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UNIVERSITY OF
DAYTON
Magazine
AUTUMN 2011



FAITH & TENACITY
CURRAN, CAMPUS AND COMMUNITY

LENS CRAFTERS
REMEMBERING 9/11
RIVER STEWARDS



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Cover: Daniel J. Curran, University of Dayton president
Photograph by Larry Burgess
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Campus horticulturist Roger Banks counted 1,545 trees on campus this summer. See more of them in our album of aerial photos at [facebook.com/magazine](https://www.facebook.com/magazine). (Facebook account not required to view.)

COMMENTARY BY DANIEL J. CURRAN
PRESIDENT, UNIVERSITY OF DAYTON

The power of community

A journalist recently asked me about the University of Dayton's remarkable growth during my presidency.

As I enter my 10th year as president, I'm grateful to lead a university that's been extraordinarily well-managed for more than 160 years. I inherited a university on an upward path from Brother Ray Fitz, S.M., who led UD into the modern era with a blend of pragmatism, boldness and humility.

In the spirit of our Marianist founders, our faculty and staff have embraced change at a pace some might consider astounding for higher education. Our local, state and national leaders have rallied around our knack of seeing the possibilities — whether it's the transformation of a brownfield or the launching of centers of excellence in emerging high-tech fields.

We've accomplished the extraordinary because of the ingenuity, leadership and buy-in of a community of supporters on campus and beyond.

That's how we were able to nearly double the size of campus through two major acquisitions from NCR Corp. and then attract a new GE Aviation research center. Seizing opportunities, our faculty and researchers have doubled the sponsored research volume by developing expertise in emerging fields like sensors and alternative energy. We've changed our marketing strategy and dramatically increased selectivity and the geographic diversity of our student body. This fall, we're enrolling the largest number of international students in history and opening a stand-alone institute in China in one of the fastest-growing innovation parks in the world.

Those are all achievements our faculty, staff and students accomplished by reading the signs of the times and acting boldly. It's just the Marianist way of working together as a community to make change that has created a real difference in the way the University is perceived in the world. I'm inspired — and gratified — by their tireless work.

Alumni tell me they're proud of the new residential and academic facilities on campus, but it's the everyday moments that strike me the most.

When a professor or student shares news of winning a Fulbright scholarship, I feel so proud. When an alumnus visits campus after decades and catches the spirit of innovation and the infectious energy of this place, that renews me. When a group of Chinese students tells me they feel at home here — that this is their community — I'm gratified. When our alumni and friends respond with gifts, large and small, that help us grow our endowment and become a stronger university, I'm motivated to set our aspirations higher.

The strength of the University of Dayton is — and will always be — the strength of our community. Nowhere is this more creatively communicated than in the lobby of Albert Emanuel Hall. If one prospective student stands in front of the new motion-sensitive iWall in our admission welcome center, only one vignette of a larger video pops up. If a group is talking to one another in front of the wall, a surprising panoramic view is created. It sends the message that we learn, live, pray and solve problems together — in community. And great things happen when we do that.

As I reflect on the University of Dayton's future, I believe we are poised to make a quantum leap into the realm of world-class universities. Just as we prepare students with the ability to adapt and thrive in a changing world, we've positioned our university to do the same.

We will not be followers, nor will we embark on this journey by ourselves. In the Marianist spirit, we will imagine our future and, together, create it.



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LETTERS

DARTH MILLER

I enjoyed the article on new men's head basketball coach Archie Miller ["Strong Suit," Summer 2011]. As a current University of Arizona season ticket holder, I can confirm his hire was a great one for UD.

However, the cover photo of the coach is simply horrid! I like the proclaimed "ornery" nature of the coach, which should be to UD's advantage, but making him look like Darth Vader on the cover was a huge mistake.

—DONALD A. MOUNCE '95
GREEN VALLEY, ARIZ.

My husband and I are both alumni, and we had the same impression of the cover of the magazine. It was terrible! The photo of Archie Miller looks like a mug shot. A black background for someone with dark hair and a dark suit makes his face very stark and menacing. I had to look inside at the article to discover that he is actually a nice-looking young man.

The campus photo you had on the back of the cover would have been a better choice.

—CAROLE O'BRIEN HRASTAR '68
SPRINGBORO, OHIO

STAYING POWER

I enjoy the articles in the magazine and, every once in a while, I catch a name that stirs old memories. "The Next Big Thing" [Summer 2011] spoke of an experiment that engineering students were performing that involved possible light movement in a completely dark room. In 1963 (plus or minus a year), Wright-Patt paid students to do a similar experiment — I imagine the data from our responses would still be available and possibly useful in the current experiment.

—JIM LABEAU '65
ISLAND LAKE, ILL.

HAPPY EASTER

Great summer issue. However, tell Mr. E. Cavallaro '07 ["Free on the Inside," Summer 2011] that the weather on Easter morning might be "dreary," but the morning itself can never be!

—GORDON HONEYMAN
DAYTON

FACEBOOK FAN

The *UD Magazine* Facebook page [facebook.com/udmagazine] is very interesting to me, primarily because of the great, current photos of ongoing campus projects, e.g., Stuart Field, Brown/Caldwell apartments, GE R&D center and more. The facilities management site has construction project updates, but Facebook's helicopter photos are really special and are particularly interesting and informative. I love it!

—BILL NIGHAN '61
MANCHESTER, CONN.



INSTANT NOSTALGIA

Makes me want to go through school all over again. :)

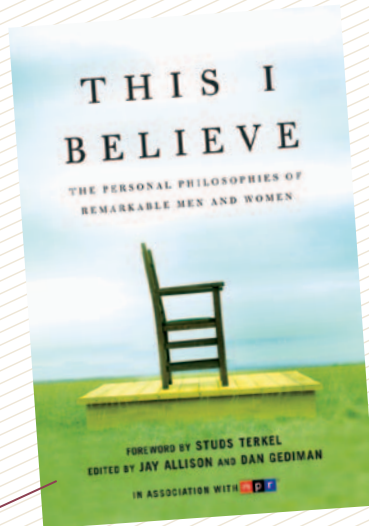
—KRISTIN O'CONNELL '11
DAYTON

O'Connell sent this note via Twitter in reply to a tweet about an album of aerial photos posted on our Facebook page called "What Superman Saw." Twitter followers can find us @daymag.

HOUSE PROUD

Sunday afternoon I was sitting at the kitchen table relaxing with a cold iced tea and my *University of Dayton Magazine*. I always scour the issues from cover to cover looking for memories and connections of my days at UD. First, I look for letters to the editor and the "Conversation Pieces." Next are

See **Letters**, Page 12



This I Believe

FIRST-YEAR READ

Sometimes it's important to know not just what you believe, but why you believe it. That's the thinking behind the selection of *This I Believe* as the text for the 2011 First-Year Read. Incoming undergraduates read the book in preparation for New Student Orientation. There, intentional discussions in community about personal philosophies became the starting point for their years at UD.

Not quite home cookin'

KANELACAFE.COM

Because of a random encounter at a golf course, Chicagoans can start their day right — with chocolate-covered bacon on waffles with bourbon sauce. Chris Cowan '05 and Jack Dybis '91, who met by chance when Dybis asked to join Cowan's golfing group, opened Kanela Breakfast Club on Valentine's Day 2011. The breakfast spot four blocks south of Wrigley Field caters to young professionals, new families and the area's medical professionals, who often have odd schedules. But get there early on weekends. "We always have a line out the door Saturdays and Sundays," Cowan said.

If walls could talk

THIS ONE CAN

Visitors to the typical university admission office are greeted by comfy couches. At UD, they're greeted by an immersive experience. A new interactive video wall, installed this summer in Albert Emanuel Hall, invites visiting families to step up and interact with a 36-foot-wide wall that asks provocative questions and offers glimpses of campus life in videos activated by guests' movements. "It's a great way to get the conversation about UD going," said Kevin Schultz '09, assistant director of University marketing and digital innovation.

Game night

FAMILY WEEKEND

Is there a more social game than cornhole? Organizers of Family Weekend, which will be Nov. 4-6 this year, think not. Many families agree, said Dave Ostrander, associate director of campus recreation, who organizes the Friday night cornhole tournament. It draws more than 150 players on average, he said, with a single-elimination format that can last up to three hours. "It's a big hit every year," he said. "It starts them off well for the weekend."

Long-distance calls

INTERNATIONAL SPACE STATION

Annie Doty got quite a present for her 73rd birthday. On March 1, she and about 20 family members — including daughter Cari Coleman Hopkins '88, Cari's husband Mark Hopkins '86 and nephew Garrett Coleman '11 — gathered at UD's Technologically Advanced Cognition Lab so that astronaut Cady Coleman, Cari's sister and Annie's daughter, could join them from the International Space Station via a 4-foot video screen. They got a tour of the space station and a chance to sing an extraterrestrial "Happy Birthday."

'Starry Messenger'

4 ADELE LOUNGE

When electronic media major María Elena Badillo '13 and design major Erin Bolles '13 were given a theme — "science of the future" — they turned it on its head with a blast from the past. The summer artists in residence at ArtStreet produced a series of panels inspired by '50s comic book science fiction, with Badillo contributing words and Bolles creating the visuals. Now in its sixth year, the artist-in-residence program has meant a lot of new art for campus. This year's pieces include everything from a soundscape in Roesch Library's stairwell to anatomy-themed paintings outside the doctor of physical therapy program's classrooms.

Värav!

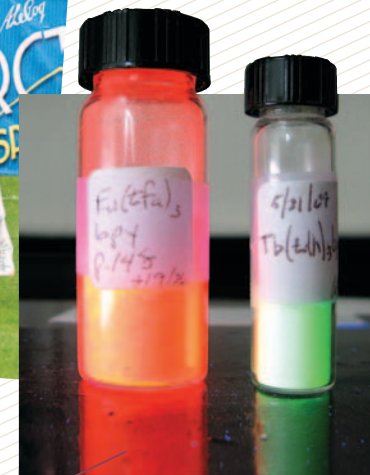
(OR "GOOOOAL!" IN ESTONIAN)

Junior midfielder Colleen Williams — the A-10's 2010 Offensive Player of the Year — has a new weapon on offense going into this year: incoming sophomore Katrin Loo. Loo brings unique experience — three goals scored in international competition. The forward has 22 appearances and three goals for the Estonian national women's team. Her two most recent goals came during a 3-0 victory over Lithuania in the 2011 Baltic Cup in May. Here's hoping Loo and Williams find the back of the net early and often at Baujan Field. *Värav!*

Luminescence

SCIENCE CENTER

The sun might have been shining outside all summer, but the lab of associate chemistry professor Shawn Swavey was glowing inside. While many of their friends took a summer break, Samantha Viviani '12 and Carmen Parnell '12 joined a couple of dozen undergraduate students spending the summer on campus doing research, their housing costs funded through a grant from the College of Arts and Sciences. The pair worked with new compounds to study the effects of certain molecular components on their luminescent properties, the kind of research that down the road could lead to better techniques for probing tumor sites.



"It's a sign that the pastoral needs are sufficiently grave now that priests are speaking up and saying, 'Wait a minute, you can't just ignore the pastoral consequences of the things you do and say at the top.'"

