle Dick would be happy to know that his niece is proudly wearing it.

Have a Blue Hen tradition? Share it at alumni-association@udel.edu or at [facebook.com/UDalumni](https://www.facebook.com/UDalumni). You can never have too many UD traditions, as long as they’re ones you can talk about. A UD tradition generates a sense of belonging, spirit and fun. I dare you to come back and create one.

Cordially,

A handwritten signature in black ink that reads "Darelle Lake Riabov".

Darelle Lake Riabov, EH '73

President, UD Alumni Association



Evan Krape

WORKS *of* ART

by Ann Manser, AS73

Winterthur Museum is hosting an exhibit that showcases what its curator calls the museum’s “amazing collaboration” with the University in educating graduate students for the past six decades.

A highlight of “A Lasting Legacy: Sixty Years of Winterthur Graduate Programs” is the emphasis on the achievements of alumni, who have made their mark in virtually every major museum in the world.

The exhibit, which runs through June 16, traces the history and impact of the University’s Winterthur Program in American Material Culture (WPAMC), which began in 1952, and the Winterthur/University of Delaware Program in Art Conservation (WUDPAC), which will mark its 40th anniversary in 2014.

“There is a beautiful fit between the two programs, because both are rooted in the study of objects and because you need both types of professionals

to run a museum and to do great things,” says Brock Jobe, professor of American decorative arts and, with three students, the curator of the exhibition.

“There are other art conservation programs and other art history or museum studies programs, but nowhere else is there the collaboration of the two — combined with such amazing access to a collection like Winterthur’s.”

As work began to plan an exhibit celebrating the material culture program’s 60th anniversary, Jobe says, those involved realized that no public presentation had ever celebrated both programs together. With WUDPAC approaching its 40th year, this seemed like the right time for a joint exhibition, he says.

Over the years, a total of about 830 students have graduated from the two programs, and the curators of the exhibition managed to track down almost all of them. They are working in 41 states in the U.S. and



Lorraine Waxman Pearce, WPAMC’58, first curator of the White House, with first lady Jacqueline Kennedy

in eight other countries, in positions such as museum directors, curators at historic sites, art conservators, consultants, professors and authors or editors.

“When you look at the two programs, their influence is really felt around the globe,” Jobe says. “There isn’t a major museum where one of our art conservation or material culture graduates isn’t working.”

A continuing video with brief comments from 100 alumni discussing their education and careers can be viewed at the exhibition, and a wall of book and magazine covers shows the scholarship that program graduates have contributed to their fields.

That kind of professional impact was an early goal of the material culture program. Its origins coincide with the decision of Henry Francis du Pont to open his home and estate, Winterthur, to the public in the early 1950s as a museum. It was decided that managing such an undertaking, as well as caring for and displaying du Pont’s extensive collection of art and decorative objects, would require a staff of trained museum professionals.

Du Pont, Charles F. Montgomery (Winterthur Museum’s first director) and UD President John Perkins agreed to collaborate and create the material culture program to educate professionals for the staffs of Winterthur and other museums.

In addition to tracing the history of both programs and featuring their alumni, “A Lasting Legacy” highlights the kinds of work done by students in hands-on classes and field internships. Displays include conservation work carried out on paintings, tapestries and other items, as well as samples of furniture, silverware and other objects the material culture students examine to understand the context of how and why they were made in a particular way.

Jobe developed “A Lasting Legacy” with alumni Lauren Fair, a 2010 WUDPAC graduate and assistant conservator at Winterthur; Nalleli Guillen, a 2011 graduate of the Winterthur Program in American Material Culture; and Kati Schmidt, a 2012 graduate of the material culture program.

Donors included UD’s Office of Graduate and Professional Education; the American Decorative Arts Forum; David W. Dangremond, a 1976 graduate in Early American Culture; The Decorative Arts Trust; Jonathan B. Loring; Tru Vue Inc.; and the Washington Decorative Arts Forum, in addition to more than 125 alumni of the programs. ■

WORDS *of* PRAISE



“I was inspired to a curatorial career in the American decorative arts by the unique opportunity afforded Winterthur Fellows to immerse themselves in the study of the Winterthur Museum’s incomparable collections.”

MORRISON H. HECKSCHER, WPAMC '64
Lawrence A. Fleischman Chairman of the American Wing, Metropolitan Museum of Art



“There is no substitute for hands-on encounters with objects of the past. The Winterthur Program in Early American Culture [the program’s original name] opened my eyes to the potential for studying artifacts as documents.”

LINDA BAUMGARTEN, WPAMC '72
Curator of Textiles and Costumes, Colonial Williamsburg



“The Winterthur/UD Program in Art Conservation gave me an excellent training and professional network in the conservation treatment of objects and sculpture, scientific analysis, collaborative research and risk management.”

DONALD SALE, WUDPAC '88
Preventive Conservation Manager Royal Pavilion & Museums Brighton, England



“My studies at Winterthur exposed me to a great deal of art, artifacts, research, people and institutions, but the most important thing I learned at Winterthur was how to look at objects.”

ELEANORE GADSDEN, WPAMC '00
Carolyn and Peter Lynch Assistant Curator of American Decorative Arts and Sculpture, Museum of Fine Arts, Boston



“The Winterthur/University of Delaware Program in Art Conservation gave me the foundation that I needed to become an objects conservator. Learning in such an innovative and inspiring environment was an invaluable experience.”

ANYA MCDAVIS-CONWAY, WUDPAC '07
Conservator and Research Scientist Okinawa Institute of Science and Technology, Okinawa, Japan



“The education and support I received in my two years at the University of Delaware was phenomenal and prepared me for several possible careers. Networking with professionals I met through the graduate program was invaluable.”

NICHOLAS BELL, WPAMC '08
The Fleur and Charles Bresler Curator of American Craft and Decorative Art Renwick Gallery of the Smithsonian American Art Museum

ON THE GREEN

Roof is green in more ways than one

THE first environmentally friendly green roof to be installed on a UD classroom building was marked by a celebration Sept. 28 atop Colburn Laboratory, where 4-inch-deep plantings now provide an insulating effect.

“It’s great to see horticulture—and I’m speaking as a horticulturist now—come to the intersection of engineering and art,” Mark Rieger, dean of the College of Agriculture and Natural Resources, said at the celebration. The project was made possible by grant funding and some creative engineering by the landscape design program.

About 600 engineering students take classes in Colburn Lab’s one-story classroom wing, where indoor temperatures have been known to reach 86 degrees due to heat transfer from its southern exposure, wide expanses of glass and flat roof. Installing reduced-wattage lights, ventilation maintenance and other measures failed to lower temperatures sufficiently.

The new green roof offers a variety of environmental, educational and cost-saving benefits including a reduced need for heating and cooling in the building, which lowers carbon dioxide emissions and prolongs the life of the current HVAC systems; a sponge effect, in which the plants absorb storm water runoff to the surrounding area; and an opportunity for students to get hands-on experience in growing the plants and in using green engineering methods in a living classroom. ■



Chad Nelson, assistant professor of plant and soil sciences, on the new roof

Judge’s verdict: Persistence pays off

JUDGE Marilyn Milian, who made the move from Miami’s Circuit



Court to the *People’s Court* to become TV’s first Latino judge, spoke on campus in October about the importance of overcoming limitations.

“People always ask me how I got this job,” said Milian, who spoke as part of the Latino Heritage Month Extravaganza at UD. “It was a mixture of luck, timing and reckless abandon.”

When first approached about *People’s Court*, Milian, who is of Cuban heritage, flew to New York to audition. She said she was told that she was “not Latino enough,” but, undeterred, she went in for a second audition and got the job.

“Don’t ever let anybody put a ceiling on you or paralyze you with fear,” said Milian, adding that regardless of race, gender or beliefs, everyone experiences limitations placed on them by others.

Speaking later with UD students, she said she loves her

TV work because she can educate people all over the nation about law and share Latino culture at the same time. ■

Renovations reveal writing in the wall

A BACKHOE operator working on renovations to the Carpenter Sports Building in August came across a box full of mementos inside a wall of the building commonly known as the “Little Bob.”

The copper and lead box was a time capsule containing University materials from 1941 to 1967, including results of the 1941-42 athletics season; a 1950 penny; various football programs, including a brochure (which sold for 15 cents) from the Sept. 27, 1941, West Chester game, the first contest with UD in a series that ended just this year; and various publications, such as Newark, Wilmington and UD student newspapers from 1942 and alumni bulletins (right) and a freshman handbook, all from 1941-42.

The capsule was originally placed in the building during construction in 1941. During renovations in the 1960s, when the curve to the entrance was

created, more items were added and the capsule was replaced in the wall.

“We would like to create a poster of the contents and put the box on display in the Little Bob,” Jake Olkkola, associate athletic director, says. “The contents will be placed in a new time capsule, with items from 2012, and put back into the wall.” ■

Generous donors set another record

HIGH temperatures weren’t the only things breaking records last summer.

Donors contributed \$61,173,804 to UD in fiscal year 2012, exceeding by more than \$10 million the annual contribution goal set forth by the University’s Board of Trustees and marking the second consecutive year of record-setting support.

“Our University continues to deepen its impact, thanks to the generosity of University of Delaware alumni and friends,” President Patrick Harker said in announcing the donation totals. “Private gifts are the catalyst that allows us to recruit outstanding faculty, provide scholarships and



greater access to students of all backgrounds and circumstances, and research the pressing issues of our global society.”

Compared with the previous year, contributions to the University increased by 19 percent.

Among the year’s major donors were Edmond Sannini and Concetta Frezzo of Summit, N.J., both BE78, who

made a gift to establish the Sannini Frezzo Scholarship to benefit Delaware residents enrolled in the Alfred Lerner College of Business and Economics. Sannini also recently volunteered to serve on the college’s Advisory Council.

“Since we are both alums of the Lerner College, long before it was called the Lerner College, it was a natural fit for us to

establish a scholarship so that a student from Delaware could have this exceptional educational opportunity,” Frezzo says.

Anyone wishing to make a contribution to UD can contact Beth G. Brand, associate vice president of development, at bgbbrand@udel.edu or (302) 831-2104. ■

Engineering dean wrote notable lyrics

WHAT does Babatunde

Ogunnaike, interim dean of the College of Engineering, have in common with a calypso singer, a home



renovator and an anesthesiologist? All four are national anthem authors—in fact, co-authors of the same national anthem.

Ogunnaike, who is the William L. Friend Chair of Engineering, contributed words to Nigeria’s national anthem as part of a competition in 1977, as the country emerged from years of civil war.

When the 21-year-old student saw some of the initial entries in the newspaper, he was not impressed and submitted one himself. Soon after, he left Nigeria for the United States but heard that some of his words had been incorporated into the final lyrics of the song, *Arise, O Compatriots*. His share of the prize totaled 50 naira, or about 31 cents.

Now a member of both the Nigerian Academy of Engineering and the National Academy of Engineering in the U.S., Ogunnaike has an impressive resumé documenting his work in process and systems engineering. But he still lists the anthem in his dossier and says he feels both pride and sadness when he hears it.

“It reminds me of unfulfilled promises,” he says. “Nigeria has so much potential, and the words of the anthem were meant to reflect this.” ■

Train station on track to spur growth

A \$10 million federal grant will fund the Newark Regional Transportation Center Station Improvement Project, to be located on the University’s Science, Technology and Advanced Research (STAR) Campus.

The grant award, announced in June, will improve the Newark Train Station into a multi-modal hub, while maintaining or expanding the operations in the adjacent freight rail yard, and will serve as a development catalyst for the STAR Campus, planners say. The new station will improve passenger safety with grade-separated access to the new platform, will advance Americans with Disabilities Act compliance and will

allow for new ticket windows and vending machines.

The project is part of a larger development plan being led by UD at the STAR Campus, which calls for a health sciences complex with the College of Health Sciences and a Bloom Energy manufacturing facility, as well as retail and residential space.

The Newark station was selected for funding by the federal Department of Transportation in a competitive evaluation process that took into account the potential for the project to improve mobility, boost economic growth and reduce environmental impacts. ■

April 1941



Portrait Study of John Sloan, 1907-8. Gum bichromate. Gift of Helen Farr Sloan, 1978.

Exhibits focus on photography, fashion

A unique collection of the work of a pioneering American woman—one of the first to establish herself as a professional portrait photographer—will be the subject of an exhibition on campus opening in February.

“Gertrude Käsebier: The Complexity of Light and Shade,” on display in the Old College Gallery from Feb. 6 to June 28, will focus on

photographs and papers held by the University Museums and by Special Collections in the Morris Library. The exhibition will examine both the breadth of Käsebier’s subject matter, from formal portraits to landscapes, as well as her experimentation with photographic printing techniques.

Käsebier (1854-1934) was one of the first women to establish a thriving

portrait studio in New York City. The photographer Alfred Stieglitz invited her to become a founding member of the Photo-Secession, which devoted the first issue of its deluxe journal, *Camera Work*, to her in 1903. Though best known for her emotionally charged images of women and evocations of motherhood, Käsebier’s work went much further.



The Sketch, 1903. Platinum. Gift of Mason E. Turner Jr., 1983

The University holds an exceptional collection of her photographs and personal papers, donated by the artist's great-grandson Mason E. Turner Jr. of Wilmington, Del.

An interdisciplinary collaboration, the exhibition's catalog will open with an essay by guest curator Stephen Petersen. Other chapters will present the research of UD professors Debra Hess Norris and Jennifer Jae Gutierrez and graduate student Greta Glaser, who have worked with Petersen and the University Museums staff on the selection of images. Many of the images have been examined in the conservation and research laboratories at Winterthur to determine the precise nature of the printing technique used.

Margaret Stetz, Mae and Robert Carter Professor of Women's Studies, will contribute an essay on Käsebier within the context of the feminist politics of her day, and Timothy

Murray, head of Special Collections, will discuss the materials held in the UD Library.

Common threads: art, history, apparel

A student-led exhibit of women's fashion during the 20th century will run in conjunction with the Käsebier exhibition beginning Feb. 6.

From the flapper dresses of the Roaring '20s to the grunge, waif style of the 1990s, "Common Threads: History of Fashion Through a Woman's Eyes" will provide a study of apparel, art and history.

Featuring nearly two dozen garments and accessories—chosen from among the 3,000-plus housed in the Department of Fashion and Apparel Studies' Historic Costume and Textiles Collection—the exhibition combines the expertise of faculty, staff

and students from across the University. The interdisciplinary project links fashion and apparel studies with material culture research, art conservation, art history, women's studies, visual communications and University Museums.

Collection pieces, which have been preserved by art conservation students, will include a high-waist, silk dress from 1902; a Christian Dior piece that embodies the feminine style of the 1950s; and a floral "power suit" from the 1980s.

The fashion and art conservation students also have produced 22 podcasts to accompany the exhibition. Two to three minutes long, each video provides a social history of the piece and includes information on the garment's designer and style.

"Common Threads" will remain on display in the West Gallery of Old College until June 28. ■

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Assistive technology benefits users, students, researchers

A center where people can come to borrow devices that use technology to help them cope with mobility, sensory, cognitive or communication limitations is now operating on the UD campus.

The New Castle County Assistive Technology Resource Center is part of the Delaware Assistive Technology Initiative (DATI) at UD's Center for Disabilities Studies.

Since it was established in 1991, DATI has helped to bring about improvements to assistive technology access and use through research, training and leadership, says Lynn Okagaki, dean of the College of Education and Human Development, where the disabilities studies center is housed. The initiative also provides key services including equipment demonstration, equipment loan, alternative financing and device reuse, she says.

"This is a tremendous resource for our citizens, helping provide them the tools they need in order to learn, work and play safely and independently, often at reduced or no cost," Okagaki said at the opening of the new resource center last May.

"Having the [resource center] relocate to the Center for Disabilities Studies will also provide a tremendous resource for the University and the College of Education and Human Development. We are identifying ways to better integrate class work and field experience, to ensure our students are well-prepared as they enter their chosen field."

Now that DATI is on campus, she said, it will be easier for its staff to teach graduate and undergraduate courses, such as those dealing with the use of technology and assistive technology in early childhood; provide guest lectures in courses across campus; support students interested in working with individuals with disabilities by offering experiential



PHOTOS BY LANE McLAUGHLIN

Assistive technology specialist Marvin Williams shows UD student intern Leah Diamant a device that helps the user communicate.

learning, including extended internships; and provide access to assistive technology equipment for projects, class demonstrations and personal use.

Devices available in the resource center include toys that play music or light up to provide sensory stimulation for young children, telephones with special displays or amplifiers for users who have difficulty hearing, computers with extra-large and colorful keys for people who are visually impaired and communication devices that "speak" when the user pushes a button to convey a particular message.

Marvin Williams, assistive technology specialist in the center, notes that people often consider a device to be assistive technology only when it is expensive. But he says he finds it challenging and fun to find a solution for somebody's needs by using "something that's already out there," including mobile devices used by the general population and toys once considered high-tech that are now readily available on discount store shelves.

Among members of the UD community who plan to make use of the resource center is Cole Galloway, associate professor of physical therapy. He says physical therapists view their

work as a way to empower people to increase their functionality, but they don't often think of assistive technology in this way. The new center on campus will change that view, he predicts.

Galloway describes assistive technology as a "power chassis" that fits in with the daily functioning of all individuals as well as the academic mission of the University.

Kevin Chang, a student who is president of UD's Biomedical Engineering Interest Group, attended the center's open house with plans to work with the staff to develop a hands-on project "to see the effects of what we do" in biomedical engineering. ■

—Michele Sands



ON THE GREEN

Teachers get help with climate change

Delaware and Maryland teachers will have new resources to integrate climate change science into their classrooms, thanks to a major initiative announced recently by the National Science Foundation.

The \$5.8 million cooperative agreement supports implementation of the Maryland-Delaware Climate Change Education, Assessment and Research (MADE CLEAR) partnership, an effort to forge new ways to deliver effective and relevant climate change education that could serve as a national model.

The partnership brings together experts in the fields of climate science and education, led by the University System of Maryland and University of Delaware, to provide a system of



support for teachers in the two states. Focusing on grades 8-12, the network will also engage universities, state departments of education and educators from natural resources agencies, museums and aquariums.

Climate change is a complex and sensitive topic to teach, touching on economic, social, political and scientific issues to a greater degree than most other science topics.

The MADE CLEAR partnership encourages scientists and educators to work together to ensure scientific objectivity and accuracy in the classroom and promote critical

thinking. Rather than introducing climate change science as a new subject in an already crowded curriculum, the goal is to integrate understanding of climate change within new science standards and environmental literacy requirements in Maryland and Delaware schools.

“MADE CLEAR will support the development and distribution of teaching approaches and materials and evaluate their effectiveness,” says Nancy Brickhouse, interim provost and professor of science education at UD. “In that way, we can not only strive for continuous improvement in our two states but also be a model for the nation.”

The partnership brings together scientists who are engaged in various aspects of climate change research, ranging from atmospheric physics and chemistry to the effects of climate change on ecosystems and human health. ■

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Twilight ceremony welcomes new students to campus

Members of the Class of 2016 began their academic and personal journeys as Blue Hens during an inaugural Twilight Induction Ceremony held on the South Green at the start of fall semester.

In his welcoming remarks, UD President Patrick Harker invited the freshman class to join a community of thinkers, dreamers, innovators and trailblazers during a journey that will see fruition at their Commencement on May 28, 2016.

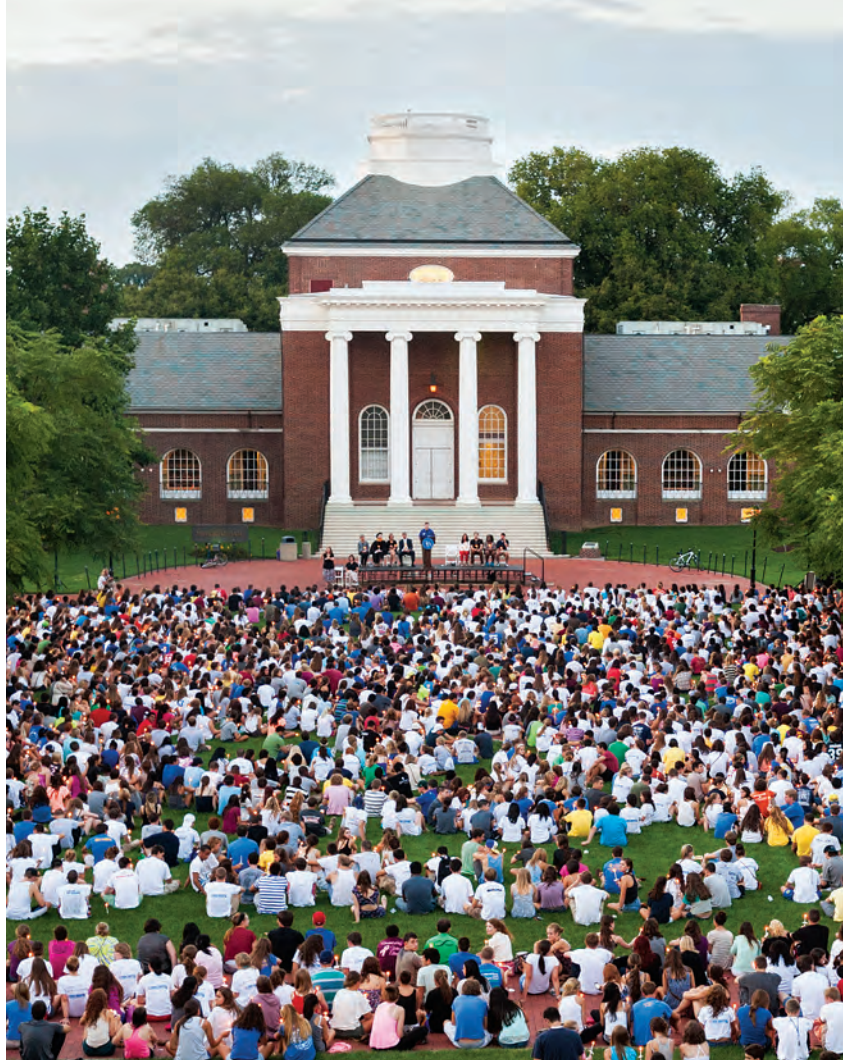
“The great thing is that you’re on this journey together, as a class, and that’s going to make many of those months and weeks and days among the most memorable of your lives,” Harker said. “You’re Blue Hens now. You’re connected to something bigger than yourself.”

Being connected to a community that values excellence, that develops potential and that works for change also includes a commitment to fulfilling the mission and ideals of the University, he said.

“If I didn’t think a group of smart, driven, passionate people could change this world, I wouldn’t be in this job,” Harker told the group. “I believe the reason I’m here is to ensure that you have everything you need—the knowledge and skills, the opportunities and resources—to make the change you want to see.”

He also emphasized the University’s commitment to diversity and inclusion in a welcoming community that supports critical thinking and freedom of speech and thought.

Nancy Brickhouse, interim provost, congratulated the incoming class on being the most academically accomplished in UD history and urged the freshmen to pursue a wide range of interests through discovery learning.



EVAN GRAPE

“I hope you think of your entire experience here as a kind of discovery learning, not just academically but personally as well,” Brickhouse said. “That is the way to a truly enriching undergraduate experience, and I wish you every success.”

The ceremony concluded with a moment of silence and reflection as students lit candles. An ice cream social featuring UDairy Creamery treats followed the induction.

Meet the Class of 2016

This year’s entering undergraduate class consists of more than 3,800 students from 34 states, selected from a record 26,798 applicants for freshman admission, an 8 percent increase from last year.

Both diversity and academic achievement also are on the rise. Freshmen scoring 2100 or more on their SATs is up 4 percent over last year and 21 percent over four years ago. The Class of 2016 includes 56 percent more

African-American students and 26 percent more Hispanic students than the Class of 2012.

Among the freshmen on the Newark campus this year are 14 percent more Delawareans than last year. They come from 54 high schools in the state, including a substantially higher proportion from Kent and Sussex counties.