—PROFESSOR DAVID O'BRIEN, COMMENTING IN THE NEW YORK TIMES ABOUT A LETTER FROM 150 AMERICAN PRIESTS SUPPORTING PRIESTHOOD FOR WOMEN AND MARRIED MEN

"Not only do our students need to go out to the world, the world needs to come to our students."

—SUNDAR KUMARASAMY, VICE PRESIDENT FOR ENROLLMENT MANAGEMENT, DISCUSSING UD'S 200 PERCENT INCREASE IN INTERNATIONAL STUDENT ENROLLMENT OVER THE LAST DECADE

"It's like looking at a scary movie."

—TRACY HARMON, ASSISTANT PROFESSOR OF MANAGEMENT AND MARKETING, SPEAKING ABOUT NEW FDA-MANDATED ANTISMOKING IMAGES ON CIGARETTE PACKS

"After a while I realized my job was a lot bigger than just winning. You see guys graduate, and after awhile a lot of them come back with their families and they talk about the influence you had."

—FORMER UD FOOTBALL COACH MIKE KELLY, WHO WAS INDUCTED INTO THE COLLEGE FOOTBALL HALL OF FAME JULY 16. SEE STORY PAGE 14.

CONVERSATION PIECES

Science facts, science fiction and a breakfast to die for

How to wait for an organ donation

In 2002, Theresa Bakum '78 was diagnosed with glomerulonephritis, an incurable kidney disease. Proving that patience is indeed a virtue, nine years later she is still waiting for a kidney transplant. Though the wait has been long, Bakum has spent it with grace. Here's how to handle the passage of time:

1. Stay positive Bakum puts out good vibes, praying and believing that when it's the right time and the right match, it will happen. "You have to have a great attitude or every day it'd be miserable."

2. Keep busy "Do other things that make you happy. Keep active; otherwise you're home and thinking about it 24/7, which really puts you in a funk." Bakum is an avid reader, swimmer and practitioner of yoga.

3. Understand your body Follow doctor's orders. Try to stay as healthy as you can. "The most important things: Be aware of your body and pay attention to what you do."

4. Don't be afraid to ask for help "I always did things on my own and didn't want to rely on anyone. Realize you're sick and can't do it all yourself. My friends really rallied around me; people really do care about you."

5. Be open Anyone could be a potential donor. Ask people their blood type. "I always talk about it. You never know when someone will say, 'Oh, I'm interested.'"

6. Appreciate what you have "Everybody has a challenge in life to take. You just go with that. You can still live, even regulated by a machine. It's not the worst-case scenario."

—Meredith Hirt '13



How to break the ice with a fellow Flyer

Michael Pedley '98 will be meeting more alumni than ever in his life in the coming months and years. Recently named assistant vice president for alumni outreach, he leads a staff charged with engaging all of UD's 103,000 alumni and inspiring them to stay connected to and support their alma mater.

All of which raises an interesting question — just how do you spark the conversation with a fellow Flyer? Pedley and his staff, among them Anita Brothers, Tracie Johnson '08 and Teresa Perretta '09, offer their tips:

1. Look for the best porch in the neighborhood The love of porches that students develop at UD follows them when house-hunting and beyond, Brothers said. "UD alums have fantastic porches. I've had so many show them off to me."

2. Talk about Dayton travel deals The perfect spot to get away with your Flyer friends now flung across the country? For a lot of alumni, it's Dayton, Perretta said. "I love hearing from alumni that they vacation in Dayton."

3. If you see Flyer attire, don't be afraid to shout "Go Flyers!" Anywhere. An obvious one, but easy, too. In the airport, out shopping, at the beach — if they're wearing their support, show yours. "There's never shame in yelling 'Dayton!' anywhere," Johnson said. Look at it from their viewpoint — you'll make their day.

4. Name-drop your street, your service, your intramural glory Even across generations, the chances of shared experiences



are very high at UD, Brothers said. Virtually everyone lived on the same few streets, visited the same chapel and calls "Learn. Lead. Serve." the UD motto (even though it isn't officially — that's "Pro Deo et Patria"). We're a community, in part, because we all know a lot of the same things and share UD's Marianist spirit.

5. Step back and let the story flow "At UD, we value listening as much as talking, the mark of the friendliness and openness everyone feels across campus. We also want to know how UD has carried us forward and remained part of us," Pedley said. When one UD alum meets another, there's really no ice to break.

—Matthew Dewald

STUART HALL, UDSAP AND SAYING THE 'HAIL MARY' ... ASK A MARIANIST

How busy can a brother be? Right now, Brother Tom Pieper, S.M. '67, is filling in as resident campus minister at Marycrest while still ministering to the needs of Stuart Hall, where he has worked for 15 years. He coordinates the nine-week UD Summer Appalachia Program in Salyersville, Ky. And he's taking suggestions for the UDSAP 50th anniversary reunion, less than three years away. Email him ideas at Tom.Pieper@notes.udayton.edu.

What is your favorite part of ministering to first-year students in Stuart Hall?

—DANIEL ZIDEK '13
UD STUDENT

When students first come here, they have left everything. I believe the Marianist spirit and charm really offers them a place of welcome. For the first month that's my main goal — get to know as many names as possible. I try to be proactive, inviting students to deepen and share their faith by being leaders on retreats, leaders of faith-sharing communities, leaders of community-building activities in my residence hall. I love this ministry. It uses lots of my natural gifts and gives me an opportunity to help them grow in their faith and in the person they want to become. And, since I live in the student neighborhood, I can continue to be present to these students as they move on in their four years at UD.

How has the renovation of the Chapel of St. Joseph the Worker enhanced the campus ministry in Stuart Hall? And are you also still playing sand volleyball?

—NICK POHLMAN '00
GENEVA, ILL.

Our chapel moved from the back of Meyer Hall to the front where the dryers and washers were located. The chapel used to be a rectangle with burnt orange carpeting. Now, when you walk in, it's a beautiful sacred space to have liturgy and pray — stained glass, sacred furnishings and

wooden liturgical pieces made by Brother Gary Marcinowski. And because of its location, many more students have come to celebrate. It's a great sign of our Marianist and Catholic presence.

As for volleyball, I watch, maybe take a few swipes at the ball.

Why did you initially begin moderating UDSAP? What has kept you coming back every summer?

—NICHOLE DAVIS '06
INDIANAPOLIS

Kentucky is my home state. Going back and being present to my state is valuable to me. When I first went down to fill in for Sister Nancy Bramlage, I just fell in love with the place and what they're doing. It's a unique service experience in that the 14 students are involved with the

lives of the people — through a day camp, teen center, nursing home visits and family visits — and that has changed me a lot. We really do learn that Appalachia is not just a place where poor people live. We know the faces and the names. Knowing the people, we can be advocates for them. And we live simply — we have a great outhouse.

I feel like the poor have such terrible needs in our current economy, and many political leaders seem to be the worst enemies of their most desperate constituents. What can be done?

—MARILYN STAUFFER KAPLE '69
SUMMERVILLE, S.C.

Do research and listen to the volunteer organizations in your community that can instruct you on how to help financially and how to be involved because we are all just part of this great community. At UD, we challenge students to have experiences of being with and living with the poor. Later in life, students who have had these experiences change the way they live, vote and look at the needs of others.

When was "Holy Mary, Mother of God ..." added to the "Hail Mary"?

—ROBERT CORGAN
MADEIRA, OHIO

The first parts are scripture from the Gospel of St. Luke — Gabriel at the Annunciation and Mary

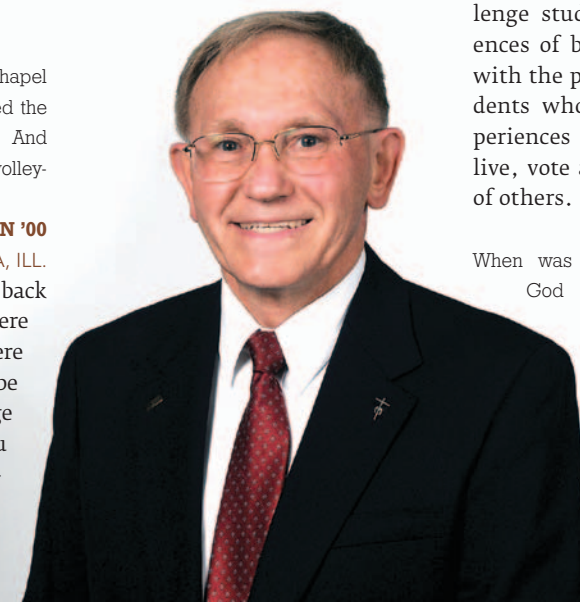
and Elizabeth at the Visitation. They were said by monks before the 10th and 11th centuries. In 1196, the bishop of Paris ordered all the clergy to teach these Marian verses to all the people. Why not add an intercession for all of us? No one knows who wrote it but, by the 1500s, this intercession was already the tradition.

Is there a difference between Marianists who are brothers and those who are priests?

—BILL LORENZ '84
NAIROBI, KENYA

We all call one another "brother," and that's an important thing because the Marianists have an equality between brothers and priests. Some brothers have a desire to perform the sacred liturgies and preach the word of God. We as a whole group of brothers work to discern where the spirit is moving in their lives and how to carry out Mary's mission of bringing Christ into the world. We all have gifts and we discern how to use those gifts for the community.

For our next issue ask FATHER JIM FITZ '68, vice president for mission and rector and former assistant provincial of the Marianist Province of the U.S. His office is coordinating UD's celebration of Chaminade Year, running through January 2012. EMAIL YOUR QUESTION TO MAGAZINE@UDAYTON.EDU.



FLIGHT DECK

News from campus and beyond



Among the best

The Princeton Review again ranks the University of Dayton in the top 15 percent of the best institutions for undergraduate education in the nation and the Midwest. The 2012 Review says the University of Dayton is "known for friendly students, strong academics and Flyer basketball" as well as being "academically challenging yet unpretentious [and] casual, yet fun."

'A valuable university'

Electronics giant Sony listed the University among its 10 "valuable universities" for professional development of its employees. The move adds UD to the list of choices available to Sony employees who receive sabbaticals to attend a university in the U.S. for a year. Sony made the move with an eye on cameras, said Keigo Hirakawa, assistant professor of electrical and computer engineering. Hirakawa runs UD's Intelligent Signal Systems Laboratory, where he works on improving digital cameras, remote sensing and 3-D displays.



Four years of free textbooks

With three simple steps, students in next year's entering first-year class can receive up to \$4,000 over four years toward their textbooks.

- 1** Step
Apply.
- 2** Step
Visit campus.
- 3** Step
Complete the financial aid form.

It's that simple, as long as they do it all by March 1, 2012.

The goal is to offer families considering UD some clarity and certainty about one piece of the college cost puzzle, said Kathy McEuen Harmon, assistant vice president and dean of admission and financial aid.

It's also a strong incentive to visit campus. "We know if we get students on campus, they can see and feel if the University of Dayton is right for them," Harmon said. "We can begin understanding who they are and exploring their financial needs."



Media Hits

■ An international gathering of theologians at the University in May resulted in three stories in *National Catholic Reporter*. The stories covered remarks by, among others, UD professors Dennis Doyle, Mark Ensalaco and Leslie Picca about the issue of exclusion in religion.



■ Did the "CSI effect" have an influence on the verdict in the Casey Anthony trial? Law professor and jury expert Thaddeus Hoffmeister tackled that question in an opinion piece on CNN.com two days after the verdict.

■ Voice of America turned to new UD law school dean Paul McGreal for comment when the U.S. Supreme Court struck down a California law banning the sale of violent video games to minors. "The Supreme Court said we're going to decide what counts as speech and then leave it up to private individuals, not the government, to decide what speech they want to see and want to view."

■ CNN en Español turned to Mark Ensalaco twice in recent months, once for comment on Honduras' entry into the Organization of American States and again as a guest on the Sunday evening talk show "Choque de Opiniones" to discuss President Barack Obama's exit strategy from Afghanistan. The channel reaches 30 million people in North and South America.



■ Does cloud computing make sense for large organizations like, say, a major university? *College Planning & Management* turned to associate provost and CIO Tom Skill for comment. "With 10,000 students, 3,000 employees, 58 buildings, 165 virtual servers, 250 physical servers and campuswide systems that are talking with each other, it's more complicated to move into the cloud than it appears," he noted.

Students at the Statehouse

Mini quiches and bacon-wrapped water chestnuts were just two of the delights on the table in the atrium of the Columbus Statehouse the evening of June 29 at a reception marking the end for the summer of UD's new Statehouse Internship Program.

Before eating, a dozen UD students gathered in an unnamed conference room to share their experiences of interning for various Ohio government officials during the past six weeks.

The discussion was upbeat, from sharing the lighter moments of cleaning a taxidermy fish for a representative for use during a speech to the more somber experience of visiting a shelter for human trafficking victims.

"As an intern I thought I'd just be filing, but I went along on all sorts of cool things," said Rebecca Young '12, who worked for Gov. John Kasich. The other interns nodded, all pleasantly surprised at the level of their duties.

Rep. Clayton Luckie of Dayton is known for his aversion to social media. When Kevin Sheehan '12 announced, "I convinced him to use Facebook and Twitter," the students laughed. Many of them used such tools as part of their work on communications teams while also doing the more traditional work of contacting constituents and writing speeches for their representatives or senators. "Hearing Representative (Teresa) Fedor read something on the floor that I wrote was amazing," Liz Mitchell '13 said.

Making it all run well was the job of Eileen Austria '81, UD state advocate and program coordinator. "I held my breath when I made the first calls at three weeks," she told the students, "but without exception your supervisors were pleased." It was good news all around for the program aimed at not only giving internship opportunities to students but also increasing UD's profile in Columbus.

Before choosing among the assorted oversized cookies for dessert, there was longer-term talk of possible careers in politics. Bethanie Joseph '12 said, "It's something I wouldn't have put myself in, but now I could see myself do it since I've had a taste of it."

The students unanimously considered the program "phenomenal," and the food was, too.

—Meredith Hirt '13



May we have this dance?

Dayton Contemporary Dance Company has returned to campus as community artist in residence, a collaboration that not only brings world-class dance to campus but also helps students tap into their creativity in non-arts fields, said Paul Benson, dean of the College of Arts and Sciences.

"In an era in which education in STEM [science, technology, engineering and math] fields rightly has a high priority, we are looking for ways to liberate and develop students' creative imagination," Benson said. "DCDC is a powerful educator in the art of creative thinking."



CHRISTINE BATES '12

The iPod kid

Can uploading videos on YouTube cover tuition? For one UD student, the answer is yes.

But these aren't just any videos, and this isn't just any kid. Bill Cooper '14 calls himself "The iPod Kid," and his videos — mostly reviews of applications for Apple's iPod, iPhone and iPad — have been watched more than 6.3 million times. That puts him in the top .002 percent of YouTube's 48 million accounts. That, in turn, puts him in the top 1,000.

"I'm a full-time student, and I have one of the coolest jobs for a kid my age," he said.

Yes, YouTube fame is a job. Cooper's videos review the latest mobile apps, tech products and accessories. His income comes from the advertising YouTube requested to put on his page



when his popularity jumped.

And for Cooper, YouTube fame was nearly instantaneous. By a stroke of luck in 2008, he became the first person in Ohio and one of the first in the country to purchase a second-generation iPod Touch. He went home, hung his family's digital camera from a golf club and filmed himself unwrapping the product and using it. By the time he got home from school the next day, his seven-minute video had more than 100,000 hits. He was 16 years old.

Now he lives the life of a regular college student, but in a corner of his room there's a small mobile studio: a handheld camera, a tripod and a fold-out background. The average video takes him about 20 minutes to

make and upload and averages between 10,000 to 20,000 hits. Success breeds success. "I was able to buy more and more products to review, companies saw it was going well, so they started sending me products to review," he said. "Before you know it, I'm paying for one of the best colleges in the world with just my YouTube money. That's a pretty sweet deal."

The Lord be with you, and with your spirit

The University is offering a free podcast and low-cost online course to help parishioners adjust to changes to the Roman Missal coming to Masses in the United States on Nov. 27.

The next course session, offered through UD's Virtual Learning Community for Faith Formation, begins Sept. 25 and lasts for five weeks. More information is available at <http://vlc.udayton.edu>.

The free podcast, "Beyond the Words," is available through iTunes at <http://bit.ly/qALyhe> or online at <http://bit.ly/pCGv3C>.

The changes are the first major update to the Roman Missal in 36 years. They include a number of new translations of well-known responses and acclamations of the people during Mass.

Chilling effect

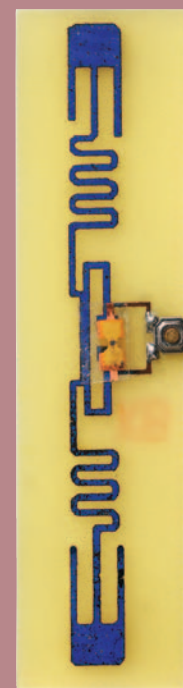
Geologists call the Himalayan glacier "the third pole" because it contains more ice than anywhere in the world outside the polar regions. As the glacier and seasonal mountain snows melt, they feed the rivers of the Himalayan foothills, including the mighty Indus River, so it is little wonder that this geological reality is also a geopolitical and economic issue for regional powers India, Pakistan and China.

With their growing populations and economies comes a need for more energy production, says Umesh Haritashya, a UD geology professor who co-edited *Encyclopedia of Snow, Ice and Glaciers*, an exhaustive reference released in June that contains the latest research on this vital component of the earth's systems.

"They have started building and planning large numbers of hydropower plants in the foothills of the Himalayan Mountains," Haritashya says, noting that the right to build such plants on the Indus River has become a recent source of conflict in already tense relations between India and Pakistan.



GUILHEM VELLUTTI/wikimedia commons



SMART thinking, applied

A Moraine, Ohio, company is commercializing the RFID technology developed by UD Research Institute researcher Bob Kauffman and reported in the Spring 2011 issue of the magazine ["SMART, Indeed"]. American Thermal Instruments licensed the technology to develop and manufacture monitors to report unsafe temperature changes in products as disparate as fruit and train wheels while they are in transit.

He, robot

Because we have nearly 100 trillion neural connections knocking around our skulls, no current supercomputer has the power to simulate the human brain. But UD researcher Tarek Taha is having fun trying.

The associate professor of electrical and computer engineering has worked his way up to modeling about half a billion neurons — the size of a mouse's brain — by clustering together 300 PlayStation 3 game systems at the U.S. Air Force Research Laboratory. He is working on expanding the cluster to include all of the 1,716 PS3s in his lab as he looks for ways to make computers mimic human brains for possible applications such as self-driving vehicles and smart robots in hospitals.

A related issue is all of those electrical outlets. Proteins and sugars, so energizing to the human brain, are useless for computers.

"A human brain consumes about 20 watts of power, while the PS3 cluster consumes megawatts," he said. "The brain is very efficient at what it does."



Tarek Taha



Just add water(colors)

The visual arts program has a new home. This summer, the University completed renovations of 33,000 square feet of space in College Park Center, consolidating visual arts spaces across campus. With high ceilings and reclaimed hardwood floors reminiscent of a city-center loft, the new space includes faculty offices, classrooms with banks of windows providing natural light, painting studios with specialized ventilation systems, a ceramics kiln, long hallways with wallboard for displaying projects and an art gallery.

Rike Center, once home to visual arts and before that chemistry labs and the women's gymnasium, is going global. In 2012, it will house the Center for International Programs.

Steady as she goes

"Run like an old lady" — as a headline it was neither helpful nor gracious, but the publication was *Men's Health*, after all. The story it reported was new research by UD health and sport science professor Paul Vanderburgh, a national expert in fitness generally and marathon running in particular.

Vanderburgh analyzed the pacing of hundreds of marathon runners — particularly whether they maintained a steady pace, started slow to save energy for later, or came out more quickly than they would later finish.

He found that runners who kept a more consistent pace — and they tended to be female, faster and older (and perhaps wiser) — had better overall finishing times.

"Men, particularly young men," Vanderburgh said, "tend to go out fast and blow through their carb stores."

It is a lesson in careful pace planning. Not quite slow and steady wins the race, but a reminder that, in the long run, level-headed planning often wins out over well-meaning enthusiasm.



One in 10

About one of every 10 UD students this fall comes from another country, said Sundar Kumarasamy, vice president for enrollment management. The total international enrollment — more than 1,000 international students — marks a record high for the University. Roughly half are from China.

This year's incoming class numbers 2,050, about half of whom come from outside Ohio. They include four students from Roswell, Ga., whose families rented a huge recreational vehicle and a van, decorated in Flyer red and blue, to make the 500-mile journey to Dayton together.

"When we found out we were all headed to UD, ... we said, 'Let's make a memory out of this,'" said Eileen Cunningham, mother of first-year student Dan.



Start me up

With a soft launch in July, *University of Dayton Magazine* became among the first alumni magazines in the country to be available as an iPad app. Apps for the iPhone/iPod Touch and Android devices are also now available, all free.

The interactive editions offer multimedia features and hyperlinks that bring alive the sights and sounds we report in print. This issue, for example, you can paddle the waters of the Great Miami River with the River Stewards, see inside the lab of Panagiotis Tsonis, and visit Salyersville, Ky., with Meryl Makielski '11 and the students of the Summer Appalachia Program. Class notes remain available only in the print issue.

The University of Dayton joins a small number of university magazines now available as apps, including Emory, Stanford, Cornell and Loyola Marymount universities. The move is part of a general trend among commercial magazines, hundreds of which are now available as apps, to appeal to changing reader habits by supplementing print issues with the convenience and capabilities of digital presentation.



On iPad



On iPhone/
iPod Touch



On Android

Happy 103rd birthday

As a boy in Columbus, Ohio, Brother Frank Deibel, S.M., made the lifelong decision to become a Marianist because it "would be one good way to save my soul." It seems to have suited his body just as well.

On Aug. 13, he celebrated both his 103rd birthday and 85th jubilee of religious profession at the Chapel of the Immaculate Conception. "About the 103rd birthday, I'm not excited about it," he said. "It's what the good Lord gave me."



Letters, from Page 3

the articles. And, eventually, I make my way to the back of the magazine to the class notes. Here, I immediately turn to the sections for my span of years, which I carefully read. My last portion of time is spent reading the short articles inserted within the "Class Notes" section. This is my favorite part of reading the magazine. I am proud of my UD education and proud to see the stories of those who came before and since my years there. The UD sense of family swells within my heart even if (as in most cases) I do not know the fellow alum featured.