Other new Blue Hens who joined the student body this year are 1,296 graduate students. Of that group, 30 percent are international students from 59 countries, bringing the total number of countries represented by UD graduate students to 90.

In all, 8,285 students applied for graduate admission this year, a 4 percent increase over last year and 47 percent more than four years ago. Among UD’s 3,716 graduate students are 11 Fulbright Fellows and 13 National Science Foundation Graduate Research Fellows. ■



International competition is music to their ears

The University Chorale and UD-17, a premier vocal chamber ensemble, spent three weeks last summer in Europe, not as tourists but as performers, winning honors at a major international choral competition.

After singing by invitation at the International Society for Music Education conference in Thessaloniki, Greece, the ensembles went on to the Béla Bartók International Choir Competition in Hungary, where they were the only U.S. participants. The UD Chorale advanced to the “Grand Prix” round of competition there and finished a close second behind a Latvian choral group known as one of the best in the world.

Paul D. Head, professor and chair of the Department of Music as well as director of choral studies at UD, won the festival’s award as best conductor.

The Bartók event was four days long with three stages of competition. The UD students breezed through the first two rounds, performing new sets in each. UD-17 placed third, but did not make it to the Grand Prix.

“With a powerful and perfect performance, [the UD Chorale] nearly displaced the tough front-running Latvian group,” George Watson, dean of the College of Arts and Sciences, wrote in an email from the final round of the festival, which he attended. “Our students were fearless and wonderful as they concluded two days of fierce competition with an inspired and inspiring performance.”

The competition included amateur and professional choirs in five categories: children’s choirs, youth choirs, equal voices, chamber choirs and mixed choirs. The UD Chorale competed in the mixed choir group and UD-17 in the chamber choir group.

The festival in Hungary was a highlight of the students’ European trip, in which they also toured in Germany, Austria and Greece, performing and recording at every stop as they worked to prepare for the Bartók competition.

“The students had maybe two whole days off while we were there,” Head says of the trip. “They performed and practiced every day to refine their sound.”

The tour coincided with the London Summer Olympics, and music

education major James Huchla noted a comparison. “It was like we were Olympians, in a way,” he said, “and eager to prove America’s place in the choral performance world.”

The opportunity for vocal music students to perform in Europe is invaluable, Head says.

“The choral tradition comes out of Western Europe, and Europeans seriously value choral singing as part of formal music education,” he says. “Singing in Europe is a pilgrimage of sorts.”

The UD Chorale is among the most highly regarded college choirs in the eastern United States. In recent years, the choir has been invited to sing at both regional and national conventions of the American Choral Directors Association and has

performed at Carnegie Hall in New York and Verizon Hall in Philadelphia’s Kimmel Center for the Arts.

In addition to annual regional tours, the chorale has traveled extensively throughout Europe and, in 2007, took the first-place grand prix award over 40 other choirs at the Tallinn International Choral Competition in Estonia.

UD-17 is a select 17-voice choir that makes frequent appearances throughout the mid-Atlantic region. In its first international performance in 2010, the ensemble took second-place awards in both categories in which it competed at the 42nd International Tolosa Choral Contest in Spain. ■



Paul Head (top) conducts the Chorale in Germany; below, singers perform on the international stage.



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EVAN KRAPE

Laboratory building will strengthen teaching, learning, research

As fall semester began, a focus of attention on campus was the Interdisciplinary Science and Engineering Laboratory (ISE Lab), now less than a year away from its scheduled opening and the recipient of a major gift from DuPont.

In August, the University announced a \$5 million gift from the company to support construction of the 197,000-square-foot building at the corner of Lovett Avenue and Academy Street, the first major new laboratory to be built on campus in 20 years. In recognition of the company's leadership support, an instructional wing of the new facility will be known as the DuPont Science Learning Center.

"DuPont is excited about partnering with the University of Delaware to help further cross-disciplinary research and education as a cornerstone to UD's mission," says Thomas M. Connelly, the company's executive vice president

and chief innovation officer. "We look forward to engaging the academically diverse and innovative young scientists and engineers who will look to complete their education here."

The University's goal is to raise \$56 million in private funds to build the ISE Lab, which is designed to meet the critical need for increased and more flexible teaching and laboratory spaces. Rising enrollment coupled with UD's top-ranked programs in engineering and science have resulted in a shortage of such space. In recent years, for example, it has been common for laboratory sessions in chemistry, biology and physics to be held on weekends and until 11 p.m. on weeknights to accommodate the demand for introductory-level and required courses.

In addition to easing classroom overcrowding, the new building has been planned to usher in a contemporary approach to teaching science.

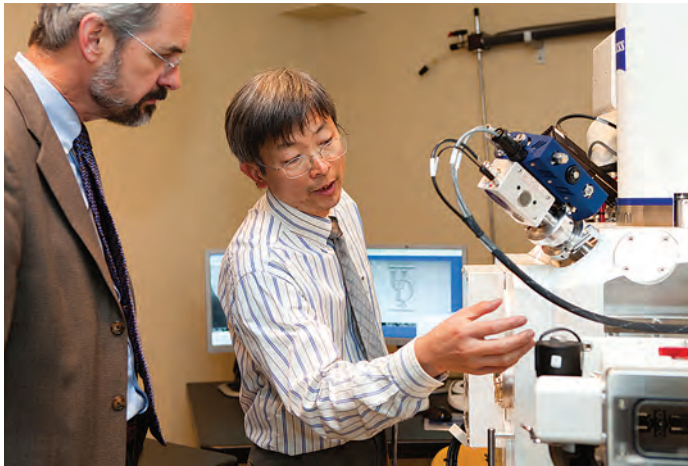
Since 1997, the University through its Institute for Transforming Undergraduate Education has earned international recognition as a leading expert in problem-based learning, an educational model in which students work collaboratively in small groups to solve complex problems.

UD's aim has long been to revamp its science and engineering curriculums to allow undergraduates to solve real-world problems using an interdisciplinary approach. With adaptable learning spaces designed to incorporate instruction, laboratory space and problem-solving sessions, the ISE Lab is a key element in the success of this plan.

"The problem-based approach asks students not just to cover material, but to uncover it for themselves," says George Watson, dean of the College of Arts and Sciences. "It elevates the level of discovery in the classroom through engagement with interdisciplinary real-world problems."

UD hopes to increase the number of science and engineering majors by actively engaging undergraduates in inquiry approaches that allow them to learn and apply scientific principles to solve real-life problems. This hands-on approach is intended to foster critical thinking skills, curiosity about the subject matter and collaboration across disciplines.

The ISE Lab already has played a role in a \$198,000 grant to the University from the National Science Foundation, which will be used to develop an integrated seven-credit course for first-year science and mathematics education majors. The course, to be introduced next fall, will utilize the classrooms in the building designed specifically for the kinds of problem-based learning that will distinguish the new curriculum.



Chaoying Ni (right), associate professor of materials science and engineering, shows Doug Doren, associate dean of the College of Arts and Sciences, a sophisticated dual-beam microscope acquired for the ISE Lab.

“Our goal is to offer the next generation of teachers new models and innovative training experiences,” says Stephen Bernhardt, a writing professor and the grant’s principal investigator. The new curriculum would replace traditional lecture formats with problem-based and peer-led learning exercises that would instead focus on “big questions and understandings in math and science,” he says.

In addition to the teaching and instructional spaces in the DuPont Science Learning Center, the ISE Lab will house a research wing that will provide the most advanced scientific equipment and laboratory spaces available. These facilities include a nano-processing clean room, an imaging and microscopy suite, a synthesis lab and an advanced materials characterization lab. UD officials say such resources will allow the University to recruit and retain the best and brightest of the scientific community as well as secure

future federal and private funding for research across scientific areas.

The research wing of the ISE Lab will also address global issues of environmental sustainability and alternative energy sources by housing three UD institutes focused on those topics: the Catalysis Center for Energy Innovation, the Delaware Environmental Institute and the UD Energy Institute. ■

—Shannon H. Pote

Many opportunities to support ISE Lab

The University is less than a year away from the opening of the Interdisciplinary Science and Engineering Laboratory (ISE Lab)—one of the most anticipated new facilities on campus.

Good weather during the summer resulted in consistent progress on the construction. As of September, the building was

nearly 75 percent complete, and the University had raised an estimated \$35.1 million toward its fundraising goal of \$56 million.

Plans are to officially dedicate the ISE Lab at a grand opening ceremony in fall 2013. Until then, there is plenty of time for alumni and friends to invest in what is already seen as an exciting piece of

UD history. Although the DuPont Science Learning Center has been named, more than 130 other naming opportunities still exist.

For more information on how you can contribute, please contact Beth G. Brand, associate vice president of development, at bgbrand@udel.edu or (302) 831-2104. ■



No passport needed to experience Muslim life

EVAN KRABBE

When Patricia Sloane-White speaks of Muslim Delaware, she's often met with a look of disbelief from students, members of the community and colleagues, who all ask the same question: Well, where is it?

"Right here," she answers. "We don't have to go to the Middle East to learn how Muslim people live in the modern world today."

In fact, Sloane-White has developed a course to, as she describes it, "bring people face-to-face with the people who make up Muslim Delaware."

During spring semester, Anthropology 267 was composed of 15 undergraduates, nearly half of whom had some familiarity with the Middle East, either through coursework or study abroad, and another half who admittedly "knew nothing and wanted to learn more."

The course, titled "Muslim Delaware," was co-taught by Sloane-White, an associate professor of anthropology and director of the Islamic Studies program at UD, and Amna Latif, whose husband is a professor in the Lerner College of Business and Economics.

Its goal, Sloane-White says, was for students to communicate with and learn from others "the essence of humanistic anthropology and Islamic social relations."

In addition to classroom discussions, the students participated in site visits, which included trips to the Islamic Society of Delaware to learn about prayer, the mosque and its role in the community; the Masjid Al Kauthar to better understand the Black American Muslim experience; and the Tarbiyah School to study and witness the role of the private Islamic school.

On a separate outing—a meeting with the Tarbiyah Sisters Group—the students and a group of Muslim women all sat in a circle on the floor.

"This is the way the Prophet sat," explained Miriam, president of the Tarbiyah School Board and leader of the weekly women's group. "It's a way to bring us closer together," she added, as the class and community began an extensive discourse on women in Islam.

Active participation in the course was mandatory. All students were required to keep an anthropological field journal, and the course also maintained a closed Facebook page, in which students shared articles, posted videos and commented on their reactions to class discussions, required readings and field trips.

Early in the semester, one student uploaded a photo from "the only mosque I've visited so far" from his hometown of Taipei, Taiwan. The Facebook group was a forum for students to continue the conversation and ask questions.

"Why does the person doing the call to prayer cover their ears with their hands?" asked one student. "Does the Quran specifically define men and women's natures?" asked another. "Is a Muslim widow allowed to remarry if she has children?"

While Sloane-White and Latif answered some questions, they left the discussions largely open-ended for the other students. Even the site visits were primarily exchanges between students and community leaders, with the professors listening far more than lecturing.

"As an anthropologist, one conversation is in some ways worth a semester of reading," says Sloane-White. "What I find most amazing is the absolute willingness and degree of engagement from both students and the community."

"The students have a real desire to know more. And we've been welcomed—literally embraced—by the community, who say, 'Please come again. Learn more. Understand and get to know us.'" ■

—Artika Rangan Casini, AS05

Recognition for UD as ‘public gem’

The University received high marks in fall higher education rankings, listed among the Princeton Review’s *Best 377 Colleges* and in the *Fiske Guide to Colleges*.

The *Fiske* ranking, compiled by a former *New York Times* education editor, takes a look at more than 300 of the best and most interesting colleges and universities in the U.S., Canada and Great Britain. It hails UD as “a public gem that boasts more than 125 solid academic programs, from engineering to education.”

Superlatives for UD in the Princeton guide include academics and campus life.

Only about 15 percent of America’s 2,500 four-year colleges are profiled in the book.

The University was rated highly in numerous other recent publications and rankings. These include:

- *U.S. News and World Report’s Best Colleges 2013* edition rated UD No. 31 among U.S. public universities and No. 75 among all U.S. universities. It was cited in particular for its undergraduate engineering program.
- For the second year in a row, the University is listed among the world’s top 150 universities, according to a study by the Center for World Class Universities of Shanghai Jiao Tong University.
- UD gained 15 spots in the *Times Higher Education World University Rankings*, moving from 180 in 2011 to 165 in 2012. The rankings, by Thomson Reuters, judge world-class universities across all of their core missions—teaching, research, knowledge transfer and international outlook.



EVAN KRAPE

- Delaware also was recognized for graduation rates that are well above the national average, according to a *Chronicle of Higher Education* report on college completion. The report, using data from 2010, shows that 61.8 percent of UD students graduated in four years, a figure that compares with a national average of 31.3 percent among U.S. four-year public universities and places UD in the 95th percentile. ■

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HONORS & ACHIEVEMENTS

David Farber, known to many as “the grandfather of the Internet” and a Distinguished Policy Fellow in UD’s Department of Electrical and Computer Engineering, has been named to the board of trustees of The Internet Society, a nonprofit organization founded in 1992 to provide leadership in Internet-related standards, education and policy,

Alan Fox, professor of philosophy, was one of two recipients of a two-year National Teaching Fellowship awarded by the American Association of Philosophy Teachers to develop a project that will advance the teaching of philosophy.

Guido Geerts, professor of accounting and management information systems, received the 2012 Outstanding Contribution to Research Award from the Strategic and Emerging Technologies Section of the American Accounting Association, recognizing a scholar whose research has an impact on the field and shows originality and innovation.

Tricia Wachtendorf, associate director of UD’s Disaster Research Center and associate professor of sociology, was an invited expert at this year’s American Red Cross Day at the White House, where she discussed her field research focusing on the coordination among organizations in disasters.

Samuel Gaertner, professor of psychology and a recognized expert on discrimination and prejudice, received the 2012 Career Contribution Award from the Society for Personality and Social Psychology, which recognizes “senior scholars who have pioneered new directions of research.”

Jack Gelb Jr., professor and chair of the Department of Animal and Food Sciences, who conducts research on the avian infectious bronchitis virus, received the 2012 Bruce W. Calnek Applied Poultry Research Achievement Award, presented by the American Association of Avian Pathologists in recognition of outstanding research contributions resulting in a measurable and practical impact on the control of important poultry diseases.

Robert Gilbert, Unidel Professor Emeritus of Mathematical Sciences, was awarded an honorary doctorate from Tbilisi State University’s I. Vekua Institute of Applied Mathematics. Also this year, in celebration of his 80th birthday, the journals *Complex Variables and Elliptic Equations* and *Mathematical Methods in the Applied Sciences* dedicated issues to his legacy and career.

Robert Opila, professor of materials science and engineering with joint appointments in chemistry and biochemistry and in electrical and computer engineering, has been awarded a 2012-13 Fulbright Scholarship to teach and conduct research at Bilkent University in Ankara, Turkey, where he will develop and teach an original course in solid state materials and renewable energy.

Maria Aristigueta, professor and director of the School of Public Policy and Administration, was named a Fulbright Specialist for the University of Salerno in Italy, where she spent part of fall semester teaching graduate coursework in organizational behavior and performance management and conducting comparative research.

Michael J. Axe, M.D., clinical professor of physical therapy, received the 2012 Robert E. Leach “Mr. Sports Medicine Award” from the American Orthopaedic Society for Sports Medicine in recognition of his significant contributions to the field.

Pam Cook, associate dean of engineering and professor of mathematical sciences, has been named the 2012 University Change Agent by the Women in Engineering ProActive Network for her efforts to improve the representation of women in science, technology, engineering and mathematics fields.

Donald L. Sparks, S. Hallock du Pont Chair in Soil and Environmental Chemistry and director of the Delaware Environmental Institute, was one of six scientists this year elected honorary members of the International Union of Soil Sciences, the highest honor awarded by the professional society, representing 50,000 scientists.

John Courtright, professor of communication, has been named editor of *Human Communication Research*, a journal of the International Communication Association, where he is planning to add such innovations as video introductions by authors of articles appearing in the journal’s online edition.

Wilfred Chen, Gore Professor of Chemical Engineering, received the 2012 Biotechnology Progress Award for Excellence in Biological Engineering Publication from the American Institute of Chemical Engineers, in recognition of his outstanding contributions to literature. ■



Face to Face

by Ann Manser, AS73

Long before babies can talk — even before they can sit up on their own — they are mentally forming categories for objects and animals in a way that, for example, sets apart squares from triangles and cats from dogs, psychologists say.

Now, research conducted by Paul Quinn, professor of psychology at UD, and others indicates that babies as young as 3 months are also classifying faces by race and gender, showing a visual preference for the category they see most often in their daily lives, and that by 9 months they have difficulty recognizing the faces of people from less-familiar races.

“At 3 months of age, the Caucasian infants we studied showed a looking-time preference for Caucasian faces, and when we collaborated with researchers in China, we found the same preference among Asian infants for Asian faces,” Quinn says, adding that most infants are exposed predominantly to members of one racial group, generally their own.

“Also at 3 months, infants had the ability to tell apart different faces within their own race as well as within other racial groups, but by 9 months, they had lost that ability for races other than their own. It seems that, as time goes on during the infancy period, and we experience some categories more frequently than others, we begin to process those categories differentially.”

For more than a decade, Quinn has investigated how infants process social-category information from faces. He collaborates with researchers in Canada, Europe and China through a National Institutes of Health grant that supported the work for an initial five-year period and then was renewed for an additional five years in 2010-11 for \$1.84 million.

Last summer, he was an invited keynote speaker at a conference hosted by North Dakota State University’s Center for Visual and Cognitive Neuroscience, where he discussed his research on the development of facial recognition.

Working with babies presents a fundamental challenge to researchers, Quinn says: “We can’t talk to these infants, of course, so we measure their ‘looking time’ — how long they spend looking at different images we show them.” As objects become more familiar, the baby spends less time looking at them, he says, and when an unfamiliar image appears, looking time increases.

“From this type of research, we believe that infants can look at images of cats and dogs and separate them out into two categories, even when they’re shown images of specific cats or dogs they haven’t seen before,” he says. “That process may provide the initial starting point on the pathway to adult concept formation, where information and memories are stored in our minds in categories, like folders in a file cabinet.”

From observing babies looking at pictures of cats and dogs, Quinn began wondering if infants also grouped human faces according to their characteristics. He and others found that babies had a preference for female faces, and they later discovered that the preference only applied to infants who had female caregivers and spent most of their time with women. When they studied babies with male caregivers, they found the preference reversed.

“So we realized that it’s a familiarity issue, not an inherent preference for females,” Quinn says. “Then, we started wondering about race.”

The researchers in various parts of the world showed babies faces representing four ethnic categories — African, Asian, Caucasian and South Asian — and found the change that seemed to occur between the ages of 3 and 9 months. With the younger infants better at recognizing faces from all races, not just their own, than the older ones were, Quinn and his colleagues decided to explore whether that development could be changed.



PHOTOS BY KATHY F. ATKINSON

Parents were given picture books showing faces of other races and were asked to read them regularly to their babies starting at age 6 months. After being shown a number of Asian faces in a book, for example, Caucasian 9-month-olds again became able to tell different Asian faces apart, just as they had been able to do when they were younger, Quinn says. Another version of the study showed 8-month-old Caucasian babies daily videos featuring Asian faces, and again, he says, “After two to three weeks of training, we were able to reverse the way their perception [otherwise] narrowed.”

Further investigation may answer the question of whether training effects are permanent or how long they last. Other issues are expected to arise as well.

“One interesting question is what the relationship might be between this early categorizing of faces and the stereotyping and prejudice that can exist in children as young as 4 years of age,” Quinn says. ■



Mckenna LaRue, age 5 months, sits on her mother’s lap to view images in Paul Quinn’s lab. Above, undergraduate research assistants (from left) Elise Coopersmith, Anna Grant, Paige Valeski and Dayna D’Amico help Quinn and research associate Laurie Yarzab work with Mckenna and her parents, Cristin HS06, and Brian LaRue, HS02.



Ads often misstep

Your best chance to see a female athlete endorsing a product this year is long gone. The televised commercial breaks during the London Olympic Games may have been littered with female swimmers, runners and gymnasts, but don't expect to see them much again until the next Olympics.

American companies rarely employ female athletes as spokespeople and when they do, according to two UD professors, they most often do it poorly.

An article in the *Journal of Brand Strategy* by John Antil and Matthew Robinson suggests advertisers' tactics are creating a cycle of failure for female athlete endorsers. Antil and Robinson, both faculty members in the Alfred Lerner College of Business and Economics, co-authored the article with Rick Burton, who is David B. Falk Professor of Sport Management at Syracuse University.

Sex appeal backfires

"The way female athletes are being used as endorsers negatively impacts their effectiveness and reduces wider opportunities for other female athletes," Antil says.

He points to advertisers' focus on youth and sex appeal, rather than other defining characteristics, including athletic ability. The researchers

conducted nine focus groups on the topic, asking participants to react to ads and discuss their perceptions. Ads that focused on athletes' attractiveness often elicited negative responses from female participants.

For example, the 2009 "Got Milk?" ad featuring swimmer Dara Torres in a skimpy bathing suit did not impress the focus groups.

"Respondents suggested this was a poor image for an outstanding athlete who achieved so much while raising a family," the authors say in the article. "Featuring Dara Torres as a middle-aged single mother, able to balance family with work commitments, might be more effective than highlighting her physical attractiveness at age 40."

Research shows that women now determine or influence 85 percent of all brand purchases. Likability and similarity play key roles in the effectiveness of a celebrity endorsement, but marketers seem to be ignoring both when it comes to female athletes, the researchers say.

They found when the endorser was much younger than the targeted consumer, the large difference in age made it difficult for female consumers to relate to the athlete. Consequently, the credibility of the young endorser and the product promoted suffered.

When sex appeal was highlighted, consumers responded negatively,

especially when comparing themselves to the spokesperson. The study's authors say highlighting the similarities between the endorser and the targeted consumer could be a more effective strategy.

The 'Who are you?' factor

Since the introduction of Title IX, the number of female athletes has skyrocketed, with women's participation in high school sports increasing 904 percent. This year, for the first time, the number of women competing on the American Olympic team surpassed the number of men, and pre-Olympics publicity focused heavily on female athletes.

Yet, the study's authors wrote that in developing a list of well-known female athletes, "The selection of female athletes to include was far more difficult to generate than anticipated."

Familiarity, along with likability and similarity, is a hallmark of an effective spokesperson, Antil says, adding that this lack of familiarity hinders female athletes' work in the advertising world. And, though the odds may be against it, the researchers say that a woman athlete showing performance, personality and an interesting personal profile could become a new endorsement powerhouse. ■

—Andrea Boyle Tippet, AS02

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Scientists look outside the box at crocs

Genetically speaking, when it comes to crocodiles, alligators, birds—and even dinosaurs—everything may be relative.

UD scientist Carl Schmidt is working to identify genes in crocodiles, alligators and the gharial, a type of crocodylian native to the Indian subcontinent. He is searching for links among the creatures that could give clues as to how they evolved over the years in relation to one another.

His effort is part of a National Science Foundation-funded project being conducted by a team of researchers assembled by David Ray, an evolutionary biologist at Mississippi State University.

Schmidt, a professor of animal and food sciences in the College of Agriculture and Natural Resources, explains that his role in the study is to receive DNA sequences from researchers who collect samples from the three species.

Instead of trekking through the wetlands tracking down reptiles, Schmidt is conducting all of his research on dry land in the safe confines of the college's Charles C. Allen Laboratory, with much of the DNA sequencing being done at UD's Delaware Biotechnology Institute. "They don't let me chase the crocodiles," he jokes.

Along with Colin Kern, a doctoral engineering student at UD, Schmidt receives the DNA sequences and then uses different informatics approaches to identify the genes.