Well, one cannot imagine my surprise when I turned the page and there, on Page 48, was a picture of a student house ["My Old House 1992-93," Summer 2011]. I did a double take. Yes, it was [236 College Park!] The next thing I knew my phone was in my hand, and I was calling my roommate!

With watery eyes I read her the article. That house had wrapped its arms around the five of us girls our junior and senior years and held us tight. Like the young men 20 years after us, we pooled our money for groceries and ate meals together as a house. We also took turns cooking and rotated the cleaning chores weekly. And many nights we sat together at the dining room table typing papers due the next morning. During our years there, the house was also a center of activity with people dropping in constantly, sometimes to socialize, sometimes to study.

It warmed me to read that 236 is still wrapping its arms around students and teaching its lessons. It warmed my heart even more to find that other students felt the same as we do about 236. 236 is a great humanitarian!

My days at UD are some of my best and happiest times. I treasure the education I earned and the friendships that I made in those years. I feel very fortunate and have great memories. Thank you to the young student who wrote this article for resurfacing the emotions and memories that dwell within me. Thank you, UD, for the best education that a university can offer. And, thank you, 236, for the same!

—SUSAN KOSHOFFER HOBBS '71
SURPRISE, ARIZ.

Have thoughts about what you read this issue?

PLEASE SEND YOUR LETTERS TO:
University of Dayton Magazine
300 College Park
Dayton, OH 45469-2963
magazine-letters@udayton.edu

Please include your city and state. Indicate whether you wish your email address printed. Letters should not exceed 300 words. *University of Dayton Magazine* may edit for clarity and brevity. Opinions expressed are those of the letter writers and not necessarily of this publication nor the University of Dayton.

"While on a backpacking trip throughout Europe to celebrate senior year," writes Kate Poli '11, "we stopped in Zermatt, Switzerland, for hiking that provided beautiful views of the Matterhorn." From back to front, Megan Stewart '11, Katy Richards '12 and Poli.



Kathleen Rocco '92 writes that she "learned how to scuba dive at UD. After a 17-year hiatus, I put on my mask, fins and tank in 2008. My last plunge in November 2010, I attempted to read the UD Magazine at Sipidan Island, Borneo. ... I want to remind my senior-year dive buddies that it's not too late to get back in the water."



2004 graduate and current MBA student Greg Hyland, back right, sent a photo of UD MBA students in Hong Kong. The trip was part of the MBA's Peace Through Commerce elective course.



Amy Askins '96 and husband Chris Schairbaum '95 snapped this photo in Vatican City a few days after the beatification of Pope John Paul II. "We enjoyed a week in Rome. Go Flyers!" writes Askins.



Tarek Kamil '90 writes, "We took Archie down to New Zealand with us a couple of weeks ago. This picture was taken off the coast of Kaikoura while whale watching." From left to right, Phil Doepker '67, Bonnie Weber Doepker '67, Kelsey Kamil, Kayla Kamil, Nikki Doepker Kamil '92 and Tarek Kamil.



Chul Kim McGuire '86 writes, "In July 2011, the UD Magazine traveled on the road with me and my twins on a 4,000-mile road trip," including this stop at Fort Zachary Taylor, Key West, Fla.



David Bushroe '93 writes, "My daughter, Kylie '14, and I climbed the highest peak in Maine: Baxter Peak on Mount Katahdin. It is the northern terminus of the Appalachian Trail. Here we are reading at 5,267 feet. Kylie loves UD!"

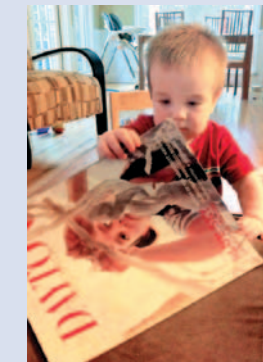


"I first studied/lived in Costa Rica with UD's International Study Abroad Summer Spanish Program," writes Jessica Schulte '09. "Every summer since, I've lived and worked in Costa Rica for the same language immersion school where I studied. Gooooo Dayton Flyers!"



WHERE ARE YOU READING UNIVERSITY OF DAYTON MAGAZINE?

Future Flyer Joseph McCarron, son of Kevin '99 and Jessica Jewell McCarron '03, takes in a little light reading in his living room in Atlanta. Joseph turns 1 Sept. 16. Happy birthday! Hope you like this issue.



Eight alumni (plus one magazine) traveled to Honduras to provide clean drinking water technology to several villages. Pictured are Justin Kuhbänder '09, Kelly Kaufman Kuhbänder '08, George Peterson '08, Beth Huelskamp '09, Brian Berger '12, Marissa Dolle '09, Brad Doudican '04, and Jill Cibik Doudican '03.



Mark Anderson '88 and Jennifer Kincaid '13 read on the balcony of the Speaker of the House John Boehner at the Capitol in Washington, D.C. Mark is chief of staff for Rep. Lee Terry (Neb.), and Jennifer was a summer 2011 intern. "The Dayton magazine never leaves my side," writes Mark.



Where are you reading *University of Dayton Magazine*? Send us a photograph — at home or abroad — to magazine@udayton.edu.

The right fit

Coach Mike Kelly takes his place in the College Football Hall of Fame

Coaching, Mike Kelly observed, can be a “crazy business. Sometimes you do well and you move. Or, you don’t do well. And you move.”

Kelly came to UD 35 years ago and hasn’t moved.

He did take a recent trip to South Bend, Ind., to be enshrined in the College Football Hall of Fame on July 16. Nearly 5 million people have played college football. The Hall of Fame has fewer than 1,100 members. Kelly has done well.

When he received word of the Hall of Fame honor, he talked to his wife, Jeanne, about it; they agreed, he said, “that this is neat stuff for us and the University.” Also “neat” for the University are Kelly’s post-coaching contributions to UD. His role now as senior associate athletics director is to oversee 16 of the 17 Flyer sports — all except men’s basketball — as well as the offices of athletics information and academic services.

He spends much of his time with student-athletes. “When I travel with a team, I’m not involved in the details of buses and hotels and such,” he said, “so I can observe student-athletes, what their needs are.”

His work also includes helping with budgets, scheduling, fundraising and recruiting as well as mentoring young coaches. He soon learned administration is very different from coaching.

“As a coach,” he said, “life was structured. I’d make a list in the morning and check it off through the day. In administration, you can have your list. But it means nothing.”

What a day holds for him now is largely determined by what comes through his door. Kelly said that for about a year he viewed these interruptions in routine as problems. “Now I see them as opportunities,” he said, “a couple of opportunities coming through the door each day.”



The right fit for Kelly, center, is a Hall of Fame jacket, size 40 Regular.



Kelly’s former quarterback, Super Bowl-winning coach Jon Gruden ’84, joined him at the induction ceremonies.

Missing from his life as an administrator is the high of a big win — and the low of a loss. One day in his post-coaching life he came home after attending a game by one the Flyer sports teams.

“How was it?” Jeanne asked.

“Oh, we lost.”

She pointed out to him that was not how he would have phrased it when he was coaching.

Besides the highs and the lows, Kelly said, he also misses “recruiting and identifying who was a good fit for us.”

Fortunately for him and the University, coaches seek him out to schedule time with visiting prospects and their families. “I don’t try to sell us,” he said. “I just tell our story.”

No institution, he said, is going to tell a prospect, “Come here and get a lousy education.”

So rather than try to sell the University by expounding on how wonderful it is, Kelly emphasizes to prospects the importance of seeing a fit between

themselves and UD.

“It’s all about fit,” he said.

And he tells prospective student-athletes of a way to go about making a good decision. “If they don’t have a notepad,” he said, “I give them one and tell them to take notes. I tell them to do it the old Ben Franklin way. Make a list of plusses and minuses about the University for you.”

He admitted that “some people see that as old school. It is old school. But it works.”

—Thomas M. Columbus

Winning character

“With three national championships and seven national Coach of the Year awards to his credit, Mike Kelly is the winningest coach in Football Championship Subdivision history winning 82 percent of his games. With 27 years and a 246-54-1 all-time record at Dayton, Kelly places among the top 20 for coaches across all divisions in both wins and winning percentage. ... He is the only Flyers coach to receive Dayton’s Lackner Award, which is awarded to a member of the university community who demonstrates high character in service to the school.”

—from The National Football Foundation & College Hall of Fame announcement of its 2011 class

Sports briefs

For the third year in a row, the Flyer volleyball team earned the Team Academic Award from the American Volleyball Coaches Association. The Flyers are just one of three teams among last season’s top 15 to earn the award, which recognizes teams with cumulative GPAs of 3.3 or higher. The other top-15 teams were Stanford and UC-Berkeley. The Flyers entered this season ranked No. 19 nationally.

Six Flyers received Arthur Ashe Jr. Sports Scholar Awards, which recognize dual achievement in academics and athletics by minority undergraduate students. The six Flyers are

- Clara Ang — mechanical engineering, women’s golf
- Casey Nance — marketing, women’s basketball
- Patrice Lalor — electrical engineering, women’s basketball
- Jerica DeWolfe — international studies, women’s soccer
- Andre Crawford — operations management, football
- Robert Salcedo — entrepreneurship/finance, men’s tennis

Flyer teams led the Atlantic 10 in the final 2010-11 Division I Learfield Sports Directors’ Cup Standings, which awards points based on each institution’s finish in up to 20 sports. Individually, UD had eight conference Performers of the Year, five Student-Athletes of the Year, four conference Coaches of the Year, six Capital One Academic All-Americans and three other All-Americans.

The NCAA men’s basketball championship will again begin at UD Arena



for at least the next two seasons, the NCAA announced in June.

“With [Virginia Commonwealth] going from Dayton to the Final Four last year, there’s a brand to build, a theme to embrace, a storyline of hope to sell for the NCAA,” wrote Matt Norlander, a columnist for CBS Sports.

“And with every other round rotating sites each year, it’s good that University of Dayton Arena can lay claim to this.”

In 2013, UD Arena will also host second- and third-round games. The Arena, the most-used tournament venue in NCAA history, has hosted 87 tournament games during the last 41 years, including the start of each championship since 2001.

“This gives us a real opportunity to cement the First Four in Dayton for years to come,” Tim Wabler, vice president and director of athletics, said. “It’s our goal to make Dayton as synonymous with the First Four as Omaha is with the College World Series.”

Up-to-date Flyer schedules, records and rosters are available at daytonflyers.com.



Kelsey Miller, front, taking her time in Togo

Eyes on the bigger picture

Senior Kelsey Miller has a lot going on. She’s a pre-med major and central defender for the women’s soccer team who spent a month in Togo, Africa, this summer as a medical intern. Yet she knows none of it is about her.

“Whether you are on the field or volunteering, the bigger picture is that you are a part of something great,” Miller said. To contribute to that picture, she traveled with Projects Abroad to Lomé, Togo’s capital, to shadow a doctor in the pediatric center of Tokoin Lomé University Hospital Center and visit local orphanages.

Though Miller was very busy, there wasn’t necessarily a schedule to follow. “No one knew what time it was,” she said. In the United States, “people have to do this, this, this, and it’s so chaotic. Over there, we could slow down. Patience is now a virtue I possess.”

Along with patience, Miller’s experience taught her how fortunate she is. Though visiting the orphanages was her favorite part of the internship, it was also the saddest. She interacted with kids who had no idea how seriously ill they were. It was difficult to know that, after she left, their conditions weren’t going to change. She talks of returning after she’s spent a couple of years practicing medicine.