By identifying those genes that are commonly found in the DNA of the three creatures, Schmidt says, the researchers are able to predict where the genomic changes may have taken place.

This is particularly important when it comes to the gharial, which is an endangered species whose total worldwide population numbers in the hundreds.

"One of the things that I think is still a little unclear is the relationship of the gharials to the other crocodylians," Schmidt says. "So one of the things we're trying to tease out is the actual relationship between the gharials and the crocodiles."

Because the gharial is so scarce, researchers have been able to collect only blood samples from the creature. In the case of the other two species, scientists have a variety of tissue samples, which allows for a broader array of DNA to be studied.

Despite the lack of gharial tissue samples, the researchers are still confident that they will be able to discover the genomic changes, which in turn could lead to better conservation efforts to help the species avoid extinction.

Birds of a feather

Schmidt's work will eventually dovetail with a study being headed by Erich Jarvis, associate professor of neurobiology at Duke University Medical Center, and Mississippi State's Ray that focuses on the genetic evolution of the closest living relative of the crocodylian family—birds.

"It goes back to evolution in terms of crocodiles appearing to be the closest existing relatives of the birds," Schmidt says, adding that birds are basically "modern dinosaurs."

Schmidt says he is interested to see which genes are shared between birds and crocodiles and which are unique to each creature, such as feathers for the birds, and he is hoping the researchers will be able to tie the results from the two studies together.

"A lot of it relates to how evolution has affected these two different lines of animals that share a fairly recent common ancestor," he says. "One of the things that I'm curious to find out is what the genome of that common ancestor looked like." ■

—Adam Thomas



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Nancy's Journey
Nancy Fleming had planned to run the New York City Marathon in honor of her 50th birthday, but her doctor told her to find a different way to celebrate because she had clogged arteries. So, Fleming consulted a cosmetic surgeon. It's not what you think. > [More](#)



Chew This Over
Do you ever wonder how cities get those "fattest" rankings? The Delaware Coalition for Healthy Eating and Active Living has been working to ensure The First State stays low on those lists. Has its work paid off? > [More](#)



Running Deep
There are 24 different running events in May in Delaware. These events are great for exercise, as well as raising money and awareness for their respective causes. But 5Ks and team walks can offer an even deeper experience. > [More](#)

Health Events

Saturday, May 26
The 4th annual **Kay's Kamp 5K** benefits Delaware's Oncology Camp for Kids. Run or walk for Kay's Kamp and you will help send a child diagnosed with cancer to camp for a week—for free.

Location: St. Andrews School, 350 Naxtonlawn Road, Middletown
Time: 9AM (registration opens at 8)
More Info: 1-888-KEW415 (539-3413)



Saturday, May 26
The 2012 **Run for the Ages 5K Run/Walk** and **Senior Stride** benefits the Wilmington Senior Center and all of its supportive, recreational and educational services and programs.

Location: Wilmington Senior Center, 710 N. Market
Time: 9AM (registration opens at 8)
More Info: 302-479-1111

DELAWARE TODAY'S
Dining Insider
The real dish on local dining and dining.

WRITTEN BY MARK NAIDONE



Cook, No Book

If you'd like to learn how to bake a pumpkin pie in a pumpkin, check Ron Burke and Jesse Howell of SoCal Concrete will show you during a special demonstration at Northeast Seafood Kitchen. You'll also get the recipe for a recipe prepared for the Pigman's first feast. You'll be... > [More](#)

Wine Talk

Which wines go best with your holiday turkey? Find out at Chaddford Winery, where you can sample both food and wine during an extra special event in the exclusive Vintner's House this weekend. It's a rare peek at a classic County property, and a new look at your special dinner. > [More](#)

A Different Feather

If you're looking for a different kind of turkey for this turkey day, check out the new arrival at the... > [More](#)

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She goes by @BlueHenProf

Now trending: Businesses on Twitter

She goes by the handle @BlueHenProf, but online Anuradha Sivaraman mimics the sounds of much smaller birds—tweet, tweet!

An assistant professor of business administration, Sivaraman requires students in her marketing classes to follow her on Twitter. There she posts news, marketing tidbits and information about the job market, social media and technology. Many of her 140-character nuggets bear hashtags marking them for her specific classes.

And her tweeting is getting results. *Social Media Marketing* magazine has named her to its list of top marketing professors on Twitter two years in a row.

When not teaching, Sivaraman advises small and medium-sized businesses on how to best utilize the social medium. Here, she shares some tips and insights for business owners navigating the Twittersphere.



PHOTOS BY KATHY F. ATKINSON

Find out why you want it

Investigate your objectives. What are you trying to achieve? Are you trying to find out what people are saying about your business? Are you trying to support your customers? Are you trying to mine for prospects? Clearly define your goals.

Track your metrics

People think their Twitter popularity is determined by how many people follow them, but it's more than that. It's how many people retweet what you're tweeting. It's important that you share valid information that is new to your followers.

Analyze your metrics

Do you have the right kind of followers? If not, figure out how to attract the right kind. For instance, a branding consulting business should follow companies that need branding as well as competitor branding companies. You have to seek them out. According to the etiquette on Twitter, if you follow someone in your line of business, that person will follow you back.

Quantify your savings

Take customer service as an example. If addressing customer concerns via Twitter is reducing the number of calls to your customer service center, then you know Twitter is helping. Dell Computers and Southwest Airlines do this and are seeing results. Track, analyze and then repeat your action only if it is worthwhile.

Use it for customer feedback

Starbucks uses Twitter for customer feedback. Company researchers follow mentions of the Starbucks name and hashtags, collecting what customers are saying about the products and stores. We call these reports quick and dirty opinion polls.

Remember one caveat

This is only your online population. There are many Starbucks customers who drink the coffee but don't go online, and even among the online population, not everyone is on Twitter. It's only a small chunk of your customer base. Understand the kind of population that is giving you feedback and that population's personality.

Take note of the Twitter user's personality

It's young, educated and social-media savvy. Users are the kind of people who are also on Facebook and Pinterest. They want to tell the world what they are doing; they want to hear what the world is doing. I call them news junkies. They want information quickly. They want to be the first to know. People come to them for information. They are likely to be opinion leaders, and opinion leaders are very important for businesses.

Don't view this as a standard advertising medium

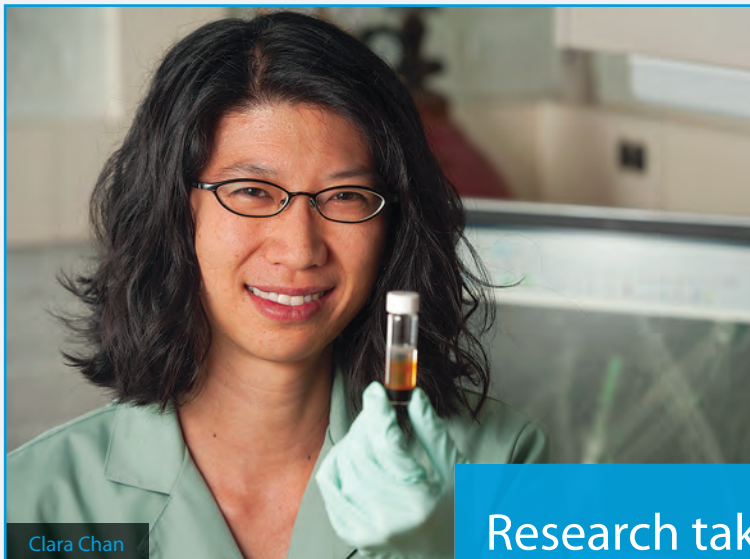
It's a good place to mention sales this week or a special event. It can replace email to do all that if you have enough followers, but it can't replace more traditional forms of advertising yet.

Dig in

Search the word "hashtag" along with keywords of topics that interest you. The relevant hashtags will pop up; search those hashtags within Twitter. Also search the names of people you know or admire within Twitter. Follow them. Then follow some of their followers, and a chain reaction will begin.

Editor's note: You can connect with UD on Twitter, too. For all the news and stories from campus and its faculty and students, follow @UDAlumni and @UDelaware or search #UDel and #BlueHens.





Clara Chan



Christopher Schuetz



Salil Lachke



Joel Rosenthal

Research takes on challenges of health, environment, national security

Four assistant professors who recently earned highly competitive national awards are seeking ways to cure blindness and methods for converting renewable energy into liquid fuel. They're investigating metal-eating bacteria that produce rust in our groundwater and developing electronic devices to protect our troops.

Clara Chan, Department of Geological Sciences, received a Faculty Early Career Development award, the National Science Foundation's most prestigious honor "in support of junior faculty who exemplify the role of teacher-scholars."

Christopher Schuetz, a research assistant professor in the Department of Electrical and Computer Engineering, received a Young Investigator Award from the Air Force Office of Scientific Research.

Salil Lachke, Department of Biological Sciences, is the first UD professor to be named a Pew Scholar in the Biomedical Sciences by the Pew Charitable Trusts.

Joel Rosenthal, Department of Chemistry and Biochemistry, was recognized by the DuPont Young Professor program, which supports promising emerging talents in the field of chemistry.

PHOTOS TOP ROW BY EVAN KRAPE, BOTTOM ROW BY AMBRE ALEXANDER

Clara Chan

Patches of orange slime with an oily sheen are not uncommon sights along stream banks, often mistaken for pollution or decomposing leaves. In fact, the substance is made by metal-eating bacteria that create oxidized iron, or rust, naturally in the environment.

At UD, geomicrobiologist Chan studies the role of these rust-producing bacteria in water flowing both above and below ground. “Microbial iron cycling is important to understanding the chemistry of our waters,” she says.

Certain bacteria get their energy by consuming iron, leaving behind iron oxide minerals as a waste product. In some settings, microscopic strands of the minerals form large orange mats resembling pumpkin pulp.

The bacteria tend to grow where iron from the soil has seeped into water, leading Chan to examine them in diverse environments. At a flooded mine in Wisconsin, she found that the bacteria were helping remove heavy metals from groundwater. She also is researching how they clog wells in a contaminated Colorado aquifer and is investigating the bacteria forming huge mats on the deep ocean floor where hydrothermal vents spew iron into the Pacific.

Chan will use her NSF award to study iron-oxidizing microbes that live in groundwater-soaked soil at two Delaware locations—a stream bank in White Clay Creek and the Indian River Inlet north of Bethany Beach.

Christopher Schuetz

The modern electronic battlefield is getting crowded, according to Schuetz, who earned master’s and doctoral degrees in electrical and computer engineering from UD in 2005 and 2007.

The crowding, he says, is the result of an increasingly diverse set of threats over an expanding range of frequencies. This expansion has placed additional demands on modern electronic warfare receivers and sensors used to identify and classify the threats.

As missions become more challenging, the military must keep pace with systems that can perform tasks efficiently and with less size, weight and power. That’s where Schuetz comes in.

“The military’s next generation of aircraft are migrating to small, unmanned vehicles that cannot accommodate the same weights and payloads they have in the past,” he says. “This is necessitating integrated systems that are increasingly capable of performing multiple functions within the same platform.”

Schuetz’s Air Force Young Investigator grant supports his work to develop advanced optical techniques that will enable next-generation electronic warfare devices for military applications. He proposes a new approach that collects radio-frequency radiation signals and converts them into optical signals, which use light to transmit information. The benefit, he says, is the ability to process and route signals using lightweight fiber optics and optical lenses.

Salil Lachke

Lachke is a biologist whose research is yielding new discoveries about the world’s leading causes of blindness as he explores the molecular defects that cause eye disorders such as cataracts and glaucoma.

Normal vision depends on the development of elongated fiber cells in the eye that form the bulk of the lens. If these cells do not form correctly, the lens will turn opaque, forming a cataract that could cause blindness.

Lachke has identified a gene that, when mutated, can lead to cataracts and glaucoma in mice and in humans. The gene encodes a protein that binds to ribonucleic (RNA) messages—in particular, it recognizes RNA messages that encode proteins that are essential to create a transparent lens.

Lachke will use microscopy and molecular biology to detect the partners that interact with the gene and will determine whether the protein’s ability to move these RNAs to specific regions is key to its role in lens development. He will also assess whether this system operates in the retina as well as the lens and whether its malfunction is responsible for retinal disease.

“Identifying new genes associated with eye diseases will help us understand how the eye develops and functions, in turn providing critical insights for regenerative therapies and targets,” Lachke says.

Joel Rosenthal

The chemical giant DuPont selected Rosenthal for a Young Professor Award based on his research that involves transforming carbon dioxide into liquid fuel, which is an “area of interest” for the company.

“Getting the award means the chemists and engineers [at DuPont] find the work we are doing interesting and think it could be applicable to solve real-world problems and actually make an impact in industry,” Rosenthal says.

He has already met with some DuPont chemists to discuss ways they can collaborate, including incorporating his catalysts into high-pressure reactors the company is designing.

A major thrust of Rosenthal’s research group is designing catalysts that can capture carbon dioxide from the air and using renewable energy to convert it into a liquid fuel. This potentially helps solve a storage conundrum within the renewable energy sector.

While solar and wind energy can create large amounts of power, they do not provide a steady flow around the clock, the way coal-powered plants can. Storing the power that renewables generate could alleviate those worries. Rosenthal believes carbon dioxide-based liquid fuel could be the solution because liquid fuels have very high volumetric energy densities, far higher than batteries.

“It’s a very, very attractive way to be able to store massive amounts of solar energy in a small space,” he says. ■

RESEARCH

Study to keep roads, railways up to speed

AS THE nation's roads and other infrastructure age, UD civil engineer Sue McNeil is leading efforts with Rutgers University to improve transportation systems in terms of maintenance, upgrading and design.



"Transportation infrastructure is critical to a healthy economy, whether you are looking at the local, state or national level," McNeil says, adding that the obvious example is the use of roadways and rail lines to move raw materials and products. But infrastructure also enables people to get back and forth to work, communicate, have packages delivered and take part in many other activities that fuel a strong economy, she says.

Rutgers' Center for Advanced Infrastructure and Transportation has received a federal grant to improve America's crumbling infrastructure. The Rutgers consortium, which includes UD, is focused on a "State of Good Repair" project with interest in safety and economic competitiveness.

Engineers at UD will conduct research on pavements, asphalt and bridges, but it's not just the materials and processes that are of concern, McNeil says; it's also larger issues such as how to incorporate catastrophic or disaster response into good repair planning.

"You can't just collect the data," she says. "It must be turned into information that can support decision models." ■

Treating back pain focuses on older adults

ALL low back pain is not created equal, and Gregory Hicks would like to find a way to better individualize care and improve clinical outcomes for older adults suffering from this debilitating condition.

Hicks, associate professor of physical therapy, has been awarded a five-year, \$2.35 million grant from the National Institutes of Health to develop a comprehensive, standardized rehabilitation approach that is specifically designed to reduce pain and

optimize function. Low back pain is the most frequently reported musculoskeletal problem among older adults.

"In this age group, from 60 to 85 years, low back pain has been associated with a host of negative consequences, including increases in mobility limitations, disability and the use of healthcare resources," says Hicks, who hopes his research will lay the groundwork for better evaluation and treatment.

"Although it's a risk factor for functional decline in the elderly, the majority of research studies addressing this condition exclude people over the age of 60, so clinicians have minimal evidence upon which to base their treatment decisions," he says. ■

Star search: Hubble assists UD astronomer

NASA has awarded Judi Provençal research time on the Hubble Space Telescope, and as you might imagine, the astronomer is over the moon about it.

"The telescope is so oversubscribed it is an honor to be awarded time to use it," says Provençal, assistant professor of physics and astronomy and director of the Delaware Asteroseismic Research Center. Her research focuses on dying stars called white dwarfs.



KEVIN QUINN/AN

Judi Provençal

Since its launch in 1990, the Hubble Space Telescope has been floating above Earth at an altitude of about 353 miles. Research time is granted in "orbits," with the telescope orbiting Earth every 97 minutes.

Provençal will have 16 orbits on the Hubble and six stars to observe. Her first observations were scheduled to take place during the fall, with the full set taking about a year to complete. She's trying to determine the temperatures of the white dwarfs, which cannot be done accurately from the ground.

"The sun will become a white dwarf in a few billion years," Provençal says. "These dying stars tell us about previous generations of stars and so give us the history of the Milky Way Galaxy." ■



Gregory Hicks uses a rehabilitative ultrasound device, assisted by Christopher Schmoyer and Megan Siars.

KATHY F. ATKINSON



Currents carry crustaceans to colder quarters

WITH sea ice in the Arctic melting to record lows in summer months, marine animals living there face dramatic changes to their environment. Yet some crustaceans, previously thought to spend their entire lives on the underside of sea ice, were recently discovered to migrate deep underwater and follow ocean currents back to colder areas when ice disappears.

“Our findings provide a basic new understanding of the adaptations and biology of the ice-associated organisms within the Arctic Ocean,” says Mark Moline, director of the University’s School of Marine Science and Policy. “They also may ultimately change the perception of ice fauna as imminently threatened by the predicted disappearance of perennial sea ice.”

Moline and Norwegian colleagues found the crustaceans well below sea ice during a rare winter, nighttime research expedition to the Fram Strait and Eurasian section of the Arctic Ocean. They determined that the crustaceans migrate downward as part of their life cycles and ride deep-ocean currents toward the North Pole.

Their travels appear to be an adaptive trait that both increases survival during ice-free periods and enables them to be retained in the Arctic Ocean. ■

Artificial glands may ease cancer side effects

XINQIAO Jia, associate professor of materials science and engineering and biomedical engineering, is part of a research team breaking new ground in the creation of artificial salivary glands.

Funded through a \$2.5 million grant from the National Institutes of Health, the researchers hope their work will lead to new solutions for xerostomia, or dry mouth, a

side effect of radiation treatment for head and neck cancers. When such cancer patients undergo radiation, the treatment often destroys the saliva-producing cells. The resulting dry mouth can lead to severe dental issues, as well as difficulty swallowing, speaking and eating, and overall discomfort.

The four-year project is a collaborative effort with researchers at UD, Rice University and Christiana Care Health System.

In previous work, the research team developed methods for isolating and growing salivary cells in the lab prior to radiation treatments. “The goal is to help cancer survivors overcome dry mouth problems and improve their quality of life,” Jia says. ■

Shipwreck found, identified off Delaware coast

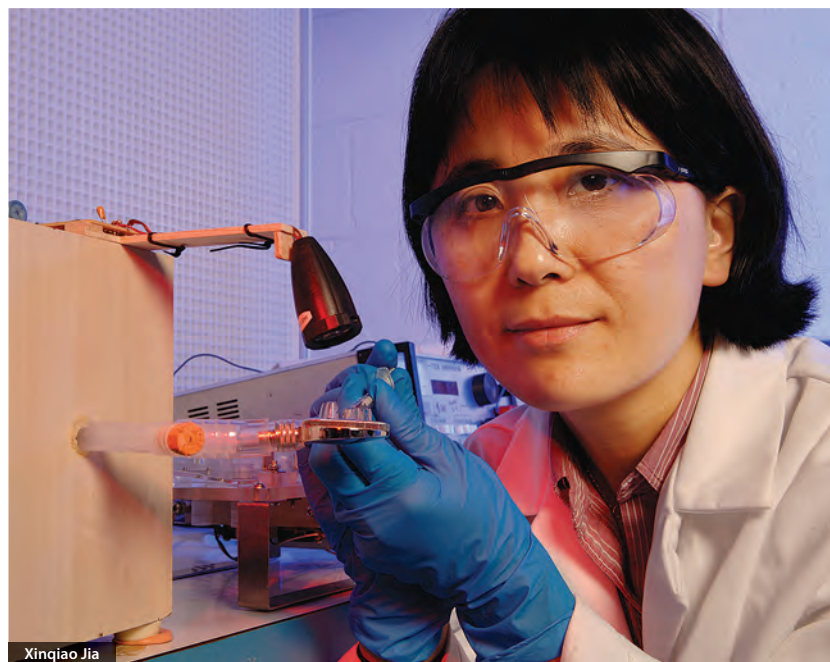
UNIVERSITY researchers have discovered that a shipwreck near the coast of Cape Henlopen, Del., is a 215-foot-long sailing vessel destroyed by a hurricane more than a century ago.

Scientific surveys and historical records indicate that the wreck is the *W.R. Grace*, a three-masted ship that ran aground during a storm on Sept. 12, 1889, and was emptied of its contents before it was submerged.

Arthur Trembanis, associate professor of oceanography and geological sciences, and his research group came upon the shipwreck two years ago while training undergraduates to use remotely operated vehicles (ROVs) and other ocean surveying equipment. They were surprised to find that it was not included in a federal database of known shipwrecks.

The ship sits about seven meters below the surface and is covered in dense clusters of blue mussels and frilled anemones, forming an artificial reef similar to others built around Delaware Bay. With scuba diving treacherous because of currents in the area, ROV and sonar findings are being used to better understand the ocean dynamics that impact wrecks, compare the site to other reefs and study how the ocean floor changes over time.

“We’re in an exciting time for this kind of exploration,” Trembanis says. “In our own backyard are some exciting new discoveries.” ■



KATHY F. ATKINSON

Balancing SUCCESS



When the NCAA named Elena Delle Donne its Academic All-American of the Year in Division I women's basketball, it may have momentarily surprised the UD fans who know her only as one of the nation's top players, but it couldn't have surprised her classmates and professors.

A human services major, with a concentration in administration and family policy, Delle Donne is a Dean's List student who had a 3.60 grade point average when awarded the academic honor last February. One of 15 NCAA Division I women's players recognized on the Academic All-American team, she was then selected as the top student-athlete from among that prestigious group.

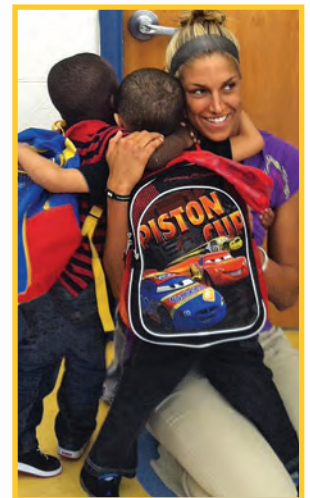
Delle Donne, a Delaware high school National Player of the Year who played volleyball during her freshman year at UD in 2008, returned to the basketball court the following year and went on to lead the Blue Hens to their best season in school history last year. This season, which tipped off (see page 36) Nov. 9, marks her final year in a Delaware uniform.

The season began with disappointment as Delle Donne had a recurrence of Lyme disease symptoms that kept her off the court for the first three games, although she returned to play Nov. 20.

"Everyone knows the kind of outstanding player Elena is by watching her on the court night in and night out," Blue Hen head coach Tina Martin said when Delle Donne won the NCAA academic award. "But what makes winning an award like this so special is that it shows the kind of person and student she is off the court as well."

"Her commitment and work ethic to the game of basketball is exceptional, but she works every bit as hard on the academic side."

Delle Donne was just the second UD women's basketball player to earn a spot on the Academic All-American team, an award that is decided by the College Sports Information Directors of America, and is the first UD student-athlete in any





sport to be named the Academic All-American of the Year.

As the team was preparing for the 2012-13 season last fall, Delle Donne described her undergraduate years as a balancing act in which class work, athletic competition and hands-on work in her field of study—in particular, with young children—all played key roles.

“I have been blessed with the opportunity to receive an unparalleled education at UD,” she said. “Throughout my education I was not

only privileged to have intelligent, experienced and passionate teachers, but I was also provided with several opportunities to apply what I have learned.”

Delle Donne, who expects to play for the WNBA after graduation, hopes eventually to establish a foundation and to use athletics to help children, particularly those with disabilities or who are at risk. In her own family, she is especially close to her sister, who has severe disabilities. Delle Donne said she views the combination of experiences she’s had as a student-athlete as ideal preparation for the future.

“My years at the University have allowed me to spend time discovering how I can combine the things that I am most passionate about to benefit others,” she said. “In addition to a professional basketball career, I also plan to utilize my basketball talent, combined with my human services degree, to improve the lives of children.”