“I want to figure out what I’m doing first,” she said. “I want to go back when I can actually make a difference.”

A month in Togo taught her not to worry about the little things, a big-picture mentality that lends itself to her soccer career. Being a teammate, Miller said, is a lot like being a volunteer.

“Being part of a team really teaches you how to work with others and remember that you are just one piece of the puzzle. On a team you are working for your teammates, which is what a volunteer does. They give their time and skills to help others.”

—Meredith Hirt ’13



Seven-story-high steel tridents — part of the original facade of the Twin Towers at the World Trade Center — rise inside the museum pavilion at the National September 11 Memorial.

By
Shannon Shelton Miller

9/11

A decade later, the nation and UD look back

Marc Wieman '78 appears at the beginning of a video for the National September 11 Memorial & Museum at the World Trade Center, where he shares an anecdote about his wife's decision to stay in New York City the night of Sept. 10, 2001. The Wiemans lived in Rockville Centre, on Long Island, but Mary had a late client dinner near her office and an early meeting the next morning.

His wife never returned home.

Mary Catherine Lenz Wieman '80 worked for Aon Corp. in 2 World Trade Center. At 9:03 a.m., Sept. 11, 2001, United Airlines Flight 175 slammed into her building, the south tower, just 16 minutes after American Airlines Flight 11 hit the north tower. Fifty-six minutes later, the south tower was gone, and the north tower would follow at 10:28 a.m.

"When I turned around, I watched that building collapse," he said later in the video. "At that moment, I knew that she was not coming home." Wieman would travel the nation years later to raise funds for the memorial and increase awareness of that day's tragic events, hoping to ensure that future generations would never forget how it changed the nation. Outside the greater New York area, where many lost loved ones, Wieman worried that Sept. 11 was becoming "just another day."

"The museum and memorial are important," Wieman said. "There's a whole generation of kids where the phrase 'post-9/11' is all they know. [My travels] were to explain how life was before. Not just mine, but everyone's."

That pre-9/11 world was one where airports casually screened passengers and let family and friends follow fliers to their gates and greet them there when they returned. The economy was booming and military engagements in the Middle East felt to many like swift affairs with quick results.

It was also a world where, on Sept. 10, 2001, 2,976 people participated in the routine of everyday life — going to work, attending religious services, planning vacations, marrying, raising families and contributing to their communities — for the last time. Six of them were University of Dayton alumni.

The names of those 2,976 individuals, along with six who died in the 1993 World Trade Center

bombing, now sit, inscribed in bronze panels, on a permanent structure in New York City at the former site of the Twin Towers.

Dedication of the memorial took place during a ceremony for victims' families on the 10th anniversary of the 9/11 attacks, and a public opening was scheduled the following day.

Along with the six University graduates, all of whom died at the World Trade Center, many more friends, family members, spouses and associates of University alumni faculty, staff and students were lost in the terrorist attacks that day in New York, Washington, D.C., and Pennsylvania. For example, Eugene Steuerle '68 lost his wife, Norma, in the Pentagon and founded Our Voices Together, a nonprofit organization of 9/11 families.

A museum of artifacts and details about the events of Sept. 11 accompanies the memorial, which consists of two reflecting pools with bronze panels edging the structures. The north pool contains the names of those who died in the north tower or on Flight 11, along with the 1993 victims.

The south pool lists those who died in the south tower, at the Pentagon, on Flight 175, on American Airlines Flight 77, which crashed into the Pentagon, and United Flight 93, which crashed into a field in Shanksville, Pa. First responders are also listed on the south pool.

Settling on an appropriate way to list the names was no easy task. Alphabetically didn't seem right. Some kind of chronological order didn't make sense either. Names were divided based on occupation or location at the time of death. From there, victims' family and friends could request that their loved ones' names be engraved in proximity to the names of others with whom they shared a special connection.

In some cases, connected names represented family ties. In others, there were bonds between co-workers and friends. A few placements involved people who didn't know each other before that tragic day but who perished together as they attempted to help one another.

The names of all of the UD graduates appear on south pool panels.

■ Kristin Irvine-Ryan '93, whose name sits in space S-51, is linked to other co-workers at the investment banking firm Sandler O'Neill & Partners. Family members and friends who live in the Dayton area continue to operate Secret Smiles, a charity Ryan started in New York to help women in need. Today, the organization provides beds

and cribs to women in the Miami Valley. "I celebrate her life through Secret Smiles," said sister Tracy Irvine Janess '87.

■ Alfonse Joseph Niedermeyer II '83 worked for the Port Authority Police Department as an officer in commercial vehicle inspection. His name occupies S-28 with other first responders. Niedermeyer was a 16-year Port Authority veteran who previously risked his life to save passengers of USAir Flight 405, which crashed in the icy waters of Flushing Bay in 1992.

■ Mary Lenz Wieman was a marketing executive at Aon, one of the companies hit hardest by the World Trade Center attacks. Her square, S-59, contains co-workers from Aon. Family members of Bermuda native Rhondelle Cherie Tankard, an Aon co-worker, requested that Tankard's name be placed next to Wieman's, Marc Wieman said.

■ William Eben Wilson '65 was an insurance broker at Aon. His name is engraved on S-61 with other Aon employees.

■ David Wiswall '69 was a senior vice president at Aon. His name occupies S-55 with other Aon employees. Surviving co-workers said in news stories that after the first plane hit the north tower, Wiswall helped his colleagues evacuate the south tower by getting them to the stairwell and holding the door open.

■ Joseph J. Zuccala '68 appears at space S-44 with co-workers from Fuji Bank, where he worked as a consultant. The bank had offices on the 79th-82nd floors of the south tower, part of the area where Flight 175 made a direct impact. Family and friends established a scholarship in his honor at the University, named for Zuccala's fraternity, Delta Gamma Omega.

As for Marc Wieman, he's spent the past decade raising three children and working to make life as normal as possible, learning to live with the grief but not spending their time "living in that place," he said. Mary's birthday and Sept. 11 will always remain difficult, but there have been bright moments, such as his remarriage two years ago to wife Stephanie.

His work with the Sept. 11 memorial has been beneficial, and he praised the foundation's design work. The panels don't all contain the same number of names, and the placement of the names on each square is not symmetrical.

That randomness is purposeful, he said.

"Conceptually, I like the design," Wieman said. "Everyone didn't die in neat, orderly fashion."

By
David O'Brien

9/11 Then and now

This month we share memories of Sept. 11, 2001. We historians know that there is history and history, what happened and our stories about what happened. For example, referring to moving photographs that caught the experiences of 9/11, Garrison Keillor wrote: “The mainstream media seized upon inspirational and patriotic images, such as the picture of three fireman (placing the flag on the mound of rubble); thus began a sort of mythification of the day.”

But theirs was not the only story. While national leaders prepared for war, many Americans paused in wonder amid the pain. We met people who lost loved ones, each with a story, we attended and heard about remarkable ceremonies, and there was a lot of silence. I recall a “reflection session” at my college where some expressed strong political reactions, but Father Bill Reiser said quietly that he found it too overwhelming to offer a thoughtful response quite yet.

Later I read of ministers at the site who simply listened to the anguish of stricken families and exhausted rescuers. Father Mychal Judge, firemen’s chaplain and “the Saint of 9/11,” asked his Lord to take him where he was supposed to go, then “keep me out of your way.” He died that day.

Of course, I was distressed by the quick public talk of war, but I was distracted, absorbed, by stories of the people of 9/11, people into whose lives history as actuality exploded that September day. I could not get enough of those stories, in the reporting of superb journalists like Jim Dwyer, even more in the profiles of victims published day after day, week after week, in *The New York Times*.

And I could not stop looking at those powerful photographic images of sacrifice and death and of heroic generosity. In one image a young fireman is ascending the stairs, passing office workers headed down. Later one of those office workers, John Labriola, a Port Authority employee, said of the experience, “The one conclusion I came to on 9/11 is that people in the stairwell ... really were in ‘a state of grace.’ They helped each other. They didn’t panic. Most people are basically good. I know this, with certainty, because I had gone through the crucible. What a great

example people left: Be selfless, help the person around you and get through it.”

Jesuit Jim Martin told us later of visiting Ground Zero, offering what help he could as a priest. At one point he entered the dining room of a large boat anchored near the site that had been commandeered to serve the rescuers, who came from across the country to help.

“The main dining room, warm and redolent of the smell of lasagna, roast chicken and coffee, is crammed with hundreds of workers, clustered around dozens of round wooden tables,” he wrote in *Searching for God at Ground Zero*. “Firemen eat with FEMA officials, police officers hand water bottles to iron workers, counselors break bread with search and rescue teams, soldiers clear room at their table for a Red Cross counselor, truck drivers offer to fetch a cup of coffee for a state trooper. It is a strange and beautiful sight. ... Here, I think, is a powerful image of the Kingdom of God — here is everyone eating together, working together, talking with one another, sharing stories, encouraging one another in the common work of charity. It’s difficult not to think of it as a Eucharistic meal — a breaking of bread in the spirit of sacrifice and remembrance. At the very least, the room seems suffused with the presence of God.”

From life stories of victims, unending stories of helping and remarkable reports of mourning, I learned, maybe relearned, lessons of love. How many stories there were of Twin Tower workers and airline passengers, knowing they would die, who called others to say “I love you.” I learned that the much decried American individualism is real and for the most part good — at least among our own, we Americans do value persons as persons, thank God. And I learned that individualism is also a myth for, when the chips of life were down, so many of these people thought not of themselves but of others.

I have always cherished a line from a Catholic religious text that describes the many relationships we all have in family, workplace, neighborhood and says that it is from that complex fabric that “the very web of our existence is woven.” And as fascinating stories of such webs were told, it became clear to me — why had it been so dim — that love really does matter.

It is easy to find such stories sentimental, but I found in people like Labriola and Dwyer and Mychal Judge an awareness that we are all

limited, that evil and sin are real, but that hope and faith and love can and do happen right here, in the middle of real life.

So 9/11 reminded me that I am, I have always been, an Americanist — I never understood that I would ever have to choose between Catholic and American. And I have never had to. I thus became an American historian, not a church historian, interested in, worried about, taking responsibility for, as best I could, the past, present and future of American Catholics — as Americans as much as Catholics.

On 9/11 Americans, our people, my people, were tested and, for a shining moment, I don’t think it was an illusion, they were found worthy. We shared for a moment the feeling of the monk Thomas Merton who had fled the world in 1940 for the Trappist monastery and from his monk’s cell blasted away at the world and its people until, on a famous day, coming from the dentist, standing on a crowded street corner in Louisville, Ky., he looked around him and his heart cried out: My God, I love all these people.

So 9/11 meant for me recommitment to America and Americans, and to the American — and Christian — vision of a single human family, a vision grounded for me in memories of family and anticommunist Catholicism, challenged and revised by encounters with John XXIII and Norman Thomas and Martin Luther King Jr. and Catholic Workers, too easily backsliding into self-serving complaints masquerading as meta-criticism, but drawn back to shared responsibility by history itself. As a young African-American woman discovered on a civil rights march one day in Boston, history isn’t made by somebody else, in some other time and some other place; it’s made by us and by the choices we make. Freedom, including ours, has a purpose, and it is tested by private and public choices.

The meaning of 9/11, history as story, will be constructed out of the choices we continue to make in its wake. So far too many public choices have been for civic idolatry and empire, and for death, but the story is not over, not by a long shot. Look at all the love that day. Love can still write another chapter and keep hope alive for a better future. The meaning of 9/11 lies ahead, and it’s in our hands, and maybe in our hearts.

David O'Brien is University Professor of Faith and Culture.

JEFF STAHLER FOR THE CINCINNATI POST, SEPTEMBER 12, 2001





ANDY SNOW

With faith and tenacity

New land. World-class research. Strong enrollment. Rising reputation. Forward thinking and bold moves inspired by our Marianist mission have characterized the presidency of **Daniel J. Curran** at the University of Dayton. BY

PAUL FAIN

Dan Curran answers his cell phone even from 12 time zones around the world.

"I would wake him up at 3 a.m. in China, and he would take the call," says J.P. Nauseef '88, the former president and CEO of the Dayton Development Coalition. "He has always been almost 100 percent accessible."

Nauseef's call to China was a sign of changing times, for the University of Dayton and its president.

Curran is more likely than ever to be a player in high-level discussions about Dayton's regional economic interests, which was on Nauseef's mind that morning. And there's a decent chance that when Curran's cell phone rings, he's traveling internationally and representing a Catholic university that's gone global in a big way.

Curran has embraced these multifaceted roles, more so than most university leaders nationally. Higher education can be a cautious industry, and colleges and universities typically choose to turn their focus inward during challenging times, like a recession's wake. Not UD, which has expanded its reach to an extraordinary degree during Curran's more than nine years at the helm.

The pace of change has been among the most rapid and substantial seen at any American university. The physical campus has literally doubled in size in the last five years. Also doubling since Curran's arrival has been the volume of sponsored research to nearly \$100 million annually — a benchmark that puts UD in the big leagues. At the same time, applications for the first-year class have also almost doubled, with growing numbers of students coming from beyond Ohio and even the United States. Total student enrollment is up by almost 11 percent, to 11,199 Flyers in 2010, while the University's selectivity and academic reputation also continue to rise. (See Page 25 for more.)

Keeping up with all the change is enough to make your head spin. Even Brown Street is virtually unrecognizable thanks to the University's seemingly endless redevelopment projects. As the cliché goes, this isn't your daddy's UD. Or is it?

People who know both old and new at the University say its character remains very much intact and has actually driven much of the progress in recent years.

Take UD's leadership in Dayton's economic development. When Curran arrived in 2002, he said he felt the University should be an "agent for social change." That means an active engagement in the local community — a central tenet of the Marianist tradition. Ignoring Dayton's painful decade-plus of economic turmoil and lost jobs would not have been true to UD's core beliefs.

"The University is an energetic part of the city," says Archbishop Emeritus Daniel E. Pilarczyk, who worked closely with UD during his 25 years as archbishop of Cincinnati. Just as important, he says both UD and its president have been "conspicuously Catholic." In fact, he

says the "University is now as Catholic as it has ever been."

CALCULATED RISK TAKING

Doubt has lurked around the edges of some of the changes at the University. But UD's success at analyzing and taking risks during Curran's tenure has quickly erased worries about the pace of the momentum.

One example is UD's 2005 purchase of a 50-acre brownfield from NCR. This summer, GE Aviation began construction of a \$51 million research center on eight acres of the remediated land. With it will come high-tech jobs, which is desperately needed good news for Dayton. And the facility creates a valuable partnership between GE Aviation and the University, which stands to benefit both students and faculty.

This outcome, however, was not a sure thing when the University was negotiating the purchase. In fact, Curran had to break off the deal the first time around.

"We had to step away because the risk was too high," says Curran. Cleaning up decades

of pollution from the manufacture of cash registers is no easy task, and an environmental analysis convinced Curran and his team that the costs would be too much under the initial terms.

But UD kept at the table, to use a Marianist metaphor. And eventually Curran felt confident that the University would be able to attract federal and state money to help pay for environ-

mental cleanup and infrastructure improvements. The University bought the land for a still-substantial \$25 million. Later, the property's redevelopment was bolstered by more than \$10 million from the U.S. Army Corps of Engineers and the Clean Ohio Revitalization Fund.

"It was a leap of faith," says Richard Finan '54, who was chair of the University's board of trustees at the time of the purchase. "But it was the right thing to do."

The bold move is part of a recurring theme of Curran's presidency, which many describe as one of calculated risk taking.

Curran's first leap of faith was coming to

UD at all. When approached about the presidency, he initially declined. He was happy at Saint Joseph's University in Philadelphia, an Atlantic 10 Conference member where he had spent 23 years as both an administrator and scholar.

But when a search consultant told Curran that the University would be a perfect fit for him, he decided to visit campus. During his first day at UD, a student guide gave him the standard walking tour and the current president, Brother Raymond L. Fitz, S.M. '64, asked to meet his family. "He's cool," Curran's two young sons reported after chatting with Brother Ray.

Curran says he quickly got a sense of the University, that it would indeed be the right place for him to become a university president. But doubts about his candidacy lingered. Fitz was a tough act to follow. He was beloved during his 23 years as president, the longest presidency in the University's history.

Curran would also be UD's first lay president. While other Catholic universities had hired lay presidents, most notably Georgetown University, some alumni and others connected to UD worried that its distinctive Marianist character might be diminished.

During the interview process, Curran decided to just be himself. At the time he was Saint Joseph's executive vice president and vice president for academic affairs, as well as a sociologist with impressive bona fides as a scholar specializing in criminology, juvenile justice and social problems. He also had deep experience in international affairs, particularly with China.

Finan and Dave Phillips '62 were co-chairs of the presidential search committee. Finan says it was an easy decision after he and Phillips talked with Curran.

"We said, 'This is our guy.' He knew where he wanted to take the University."

For his part, Curran says he quickly felt comfortable with the Marianists, and that their sense of community and commitment to social justice resonated with him. He also saw a well-managed University that was poised to take a leap.

"There was a sense of building upon something," Curran says. "It was just the perfect match for me."

Worries about a lay president failed to materialize after Curran arrived. In fact, many say UD has been more intentional about its Marianist influence under a lay president. Rick Pflieger '77, a member of the board of

trustees, says Curran's administration has worked hard to preserve and integrate the University's Catholic culture in its work.

"He kept the Marianist tradition and feel, but he turned up the speed limit for everybody."

His pace could have been a concern. Some people felt the up-and-comer from the East Coast might use the presidency as a steppingstone to another job. Curran has proved that fear wrong. By all accounts, he's a Flyer basketball fanatic, even when Saint Joseph's is in town. And with nine years under his belt, the 60-year-old Curran is diving into the University's next big move — an ambitious venture in China.

Perhaps the best proof of Curran's UD roots is that his younger son, Aidan, is a junior at the University. Having a parent's investment is an undeniable influence on Curran, and it shows.

"My son coming here," he says, "was just an affirmation of what I thought UD was all about."

Christine Farmer is a senior psychology major at UD and the Student Government Association's president. She's met with Curran several times. When asked to describe the president, she says: "He acts like a parent. He wants to get to know you as a student."

TELLING UD'S STORY

Curran is quick to say that UD's progress over the last nine years has been the result of cooperation between the University's faculty, staff, students and supporters. But the buck stops with the president. A college presidency can be a volatile job, and presidents don't keep their jobs long amid controversy, even if the problem isn't their fault.

Leadership also sets a tone, even for an organization as large as a national research university. Curran's approach meshes well with UD's dominant personality type, which is a blend of friendly and efficient. The University has the intimate feel of a much smaller college, which is helped by its laid-back, Midwestern affability.

But don't underestimate the competitive, serious side of UD, or its president.

Universities generally aren't known as being savvy negotiators and tend to move much more slowly than their peers in the corporate world. UD, however, has bucked this trend with its recent growth.

A good example is Marianist Hall, the new-

That passion sometimes includes pushing boundaries, as UD did with the branding campaign it introduced in 2007. In particular, the glossy and provocative viewbook the University sent to prospective students raised eyebrows.

Some people, including several faculty members, alumni and the student newspaper's editors, thought the viewbook went too far. One page asked: "Do you know more about Lindsay Lohan than Darfur?" and included a picture of two young women wearing glossy lipstick.

The branding effort was part of a key shift for UD, Curran says. After arriving on campus, he and Sundar Kumarasamy, the University's vice president for enrollment management, took a hard look at UD's enrollment pipeline and saw a looming problem. Ohio's demographic shifts were resulting in fewer students who were academically prepared to attend UD.

To strengthen or even maintain its academic reputation and enrollment, the University would need to work harder to recruit students from around the country and internationally.

"We had become very Ohio-centric," Curran says. "We had to go back to many of our traditional markets," which include Chicago and population centers on the East Coast.

The viewbook was part of the attempt to get the word out more broadly about a University in a region that had become a more difficult draw.

The University brought in a marketing firm from Philadelphia to work on the campaign, which was both edgy and expensive. But being a little bit brash appears to have paid off.

Applications for the 2008 freshman class went up a whopping 33 percent, which helped the University be more selective and boosted its standing in the *U.S. News & World Report*



During his career, President Curran has traveled numerous times to China, where the University will open the University of Dayton China Institute in Suzhou Industrial Park in 2012.

est residence hall on campus, which opened in 2004. A construction firm asked for a two-year timeline to finish the building. The University pushed hard for one year, and the firm hit the deadline.

Even better, UD administrators told a rival contractor, which was working on the ArtStreet project, a residential arts complex in the south student neighborhood, about the compressed schedule for Marianist Hall. Although ArtStreet was planned as a two-year construction project, the firm finished it in a year as well.

Beating construction deadlines for major buildings is virtually unheard of in higher education. UD is agile for a research university, and some of that speed is due to Curran, who is often described as being high-energy.

"It's hard to keep up with him," says Joseph Saliba '79, the University's provost. "He doesn't always show it, but he's very passionate."



rankings. UD has continued that momentum, and this year's freshman class is among the largest, most ethnically and geographically diverse, and academically strong in the University's history.

The branding campaign also drew national media coverage, including a story in *The Chronicle of Higher Education* with the headline: "Once-Quiet University of Dayton Pushes a Bold Brand."

Pfleger, who has founded two technology companies, says the time had come for UD to do

When Curran arrived in 2002, he said he felt the University should be an 'agent for social change.' That means an active engagement in the local community — a central tenet of the Marianist tradition.

some bragging.

"I was very frustrated, coming from a sales and marketing background, that the story was not being told," he says. But with the branding campaign, "it happened, and it happened in spades."

SEALING THE DEAL

UD's viewbook may have been bold, but no move during Curran's tenure has been more assertive than the purchase of NCR's corporate headquarters and adjacent parkland.

The 2009 acquisition included a world-class 455,000-square-foot building, which is now home to the University's Research Institute and the developing Alumni Center, among other uses. Also included in the \$18 million deal was 115 acres of land, which increased the size of UD's land-locked campus by 45 percent.

The purchase was also enormously symbolic.

"What we underestimated was the reaction of the greater Dayton community," Curran says.

NCR's departure had stung Dayton deeply. The company had long played a leadership role in the region, and its exit came amid severe economic hardship.