Basketball achievements

Delle Donne’s national recognition as an Academic All-American is one of an extensive list of honors and accomplishments she’s received during her Blue Hen career so far, beginning with her selection as the 2010 Colonial Athletic Association Player and Rookie of the Year. In October, she was a unanimous choice on the Associated Press preseason All-America team, receiving all 40 votes from a national media panel.

The 6-foot-5 forward led the nation in scoring last season by averaging 28.1 points per game and was a consensus first team All-American by the Associated Press, WBCA, USWBA, Naismith Award and John Wooden Award. She earned CAA Player of the Year honors for the second time in three seasons during the 2011-12 campaign.

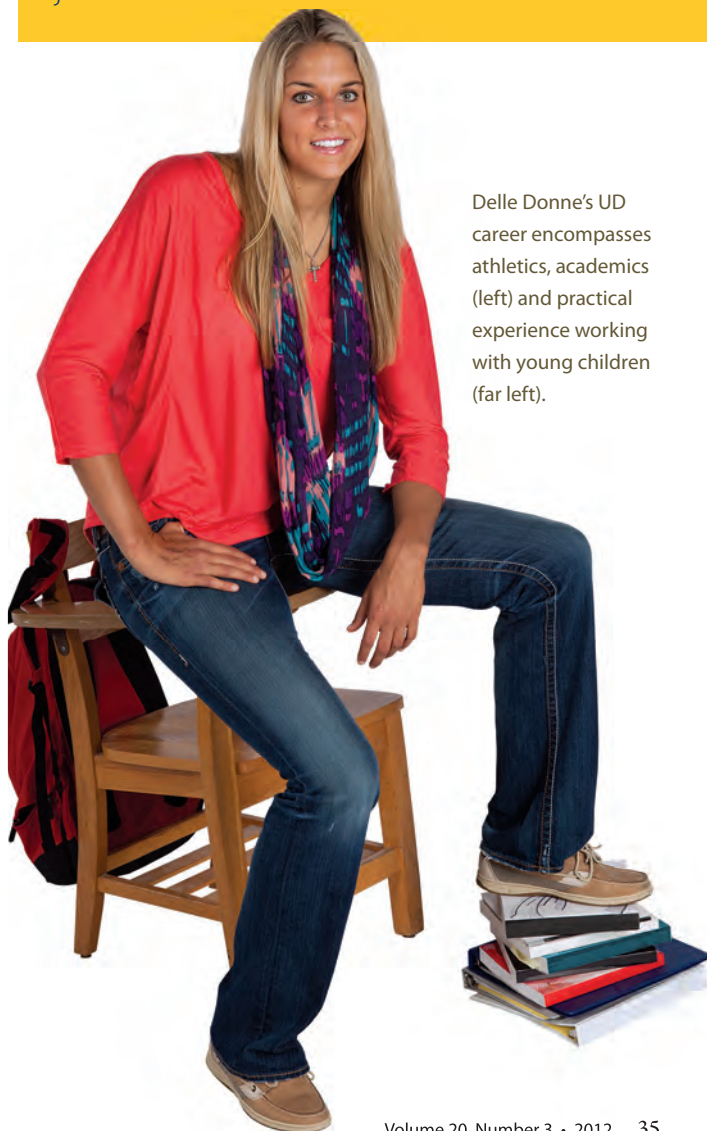
Delle Donne is only the 15th player in Division I women’s basketball history to eclipse the 900-point mark for a season. Already the Delaware career scoring leader, she entered her senior season ranked third in CAA history with 2,258 career points.

Delle Donne summarizes her playing time at UD as “a well-rounded, once-in-a-lifetime experience.” ■



KATHY F. ATKINSON

“I was presented with incredible opportunities to work with an unbelievably passionate and dedicated coaching staff, hardworking support personnel and teammates who are no longer just teammates but have become like sisters.”



Delle Donne’s UD career encompasses athletics, academics (left) and practical experience working with young children (far left).

HIGH HOPES for HOOPS

Delaware's varsity basketball teams entered the current season with big expectations for success, as the Colonial Athletic Association preseason poll picked the men's team to finish second in the conference and the women's team to finish first.

Both teams opened play in early November and will begin their conference games in January, when the men take on Old Dominion in an away game Jan. 5 and the women play George Mason at home Jan. 10. The CAA tournaments begin March 9 in Richmond for the men and March 14 in Upper Marlboro, Md., for the women.

After a record-setting season in which the Blue Hen women went undefeated in league play and claimed the conference tournament title, it was no surprise that the team was selected in the preseason poll to reclaim its crown. Additionally, senior All-American Elena Delle Donne was named the CAA Preseason Player of the Year after earning league Player of the Year honors last spring, while fellow senior Lauren Carra was selected to the CAA Preseason Second Team.

Delaware—which finished last season with a 31-2 record, climbed as high as seventh in the national rankings and advanced to the NCAA Tournament second round following its first postseason win in school history—returns all five starters this year.

The men's preseason second-place selection, behind league favorite Drexel, is the highest Delaware has ever placed in the preseason poll. Jamelle Hagins and Devon Saddler were

selected to the Preseason All-Conference first team.

Last year, the Blue Hen men had an 18-14 season in which Delaware posted its highest win total since 2000-01 and finished fifth in the CAA with a 12-6 mark, the most wins since UD joined the conference. Delaware won nine consecutive games from February through early March 2012, advanced to the CAA Tournament quarterfinals and earned a bid to the College Basketball Invitational. ■

New leadership for athletics, recreation services

Eric Ziady, who spent the last 23 years working in the highest levels of collegiate athletics administration in the Boston area, has joined UD as director of athletics and recreation services.

The Massachusetts native, whose appointment was announced in October, is just the fifth director of athletics at Delaware since 1940. He replaces Bernard Muir, who left UD last summer after three years at the helm to become director of athletics at Stanford University.

Ziady began work at UD in early November.

University President Patrick Harker says Ziady is focused on student success in both academics and athletics.

"He's an incredibly strong financial administrator and a proven revenue-generator," Harker says. "He understands the conference landscape and can help us navigate through the issues of conference alignment. And he absolutely shares our most fundamental goal: to educate student-athletes who will lead in competition, in the classroom and in the community."

Ziady arrives at UD after spending the previous 14 years at Boston College—most recently as senior associate athletics director for business operations—and nine years before that at Northeastern University.



He now heads a UD athletics and recreation services department that sponsors 21 intercollegiate sports, including 13 women's sports. Delaware captured three CAA team titles a year ago, had three teams post first-round wins in NCAA tournaments and finished second among CAA schools in the NCAA Division I National Association of Collegiate Directors of Athletics Directors' Cup standings. A vibrant recreation services department sponsors more than 30 club sports and 30-plus intramural programs.

"I understand the rich history and tradition of Delaware athletics, and I can't wait to work with this fine group of coaches, administrators and staff as we go forward in the years ahead and build upon that great legacy," Ziady said as his appointment was announced. "We are excited to settle our family in the Newark community and build the next chapter of our lives as part of the Delaware family."

He and his wife, Lauren, have three children, Matthew, Lindsey and Courtney.

At Boston College, an Atlantic Coast Conference member, Ziady was responsible for handling both the long-range fiscal and strategic planning for the department as well as the day-to-day administration of all business and financial operations. In addition, he handled football game scheduling and contract administration, as well as overseeing five of the men's and women's athletic programs—football, men's and women's golf and men's and women's sailing.

A 1988 Providence College graduate, Ziady earned a master's degree in sports management and a master of business administration degree from Northeastern. ■

Football season begins with end of longtime rivalry

The Blue Hens opened their football season at home Aug. 30, defeating West Chester 41-21 in the final game of a longtime rivalry.

UD put up 487 total yards on offense and took advantage of four turnovers to down West Chester for the 19th straight time. The rivalry, which began in 1941 for these two schools just 25 miles apart, left Delaware with a 47-6-1 advantage in the series. It ended as both teams look to face opponents from their own divisions to help their post-season playoff chances in the future.

The Aug. 30 game also marked a coaching contest between two former Blue Hen players. Delaware is coached by former UD linebacker

K.C. Keeler, HS81, and the Rams by former Delaware quarterback Bill Zwaan, BE79. Zwaan left his position as football coach at Widener in 2003 to join West Chester.

Delaware's season continued with a 38-14 win over Delaware State University at home on Sept. 8, in a Route One Rivalry game that included a one-hour weather delay as thunderstorms moved in and forced the evacuation of Delaware Stadium. UD won again at home Sept. 15, in a 19-3 victory over Bucknell.

The Hens' Colonial Athletic Association season opener at William & Mary ended with another win. After a wild evening at Zable Stadium that included a

nearly 90-minute weather delay, an NCAA record 90-yard touchdown off a blocked kick and the first touchdown by a Blue Hen defensive lineman in more than 25 years, Delaware posted a 51-21 victory.

But the Hens went on to lose 14-34 at New Hampshire on Sept. 29 and 3-26 to Maine at home Oct. 6. With the next week off, the team headed for Homecoming ranked No. 25 and proceeded to turn things around. A solid offensive performance treated the Homecoming crowd to a 47-24 conference victory over Rhode Island.

For complete details of the 2012 football season, and other varsity athletics news, visit www.bluehens.com. ■

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a TASTE of HISTORY

If you've ever wanted to sample oyster soup the way George Washington enjoyed it, or Thomas Jefferson's sweet potato biscuits, or any of the traditional dishes served at lavish Winterthur dinner parties when the Delaware mansion was still a family home, you might consult Jennifer Lindner McGlinn.

McGlinn, AS01M, is not only a contemporary food writer but also a chef, author and historian who specializes in material culture, particularly as it relates to food. Her current career—combining writing for magazines, authoring or co-authoring books, consulting and occasional catering or cooking demonstrations—reflects her longtime interests and educational background.

Jennifer Lindner McGlinn in front of the Winterthur mansion.



“Everything I do is food-related, some of it historic and some not,” she says. “One way or another, it’s all art, history, food and culture.”

With an undergraduate degree in art history from the University of Pennsylvania, she went on to earn degrees at the Culinary Institute of America and then to work as the editor of a magazine for professional chefs. After a few years, she says, she missed academia and, with her lifelong interest in “stuff” and a fascination with public television’s *Antiques Roadshow*, she moved back to the Delaware area and enrolled in UD’s Winterthur Program in American Material Culture to earn a master’s degree.

But her graduate work there didn’t mean that she forgot her culinary interests and training. She focused her graduate work on the dining and entertaining hosted by Henry Francis du Pont at Winterthur, where he lived until his death in 1969. He was the last private owner of the mansion, which he opened to the public as a museum in 1951.

As McGlenn researched such aspects of material culture as the china and dining room furnishings at Winterthur, she also studied a hand-written book of recipes that had been compiled in the late 1800s by H.F. du Pont’s mother, Pauline. After her death, her son continued to rely on those recipes—gathered from friends and family as well as from the traditional French cooking that was in vogue at the time—as he planned elaborate luncheons and dinner parties at the estate.

In addition to McGlenn’s graduate thesis, Pauline du Pont’s personal recipes also proved useful when Winterthur produced a community cookbook

in 2007. Although most recipes in *A Country Estate Cookbook: Recipes From Winterthur* are modern, each section opens with a contribution from McGlenn, in which she reproduces one of Pauline du Pont’s recipes and also rewrites it in a way that can be used by contemporary cooks.

“Now a fragile mass of faintly lined yellowed pages bound with a red leather spine and marbled covers, Pauline’s recipe book was once a vibrant manuscript—a lively and ever-changing receptacle for innovative and time-honored dishes,” McGlenn wrote in one of the book’s introductions.

The Winterthur cookbook is just one of many on which McGlenn has worked. She has co-authored several chef books, including *The City Tavern Baking & Dessert Cookbook* (with Walter Staib, chef and owner of City Tavern Restaurant in Philadelphia), *Black Forest Cuisine* (with Staib) and *Delilah’s Everyday Soul* (with Delilah

Winder) and is the author of *Gingerbread: Timeless Recipes for Cakes, Cookies, Desserts, Ice Cream, and Candy*, published in 2009.

Her history-focused work has included editing recipes for and contributing to *Dining at Monticello* and *The Mount Vernon Cookbook*. Writing notes that place old recipes in their historical context is one of the most interesting types of food writing she does, McGlenn says.

For example, she says, a writer might contribute an authentic recipe using cherries. McGlenn’s role would be to ask questions to add detail to the recipe notes: Were cherries grown on this particular farm? Does the dish take long to make? How would it have been served? What other foods would have been on the menu with it?

“I learn a lot from that process, and the notes are really fun to write,” she says. “That’s what tells you the whole story.” ■

—Ann Manser, AS73

Corn pudding from Mrs. du Pont

Here is one of Jennifer McGlenn’s contributions to *A Country Estate Cookbook: Recipes From Winterthur*. Published in 2007, the book contains mostly modern recipes, but each section begins with an entry that McGlenn took from Pauline du Pont’s hand-written recipe book from the late 19th century. *A Country Estate Cookbook* is available from the Winterthur Bookstore.

From the cookbook of Pauline Foster du Pont

Corn Pudding (Margaret)

12 large ears of corn or more if small; pepper and salt to taste. ½ cup butter, 1 egg, ½ cup milk, add more if necessary. Bake until brown. It takes usually three quarters of an hour.

For today’s cooks:

4 tablespoons unsalted butter, melted and cooled

1 egg

1¼ cups milk

3½ cups fresh or frozen corn kernels

¼ teaspoon freshly ground black pepper

¾ teaspoon salt

Whisk together butter, egg and milk. Stir in corn, salt and pepper. Pour into a buttered 8- or 9-inch square casserole dish and bake at 350 degrees until golden brown, about 30 minutes. Serve hot or at room temperature.



Starting right foot



Engineering, law, medicine. Those were her choices.

Anyi Lu's mother outlined the three courses of study she was allowed to pursue when she entered the University of Delaware two decades ago. They were the only ones her mother considered as paths to a lucrative career.

"She said, 'I raised you. I don't plan to raise your children too,'" Lu recalls.

Lu was good at math and science and "didn't want to go to school for 15 years," so she made her choice and graduated in 1997 with a degree in chemical engineering.

Today, she owns a women's shoe company whose products sell in Nordstrom, Bloomingdale's and several high-end boutiques. While the connection between fashion design and engineering may not be obvious, Lu says having a mind that processes both is what makes her successful.

After graduation, Lu immediately began working for DuPont as a field engineer in the company's motor oil division, later moving on to a technical marketing position for Chevron Corp.'s lubricant business. While she excelled at the work, Lu says she knew it wasn't her passion, and others, including her then co-worker David Spatz, knew it, too.

"Most people working in that area loved cars and speed and oil," says Spatz, who now is married to Lu. "Anyi loved fashion."



PHOTOS COURTESY OF ANYI LU INTERNATIONAL

And, Lu says of her former colleagues, "They looked at me like I was an alien!"

The "alien" enrolled in some design courses. While shopping one day in 2003, she met shoe designer Taryn Rose by happenstance. Rose took an interest in Lu and offered to look over her portfolio, an item Lu didn't even have yet.

Their subsequent meeting, featuring a quickly cobbled-together portfolio, led to a job in Rose's marketing department. In 2005, Lu started her own company, Anyi Lu International, where she uses her background to design footwear she labels "couture comfort" for working women.

"Working as a female engineer helped me appreciate that there is truly a need for professional women who want to look stylish and be comfortable at the same time," she says.

Lu remembers days spent suffering in heels as she moved between manufacturing plant floors and boardrooms. The professional dress required meant that many comfortable shoes were not an option.

"Shoes are tools for me, something I need to depend on to get me through the day," she says. "We use our heads and want to focus on our thoughts. We don't have time and energy to worry about aching feet."

The engineering side of Lu's mind shines through when she describes one

material used to increase her shoes' comfort level—polyurethane foam developed by NASA and used in the seats of space shuttles. She closely follows technological developments in materials as well as business practices, saying the skills she learned through engineering—reasoning, logic, strategy and attention to detail—continue to guide her daily professional life.

While her work now is far from what her parents envisioned, Lu credits them with setting her on the right path. And, she says, she plans to do the same with her own young daughter. ■

—Andrea Boyle Tippett, AS02

Service activities included New York City Alumni Club volunteers at City Harvest's mobile market and student service projects on campus.



Alumni, students set aside a day to serve

Current and former students joined forces with nonprofits across the country Sept. 22 for the fourth annual UD Day of Service.

The University's mission statement calls for graduates to be "prepared to contribute to a global society that requires leaders with creativity, integrity and a dedication to service." With that dedication to service in mind, the offices of Residence Life and Alumni Relations partnered with regional alumni clubs to bring some 120 alumni and friends together to donate their time and talent in 15 cities. At the same time, more than 200 students volunteered on campus.

Organizations that benefited from the Day of Service included Cradles to Crayons in Boston; the Greater Chicago Food Depository; Delaware Seashore State Park in Dewey Beach, Del.; The Food Bank in Milford, Del.; Habitat for Humanity in Sussex County, Del.; Whatcoat Shelter in Dover, Del.; the Lancaster (Pa.) General Health Blood Drive; Castle Hills Park in New Castle, Del.; Washington Heights Mobile Market in New York City; The Hoboken (N.J.) Shelter; Schuylkill Center for

Environmental Education in Philadelphia; Bon Secours Hospital in Richmond, Va.; and the American Red Cross in Washington, D.C.

Stefanie Spatola, AS06, alumni club coordinator, explains that with more than 157,000 alumni worldwide, the decision to involve this group was a natural one. "We wanted to expand the program to include alumni and the charitable organizations in their respective cities," she says. "It was great to see so many Blue Hens come together to achieve a common goal in the spirit of service."

Lindsey Timberman, BE04, president of the New Castle County Alumni Club, says that spirit of service was apparent at her club's service project at Castle Hills Park. "The number of proud Blue Hen alumni in attendance is always strong," she says. "Seeing this makes me even more honored to be a part of the UD Day of Service."

In addition to the alumni-led service projects around the country, several service "hubs" were set up on campus in Newark, where students and alumni

worked on projects for Emmaus House; Friends of White Clay Creek; Center for Disabilities Studies; Girl Scouts; Cancer Treatment Centers of America; Lori's Hands; Newark Manor Nursing Home; and Nemours/Alfred I. duPont Hospital for Children.


"It's heart-warming to see all the good work that is being done across campus," says sophomore Amanda Mouser.

Gina Donato, associate director of reunions and student programs for the Alumni Relations Office, says that the students on campus were excited to work side by side with alumni to make a difference in their community.

"Delaware is a second home for our students, so they were eager to help out at the service hubs to make a difference for others living here," she says. "It was wonderful for the students to see that when they graduate they will also have opportunities to serve in their communities with fellow classmates from UD."

To view photos from the UD Day of Service, visit www.flickr.com/UDalumni.

—Melissa Cox, AS05



“Giving is about
the feeling you get
when you give.”

Grace and Todd Leong are “Double-Dels” who met at UD in the mid-1980s. They say they owe their family, careers and success to the University of Delaware. That is why they give back.

“For Todd and me, giving is about the feeling you get when you give,” says Grace. “Ask yourself: ‘How does this organization make a difference to my family? Did it enrich my life? What duty do I have to give back?’

“UD is what brought us together. If it weren’t for the school, we would not be a family and have the success we’ve had.”

Todd and Grace are Delaware Diamonds, members of the University’s leadership giving society. “If UD was important in your life, you’ll get a great feeling when you become a Delaware Diamond,” Grace says.

The Delaware Diamonds Society recognizes gifts of \$1,000 more (\$500 for young alumni from the classes of 2003-2012, and \$250 for current undergraduate students) during the previous year, July 1- June 30.

For more information, e-mail Robin Wray at DelawareDiamonds@udel.edu or visit:

www.udel.edu/delawarediamonds



**DELAWARE
DIAMONDS
SOCIETY**

No kidding

Selecting best children's books is serious business

Last year, Brian Fahey, AS89, probably read more children's books than most kids will come across in a lifetime.

Fahey, who teaches reading, social studies and math to fifth-graders at Wilmington Friends School in Delaware, served as a member of the 2011 Newbery Medal committee.

Each year, a 15-member committee chooses the winner of the prestigious medal, honoring the author of the most distinguished contribution to American literature for children by a U.S. publisher during the preceding year.

"I was nominated for appointment by K.T. Horning, a professor at the University of Wisconsin who is the director of the Cooperative Children's Book Center in Madison," says Fahey, who majored in political science and English at UD and now is finishing his thesis for the Master of Arts in Liberal Studies program. He says committee members all receive boxes of the same books but may read them in whatever order they prefer.

"Starting in March, we make anonymous recommendations by submitting a list of titles to the chair of the committee," Fahey says. "Members use the list as a guide, but they also read books not on the list so as not to miss a worthy book and to ensure a wide range of reading."

Following mock discussions in June to get a feeling for committee protocol as prescribed in the committee manual, formal nominations are presented in October, November and December. Books and more books continue to arrive until early December, allowing for the possibility of a last-minute nomination before the committee meets in January, when the list is winnowed down and final voting takes place.

"Everything has to be wrapped up by the final Sunday morning of the January meeting," Fahey says. "On Monday morning we meet early to call the authors, which is really fun. This happens just before the awards are announced publicly."

Having looked at some 350 books, Fahey says he closely read and took extensive notes on about 150. He read each of the final 75 books on the list at least twice, he says, reading some four or five times before making his final decisions.

"My favorite book was *Moon Over Manifest* by Clare Vanderpool (Delacorte Press), which won the Newbery

"My favorite book was *Moon Over Manifest* by Clare Vanderpool (Delacorte Press), which won the Newbery Award."

—Brian Fahey



EVAN KRAPE

Award," Fahey says. "I read it early on in March, and it remained my favorite all the way through."

His other favorites included *Dark Emperor and Other Poems of the Night* by Joyce Sidman (Houghton Mifflin Books for Children) and *Turtle in Paradise* by Jennifer L. Holm (Random House Books for Young Readers), both of which earned Newbery honors.

Fahey says the ultimate critics, including students in his classes at Wilmington Friends, tend to be especially interested in the latest books in a genre.

"They read all the time, and I have a hard time keeping up with them," he says. "The new addition to school life is the e-reader, and lots of kids are using them now."

His personal preferences tend to be books that have an interesting problem to be solved, as well as characters with plenty of heart.

"I like books that challenge the reader," Fahey says. "These are the ones that make readers use their imagination to fill in some of the blanks for themselves." ■

—Jerry Rhodes, AS04

A voice for endangered species and cultures

Deborah Bird Rose, AS73, is a professor in the Centre for Research on Social Inclusion at Macquarie University in Sydney. Her work, which focuses on entwined social and ecological justice, is based on her long-term research with Aboriginal people in Australia.

Rose writes across several disciplines, including anthropology, history, philosophy, cultural studies and religious studies. She is the author of numerous books and essays, and she recently completed the book *Wild Dog Dreaming*, published by the University of Virginia Press. She earned her bachelor's degree in anthropology at UD and master's and doctoral degrees at Bryn Mawr College.

Here, she is interviewed by Diane Kukich, AS73, 84M, for the *Messenger*.

UD students visiting Australia in 2010 view a traditional dance at Krowathunkooloong Keeping Place, a museum dedicated to Aboriginal history, heritage and culture.

Q: Your title, “professor of social inclusion,” is interesting. Is that an evolving discipline being studied at other institutions as well?

Unfortunately, social inclusion is having a checkered career in the academic world. It is subject to shifting politics at the national level as well as in universities. The field arose in response to marginalization and exclusion, and has come to address the quality of social bonds in multicultural societies. The main question would be: How are social relations constituted in societies that include many newcomers whose languages, religions, histories and other matters press for new ways of imagining national identity and solidarity?

In a settler society such as Australia these questions also involve Indigenous people. They were here long before colonization, and they have suffered through a terrible era of genocidal assimilation, so the question is not so much about inclusion but rather about resisting the assimilationist programs of colonization. My work in decolonization is one of the areas of expertise that I bring to the study of social inclusion, but I’m also committed to expanding the very concept of the social to include nonhuman animals and other living beings with whom our human lives are deeply entangled.

Q: You have written several books. Where does *Wild Dog Dreaming* go that your previous books didn’t? Is this a book that the general public could understand and benefit from, or is strictly academic?

Wild Dog Dreaming: Love and Extinction was motivated by my concern about the disastrous mass extinction event now taking place. This is truly a “man-made mass death” being carried out against the nonhuman world. In the face of all this death, I felt compelled to address questions of how to respond, how to bear witness, how to call attention to the magnitude of the suffering and how to bring home the simple message that the Earth is not ours to destroy.



The book drew on my long-term research with Australian Aboriginal people, and my aim was to bring some of my great teachers into the conversation about the future of life on Earth. I wanted them to be participants in the conversation, not objects of analysis. I tried very hard to keep the book from becoming too academic because these are issues that affect everybody.

Q: Can you describe what you mean by the term “double death”?

I developed the term “double death” to address what it is about mass death that makes it different from “normal” processes of death. After all, death is an integral part of life. It isn’t an enemy, and it isn’t morally wrong. But something about mass death is terribly wrong. Double death addresses the amplification of death in which not only individuals but whole groups or species or ways of life are being eradicated. Double death involves the death of future continuities.

It is applicable across many scales, helping us to think, for example, about biodiversity losses that become so great that damaged ecosystems are unable to recuperate their resilience, and about extinctions now happening so rapidly that evolution is unable to keep up. We humans are the drivers of double death; it is also a mirror that reveals the depths of the wounds we are inflicting on life itself.

Q: As an undergrad at UD, did you have any idea of the direction your career would take?

I had a wonderful education in anthropology at the University of Delaware, so I was well-prepared for whatever twists and turns life might offer me. My [graduate] studies at Bryn Mawr built on that great start. But no, I had no idea of the directions my career would take.

It has been very important to me to be actively involved in matters of justice. I worked on many Aboriginal claims to land here in Australia, and I’ve been in court on Aboriginal people’s behalf, giving evidence as an expert witness. My work in extinction studies continues this commitment to justice. My Aboriginal teachers enabled me to understand that in a world of multispecies kinship (whether totemic or Darwinian), ethics never stops with the human.

Q: Environmental humanities is an area of growing interest at UD. Do you expect to collaborate with anyone here in this area?

I am totally delighted that UD is developing an Environmental Humanities Program. I have just taken up a position as visiting professorial fellow at the University of New South Wales, where I will be helping to get their new Environmental Humanities Program up and running. I am also a founding co-editor, with my research colleague Thom van Dooren, of the new journal *Environmental Humanities*. I hope there will be future collaborations.

Q: Do you see any hope for turning the tide of humans’ negative ecological influence?

It seems that the big opportunities for turning the climate change tide have already passed. On the matter of extinctions, there is a lot that could be done. One of the biggest issues is habitat destruction; we humans are not doing a good job at all of co-existing with our fellow creatures. Clearly, our survival, too, depends on making big changes in the way we think and act. As Western people, the burden falls especially upon us. ■



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Lawyer's job is tailor-made for lifelong sports fan

André Walters, AS02, doesn't know how to tailor a suit, but he does know how to negotiate, structure and close deals. Interestingly, both those facts played a part in his landing a role with Bobcats Sports and Entertainment, which operates the NBA's Charlotte Bobcats and Time Warner Cable Arena, where he is vice president of legal affairs.

As Walters explains, it all began one day while he sat in his office at his former job in business law in Baltimore. He looked out his window at a beautiful sunny day, he says, and his only thought was that he wanted a new career path.

Walters realized that he didn't want to have a job simply to make money. He wanted a job that he loved. With that revelation came another; he was a sports guy and fascinated by the business of sports.

"That's what I have a passion for, and I just thought back to when I was a kid," he says. "I played sports, played basketball, baseball, football, and I spent much of my leisure time watching, reading or talking about sports."

Because several family members had recently moved to Charlotte, N.C., Walters decided to check out the websites of the city's professional sports teams to see if they had openings in their legal departments. On the Bobcats' site, he saw that Jared Bartie had just been hired as the team's general counsel.

After reading Bartie's bio, Walters realized that he wanted to emulate that career path, so, in hopes of finding a mentor, he called the Bobcats to get Bartie's email address. Instead, his call was transferred and Bartie answered the phone himself.

Walters still tells the story with amazement: "So I go, 'Hi, Mr. Bartie, my name is André,' and he stops me and goes, 'You're just the guy

I've been waiting to talk to.' And I'm like, 'I am?'"

It turned out that Bartie had been trying to reach a tailor named André. Once the two men straightened out who was on the phone and why, the rest is history. In a month's time, after two interviews, Walters was offered the job as director of legal affairs.

The moral of the story, he says today, is to have faith, not be afraid to take some chances, work hard and be on the lookout for opportunity. "Ironically, the skill sets I developed with my previous job ended up serving as the foundation for what I do today," he says.

With the Bobcats, Walters, who is married to attorney Antoinette McRae Walters, AS01, handles the organization's risk management. He

prepares, reviews, negotiates and helps close all the company's agreements and transactions—including player contracts and deals with corporate sponsors and for major events at the arena, including the 2012 Democratic National Convention.

"In a nutshell, my job is to protect the organization as best I can and to help get our business deals across the finish line," he says. "As a kid, I watched Michael Jordan on television like everyone else, and now I'm the lawyer for one of his major business interests. I'm truly a blessed individual."

And what about André the suit maker? Walters laughs: "I've never met him. I'd like to meet him, though, to tell him, 'Hey, you and I are forever linked.'" ■

—Adam Thomas

CHARLOTTE BOBCATS



PHOTO COURTESY OF CHARLOTTE BOBCATS



Nicholas Gregg (left) and Rob Harris work in their custom-guitar business. One of their instruments is a Jimi Hendrix tribute guitar.

Rock guitar business is

Story and photos by Sarah E. Meadows, AS13

After playing an assortment of guitars for more than 15 years, Nicholas Lee Gregg, EH10, became interested in customizing his own. And, with the help of UD’s leadership program, Gregg and his business partner, Rob Harris, AS11, have found that nothing is out of their reach.

Gregg took classes to learn how to become a luthier, or stringed-instrument maker, and conducted his own research. “I experimented with my own instruments—reverse engineering—and demolished a lot of them in the process,” he says.

By 2002, he was operating a custom guitar business out of his home in Middletown, Del. “I fell in love with the art,” he says.

Gregg found his passion in creating tribute series guitars, which are working replicas of famous artists’ instruments, such as those used by Jimi Hendrix, Eric Clapton, Paul McCartney, Bruce Springsteen, Prince and Jimmy Page.

“I thought it would be cool to re-create those guitars, so I did,” Gregg says. His first replica was a Stevie Ray Vaughan, and the reaction it got was encouraging, he says: “I showed it to a few people and they thought it was amazing!”

He and Harris met as undergraduates in a leadership class and became close friends. The two decided to team up and recently opened their first joint shop, Nicholas Lee Custom Shop Guitars and Discount Musical Supply (DMS), in Rehoboth Beach, Del.

“Even if you aren’t a player, you can walk in and admire the instruments. The shop is laid out like an art gallery, and you can test out some of the guitars,” Gregg says. “In the lobby, a 102-inch projection screen comes out of the ceiling and rolls footage of the original artists playing their original guitar.”

Harris is heading DMS, which launched in November, with Nicholas Lee Custom Shop Guitars scheduled for opening in early 2013. The dual business will operate online and out of the partners’ storefront, providing custom guitars as well as discount musical accessories to the public.

“People don’t want to pay an arm and a leg for quality items,” Harris says. “We are hoping to scratch the surface of a multi-billion-dollar industry with DMS.”

As the lead designer, Gregg works anywhere from five to seven days a week, putting in 16 hours each day—sometimes more. In a typical week, he has 50-100 guitars in various stages of production. Each instrument takes about five hours to manufacture from start to finish, with each part handcrafted and hand-painted.

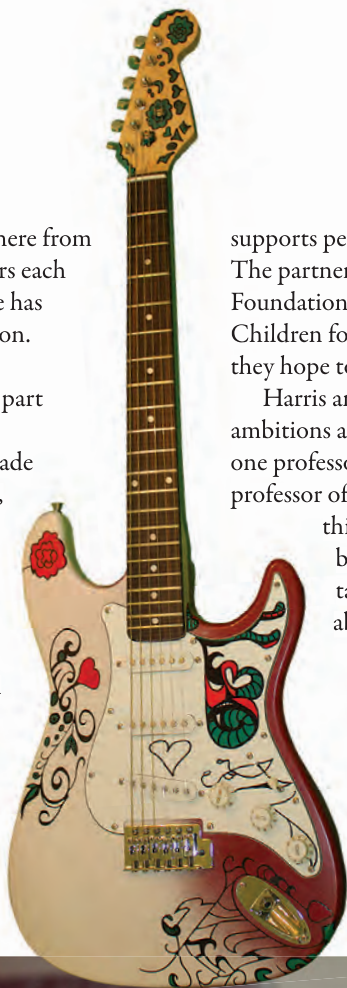
“It’s a true custom shop. Everything is made from scratch,” he says. “Quality wood is key, along with the electronics. Then the rest is simply physics and art.”

In the coming year, Gregg and Harris plan on introducing a beginner guitar and are going to use it to support charitable causes. A handful of guitars will be donated to the ServiceSource Foundation, which

supports people with disabilities, for music therapy classes. The partners are also collaborating with the Make a Wish Foundation and Nemours/Alfred I. duPont Hospital for Children for their Five Hundred Smiles Campaign, in which they hope to distribute 500 beginner models to 500 kids.

Harris and Gregg say they owe their entrepreneurial ambitions and achievements to UD’s leadership program and one professor in particular. “Tony Middlebrooks [associate professor of public policy and administration] inspires you to think outside the box, do what you love and make a business out of it,” Harris says. “Leadership can’t be taught, but the program offers insight for everyone about decision-making and executional design.”

And with their new business, Gregg adds, “Everything we learned in the program we still use today.” ■



on a roll



Innovation guides technology from initial concept to final product

At the Lockheed Martin Corp., two AUD alumni are working together on the frontiers of technological innovation.

Charles Johnson-Bey and David Pustai, who earned their doctoral degrees in electrical engineering in 1994 and 2004, respectively, are leading Lockheed Martin's new programs on innovation. Working in the Technology and Innovation Group, they focus on leveraging the best ideas and expertise from anywhere in the world and integrating them into the company.

Johnson-Bey, the manager of the company's Open Innovation program, works with external projects and partners, including U.S. national laboratories Sandia, Oak Ridge and Lawrence Livermore, as well as the GE Global Research Center and other world-class facilities.

He is collecting information on the labs' research priorities and comparing them with Lockheed Martin's needs in order to create a broad strategy of technology transfer—capturing, generating and synthesizing the best ideas and developing them into commercially viable products and systems.

Cross-pollination and collaboration are key to the company's innovation programs and are skills that his graduate studies helped him develop, Johnson-Bey says.

"My time at UD fed my own natural inquisitiveness. It provided a strong foundation in engineering and the importance of working across disciplines and separate organizations to achieve a solution," he says. "Currently, the Open Innovation program has a number of projects that

EVAN KRAPE



Charles Johnson-Bey (left) and David Pustai lead new programs on innovation.

range from a variety of technologies like quantum computing to particle image velocimetry."

About three hours north of Lockheed Martin's Bethesda, Md., headquarters, Pustai works in the company's Information Systems & Global Solutions business area in Pennsylvania, leading a team that develops breakthrough technologies and new business models. As the manager for the Innovation and Advanced Research and Development program, he champions innovation and collaboration both within and outside the company. One of the latest products he has introduced to Lockheed Martin is a cloud-based mechanism for collaboration in an environment where people are globally dispersed.

"We live in a society that is becoming increasingly dispersed and diverse.... Effective and efficient collaboration generates new innovations, increased cost savings and ultimately growth," Pustai says. "In breaking down organizational barriers, we are enabling dynamic cross-pollination to provide precisely the right solutions to customers. That's what excites me."

Lockheed Martin, a leading global security and aerospace company, created its innovation programs in response to increasingly complex customer

demands. Historically, research and development methods worked like a funnel, with ideas fed into the top and emerging as products below.

The new strategies led by Johnson-Bey and Pustai instead create a model that captures ideas from a variety of sources and uses them in new ways, making the movement between concept and execution more fluid.

"I was very fortunate, while at the University of Delaware, to be a part of [Prof.] Dennis Prather's large research group, where I had the opportunity to work in both the theoretical/modeling and experimental teams," Pustai says. "The lessons I learned in helping to connect these two camps have proven valuable in driving collaboration for innovation at this much larger scale."

Johnson-Bey completed both his master's and doctoral degrees at UD, where he remains involved as a member of the Electrical Engineering Advisory Committee. The committee meets regularly to help incubate new ideas and provide guidance on ways forward in electrical engineering.

Pustai has authored more than 30 publications, holds a U.S. patent and has been an invited speaker at numerous technical and academic conferences, most recently as a plenary speaker at the Industrial Research Institute's Member Summit. ■

Plan, then follow through, for future financial security

The economy will always play a role in ensuring that the road to financial stability is continuously under construction. Even back when I was a business major at the University of Delaware, friends and family would inevitably ask me complex financial questions with the expectation of receiving simple answers.

I would respond to each of them, always ending with the advice to create a solid financial plan. Unfortunately, most of those I tried to help did not attempt to make such a plan. In fact, they generally did nothing at all.

As I moved into the world of being a financial adviser, I took that experience with inertia and motivated myself to obtain Certified Financial Planner certification. This advanced training highlighted a life lesson and a strong belief: There is no quick fix for achieving financial independence. Knowing what you should do to put your financial house in order doesn't necessarily mean that you will take action. You must take your knowledge, organize it, create a plan of action based on the data collected and then implement that plan.

Financial success grows out of knowing your goals and dreams, and I begin my planning process by asking my clients to dream. Often, couples have their first meaningful "money conversation" while sitting in my office. Taking this important first step gives them a better understanding of their immediate needs and long-term goals.

It seems to be cliché, but you really do need to know where you are going before you create the path to your destination. Once people understand what is important to them—and they know what they really value in life—they are able to set priorities and to begin building a plan to help them work toward their goals.

When people have an accurate picture of their current financial situation, it is time to determine where



EVAN KRAPE

About the writer

Kimberlee Orth is a financial adviser with Ameriprise Financial Services Inc., a member of FINRA and SIPC. In June, she was recognized by *Barron's* magazine as one of the nation's top 100 women financial advisers of 2012. In her first appearance on the list, Orth was ranked at No. 35. *Barron's* says it selected the honorees according to such criteria as assets under management, revenue generated for their firms and client satisfaction, noting that all 100 advisers "have a knack for bringing peace of mind to clients, even in the most turbulent times."

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they stand in relation to achieving their goals and what actions can help them to reach the financial goals they have set.

It is important to note that a plan must be tailored to each individual's needs and goals. Many people create financial plans, but they won't work if they are not implemented. Small steps early on can become big strides at the end.

Financial planning is not simply about saving and investing; it is about

peace of mind. A plan can help you build a more secure feeling about your future and the future of your family. It can provide solutions to help you protect your household against loss of income and take the stress out of paying for big expenses. The plan and the planner work together to keep you focused on your goals as you navigate a complicated economic landscape. ■

By Kimberlee Orth, BE85



"I cannot see myself working
anywhere else except serving the
military of this country, because they
have given up so much."

—Paulette Mason, AS87

Soldier's mom answers call to serve

When Stefanie Mason was deployed to Afghanistan in 2004 with the Army Reserves, she asked her mom to volunteer with the Family Readiness Group in Wilmington, Del. Thus began Paulette Mason's volunteer work in the military, which took a frightening turn in April 2010 when Stefanie was critically injured in Kabul, Afghanistan, suffering nine skull and facial fractures, a traumatic brain injury and a fractured knee.

Until that day, Paulette Mason had enjoyed a diverse career in drug research, communications and journalism for several Delaware companies, including Wheeler Wolfenden & Dwares, AstraZeneca, DuPont and *The News Journal*. With a 1987 bachelor's degree in communication, she also had dreams of returning to UD to pursue a doctorate in psychology.

But when Stefanie was rushed to the old Walter Reed Army Medical Center in Washington, D.C., for surgery and later treatment, her mother put aside her career to care full time for her daughter and to advocate for the rights of all wounded warriors and their families. Today, she continues to oversee her daughter's medical care and rehabilitation plans at the new Walter Reed in Bethesda, Md.

"There is still a long road ahead to recovery, but Stefanie is focused and determined to overcome her disabilities," Mason says. "I am supporting her in every way possible on this challenging journey."

From 2009 to 2011, she served as chair of the Employer Support of

Guard and Reserve (ESGR) Delaware Committee, as well as on the National Strategic Planning Committee for ESGR. Dennis M. McCarthy, assistant secretary of defense for reserve affairs, nominated her for a national board, and in September 2011, she was appointed to the Reserve Forces Policy Board. That group advises the Secretary of Defense on strategies, policies and practices designed to improve and enhance the capabilities, efficiency and effectiveness of the military's reserve components. Mason serves as chair of the board subcommittee that supports service members, families and employers.

During her time on the ESGR and now on the policy board, she has worked to help employers understand and comply with the 1994 federal law that protects the employment rights of soldiers and guarantees that an employer cannot fire or lay off a soldier based on his or her absence while on military duty.

"Many employers were unaware of this law," Mason says. "Through our outreach efforts and the help of many citizen volunteers, we worked to create awareness and recognize employers who supported service members. Our volunteers unselfishly gave of their time to serve our country and our warriors."

With wars ongoing in Afghanistan and Iraq, members of the National Guard and Reserves, which make up 48 percent of the active military, were pushed to their limits on all fronts—in the battlefield, in their homes and in their civilian jobs and careers. To

Mason, the support of soldiers' employers, from small businesses to large corporations, is imperative to the success of the military and to national security.

With the directive to draw down troops in Iraq and the promise to do the same in Afghanistan, the nation's veterans and their families face new challenges, she says: fewer jobs, a stagnant economy and an irrational fear among some employers that soldiers could be liabilities to their businesses due to real or perceived disabilities.

"Employers have said to me, 'I would never hire someone in the National Guard or Reserves because it would disrupt my business.' You would hope than an employer would have a heart and open up their mind to hiring a veteran," she says. "If you consider the scope of skills they have—timeliness, technical skills, leadership, discipline—you hope that employers would see those qualities, and not a disability."

Mason does not know what the future holds for her and her family, but she says that wherever she lands, it will involve helping soldiers and their families and working to improve the system. "I cannot see myself working anywhere else except serving the military of this country, because they have given up so much," she says.

She lives in Delaware with her husband, Allen Guizzetti, BE75, an employee of W.L. Gore and Associates. Stefanie's twin sister, Jennifer, works in the fashion industry in New York. ■

—Melissa Cox, ASO5

Show designed to be bloomin' brilliant

When the Philadelphia International Flower Show's "Brilliant!" opens on Saturday, March 2, Sam Lemheney will be on hand making sure that visitors enjoy the sights and scents of summer in the midst of an East Coast winter.

Lemheney, AG91, director of America's oldest and largest indoor flower show, has been in charge of designing the annual event for eight years. In a talk on the UD campus in the fall, the former plant science major described what it takes to turn 10 acres of the Pennsylvania Convention Center into a world-class horticultural extravaganza.

Sponsored and managed by the nonprofit Pennsylvania Horticultural Society, the show has built on a legacy that began in 1829 and today has blossomed into an attraction that draws nearly 300,000 visitors annually. Each show has a theme, and this year's focuses on English gardens.

"Each new show combines a lot of the old traditions with cutting-edge flowers and garden designs—different, but with similar classes of plants and flowers on display," Lemheney says.



And, he adds, meeting the high expectations of visitors of all ages each year demands a commitment to outstanding design and floricultural and arboreal excellence.

"Getting tulips to bloom during the first week of March takes a combination of science and art," he says. "We have built the show into a powerhouse brand across the United States that has the same impact on the flower industry as the New York City Fashion Week has on the fashion industry."

What Lemheney calls the "wow" aspect of the show is important to visitors but also to those who put the event together.

"I thought I knew what passion for my work was before I got to the Philadelphia Flower Show," he says. "Nothing can match the passion and energy and time that our staff and volunteers have for horticulture."

The logistical challenges tackled by the staff of the Philadelphia Horticultural Society and its 3,500 volunteers include hauling in 2,000 yards of mulch (that's 30 tractor trailer loads) and 18 truckloads of stone and block, all driven right onto the convention center floor.

"We couldn't do it without our volunteers," Lemheney says. "It takes us 10 days to set up and three days to tear down the show and make it look like we had never been there."

As the Philadelphia Horticultural Society's largest fundraising event of the year, the show benefits a host of programs, including community gardens, the city harvest program and vacant land management programs. ■

—Jerry Rhodes, AS04

The 2013 exhibition and the University

Once again this year, a UD Blue and Gold element will be part of the "Brilliant!" show, which highlights the storied history of traditional and contemporary garden and landscape design in London and throughout the United Kingdom.

Freshman students from plant and soil sciences, public policy and administration and art classes are designing an educational exhibition for the event.

Faculty members involved in the project say it

provides students with many opportunities to engage in real-world, cross-disciplinary creative problem solving. Students participate in the full range of the creative process—from concept to prototype to construction to implementation to assessment—in a context of collaboration and community impact.

This year's flower show has added one day to its schedule and will be open March 2-10. For details, visit www.theflowershow.com. ■



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The naturals

Friends put heads together in business

When Tywanda Howie and Latoya Watson decided to start their own business, they really used their heads. More precisely, they used their hair.

The two graduates from the Class of 2004 had individually joined the natural-hair movement—an increasingly popular trend among African-American women who choose to forgo chemical straightening products—and were sharing their experiences through blogs and e-newsletters. After discovering each other’s online outreach efforts, they rekindled their college friendship and soon recognized the opportunity for an entrepreneurial venture.

“We saw that in larger cities like New York and Philadelphia and Atlanta, events were happening where women who were interested in natural hair could come together and learn from each other and have fun,” Howie says. “We thought Delaware women should have that, too, and so we formed a bona fide business to plan those kinds of events here.”

Through the business, Delaware Naturalistas, she and Watson have hosted events for other women looking for natural hair and beauty alternatives. These “meet-ups” have included workshops and demonstrations at beauty salons and women’s health fairs. Going natural means much more than skipping chemical products; women learn new ways of styling their hair, which might include using rollers or twisting strands to form loose or tight curls, and become familiar—often for the first time in their adult lives—with what their untreated hair is like.

Salons and beauty-product retailers became interested in what the Naturalistas were doing, Howie says: “They knew we had a pulse on a specific niche market.”

Last spring, the two women hosted their largest event, an expo that drew 35 vendors and some 400 attendees to a day of workshops, live entertainment, demonstrations and networking. In addition to those selling hair and cosmetic products, Watson says, vendors of such accessories as scarves, hair wraps and jewelry recognized the marketing potential of the natural hair community.

The expo included health-related topics as well, including the importance of exercise—and tips for working out without requiring major hairstyle repair afterward.

“When people start thinking about not using chemicals on their hair, they start thinking about a lot of other natural products and healthy lifestyle choices, too,” says Watson, a mother of two who stopped using chemical relaxers on her hair when she and her husband first decided to start a family.

The expo was promoted largely through the Naturalistas’ Facebook group. What had started in August 2011 as a group of 20 friends sharing their experiences in going natural quickly grew and now numbers about 2,000 fans.