By quickly taking on NCR's headquarters, the University sent a message about its growing stature in Dayton and beyond. In some ways, it was a changing of the guard.

"NCR's long-term decline in Dayton, painful as it was, has set the stage for UD's rise," the *Dayton Daily News* wrote in an editorial.

The NCR purchase is part of a broader story about the decline of manufacturing in America and the new hope of a knowledge economy fostered by research universities. As a result, the national news media took note of UD's move, including *The New York Times*, which wrote a substantial story about the NCR acquisition. The nation's most influential newspaper briefly mentioned similar purchases by other universities — Yale University and the University of Michigan — signaling that UD can now hold its own among the cream of the crop in higher education.

Pete Luongo '65, a University trustee and the retired president and CEO of The Berry Company, says Dayton is fortunate, on many levels, for the University's growing influence.

"That would have been an absolute night-

mare if that had sat empty," he says of the NCR headquarters.

Luongo praises Curran and his team for how they handled the purchase, noting that Curran brings the skills of a corporate CEO to the university setting — no easy task, given UD's broad range of stakeholders, including students, faculty, staff, parents, alumni and many more.

"College presidents have so many constituencies," Luongo says. "He doesn't sacrifice one for the others."

Then and Now: UD's Momentum Since 2002

	Then	Now
Campus size	212 acres	387 acres
Sponsored research	\$47.5 million	\$95.3 million
Endowment	\$258 million	\$420 million
Total enrollment	10,125	11,199
Applications	7,496	11,567
Out-of-state students	35 percent	48 percent
Average ACT	24.7	26.1

Bernadette V. McGlade agrees. The commissioner of the Atlantic 10 Conference, McGlade refers to Curran as a "CEO" when discussing his role in balancing the A-10's strategic goals with the institutional missions of its members.

"He has great vision," she says, and "a tremendous business acumen."

UD drove a hard bargain for the NCR headquarters and surrounding land. Curran's staff dealt directly with the corporation on the purchase, opting against using a middleman. The University ultimately paid \$18 million for a property assessed at \$31.3 million.

But a good price isn't all the university got. Tom Burkhardt '70, the University's vice president for finance and administrative services, played a major role in the negotiations. As the deal was closing, Curran asked Burkhardt to push for NCR to include all the furniture in the headquarters building as part of the sale.

Burkhardt landed the furniture and also got NCR to throw in all the lawnmowers for the facility.

FROM RIVER CAMPUS TO CHINA

The largest expansion in its history hardly means the University is ready to sit back and rest on its laurels. Indeed, Curran is on to the next ambitious pursuit: the University of Dayton China Institute.

Unlike some university forays into China, which can be little more than tenuous footholds, UD has a serious operation brewing in the Suzhou Industrial Park in Jiangsu Province in eastern China. A five-story, 54,000-square-foot building will be exclusively UD's and will include classrooms, laboratories and project space.

The China Institute is another step toward UD's globalization. This fall, approximately one in every 10 University students is from outside the United States, enriching the campus's global perspective.

Curran has brought faculty, students, trustees and fellow administrators to China to see the vast opportunities for advancing international engagement and preparing students for the world they'll enter.

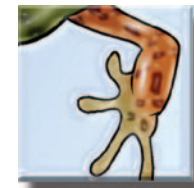
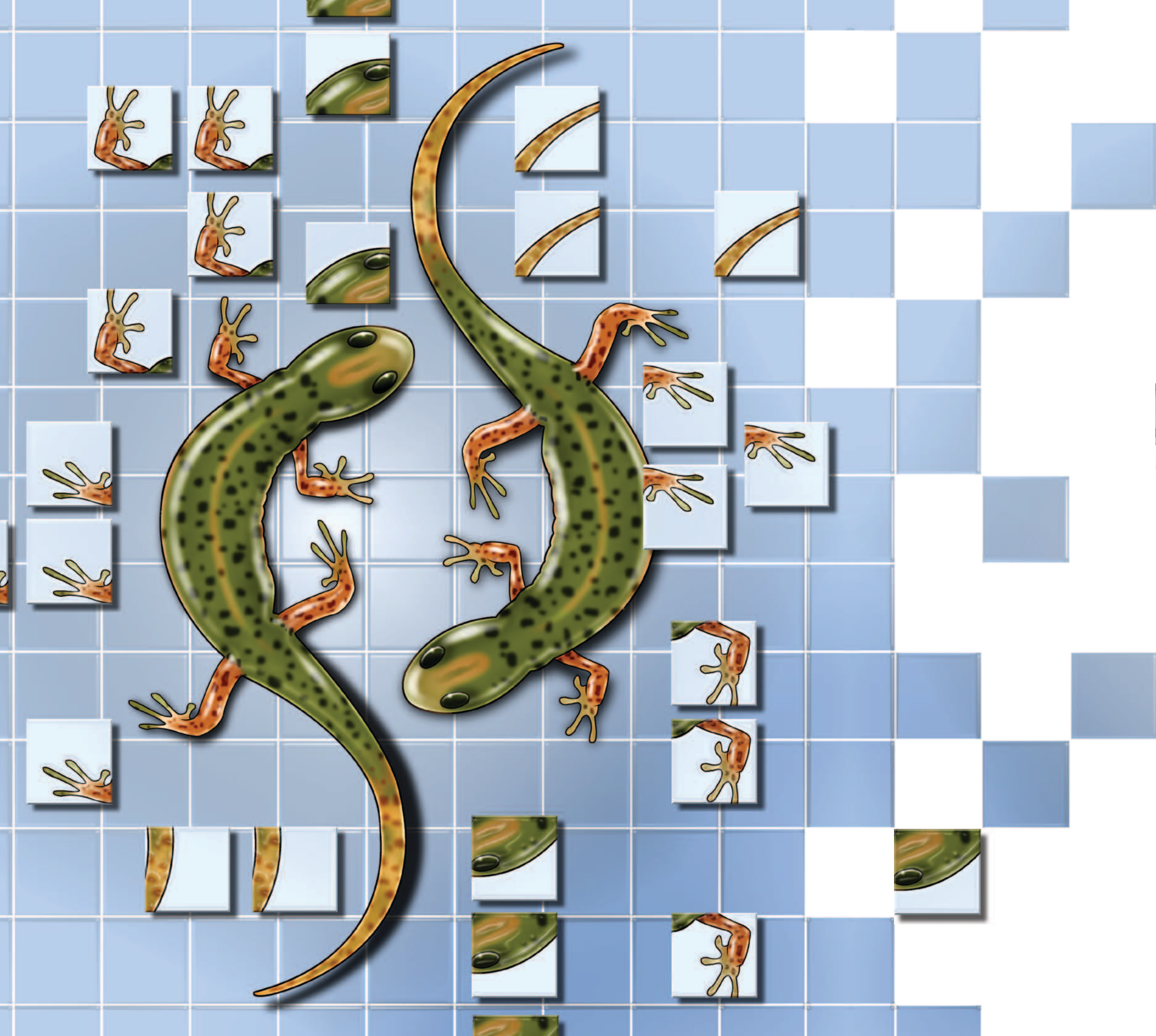
The action at UD isn't just happening in China. Construction projects continue on campus as well. During one hot summer day, bulldozers could be seen rolling over the rubble that was the former Frank Z

Chevrolet dealership on Brown Street. The University, working with a private developer, is building student housing with townhouse façades and 427 beds at the site.

Activity also started to hum over at the old NCR headquarters, now called River Campus, even during the dog days of summer. The building is open and staffed, and work is continuing on the Alumni Center. It's a beautiful space with a retro feel. The facility looks over the Great Miami River toward UD Arena. The University now stretches all the way from the historic core of campus to the Arena Sports Complex across the river.

An eye-catching feature sits in the front of River Campus. It's a huge, welcoming lawn. And yes, it's been freshly mowed, with those NCR lawnmowers. **UD**

Paul Fain is a veteran higher-education journalist and a reporter with Inside Higher Ed. He also recently worked with colleges and universities as an assistant vice president for Widmeyer Communications. An Oakwood, Ohio, native, he grew up in the shadow of UD and is a lifelong Flyer basketball fan.



By JEANNE ERDMANN
Illustration by RANDY PALMER

Lens crafters

New knowledge about the regenerative powers of newts is overturning 250 years of conventional scientific wisdom and may one day lead to unlocking a similar capacity in humans.



IN 1994 GORO

Eguchi headed out the door of his research laboratory in Okazaki, Japan, on a hunt that had become familiar to him over the course of his long career. Eyes trained downward, Eguchi, 61 years old at the time, searched ponds and puddles for the Japanese fire-bellied newt. The creatures aren't easy to spot. Although their underbellies are dotted in bright orange from chin to tail, their backs are brownish-black, helping them blend with muddy water.

Few developmental biologists in the world are as familiar with these newts, also known as *Cynops pyrrhogaster*, as Eguchi. He's devoted his career to studying a biological phenomenon known as regeneration, the ability of some animals to regrow a lost body part. Other animals can regenerate — including salamanders, frogs and worms — but newts are the champions. Remove part of a limb or tail and another one grows. Take away the lens on the eye? No problem. In one month, a new lens grows back.

The fire-bellied newt's ability to restore certain tissue has fascinated scientists for more than 250 years. In 1768, Lazzaro Spallanzani studied regeneration in newts and frogs, cutting off limbs and watching new ones return. Sometimes, though, the limbs that regrew in Spallanzani's experiments were missing some bones or didn't otherwise grow back properly. So for a long time, researchers studying regeneration were convinced that as animals aged, their ability to regenerate limbs, lenses and even hearts diminished over time.

No one had ever designed an experiment

to test that conclusion. Eguchi and his colleague Panagiotis Tsonis had their suspicions about how aging would affect regeneration because they'd both worked with the newt for decades. Tsonis, director of UD's Center for Tissue Regeneration and Engineering at Dayton, had done doctoral work in Eguchi's lab and has devoted his career to figuring out how lens regeneration in newts works.

To test such an idea, of course, they needed to take the long view. That's why, 17 years ago, Eguchi began collecting adult newts. He needed newts that were nearly full-sized to make certain they would be old enough at the start of the experiment. The fire-bellied newt grows slowly, reaching about 4 inches long — about 90 percent of its mature length — after 14 years.

Japanese fire-bellied newts were the perfect research subjects for this type of experiment. Unlike American newts, which don't live very long and don't tolerate captivity well, Japanese newts can live more than 30 years in captivity and thrive in laboratory life.

Eguchi's lab took responsibility for the animal maintenance and planning of surgery, and Tsonis collaborated with researchers at the Sanford Children's Health Research Center in La Jolla, Calif., to analyze the animals' DNA, molecular profile and the structure of their lenses.

"American newts have such a short lifespan in captivity, so keeping them around in the lab for a continued experiment is tricky," says Tsonis. "It's the type of collaboration that could not happen otherwise."





Starting such an experiment was a leap of faith. Seventeen years ago, the DNA techniques needed to analyze the data either hadn't been developed or were too expensive to even consider. That's why up until a decade or so ago, regeneration science had been mostly descriptive, says Alejandro Sánchez Alvarado, a regeneration specialist at the Stowers Institute for Medical Research in Kansas City, Mo. Scientists had been chopping off limbs or heads and tails of worms or removing lenses and then watching them grow back, but they couldn't do much more.