Plans are under way for a second expo this spring or summer, and Howie and Watson are continuing to lead smaller workshops and get-togethers at various locations. ■

—Ann Manser, AS73 and Lauren Pitruzzello, AS13



Latoya Watson (left) and Tywanda Howie at Bliss Elements Salon, where they have hosted events.

EVAN KRRAPE

About the founders

Delaware Naturalistas is far from being Howie’s only foray into entrepreneurship. An English major with a concentration in journalism at UD, she has never stopped writing, including her blog, monthly e-newsletter (which she says is “like having my own magazine”), spoken-word performances and poetry. She recently published a book collecting about 80 of her poems, titled *Between Proverbs and Poetry*.

Both she and Watson have day jobs, as well. Howie does marketing for the United Way of Delaware, and Watson, who was an undergraduate business major and then earned a master’s degree in public administration from UD in 2008, is a student adviser in the College of Agriculture and Natural Resources.

For more information, visit www.denaturalistas.com. ■

Where's YoUDEe?

Traveling the world

The Office of Alumni Relations recently launched “Where’s YoUDEe,” asking alumni to take a paper version of the University mascot with them on their travels, pose YoUDEe for a photo and then share the results on the alumni website and Facebook page.

As it turns out, YoUDEe’s been quite a world traveler in recent months.

In September, for example, the mascot joined Bill Vaughn, AG61, and Judy Vaughn, EH60, in China, accompanying them on a tour that included the Great Wall. “Whenever we get the urge, we just get up and go,” the Vaughns say about their love of travel. “We’re in our 70s, but we’re kids at heart.” (See photo below.)

Bill Vaughn describes the Great Wall as “awesome” and says he will never again complain about traffic in the United States after driving in Beijing.

The visit to China came shortly after YoUDEe went to Costa Rica with Brian Linden, AS99, where the Blue Hen was photographed (above) meeting a feathered friend in the town of La Fortuna. In the background is the Arenal volcano.

Any Blue Hen who wants to join the fun of traveling with the University’s award-winning mascot can see an assortment of photos and also download the image at www.UDconnection.com/wheresyoudee.

Follow these steps:

- Choose a place for the photo, from your own neighborhood to a vacation resort on the other side of the globe.
- Cut out YoUDEe’s photo and pose the mascot in your location of choice.
- Snap a few high-resolution photos, including yourself if you like.
- Share the photos by emailing them, along with your name and class year, to alumnet@udel.edu, and post them on the Alumni Relations Facebook page at www.facebook.com/UDalumni. ■





BETTER RESEARCH, BETTER DATA MAKE FOR BETTER SCHOOLS

ATNREAKN Alleyne, AS09M, a doctoral candidate in political science, has been selected as a Strategic Data Project Fellow by Harvard’s Center for Education Policy Research.

A group of fellows is selected each year by the Harvard center, which places them in partner education agencies around the country to bring high-quality research methods and data analysis to bear on strategic management and policy decisions. Alleyne has been placed in a two-year fellowship in the Delaware Department of Education, working with the Teacher and Leader Effectiveness Unit to evaluate education reform efforts pioneered through federal Race to the Top funding.

“This is a great opportunity to promote a culture that uses data to drive decision making, especially in education, where the lives of children are at stake,” Alleyne says.

Through the fellowship, he will analyze data related to various innovative reform efforts, as well as set up data systems for the state.

Candidates for the fellowship must hold an advanced degree and have a strong background in quantitative analysis, proven leadership and management experience, excellent communications skills and a demonstrated passion for education reform.

Alleyne, of Camden, N.J., holds a master’s degree in public administration from Rutgers University in addition to his master’s degree in political science from UD. He and his wife are the founders of TeenSHARP, a college-access program that provides

underrepresented students with quality preparation, advising, resources and leadership development to attain higher education.

Recently, Alleyne was awarded a first-place prize of \$2,500 from the “Be Big in Your Community” contest sponsored by the publisher Scholastic to train high school students to promote higher education in schools that lack a culture of going on to college. ■

A GAME-CHANGER FOR GIRLS IN AFGHANISTAN

AWISTA Ayub, AS09M, has been recognized by ESPN as one of 40 women who have changed the way sports are played.

Ayub, who founded the Afghan Youth Sports Exchange



a decade ago at age 23 and brought eight Afghani girls to America to teach them soccer, chronicled her experiences in her 2010 book, *However Tall the Mountain*. She earned her master’s degree in public administration in 2009 from UD’s School of Public Policy and Administration.

She was honored by *ESPN The Magazine* with its “Peacemaker” title.



Alumnus tracks his Blue Hen connection

Over the years, Frank Vanderslice, EH77M, of Newark, Del., has run into other UD alumni in such far-flung places as Canada’s Yukon Territory and Hollywood, Calif.

He boosts his odds of finding fellow Blue Hens by wearing a UD cap or shirt while traveling.

Vanderslice’s most recent encounter was with the parent of a current student he met while at Zion National Park in Utah last summer. In this photo are Vanderslice, left, and Ben Sahd, whose daughter Laura is a College of Health Sciences student set to graduate in 2015. ■

“Today, thanks in large part to Ayub’s efforts, there are 15 girls soccer teams administered by the Afghanistan Football Federation, and the Afghanistan Olympic Committee has formed a national women’s team,” the magazine said in announcing the award.

“Now, in her role [as director of South Asia Programs] with Seeds of Peace, Ayub uses basketball, soccer and tennis to introduce conflict resolution to children in many regions around the world, including India, Pakistan and Afghanistan.”

Ayub was born in Afghanistan and immigrated to the U.S. as a child. Her efforts to bring soccer to youngsters, especially girls, in her native county have been recognized by ABC News, which named her a “Person of the Week,” and *Glamour* magazine, which featured her as a “Hero of the Month.” In 2006, she received ESPY’s Arthur Ashe Courage Award. ■

Future dentist creates artwork that rocks

Ed Bayley, AS10, collected minerals as a childhood hobby and then moved on to other pastimes in high school, including painting in the genres of photorealism and hyperrealism.

Later, while a student at UD, he visited the University’s Mineralogical Museum in Penny Hall on campus and found that his interest in the subject continued. He also realized that he could combine that passion with his love of art and, in 2011, began painting minerals.

“It was a natural progression to mineral illustration,” he told the magazine *Rocks & Minerals*, which featured him in its May/June issue last summer. “I had to ask myself, ‘Why didn’t I think of this earlier?’”

Today, Bayley is a dental student at the University of Pennsylvania. He earned his degree in biological sciences at UD and never seriously considered formally studying art or becoming a professional artist. Why? The short answer, he says, is that dentistry is an art form of its own.

“The long answer is that I never really wanted painting to become work,” he says. “I think that when an avocation becomes a vocation, it loses its freedom and ceases to be there as an escape. While dentistry is art on a schedule, I prefer to keep my painting a hobby; that way the process of inspiration and painting can occur on its own terms.” ■



Topaz with rhyolite from Utah’s Thomas Range, acrylic on canvas

COMPUTER SCIENTIST HONORED FOR RESEARCH ON IMAGE-RECOGNITION CAPABILITY

PHOTO: THE UNIVERSITY OF CALIFORNIA IRVINE



DEVA Raman, EG00, an associate professor of computer science at the University of California Irvine, has been named one of *Popular Science*

magazine’s “Brilliant 10” young scientists of 2012.

The designation places him on the magazine’s annual honor roll of the 10 most promising scientists.

Ramanan is working to improve a computer’s image-recognition capability or, in simpler terms, a computer’s ability to see people. He has devised a computational algorithm that allows computers to recognize three-dimensional

flat photography through software that “teaches” the computer to identify body parts and match them to a flexible human template.

“Face-recognition software, which pinpoints the classic eyes-nose-mouth configuration, has been in use for years,” *Popular Science* wrote about Ramanan’s research. “But detecting a human body—any human body—is much more

challenging for computers due to the endless variety of possible poses, angles, sizes and outfits.”

Ramanan believes his work could lead to advances in future computer vision systems, particularly in pedestrian-detection systems for self-driving cars, videogame systems enhancements and even home monitoring for patients undergoing long-term rehabilitation. ■

Homecoming activities fill a spirited week

The University celebrated a spirited Homecoming 2012, with a 47-24 victory by the Fightin' Blue Hens football team over the University of Rhode Island and the revival of the Homecoming Court tradition.

For the first time in 15 years, UD crowned a Homecoming king and queen. Following weeks of intense campaigning by the six men and six women of the court, and online voting by the student body, seniors Sam Katz and Jennifer Lowe were selected.

The winners were crowned by Valerie Biden Owens, a member of the Class of 1967 who was the 1965 Homecoming queen.

For a full week leading up to the Oct. 20 football game and halftime activities, various Homecoming events were held around campus. They included:

- **Battle of the Blue Hens.** Student organizations competed throughout Homecoming Week, as members of groups attended numerous events across campus. The three groups with the highest attendance were Gamma Sigma Sigma, first place; Alpha Epsilon Phi, second place; and Alpha Xi Delta, third place.
- **Blue Hens take to Main Street.** More than 250 alumni attended the Office of Alumni Relations' Blue Hens on Main event for a nostalgic night with friends on Main Street. Before hitting the restaurants in town, Blue Hens met and mingled in the Trabant University Center for snacks and entertainment,

reconvening there at the end of the event for a late-night breakfast.

- **Spirit Celebration.** On Friday, Oct. 19, hundreds of students, faculty and staff gathered in the Trabant University Center for a Spirit Celebration. UD President Patrick Harker and UD Alumni Association President Darelle Lake Riabov, a 1973 alumna, were in attendance, as were mascots YouDee and Baby Blue, the Homecoming Court and dozens of student groups.
- **Banner and Spirit competitions.** Homecoming banners were designed and submitted by 24 student groups and five of the Homecoming Court nominees. The Rodney B4 Buddies were voted the winners of the banner competition. The Student Centers Programming Advisory Board took home the prize for best spirit skit, and HOLA won best overall skit and banner.
- **Dare to Show More Spirit.** For a fourth year, University faculty and staff submitted photos of their colleges, departments and units in a contest to determine which UD employee group had the most spirit. Among the 20 entrants, the People's Choice Award went to the UD Honors Program, while the UD Alumni Association President's Choice Award was given to the Carvel Research and Education Center in Georgetown. ■

—Melissa Cox, AS05



This year's Homecoming featured (above, left) Jennifer Lowe as queen, Sam Katz as king and 1965 queen Valerie Biden Owens. At left, Owens crowns her successor, Judi Scari, in 1966.

Award recognizes student ambassador's contributions



Jacklyn (Jackie) Weisberg, a senior communication major from West Nyack, N.Y., and president of the Student Alumni Ambassadors, has received the T. Muncy Keith Spirit Award for 2012 from the UD Alumni Association (UDAA).

University President Patrick Harker and UDAA President Darelle Lake Riabov, EH73,

presented the award at a halftime ceremony in October.

The Spirit Award is a \$1,000 scholarship presented each fall to a Student Alumni Ambassador who has made or has the potential to make the greatest contribution to the organization.

Student Alumni Ambassadors are undergraduates who are selected for their outstanding achievements and leadership on campus. They encourage

school spirit, foster connections between alumni and students, support the Office of Alumni Relations, serve as advisory board members to the University community and aspire to be active UD alumni upon graduation.

"Being a Student Alumni Ambassador has given me the chance to meet so many alumni and hear about other people's experiences at UD," says Weisberg, who joined the program as a freshman and remained involved. ■

Presidential Citations honor accomplishments

Six alumni were honored during Homecoming Weekend as the 2012 recipients of the Presidential Citation for Outstanding Achievement, the 20th year the awards have been made.

Since the award's inception, just 227 people among 157,000 living alumni have been so honored, UD President Patrick Harker said at the ceremony.

"Our honorees are clearly accomplished," he said. "They're the success stories we hold out to today's students, the embodiment of the attributes we promise will yield good things—talent, hard work, discipline, passion, vision, perseverance."

Here are the 2012 honorees.

Joseph Chen, AS92, a pioneer of the Chinese Internet industry whom *Forbes* magazine called "a creative and conceptual thinker," is founder, chairman and CEO of Renren, the leading real-name social networking site in China, which also offers a group buying service.



Darryl P. Conway, HS 93, is assistant athletic director for sports medicine at the University of Maryland College Park, where he oversees day-to-day operations and coordinates sports medicine services for 22 athletic teams and 600 student-athletes.



Andrew T. Hill, BE96, 97M, 03PhD, is the economic education adviser at the Federal Reserve Bank of Philadelphia, an adjunct professor of economics at Temple University and a frequent speaker on economic and personal financial education topics.



Kirk Malloy, EO90M, 93PhD, is vice president of global customer solutions at Illumina, a leading molecular instrument, software and reagent company, where he is responsible for commercial operations and manages a team of some 400 employees in 47 countries.



Taisha Mapp-Rivera, EG94, BE00M, is corporate program manager for DuPont's Global Trade Secret Risk Management Network, which is responsible for cultivating a disciplined knowledge management culture and robust technology infrastructure.



Karen A. Stout, AS82, EH95EdD, has served since 2001 as president of Montgomery County Community College, a multi-campus college in suburban Philadelphia, which is recognized nationally for its work in student success and its use of technology. ■



Outstanding alumni continue to volunteer

Two UD graduates who have remained involved with their alma mater over the years were honored at Homecoming 2012 with the UD Alumni Association's Outstanding Alumni Award.

Claire M. DeMatteis, AS87, and Terrance Bowman, EG95, were recognized at the President's Homecoming Luncheon and at the football game. The award is given to alumni who have exhibited exceptional volunteer work on behalf of the University and/or the association.

DeMatteis, who is executive vice president, general counsel and corporate secretary for Catalina Marketing Corp., is a strong supporter of UD's Center for Political Communication and served for two years as inaugural chair of the center's advisory council.

Bowman, vice president and technical operations lead for JPMorgan Chase, has been the acting president of the

University's Black Alumni Organization for the last four years and a dedicated fundraiser for the organization's endowed scholarship fund.

DeMatteis was nominated for the award by Joseph Pika, interim associate dean of the College of Arts and Sciences, and Ralph Begleiter, director of the Center for Political Communication. Bowman was nominated by Dave Morris of the Office of Annual Giving and Justine Talley-Beck of the Office of Alumni Relations. ■



BULLETIN



Board

FACULTY MEMBERS TO LEAD SEVENTH TRIP TO CHINA IN JUNE

THE Office of Alumni Relations has announced the seventh annual special trip for alumni, faculty, staff and friends of UD to China, the Middle Kingdom, in June 2013.

The journey will be led by volunteer directors Xiang Gao, UD Trustees Distinguished Professor of Music, and his wife, Renee Dong, instructor in Chinese in the Department of Foreign Languages and Literatures.

The deadline to apply is Feb. 1.

The trip will include visits to Beijing; Xi'an, site of the 2,000-year-old Terracotta Warriors; Shanghai, the largest port in the world; and Suzhou, the city of traditional Chinese gardens and birthplace of Chinese silk. Each year, the trip features not only these famous sites but also the educational elements and cross-cultural experiences its two directors provide.

"As an artist from China who has lived in the U.S. for more than 20 years, I consider China and the United States as

my mother and father countries," Gao says. "As a cultural ambassador, I have been passionately promoting cultural exchange and understanding between the people of the two great nations musically. This trip is another way to show my uncompromised commitment in promoting Sino-U.S. relations."

The 2013 trip brochure, with itinerary and application forms, is available at www.UDconnection.com; click on "Get involved." ■



PARTNERSHIP MAKES NEW LIFE INSURANCE PROGRAM AVAILABLE

THE UD Alumni Association (UDAA) has partnered with The Alumni Insurance Program, a resource for a variety of life insurance products. It offers affordable plans designed to meet the insurance needs of alumni, including new graduates, new

parents or those who want to supplement their current coverage.

To take advantage of this benefit, visit www.UDconnection.com/ services. The revenue earned by the UDAA for each online purchase helps support student events and scholarships, alumni awards and events, regional alumni clubs and other alumni programs. ■

ALUMNI ASSOCIATION WELCOMES SIX NEW MEMBERS TO BOARD

SIX new members joined the UD Alumni Association Board of Directors effective July 1. They are:

Ken Boyle, EG78, of Yardley, Pa., president of StederNC, a software and technology advisory company; Megan DiMuzio Del Collo, EH99, of Moorestown, N.J., director of learning and development for Lincoln Financial Group; Julie Zimmerman Derrickson, AS01, of Bear, Del., a billing coordinator for the law firm Maron Marvel Bradley and Anderson; Paul Fioravanti, AS93, of Wilmington, Del., a managing director with the law

GET INVOLVED BY NOMINATING OTHERS OR VOLUNTEERING YOURSELF

NEW members of the Alumni Wall of Fame will be inducted during Alumni Weekend in June, and nominations for those awards are now being accepted.

The Wall of Fame, established in 1984 by the University and the UDAA, recognizes outstanding professional and public service achievements by UD graduates. Nomination forms and information are available at www.UDconnection.com/walloffame.

The UDAA also is seeking energetic Blue Hens who are interested in serving on regional alumni club boards across the country. Volunteer roles at all levels are open for alumni who want to get involved, make a difference and represent the University. Visit www.UDconnection.com/clubs for information on alumni clubs. ■

firm Prickett, Jones and Elliott; Maureen Cawley Ortega, AS98, of Wilmington, Del., a compliance specialist with Ace American Insurance Co.; and Robert Waters, BE82, of Oak Hill, Va., retired vice president for HR strategy and talent management with Northrop Grumman Corp.

“Each new member brings a special set of skills that will help us move our organization forward,” says Darelle Lake Riabov, EH73, president of the UDAA.

As the association welcomed its newest board members, it also thanked its outgoing members: John Gaul, AS78; Susan Gell Hugel, AS73, 74M; Joanne Colletta Reihm, EH76; Ruth Johnson Reynolds, EH64, 97M; Thom Shumusic, EH06; and Stephan Zacharkiw, BE99. ■

REGIONAL CLUB PARTIES CELEBRATE NEW GRADS AND NEW FRESHMEN

THE new alumni status of more than 3,800 Class of 2012 graduates was celebrated with “Welcome to the Neighborhood” events held in cities across the country in August. Parties were held in Baltimore, Boston, Lancaster (Pa.), Long Island, New York City, Philadelphia and Wilmington, Del.

“The annual welcome events give new alumni a chance to connect with other UD graduates, make new friends and network professionally,” says Leslie Lundgaard, alumni club coordinator with the Office of Alumni Relations. “We want our alumni to know that they always have a broader Blue Hen family that they can rely on, no matter where they live.”



Darelle Lake Riabov, UDAA president (second from left) joins the Northern New Jersey Alumni Club for its New Student Send-Off party.

Also in August, alumni welcomed to the roost the incoming Class of 2016 with New Student Send-Off parties in several cities. Alumni met with new freshmen and their parents to give them advice and wish them luck before the students left for campus.

The welcome and send-off events were planned by alumni

club volunteers in each city. UD has more than 15 alumni clubs and 20 “spirit cities” nationwide, with more being established each year. To start a club in your area, contact alumnet@udel.edu, and check out the list of existing alumni clubs at www.UDconnection.com/clubs. ■

ALUMNI CLUBS WARM UP WINTER WITH FRIENDLY GATHERINGS

Jan. 16—Boston Club, “Winter Warmer” happy hour

Jan. 17—New Castle County Club, open meeting and happy hour, Bahama Breeze

January—New Castle County Club, UD bowling team with Delaware Sports League begins

January—South Florida Club, monthly business networking lunch

January/February—Lancaster Club, trip to Barnes Foundation, Philadelphia

Feb. 7—Reading (Pa.) Club, bowling, Berks Lane

Feb. 9—South Florida Club, Florida Renaissance Festival

Feb. 13—Boston Club, UD men’s basketball at Northeastern University

February—New Castle County Club, themed cooking class with Dana Herbert

February—New York City Club, winter social and networking event

February—South Florida Club, monthly business networking breakfast

March 14—Boston Club, meet at Institute of Contemporary Art

March 17—Lancaster Club, *A Chorus Line*, Fulton Theatre

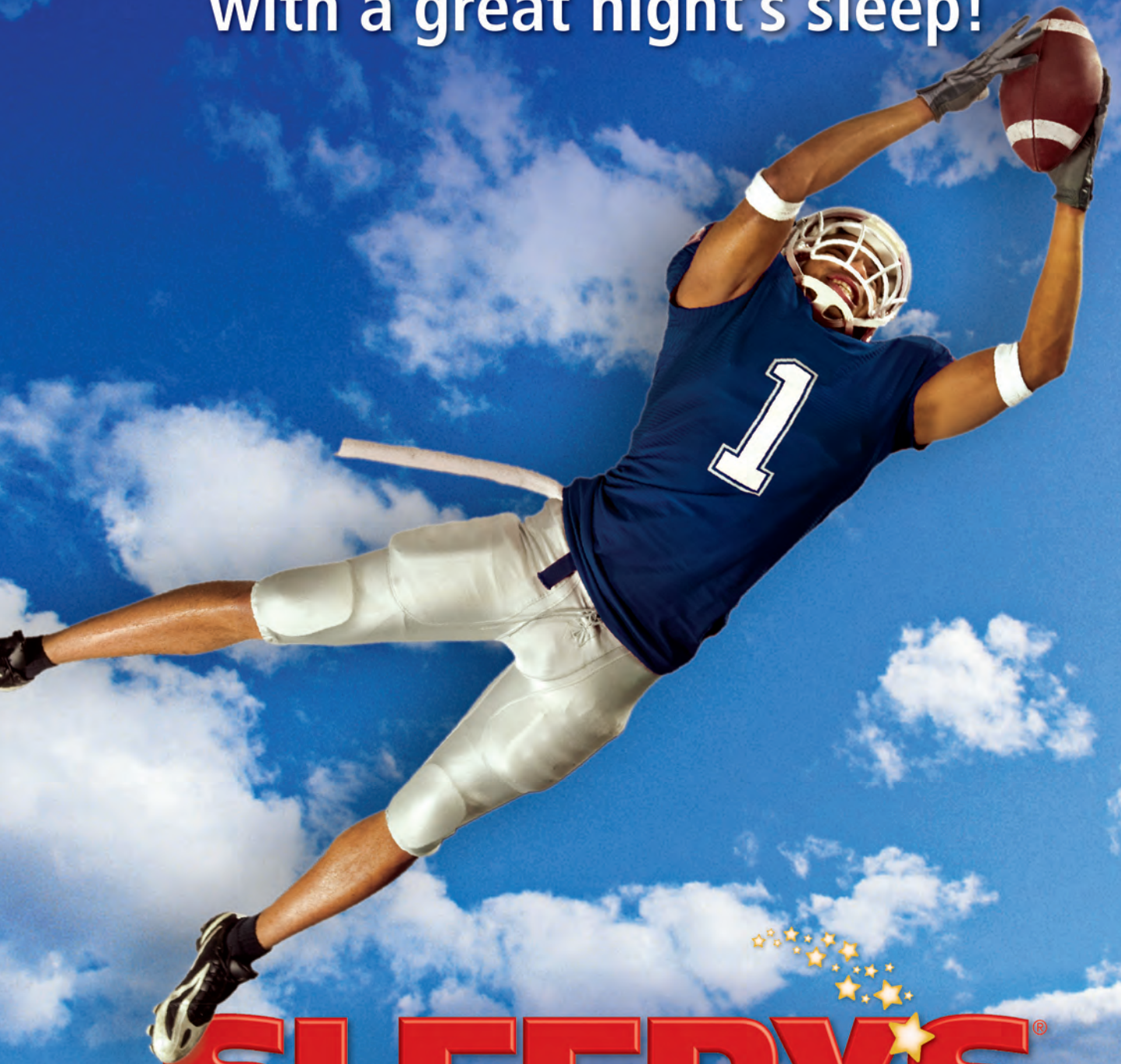
March—South Florida Club, monthly business networking happy hour

March—South Florida Club, wine tasting, Boca/Fort Lauderdale area

April 4—Reading (Pa.) Club, happy hour, Railroad House Restaurant ■

Visit UDconnection.com to view more events

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CLASS NOTES

News from our alumni

1960s

Larry Jilk 60BE, of Phoenixville, Pa., recently was the executive producer of three DVDs on various aspects of the vowed Catholic religious life—as a priest, sister or brother—which are used at Catholic colleges and high schools, university Newman centers and parishes by those considering a religious vocation.

Carol (Van Dyke) Freer 68AS, of Hanover, Pa., has been named chief medical officer at Penn State Hershey Medical Center.

Ray Stevens 69BE, of Ocean Pines, Md., a retired NASA contracting officer, serves as volunteer kitchen manager and chef at The Spirit Kitchen, which serves free lunches and operates a food pantry in Berlin, Md.

1970s

Carol Knotts 72BE, of Chadds Ford, Pa., and her sister, Bev

Michel, who also attended UD, both longtime volunteers with the Delaware Breast Cancer Coalition, reached their goal this year of raising more than \$1 million for the organization in honor of their mother, Ann Knotts, who died of breast cancer in 2002.

John Orfe 72EG, of Schererville, Ind., a career Army Reservist for the past 40 years who has served in Bosnia and Iraq, recently completed active duty at the Army's Training and Doctrine Command at Fort Eustis, Va., and has returned to his position as terminal and process improvement manager for the chemical distributor Univar.

Russell Smith 72AS, of Fredericksburg, Va., superintendent of the Fredericksburg and Spotsylvania County Battlefields Memorial National Military Park, was awarded a 2011 Appleman-Judd-Lewis Award for excellence in cultural resource stewardship from the National Park Service.

Catherine J. Bruno 73AS, of Hampden, Maine, vice president and chief information officer (CIO) of Eastern Main Healthcare Systems, was selected as one of two winners of the Massachusetts Institute of Technology Sloan CIO Symposium Award for Innovation Leadership, honoring CIOs who lead their organizations to pursue the innovative use of information technology and business processes.

Georgeann (Vieck) Lynch 73AS, of Baltimore, a legislative aide for Maryland state Delegate Rick Impallaria, received a master's degree in Russian language from George Washington University.

Nick Manolakos 73AS, 91EH/M, of Wilmington, Del., an educator for 34 years, most recently as a principal and assistant principal in Delaware's Red Clay Consolidated School District, has been named the headmaster of Odyssey Charter School, a Wilmington elementary school emphasizing the Greek language and mathematics.

Alice (Jaquette) Daugherty and Terry Daugherty, both 74AS, of Macomb, Ill., recently completed two years of Peace Corps service in Bulgaria and now are pursuing master's degrees in education and interdisciplinary studies, with a concentration on teaching English as a second language, at Western Illinois University.

Carl Moore 74EG, of Aberdeen, Md., continues to play viola and has participated in recent performances

at Meyerhoff Hall in Baltimore and the Baltimore Symphony Orchestra Academy.

Rachelle Saltzman 77AS, of Eugene, Ore., recently accepted a position as executive director of the Oregon Folklife Network, based at the University of Oregon.

1980s

Wendy Bugher Greenley 80AS, 83M, of Blue Bell, Pa., has published her fifth contribution to the *Chicken Soup for the Soul* anthologies, with the story "The Reign of Cleopatra" in *I Can't Believe My Cat Did That!*

Richard Brody 83BE, of Albuquerque, N.M., who is the Douglas Minge Brown Professor of Accounting at the University of New Mexico and a Daniels Fund Business Ethics Fellow, has been selected as the Association of Certified Fraud Examiners' Educator of the Year.

Lisa Clarke Bjorkelo 85HS, of Morton, Pa., has earned her master's degree in nursing from Neumann University, where she received the Margaret Bonner/Sister Kathleen Cronin Award for Excellence in Graduate Nursing.

Julie Mole Feinstein 85AG/M, of Brooklyn, N.Y., an author, research scientist and collection manager for the Ambrose Monell Cryo Collection at the Sackler Institute for Comparative Genomics of the American Museum of Natural History in New York, has received

SHARE YOUR NEWS!

The *UD Messenger* encourages all alumni to send us any news you want to share with your fellow Blue Hens.

Facebook, Twitter, blogs, community newspapers and organizations' newsletters are all great ways to let people know about your accomplishments and new endeavors. But when you're making use of those outlets, don't forget to keep your former UD friends and classmates in the loop. All of our reader surveys show the same result: The Class Notes section of the *Messenger* is the favorite and most-read part of the magazine.

We want to know about a degree or credential you may have earned, a new job or promotion, a professional honor or an award from a nonprofit or civic group. If you're serving on the board of a charity, leading a community or church group or starting a business of your own, that's news to share as well.

There are two ways to get out the word. You can use the online community just for Delaware alumni; go to www.udconnection.com, register for the password-protected site and post any news you want to share. It will appear on the site and will also be considered for inclusion in an upcoming issue of the *Messenger*.

Or, if you prefer to send information directly to the magazine, email your news to alumnet@udel.edu; please remember to include your graduation year and college or major. If your company, school or organization is sending a news release about you to the media, ask them to include us on their list.

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- AS—Arts and Sciences
- BE—Lerner College of Business and Economics
- EG—Engineering
- EO—Earth, Ocean, and Environment
- EH—Education and Human Development
- HS—Health Sciences
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- M—master's degree
- PhD/EdD/DPT—doctoral degrees
- H—honorary degree



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the 2012 Outstanding Alumna Award from Camden County College, where she began her academic career by earning an associate degree in 1980.

Kimberlee M. Orth 85BE, of Wilmington, Del., a private wealth adviser with Ameriprise Financial there, was recognized by *Barron's Magazine* as one of the top 100 female advisers in the United States.

M. Katherine Hutchinson 86HS/M, 99EH/PhD, of New York, formerly an associate professor at New York University's College of Nursing, has been named associate dean for graduate programs at the Boston College Connell School of Nursing.

Mariann Kenville-Moore 86AS, of Wilmington, Del., who recently retired as director of crime victim and witness services with Delaware's Department of Justice, has joined the Delaware Coalition Against Domestic Violence as its policy coordinator.

Mark Aronson 87AS/M, of New Haven, Conn., was promoted to chief conservator at the Yale Center for British Art, where he oversees the museum's conservation department and an integrated program for conservation treatment, research and teaching.

Karen R. Malchione 87BE, of Landenberg, Pa., a certified public accountant, has been promoted to vice president with the financial planning and investment advisory firm Schiavi + Dattani.

Carolyn Burroughs Wickes 87HS, of Fort Edward, N.Y., received a master's degree in nursing education from Norwich University in June and now is employed as the clinical educator for cardiology services at Glens Falls (N.Y.) Hospital.

Julie Von Spreckelsen 88AS, of Blue Bell, Pa., an attorney with the land use and zoning and family law practice groups of the firm Eastburn and Gray there, has been elected to the board of the Ambler Area YMCA.

Hens of a Feather

News involving several alumni

More than 20 alumni of the Nu Xi Chapter of Kappa Alpha Psi fraternity gathered with family and friends for a barbecue in Glasgow (Del.) Park in July in what they are hoping will become an annual, informal reunion. Attending were fraternity brothers from the pledge classes of 1989–2009 and UD graduating classes of 1993–2012. The event coordinator, **Earl Shorter 96AS**, says he was pleased with the attendance and is looking for ways to expand the event next year during Alumni Weekend. "It was so great to reconnect with old friends from UD for an afternoon of food, fellowship and fun," he says. Kappa Alpha Psi was founded in 1911 to encourage college attendance and achievement among African American men; its Nu Xi chapter was chartered at UD in 1989. For more about the reunion, including a photo, visit www.udconnection.com and click on "Alumni Spotlight."

Two alumnae of the UD Dance Team recently were selected as members of the 2012–13 Sixers Dream Team, a selective dance troupe that performs at every home game of the NBA's Philadelphia 76ers. **Chelsea Stroud 09BE** and **Nicole Vernile 11BE** were selected after a series of auditions for new team members.

Members of the 6-year-old Blue Hen Fantasy Football League were showcased this year on the NFL Network's Fantasy Football Week, doing a live draft on TV and streaming the event live online. **Michael Berk 05BE** says he and fellow alumni **Matthew Bender 06AS**, **Matthew Millman 05BE**, **Steve Vitale 05BE**, **Chris Stankiewicz 05BE**, **Robert Flannigan 05BE** and **Ben Vardi 04BE** "jumped at the chance to participate with former NFL stars like Amani Toomer, Derrick Brooks and Brian Westbrook."

It was a busy summer for the Widdoes family of Landenberg, Pa. **Pete Widdoes 77AG, 82EG**, an associate at W.L. Gore, and **Aaron Widdoes 08AS**, a sales representative for Pinnacle Inc., won the Pennsylvania State Golf Association's Father-Son Championship in Hershey in July. Also that month, **Nancy Widdoes 75AS, 77M**, took a position with Delaware's new Office of Early Learning, managing the implementation of the state's \$50 million Early Learning Challenge grant awarded through the federal Race to the Top program. ■

Karen H. Greenberg 89BE, of Chester Springs, Pa., a chartered financial analyst with 23 years of experience in the investment industry, has been appointed managing director for consultant relations at Turner Investments in Berwyn, Pa.

Sandra Wilson 89AG, 93M, of Fort Pierce, Fla., a professor of environmental horticulture at the University of Florida Indian River Research and Education Center there, has been elected vice president of the American Society for Horticultural Science's Education Division.

1990s

Timothy Rayne 90BE, of Kennett Square, Pa., a senior partner with the West Chester, Pa., law firm MacElree Harvey, has been named one of the top 100 personal injury lawyers in Pennsylvania and in the Philadelphia region by Super Lawyers, a Thomson Reuters rating service.

Lin Amicucci 91AS, of Monroe Township, N.J., has become a registered yoga teacher after studying and graduating with Dharma Mittra at Dharma Yoga Center in New York City.

Mary Pinkston 91AS, 95EH/M, of Wilmington, Del., who teaches math at Brandywine High School there, received a Presidential Award for Excellence in Mathematics and Science Teaching, the nation's highest honor for math and science teachers.

Kimberley (Jenkins) Daly 92AS, of Burke, Va., has successfully defended her doctoral dissertation in education at George Mason University.

Huey-Jen Lin 92ASPhD, formerly an associate professor in the Ohio State University Medical Center, who earned her doctorate in molecular virology and did postdoctoral work in molecular oncology at Princeton University, has joined the UD faculty as chairperson of the Department of Medical Laboratory Sciences.

Kenneth Nelson 92AS, of Charlotte, N.C., served as a delegate to the Republican National Convention in Tampa, Fla.

Amy Carol Parks 92AS, of Vineland, N.J., has been appointed associate dean of creative arts at Cuyahoga Community College in Cleveland.

Mark Tribbitt 93BE, of Newark, Del., has earned his doctorate in management from Drexel University while participating in The PhD Project, a program designed to create a more diverse corporate America and to diversify the faculty of the nation's business colleges, and has accepted a faculty position at Pepperdine University.

Sean Neary 94AS, of Kensington, Md., a former reporter and editor at *The Review* and most recently communications director for Sen. Kent Conrad of North Dakota, has been named director of communications for the U.S. Senate Finance Committee.

Ryan Cross 95BE, of Wilmington, Del., a certified financial planner, has been promoted to vice president with the financial planning and investment advisory firm Schiavi + Dattani.

Stephen Manocchio 95AS/M, of Wilmington, Del., a technical-area graduate of UD's Professional

Theatre Training Program, was the sound designer for *A Midsummer Night's Dream*, this year's production of the Delaware Shakespeare Festival.

Lisa Reshaur 95AS/M, 98PhD, of Renton, Wash., a director with PwC's (PricewaterhouseCoopers) Risk Consulting Services, received an International Award of Excellence as the Consultant of the Year in business continuity/disaster recovery from the Disaster Recovery Institute, a nonprofit education and certification organization.

Aimee (Milligan) Lala 96AS, 02M, of Garnet Valley, Pa., proposal manager for the engineering, design and consulting firm Pennoni Associates, has been named president of the Philadelphia chapter of the Society for Marketing Professional Services.

Micah Pawling 96AS, of Orono, Maine, recently accepted a position at the University of Maine as an assistant professor of Native American studies and history.

Elizabeth Stapleton 96AS, of Kent, Ohio, an adjunct instructor at Bryant and Stratton College in Parma, Ohio, has earned her master's degree in library and information science from Kent State University.

Ronald Castaldo 97AS, 99HS, of Hockessin, Del., a certified registered nurse anesthetist who works at Anesthesia Services of the Christiana Care Health System and is a doctoral student in nursing science at UD, has received a fellowship from the American Association of Nurse Anesthetists Foundation to support his education and research.

Chris Burgos 99BE, of Hockessin, Del., an investment adviser with Diamond State Financial Group in Newark, Del., was a contributing author of case studies in the new book *Real Life Financial Planning for Physicians* (Thomson Reuters) by Todd Bramson and Jon Ylinen.

Eric J. Herrmann 99AS, of Tampa, Fla., has opened the Eric J. Herrmann Law Firm, focusing on criminal law, in St. Petersburg, Fla.

Between the Covers

New books by faculty and alumni

Joanna L. Arat 03AS, *Images of America: DuPont Theatre*, Arcadia Publishing.

Regina Lee Blaszczyk 90AS/M, 95PhD, *The Color Revolution* (Lemelson Center Studies in Invention and Innovation series), MIT Press.

Cheryl de Jong-Lambert 88AS, co-author with William de Jong-Lambert, *Outdoors with Kids New York City: 100 Fun Places to Explore in and Around the City*, Appalachian Mountain Club Books.

Annette Giesecke, professor of foreign languages and literatures, co-editor with Naomi Jacobs, *Earth Perfect? Nature, Utopia and the Garden*, Artifice Books on Architecture.

Kevin J. Hayes AS89M, 91PhD, editor, *Jefferson in His Own Time: A Biographical Chronicle of His Life, Drawn from Recollections, Interviews and Memoirs by Family, Friends and Associates*, University of Iowa Press.

Ikram Masmoudi, assistant professor of foreign languages and literatures, translation from Arabic, *Beyond Love* by Hadiya Hussein.

Lois Potter, Ned B. Allen Professor Emerita of English, *The Life of William Shakespeare: A Critical Biography*, Wiley-Blackwell.

Scott L. Richardson 09EH, *eleMENTary school: (Hyper) Masculinity in a Feminized Context*, Sense Publishers.

Rachelle H. Saltzman, AS77, *A Lark for the Sake of Their Country: The 1926 General Strike Volunteers in Folklore and Memory*, Manchester University Press.

Hagit Shatkay, associate professor of computer and information sciences, co-author with Mark Craven, *Mining the Biomedical Literature (Computational Molecular Biology)*, MIT Press.

Noëlle Sickels 68AS, *Walking West, The Shopkeeper's Wife and The Medium*, reissued as e-books, Macmillan.

Ingrid Steffensen 94AS/PhD, *Fast Girl: Don't Brake Until You See the Face of God and Other Good Advice from the Racetrack*, Seal Press.

Stanley Weintraub, adjunct professor of English, *Final Victory: FDR's Extraordinary World War II Presidential Campaign*, Da Capo Press.

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For an extensive listing of books by UD faculty, staff and alumni, visit www.udel.edu/udauthors. Authors can also post information about their work on that website.

Have you written a new book? Send the information to TheMessenger@udel.edu, and we'll include it in the magazine's "Between the Covers" listing. ■

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Weiping Wang, Dual degree MBA and PhD in molecular biology, 2009

Michael Kaufmann 99AS, of Wilmington, Del., who teaches science at Concord High School there, received a Presidential Award for Excellence in Mathematics and Science Teaching, the nation's highest honor for math and science teachers.

Susan Eith Mielechowsky 99EH, of Westville, N.J., will serve a two-year term on the board of trustees for the Southern New Jersey Regional Early Intervention Collaborative, a nonprofit agency that supports families and intervention services for young children with delays or disabilities.

Edward Small 99EH, of Bear, Del., is the principal of Academy Park High School in Folcroft, Pa., where he has started the Rising Scholars program that prepares and motivates students for college through a variety of special activities, including spending several days last summer on the UD campus.

2000s

Joshua S. Figueroa 00AS, of Carlsbad, Calif., an assistant professor of chemistry and biochemistry at the University of California San Diego, received the Presidential Early Career Award for Scientists and Engineers, the highest honor bestowed by the U.S. government on scientists and engineers in the early stages of their independent research careers.

Kristin Wasniewski Mumford 00AS, of Hockessin, Del., a former varsity tennis player at UD who had a 12-year career in the pharmaceutical sales industry, has been named director of admissions for Archmere Academy in Claymont, Del.

Courtney (Pierrot) Newman 00BE, of Hillsborough, N.J., a runner who put together an 800-member run-walk team to raise money for a local high school coach with a brain tumor, has now created the volunteer Steps Together, which organizes and promotes charity walks, runs and marathons

for member families and nonprofit organizations throughout New Jersey.

Edward Stoner 00EH/EdD, of Portland, Ore., athletics director at the Multnomah Athletic Club there, was honored as Athletic Director of the Year by the North American Association of Club Athletic Directors, an organization of private, urban-based athletic clubs.

Julie Yeager 00BE, of Cape May Courthouse, N.J., has been named director of sales for The Reeds at Shelter Haven, a boutique hotel resort in Stone Harbor, N.J., scheduled to open next summer.

Shaun Jones 01BE, of Providence, R.I., an investment adviser with Diamond State Financial Group, was a contributing author of case studies in the new book *Real Life Financial Planning for Physicians* (Thomson Reuters) by Todd Bramson and Jon Ylinen.

Jason Maas 01AS, of Philadelphia, an artist whose drawings focus on finding the core expression in human body language, was named the first recipient of the Lyons Wier Gallery Shashoua Residency program, in which he will be provided with studio space in the Chelsea neighborhood of New York for three months and will then be part of a special group exhibition at the gallery next summer.

Elizabeth (Hager) Montanaro 01EH, of Silver Spring, Md., earned a doctoral degree in special education from the University of Maryland and has accepted a position as assistant professor of special education and literacy at the Catholic University of America.

Douglas Waddington 01BE, of Springfield, Pa., who works for Lincoln Financial Group, has earned the Chartered Financial Analyst designation.

Lamont W. Browne 02BE, 04EH/M, 09EH/EdD, of Wilmington, Del., principal of East Side Charter School there since 2011, has led the school's efforts to improve test scores, which showed increases from 28 percent to 49 percent in reading proficiency and from 39 percent to 53 percent in math proficiency.

Alison Kirk 02AS, of Hartly, Del., is the community relations officer for the state of Delaware's Office of Highway Safety, which develops and coordinates numerous public awareness activities focused on topics such as impaired driving, seat belt use, aggressive driving, child passenger safety, pedestrian and bicycle safety, motorcycle safety and teen driving issues.

John R. Kitchin 02EG/M, 04PhD, of Pittsburgh, an associate professor of chemical engineering at Carnegie Mellon University, received the Presidential Early Career Award for Scientists and Engineers, the highest honor bestowed by the U.S. government on scientists and engineers in the early stages of their independent research careers.

Richard J. Dressel III 03AS, of Wilmington, Del., graduated in spring 2012 from Thomas Jefferson University with a doctorate in occupational therapy.

Timothy Jones 03AS, of Philadelphia, has successfully defended his doctoral thesis in physics at Drexel University.

Maryellen Keefe 03AS/PhD, of the Bronx, N.Y., a member of the Humanities Department faculty at the State University of New York's Maritime College and an Ursuline nun, has been promoted to associate professor and awarded tenure.

Sarah Ruiz 03EH, of Washington, D.C., a gerontologist and public health activist for older adults and people with disabilities, has been named deputy director of the National Council on Aging's Self-Management Alliance, which brings together business, nonprofit and government leaders to develop tools for older adults to play an active role in improving their own health.

Wenwu Cui 04AS/PhD, of Cupertino, Calif., recently accepted a position as co-founder and chief executive officer of MedConnections, whose flagship product is the health-care app iPharmacy.

Nikki (Connors) Lavoie 04AS, of Smyrna, Del., recently earned the Accredited in Public Relations credential, the profession's only national postgraduate certification program.

David Rosenblum 04AS, of Los Angeles, is a photographer and cinematographer whose recent projects include his first feature film, *Welcoming Departure*, and a documentary short, *Enter the Beard*, about the World Beard and Moustache Championships.

Edward F. Simon 04AS, of Washington, D.C., a 2012 graduate of Columbia School of Law at Catholic University of America, has been admitted to the Maryland State Bar and is serving as a clerk for a judge in the Circuit Court of Maryland in Annapolis.

Mandy Tolino 04AG, 09AS/M, of Wilmington, Del., an urban forest administrator for Wilmington's Department of Public Works, recently was honored as a mentor in the city's Green Jobs Program.

Carson Henry III 05AS, 08M, of Silver Spring, Md., who served with Public Allies Delaware in 2006 and now is associate executive director with the YMCA of Metropolitan Washington, was among 150

25 states to be invited to the White House in August for a daylong briefing on national service.

Veronica Casina 06AS, of Yardley, Pa., a postdoctoral fellow in pathology and laboratory medicine at the Children's Hospital of Philadelphia, has received a National Institutes of Health training grant for hemostasis and thrombosis research from the University of Pennsylvania.

Matthew L. Robinson 06AS, of Wilmington, Del., a Navy seaman, recently completed the eight-week U.S. Navy basic training at Recruit Training Command at Great Lakes, Ill.

Brandon Byrd 08BE/M, has established his own business in the form of a nostalgic Goodies Frozen Custard truck, which he operates in Washington, D.C., selling gourmet frozen custard from a restored 1952 Metro van while playing music by the likes of Chuck Berry and Elvis Presley.

Jenna Fenstermacher 08BE, of Newark, Del., who served

with Public Allies Delaware in 2009-10 and now is the financial empowerment curriculum coordinator with the YWCA of Delaware, was among 150 AmeriCorps alumni leaders from 25 states to be invited to the White House in August for a daylong briefing on national service.

Andrew Malinak 08EO, 08EG, of Brooklyn, N.Y., completed the Manhattan Island Marathon Swim in June, finishing ninth in the 28.5-mile course around the island with a time of 8 hours and 8 minutes.

Jessica Hewins Kelly 09HS, of Rockville, Md., has received her doctor of physical therapy degree from Stony Brook University, where she was awarded the Graduate Honor Award as valedictorian with a 4.0 GPA, and now works as a physical therapist in Bethesda, Md.

Mark Richardson 09AG/M, of Narragansett, R.I., has been named horticulture director and curator of plants for the New England Wild Flower Society in Framingham, Mass., where he oversees all


horticultural activities at the society's botanic garden, Garden in the Woods, as well as research and development work at Nasami Farm.

Caroline Crocker 11AS/M, of Philadelphia, an acting graduate of UD's Professional Theatre Training Program, performed the role of Hippolyta/Titania in *A Midsummer Night's Dream*, this year's production of the Delaware Shakespeare Festival.

Jennifer L. Huber 12BE, of Wilmington, Del., has joined Belfint, Lyons and Shuman as a staff accountant in the certified public accounting firm's tax and small business department.

Andrea Klenotiz 12AS, of Newark, Del., attracted some national media attention when she applied scientific principles learned as a biological sciences major to the fictional wizards in the *Harry Potter* series, resulting in a six-page paper she sent to author J.K. Rowling to explain how the wizardry gene might function in the Potter universe. ■

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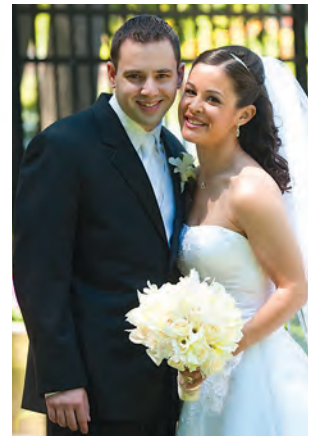
Commitments



**Kristen MacGorman 06AS
to Brendan Boylan 06AS,
June 2, 2012**



**Kelly Walsh 01EH to
Brian Coughlan 00BE,
April 14, 2012**



**Erin Albeck 06EH to Ziv
Abramowicz 06BE, July 17, 2011**



**Ritika Samant 09AS to James
Parris 06AS, June 12, 2011**



**Sarah Catherine Robinson 08HS
to Daniel Francis Larocco 08AS,
April 21, 2012**



**Jessica Frumer 08HS to Bryan
Bailey 06BE, June 25, 2011**



**Michelle Berman 02AS to
Gregory Gagliano 04AG, Oct.
23, 2011**



**Erin Nichole Wagner 06AS to Ian Joseph
Derstler, June 9, 2012**



**Jessica Melzer 03HS to Anthony Pricci 04BE,
May 5, 2012**



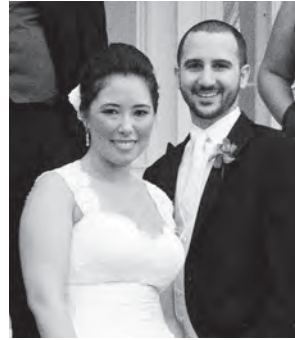
**Rachael Juhls 09AS to John Meyers Jr. 08AS,
June 9, 2012**



Kristen Sabran to Nicholas Gennarelli 00HS, May 5, 2012



Amanda Hess 06EH to Kennie McPeek, July 13, 2012



Amanda J. Beavers 07AS to Jordan Liftin 07AS, Sept. 24, 2011



Paula Thomas 76EH (right) to Jackie Palmer, Feb. 8, 2012



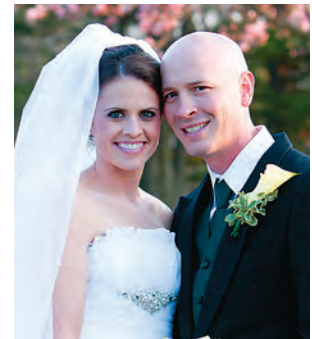
Marianna Melnikova 09BE/M to Viktor Hlazau, Nov. 11, 2011



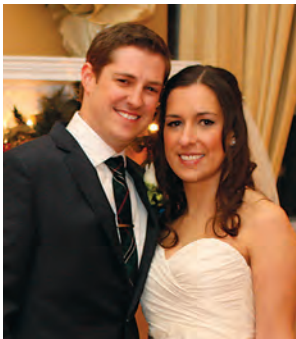
Ashley Evors 07AS to Michael Bruninghaus, Oct. 29, 2011



John Klein 04EH (right) to Tommy Fisher, Feb. 18, 2012



Kelley Gilbert 04EH to James Hanzely, March 17, 2012



Megan Elizabeth McIntyre 03HS to Christopher John Woods, Dec. 11, 2011



Jennifer Lee 09HS, 11M married Daniel Rigby 09AS, Oct. 8, 2011. Among those attending were, all from left, front row: Jennifer and Daniel; second row: Ashlee Miller 09EH; Megan Grau 09HS, 12M and Ann Mancuso Rigby 74EH; third row: Kathleen Hickey Kunkle 74BE; Earl Kunkle 76AS; Mallory Squires 09EH; Michael O'Brien 78AS; Kathryn Marro 10AS; Lindsay Johnson 11AS; Antonia Pizzadili 09AS; Kari Browning Kelly 09HS; Casey Howard Shelor 10EH; Jeremy Kriss 09AS; Bradley Crowell 09BE; Michael Argyrou 10BE; Allyse Orsini 10AS; Matthew Johnson 09EG; Brittany Dempsey Newman 10HS; Kimberly Procak Rigby 94AS and Kimberly Graff Arnott 02HS; fourth row: William Piser 10EH/M; Philip Taylor 08BE; Matthew Shelor 10EH; Colin Dobbins 10HS, 12M; Daniel Boone 06AS and Reese Rigby 93AS, 97EH/M.

Aliza Israel 04AS
to
Stephen Schauder,
July 17, 2011

Kathleen Kissane 04BE
to
Scott Bixler,
Sept. 17, 2011

Jacqueline Kandel 05BE
to
Jourdan Bestak 07BE,
April 21, 2012

Attention, newlyweds

The *UD Messenger* will announce alumni weddings and will include photos of the couple, and one group photo per issue, whenever possible. All announcements and photos should be sent within one year of the ceremony to alumnet@udel.edu and include full names and graduation years. If you submit a group photo, consisting of all UD alumni, you may also submit a photo of just the bride and groom. We can accept only digital photos in which the original image is a high-quality jpeg, at least 300 dpi and at least 2-by-2.5 inches for a couple and 3-by-5 inches for a group.

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*Specializing in:
Problems of the hand, wrist, forearm
and elbow*



Brian J. Galinat M.D.
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*Specializing in:
Sports medicine, knee and shoulder
surgery*



Douglas A. Palma M.D.
UD '91
*Specializing in:
Sports medicine, knee and shoulder
surgery*



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NEW ADDITIONS



James Lynch, born April 3, 2012, to Stacey L. Muzzi 99BE and Dominic Muzzi 99BE, of Newark, Del.



Jesse, both Aug. 10, 2011, to Kelly McConnell 96AS and Jon Cox 98AG, of Unionville, Pa.



Henry Everett, born June 16, 2012, to Shelley (Cook) Mix 08AS/M and Troy D. Mix 04AS/M, of Urbana, Ill.



Jameson Ryan, born March 22, 2011, to Christine Manning Cook 04AS and Alan Cook 05AS, of Edgewater, Md.



Lily, born Nov. 2, 2011, to Karen Pestritto 02HS and Vincent Pestritto 01AS, of Columbus, Ohio.



Noah Robert, born March 1, 2012, to Erika Gunter 03EH and Robert Gunter 03AS, of Wilmington, Del.



Madison Abigail, born Dec. 20, 2011, to Tracee Sosinski Myers 02AS and Matthew Myers 02BE, of Collegeville, Pa.



Morgan Paige, born July 20, 2010, to Jill Carpency Keenan 96BE and Mike Keenan 96BE, of Ellicott City, Md., shown with big brothers Ryan Casey and Gavin Reed.



Landon, born Feb. 22, 2012, to Kelly Hendon Clark 02EH and Doug Clark 01AS, of Ellicott City, Md., with siblings Hailey and Keegan.



Reid Robert, born Sept. 3, 2011, to Meghann Kreiger Stamps 00AS, 04EH and Andrew Stamps 01EG, of Breinigsville, Pa., with siblings Gwyneth Pearl and Coleman Brooks.

NEW ADDITIONS



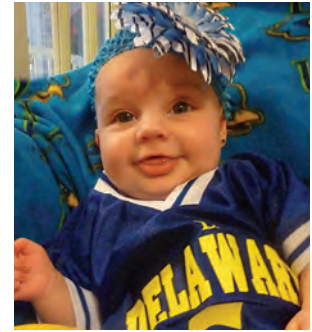
Emma Amelia, born Feb. 29, 2012, to Laura Yonych Pellegrino 02HS and Dominic Pellegrino 02EG, of Bethlehem, Pa.



Chaden, born Sept. 15, 2011, to Bryn Phillips 02EH and Michael Phillips 03AS, of North East, Md.



Maxwell Glenn, born Oct. 5, 2011, to Joanne M. Hilburn Sonnichsen 97AS and James Sonnichsen, of Baltimore, Md.



Filomena Rileigh, born Jan. 10, 2012, to Ariana N. Capizzi Brauer and Shaun M. Brauer 01AS, of Salem, N.J.



Ryan Garrett, born Aug. 16, 2011, to Emily Pulick Carrino 00AS, 02M and Garrett Carrino, of Bellmore, N.Y.



Adelaide Sophia, born Sept. 2, 2011, to Kim McGlade Lomax 00AS and Ian Lomax, of Portland, Ore.



Nicholas, born July 24, 2012, to Kathryn Peacock Russo 01EG and Anthony Russo, of Collingswood, N.J.



Patrick Allen, born Nov. 15, 2011, to Megan Wilski-Schneider 06AS and Paul Schneider, of Thornhurst, Pa.



Ethan Louis, born Oct. 21, 2011, to Lissa K. Weigert 02AS, 05DPT and Erich C. Weigert 02EG, 07M, of Newtown Square, Pa., with big brother Liam Jackson.



Victoria Rose, born April 5, 2012, to Maria D'Aguiar Cobb 99EH, 02M and Goodwin Keener Cobb IV 98AG, of Newark, Del., with big brothers Goodwin and Eddie.



Parker Chapman, born March 16, 2012, to Tami Hutchison Lunsford 98AS and John Lunsford, of Newark, Del., with big brother Carter Thomas.

Attention, parents

Birth announcements and photos for the *UD Messenger* should be submitted to the Office of Alumni Relations, alumnet@udel.edu, within one year. Please include the birth date and the parents' graduation year(s) and college(s).

The *Messenger* will publish as many baby photos as possible, but due to space limitations and reproduction-quality requirements, we are not able to publish every photo that is submitted. To have your photo considered for publication, it must meet these minimum requirements:

- Photos must be in color.
- Photos must feature babies wearing UD or Blue Hen attire.
- We can accept only digital photos. The original image file must be a high-quality jpeg, at least 300 dpi and at least 2-by-2.5 inches. If a larger file is available, please send that and we will reduce it as necessary.

Even if we are unable to use a photo we receive, we will announce the new arrival in the "New Additions" section of Class Notes.

NEW ADDITIONS



Anna Grace and Sophia Kate, born Sept. 22, 2011, to Jill Bentz Tesoriero 01BE and Vincent Tesoriero 01BE, of Havertown, Pa.



Erica Taylor, born Nov. 15, 2011, to Kelly Kenney Fritz 00HS and Brian Fritz, of Upper Darby, Pa., with big brother Nathan Wyatt.



Gavin William, born June 10, 2012, to Jason Clarke 01AS and Lisa Clarke, of Newark, Del., with big brother Dylan Michael.



Declan Samuel, born March 1, 2012, to Tricia Sweet and Sam Sweet 90AS, of Sicklerville, N.J., with big sister Kayla Grace.



Elliott William, born Dec. 18, 2011, to Jennifer Mizak Bechtel 98EH and Marc Bechtel, of Reading, Pa.

Austin Henry and Finley Brian, born Sept. 2, 2012, to Suzanne Bart Doucette 01AS and Jarrod Doucette, of West Lafayette, Ind.

Graham Caldwell, born Aug. 12, 2012, to Charlotte Graham Zacharkiw and Stephan Zacharkiw 99BE, of Mount Pleasant, S.C.

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IN MEMORIAM

Helen D. Woerner 34EH, of Bear, Del., June 15, 2012

Margaret E. Hallett 36AS, of Wilmington, Del., Sept. 2, 2012

Charles R. Baker 40EH, of Seaford, Del., Sept. 23, 2012

Eugenia C. Clendaniel 40EH, of Milford, Del., July 7, 2012

Richard E. Mai 40AG, of Silver Spring, Md., June 8, 2012

Sarah J. Carre 41AS, of Fullerton, Calif., Sept. 5, 2012

Jane F. Drake 41AS, of Newark, Del., Sept. 3, 2012

Carmela M. Fahey 41AS, of Hockessin, Del., July 21, 2012

Gladys Steele Helm 41EH, of Hockessin, Del., Sept. 26, 2012

Mary D. McFarlin 41HS, of Bear, Del., July 11, 2012

Domenic A. Panariello 42EH, of Wilmington, Del., Sept. 22, 2012

Martha E. Brandriff 43EH, of Pitman, N.J., May 23, 2011

Eugene D. DiSabatino 43EG, of Chapel Hill, N.C., July 4, 2012

Margaret L. Duus 45AS, of Washington Depot, Conn., July 17, 2012

Earle W. Leaman 48EG, of North Port, Fla., July 16, 2012

Frank A. Murray 48AS, of Sharpsburg, Ga., June 14, 2012

Frederick Ashworth 49AS, of West Chester, Pa., July 29, 2012

Willis F. Groome 49EG, of Lewes, Del., Sept. 3, 2012

Robert R. Volkman Sr. 49EG, of Wilmington, Del., April 10, 2012

Ethel I. Anderson 50AS, of Toms River, N.J., July 19, 2012

Elroy C. Avery 50AS, of Louisville, Ky., Sept. 15, 2012

Edward L. Grinnan 50AS, of Indianapolis, June 25, 2012

Charles S. Joanedis 50EG, of Glen Mills, Pa., Sept. 20, 2012

Robert F. Kelleher 50AS, of Salt Lake City, July 22, 2012

Sherman C. Longacre 50BE, of Wilmington, Del., June 19, 2012

Kenneth Y. Ryan 50EG, of Cincinnati, Ohio, Aug. 1, 2012

Bernard Freedman 51AS, of El Cerrito, Calif., Sept. 11, 2012

Alfred Lanci 51EG, of Pawleys Island, S.C., June 20, 2012

Alice-Jean B. McFarlin 51EH, of Longboat Key, Fla., Sept. 30, 2011

Jack Tebo 51AS, of Tucson, Ariz., Jan. 21, 2012

Robert L. Wagner 51AS, of Niantic, Conn., June 5, 2012

William S. West 51EG, of Baltimore, Md., Nov. 2, 2011

Holly M. Dianich 52HS, of Newark, Del., June 2, 2012

Kenneth A. Thompson 52AG, of Catonsville, Md., June 11, 2012

J. Randall Nichols 53AS, of Wilmington, Del., Dec. 10, 2011

William B. Swann 53AS, of Wallingford, Pa., Aug. 9, 2012

Harry J. Amling 54AG, of Opelika, Ala., July 30, 2012

William Kramedas 54BE, of Rehoboth Beach, Del., Aug. 25, 2012

Claude R. Foster Jr. 55AS, of West Chester, Pa., Sept. 14, 2012

Genevieve M. Paxson 55EH, of Chalfont, Pa., Jan. 26, 2012

Eugene Gill 56AG, of Ambler, Pa., July 28, 2012

Richard B. Howell III 57AG, of Cape Coral, Fla., Sept. 12, 2012

Doris M. Morris 58EH, of Wilmington, Del., April 6, 2011

James M. Roe 58HS, of Six Mile, S.C., Sept. 5, 2012

Wayland A. Shands Jr. 58AG, of Auburn, Ala., June 11, 2012

C. Kirk Banks 59EG, of Laurel, Del., June 9, 2012

Albert A. Botelho 59AS, of Newark, Del., July 17, 2012

George W. Jacobs 59EH, of Elizabethtown, Pa., June 1, 2012

R. Scott Wilson 59AS, of Salisbury, Md., June 1, 2012

Rosemarie S. Bauer 60AS, of Ann Arbor, Mich., July 15, 2012

Geoffrey E. Plunkett 60AS, of Middlebury, Vt., June 26, 2012

John T. Lamb Jr. 61AG, of Darlington, Md., Sept. 7, 2012

Robert R. Marshall 62AS, of Fortescue, N.J., June 9, 2012

Ann H. Stokes 62EH, of Ellendale, Del., Aug. 26, 2012

Harry H. Young Jr. 62EH, of Wilmington, Del., June 26, 2012

Patricia D. Brown 64AS, of Wilmington, Del., January 2012

President Emeritus E.A. Trabant



Edward Arthur Trabant, the 22nd and 24th president of the University, died July 20, 2012, after a brief illness. He was 92.

“E. Arthur Trabant guided the University of Delaware through a crucial stage in its development into a national university,” UD President Patrick T. Harker said. “When he stepped down as president a second time in 1990, the University was a much different institution from the one

he came to in 1968—with nearly twice as many undergraduates, a range of innovative academic programs and an expanded physical campus.”

President Trabant’s 19-year first term, from 1968–1987, was one of the longest presidencies of a major university in modern times. He led the campus through a period of tremendous growth of both the student body and physical plant. Undergraduate enrollment rose from less than 7,500 to more than 15,000, new academic programs were developed, and the campus added residence halls, classrooms and research buildings.

“E. Arthur Trabant came to the University of Delaware in the late 1960s, a time of campus unrest coupled with the rapid expansion of the student body and faculty,” said noted Delaware historian Carol Hoffecker, Richards Professor Emerita of History.

“From the first, he demonstrated leadership skills that turned these difficult circumstances into great opportunities for the University and for the state of Delaware. . . . The University of Delaware, its students and faculty and our state owe a great debt of gratitude to this courageous, visionary and humane individual.” ■

Edward V. Karl 64AS, of Arlington, Va., May 25, 2012

Barbara G. Carson 65AS, of Williamsburg, Va., Oct. 21, 2011

John F. Houston Jr. 65EG, of Plano, Texas, July 3, 2012

Richard A. Kiel 65BE, of Nashville, Tenn., Sept. 5, 2012

Scott W. Nixon 65AS, of Kingston, R.I., May 21, 2012

Thomas S. Roy Jr. 65BE, of Bonita Springs, Fla., Aug. 25, 2012

Melvin G. Sweigart 65AS, of New Holland, Pa., June 10, 2012

Charles V. Wilkerson 65EG, of Milford, Del., July 10, 2012

John J. Burke Jr. 66AS, of Wilmington, Del., Sept. 13, 2012

Annette L. Jacobs 66HS, of Boynton Beach, Fla., July 14, 2012

Roy C. Timmer 66AS, of Hockessin, Del., Sept. 11, 2012

Cynthia Cary Fessman 67AS, of Stuart, Fla., Aug. 11, 2012

H. Richard Gaumer 67AS, of New Orleans, July 5, 2012

Gerald A. August 69AS, of New York, N.Y., Sept. 2, 2012

Jo Ann Barnard 69EH, of Wilmington, Del., June 13, 2012

John F. Hagee Jr. 69BE, of Williamsburg, Va., Sept. 17, 2012

John M. Fulop Jr. 70BE, of Griffin, Ga., June 12, 2012

Eileen Orga 70AS, of Wilmington, Del., Aug. 5, 2012

Judith S. Richmond 70EH, of Wilmington, Del., Aug. 10, 2012

J. Frederick Smith 70BE, of Wilmington, Del., July 15, 2012

Steven Arimoto 71AS, of Springfield, Pa., July 27, 2012

Harry B. Chin Jr. 71AS, of Rutherford, N.J., Aug. 6, 2012

Thomas K. Dickson 71AG, of Tyrone, Pa., Aug. 31, 2012

David D. Klinger 71BE, of St. Pete Beach, Fla., Feb. 16, 2012

Colette A. Molloy 71AS, of Newark, Del., July 6, 2012

Elaine F. Statham 71EH, of Dover, Del., June 16, 2012

Rhoda H. Trexler 71EH, of Hockessin, Del., June 30, 2012

Albert W. Bullock 72EH, of Bishopville, Md., March 6, 2011

Frederick F. Frosch 72AS, of Indianapolis, April 16, 2012

Deborah L. Cebinka 73HS, of Wilmington, Del., June 3, 2012

Deirdre N. Chimenti 73AS, of Wilmington, Del., Sept. 5, 2012

Mary L. Fox 73BE, of Wilmington, Del., July 11, 2012

Edna L. Wilson 74EH, of Portola Valley, Calif., Dec. 27, 2009

Michael J. McGee 75AS, of Milford, Del., July 7, 2012

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Robert E. Potter Jr. 75AS, of Wilmington, Del., Aug. 29, 2012

Andrew N. Yatzus 75AS, of Wilmington, Del., July 9, 2012

Judith R. Barker 76AS, of Wilmington, Del., Sept. 15, 2012

Walter E. Willing 77EG, of Catonsville, Md., July 28, 2012

Donna G. Swan 78BE, of Landenberg, Pa., Aug. 29, 2012

Thomas R. Tarker 78AS, of Newark, Del., June 27, 2012

Laura R. Towber 78AS, of Houston, Texas, July 20, 2010

Carl B. Ziegler Jr. 78AS, of East Lyme, Conn., Aug. 15, 2012

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Jeffrey D. Conway 86BE, of Newark, Del., Aug. 28, 2012

Susan M. White 86AS, of Holyoke, Mass., June 20, 2012

Karen O. Andrews 87BE, of Oxford, Pa., June 9, 2012

Susan J. Eberle 87EH, of Broomall, Pa., July 6, 2012

Theresa B. Myers 87EG, of Baltimore, Md., July 5, 2012

Michael A. League 88BE, of Manor, Texas, Sept. 20, 2012

Jill M. Mossbarger 88EH, of Sandy Hook, Conn., Sept. 19, 2012

David A. Schlecker 88AS, of Wilmington, Del., July 6, 2012

Thomas M. Williams Jr. 88AS, of Absecon, N.J., Nov. 15, 2009

Randall M. Giles 91AS, of New York, N.Y., Aug. 12, 2012

Brian L. Ware 92AS, of Wilmington, Del., July 17, 2012

Joseph J. Casey Jr. 93BE, of Dover, Del., Sept. 6, 2012

Joel F. Mays 93AS, of Hollywood, Fla., July 27, 2012

Saurabh A. Palkar 94EG, of Audubon, Pa., May 1, 2012

Robert M. Eber 95EG, of Lynnwood, Wash., Aug. 6, 2012

Karin A. Weiner 95EH, of Wilmington, Del., Aug. 12, 2012

FACULTY

William Innes Homer, H. Rodney Sharp Professor Emeritus of Art History, the first chairman of the Department of Art History from 1966–81 and a nationally recognized scholar, teacher and connoisseur who retired in 2000, July 8, 2012.

Mary Beth Kramer, AS76M, an instructor in the Department of Chemistry and Biochemistry since 1986, where she was an integral part of the 103/104 General Chemistry courses, teaching some 800 students in numerous sections each semester, Oct. 13, 2012.

Allan McMaster Thompson, associate professor emeritus, who joined the faculty of the Department of Geological Sciences in 1967, Aug. 27, 2012. ■

Isabel E. Whitaker 95EH, of Christiansburg, Va., April 23, 2011

Daniel E. Lubeck 96AS, of North Brunswick, N.J., Oct. 23, 2011

Carole Sue Evans 98HS, of Hilton Head, S.C., Aug. 20, 2012

Stephen C. Shisler 98AS, of Claymont, Del., Aug. 20, 2012

Aaron E. Kimel 01AS, of Roanoke, Va., June 15, 2012

Jennifer D. Young 04AS, of Houston, Texas, June 20, 2012

Jonathan P. Gould 05AS, of Bayside, N.Y., July 20, 2012

Jessica V. Tyrol 10BE, of Ringoes, N.J., May 15, 2012. ■

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Check out the *Messenger* online at www.udel.edu/UDMessenger.

POSTMASTER: Send address changes to University of Delaware Messenger, Academy Building, 105 East Main St., Newark, DE 19716.

Coast Day gives kids a chance for up-close look at critters



KATHY F. ATKINSON

Young Coast Day visitors (above, from left) Nicholas Ahern and Kelsie Yu watch with interest as Hongwu Yu reaches out to examine a crab at the Touch Tank exhibit. The children were among thousands of visitors of all ages who turned out for UD's 36th annual Coast Day festival in October.

Organized by the College of Earth, Ocean, and Environment (CEOE) and Delaware Sea Grant at the Hugh R. Sharp Campus in Lewes, the event offered engaging, family-friendly activities and showcased marine and environmental initiatives involving UD scientists and their partners. Plenty of University researchers were on hand to explain what they do through hands-on displays, poster presentations and demonstrations in labs and outdoor tents. Wind energy, climate change, microbial scales, algal blooms, ocean sounds and crab ecology were just a few of the many topics covered.

"Coast Day is a wonderful opportunity to demonstrate our commitment to the First State and the citizens of our nation," CEOE Dean Nancy Targett says. ■

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION

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Copies not distributed	1,631	1,725
Total	118,258	152,000
Percent paid/requested circulation	100%	100%

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