WHETHER ONE is watching newts regrow lenses or watching worms regrow heads and tails, regeneration makes for great videos. But those videos don't tell researchers what is going on at the molecular level, nor can it identify the genes responsible. Over the past 10 years, though, DNA sequencing — the technique that allows scientists to “read” the genetic code — has become less expensive, and other molecular techniques that allow scientists to add or remove genes or switch genes off have helped the regeneration field in general.

The progress at the molecular level has been slow because animals that regenerate well (newts and a species of worm known as *planaria*) have not been amenable to study with traditional genetics, either because their sexual reproductive cycles are too long or because traditional genetics and molecular resources were not available. So newts and their regenerating brethren began to fall behind other research animals, such as mice or even zebra fish.

Researchers like Tsonis spent painstaking years getting these genetic and molecular techniques to work in the newts, his lab supported by continuous funding from the National Institutes of Health since 1995. As other molecular techniques became available (such as ways to silence genes), the field of regeneration technology slowly became less descriptive and researchers started to piece together the networks of genes and molecules involved in rebuilding lost tissues.

As the 16-year experiment continued, Tsonis was able, through painstaking work, to use these techniques to analyze lens regeneration. Eventually, Tsonis could compare whether the same genes were switched on or off year after year as the newts grew older.

The technique to remove the lens (called a *lentectomy*) is simple. Just a tiny slit in the cornea followed by a light pinch with fine forceps, and the entire lens comes out in one piece. The cornea heals in 24 hours, and a lens has been differentiated within a month.

Over the first six years of the experiment,



Panagiotis TSONIS

Eguchi's team performed 12 lentectomies (two a year on the same eye of each newt). After carefully examining the lenses from those surgeries, the researchers determined that repetition was not a problem: The lens architecture (the size and shape of the tissue) and molecules in each lens were exactly the same. After that, Eguchi removed the lenses only once a year, and the team focused on the effects of aging. In 2011, after the experiment had been going for 16 years, Tsonis felt it was time to stop. “We had quite clear data,” he says.

IN A STUDY published this summer in *Nature Communications*, Eguchi and Tsonis concluded that newts' ability to regenerate lenses was practically limitless: the 17th and 18th lenses (the last two lenses removed) were exactly the same as lenses re-

moved when the experiment began 16 years earlier, they found. And even newts that were at least 30 years old — comparable to a 90-year-old human — showed no decline in their ability to regrow lenses every bit as good as those they started out with as young'uns. Each lens regrew with equal speed and vigor.

“This is a fundamental paper,” says Sánchez Alvarado. “It's going to become a classic for two reasons, a practical reason and a scientific reason.” Such lengthy, basic science experiments are extremely unlikely to be funded in the United States, he says, because such research grants are given for five years and renewals for four years. Funding is also rare for a single experiment. “It's very difficult to accomplish long-term experiments.”

But the experiment is notable not only for the researchers' perseverance but also for its scientific significance, Sánchez Alvarado says. “Here is a real experiment with real data that essentially says, ‘Vertebrates can actually do this; they are aging chronologically, the animals are 30 years old, but biologically they're young.’ To me that's a remarkable paradigm shift because it provides incontrovertible evidence that chronological and biological age are not necessarily the same thing. It's nice to go to your list of things we don't

know about regeneration and scratch that one off the list.”

Sánchez Alvarado says the list of what scientists don't know about regeneration is still quite long. Now, with all of the information from genome sequencing on so many species, researchers know there's a finite collection of genes, and those genes are coming together in some organized fashion to produce a finite collection of attributes that are shared throughout all animal species. For Sánchez Alvarado, the take-home message is that “we're incredibly closely related to each other, so it should be feasible to understand why some animals can do certain things and others cannot; why some animals can regenerate so well now becomes part of the landscape for our interrogation.”

Even though people don't regenerate body parts like newts, the regenerative capacities we do possess begin to diminish with age. Hair recedes, wrinkles increase, muscle mass goes away. None of this happened in the newts' lenses. None of the newts got cataracts. Since humans, mice and so many organisms share genes, regeneration scientists say that we may be able to figure out why some organisms regenerate limbs and heads and others don't. Researchers suspect that we all have the capability, but in humans that capacity is genetically turned off for most tissues. People can regenerate liver and skin, and children can regenerate fingertips. Now that researchers know that aging newts can churn out fresh lenses, Tsonis says they may be able to figure out how to restore specific tissues lost to degeneration and aging.

Over the past 16 years, Tsonis has collaborated on not only the lens aging experiment. He's also continued to make his own mark in lens regeneration. He finds the lens attractive because it provides a more clear-cut way for the research to proceed than limb regeneration because the process happens faster. Even more alluring was the way the lens regenerates. For limb regeneration, part of the limb is removed. In the lens, the entire organ is removed and then rebuilt from a different group of cells in the eye tissue. That phenomenon has allowed Tsonis a unique opportunity to study how one tissue stops in its tracks and then recreates an entirely different kind of tissue.

“That's quite unique, even in the newt,” he says.

Studying regeneration in the

lens offered another advantage over limb regeneration: the newt lens always regenerates from cells in the dorsal, or upper, part of the eye and never the ventral, or lower part, even though they're the same type of cell.

REGENERATION starts as a group of cells responsible for pigment in the iris begin a process that turns them into completely different cells and then back again. Scientific lingo for these twin processes are *dedifferentiation* (when cells slip back to a less specialized form) and *transdifferentiation* (when one cell type converts into another cell type). Tsonis wants to know everything about how these processes work to understand fundamental biological questions about how and why cells grow old and die, and why some turn cancerous.

David Stocum, a regeneration researcher at the Indiana University Center for Regenerative Biology and Medicine, compares the capacity of newts' lenses to regenerate to a human's ability to regrow the liver. Researchers can remove a fairly substantial fraction of the liver in lab experiments, and it will regenerate over and over — but he says the Tsonis team has regenerated the lens in the same animal many more times than anyone has repeatedly generated the liver.

As newts age, explains Stocum, their capacity to regenerate limbs declines. Either regeneration slows or the new limb grows with mistakes, such as an extra digit. In the long newt experiment the cells that built lens after lens made no mistakes, suggesting that the problems with limb regeneration might result from its more complex structure or external factors such as infection. “It tells us though that all of these old dogmas — and there have been lots of them — are not viable anymore. So the possibility exists that we will find out how to manipulate things at the site of an injury or disease to regenerate the tissue.”

Tsonis plans on going down some of those research avenues. He says finding answers in one area of regeneration will answer basic questions in other areas. For instance, Tsonis wants to see what's going on with DNA repair and aging. He's intrigued by cancer formation in the newts. While in Eguchi's lab during his doctoral studies, Tsonis gave the newts

all sorts of cancer-inducing chemicals, but the newts never got cancer. Now, he wants to return to those experiments so he can figure out why. “If that process is regulated, then I can trace it.”

He also wants to investigate the relationship between what newt cells do during regeneration and how stem cells work. “There's no doubt in my mind that nature invented common strategies and then modified them in different animals according to needs. I don't think they're completely different strategies.”

Investigating such strategies can spark ideas for research in mice and eventually people, says Tsonis. Although that's a long way off, cellular pathways are similar and so are cell physiologies. He wants to discover whether newts and people have the same genes and cellular mechanisms.

One day, in the distant future, Tsonis hopes to use this research to find a way to treat eye disease, such as macular degeneration. “It's not that easy, but that's the ultimate goal of regeneration, to treat people.” **UD**

Jeanne Erdmann is a medical science writer in Wentzville, Mo. Her work has appeared in Scientific American, Nature and Science News.

<CONTINUED CONVERSATIONS>

CENTER FOR TISSUE REGENERATION AND ENGINEERING AT DAYTON
<http://trend.udayton.edu/>

COVERAGE OF THE RESEARCH IN DISCOVER
<http://bit.ly/p8T6K9>

READ THE PAPER IN NATURE COMMUNICATIONS
<http://bit.ly/p86LiI>



A river runs through it

BY MICHELLE TEDFORD
PHOTOGRAPHS BY LARRY BURGESS

“The river

changes every day. Some days, you love it. Others, you're just frustrated by it.”

And on this sunny July day, senior Bethany Renner says she is loving it. The sky is blue and the Mad River, an artery winding through East Dayton toward downtown, gurgles over rocky riffles at a pace easy enough to be navigated by the novices of the group she's leading.

Renner, blond hair in a tight ponytail, knifes her kayak through the water. She alerts boaters to a water hazard ahead, an old bridge piling. More students are teaching in other disciplines, pointing out a blue heron the boaters keep scaring downstream (biology), the clarity of the water (geology), the factories operating alongside (economy) and an outflow pipe that drains stormwater and whatever else eastside residents dump down the storm grate (public policy).

This summer, the River Stewards of the University of Dayton's Rivers Institute taught nearly 200 paddlers — professors and students, mayors and council members, artists and engineers — in their floating classroom, just one way the students are fulfilling their promise of bringing Dayton to the river.

Senior Alex Galluzzo is paddling sweep on the trip and talking a nautical mile a minute. “My first job is to be sure everyone gets safely down the river,” he says. “Then I'm going to throw a big blanket of information on you, and if you can crawl out with one or two facts, I'm good with that.”

What started as a river trip with two dozen honors students in 2004 has grown into a sea change emanating from the University's Fitz Center for Leadership in Community. The Rivers Institute's staff, community partners, faculty and committed students can now be found at the table of every major regional discussion regarding water and its connection to economic vitality, quality of life and environmental integrity. Some point to these River Stewards as the catalyst for the regional water discussions of

the last five years. All agree that these students and their ideas are changing the landscape and contributing to a national and local refocus on water resources.

“The greatest thing I've found is that adults are listening to 21-year-olds, and what I say matters.”

Laura Mustee sits on a porch swing on Stone-mill Avenue, hair in a ponytail, arms hugging knees to her pink T-shirt, looking every bit a college senior. But the life she describes is something quite unexpected. Since her sophomore year, she's been part of a 16-member cohort of River Stewards. Members commit to three years of river education, experience and action in addition to their major areas of study.

For Mustee, that's marketing. But she adds biology, sociology, ecology and economics to the list of what she's learning, some from faculty and community partners, much from the other River Stewards who represent 27 majors in the interdisciplinary program that is more intense than a club, more amorphous than a major. River Stewards choose each new cohort by application and interview process. The sophomores commit to three years of Friday afternoon classes and service and civic engagement



opportunities. They work with their cohort on a senior project. They constantly create new ways to accomplish the Rivers Institute's mission of helping the Dayton community to see its rivers as a strategic natural resource central to the communal, economic, aesthetic and ecological vitality of the region.

The program stretches students and their leadership potential, and Mustee and others have proven themselves skillful in discussions

of public policy, science, economic development and quality of life.

The Dayton Development Coalition is the region's economic development engine. In 2008, DDC began focusing attention on water as an economic resource. Then the River Stewards got involved — first as guest presenters, then as seated members of the Dayton Water Roundtable — and the conversation evolved to embrace quality of life, environmental stewardship and retention of a young creative class. Maureen Patterson, vice president of stakeholder relations at DDC, calls the River Stewards “visionary.”

“They all speak about the water. They are so excited by it and that inspires the people sitting there,” Patterson says. The stewards' voices have allowed DDC to better sell the region, she says, by growing educational curricula, pushing technology and innovation, and marketing quality of life.

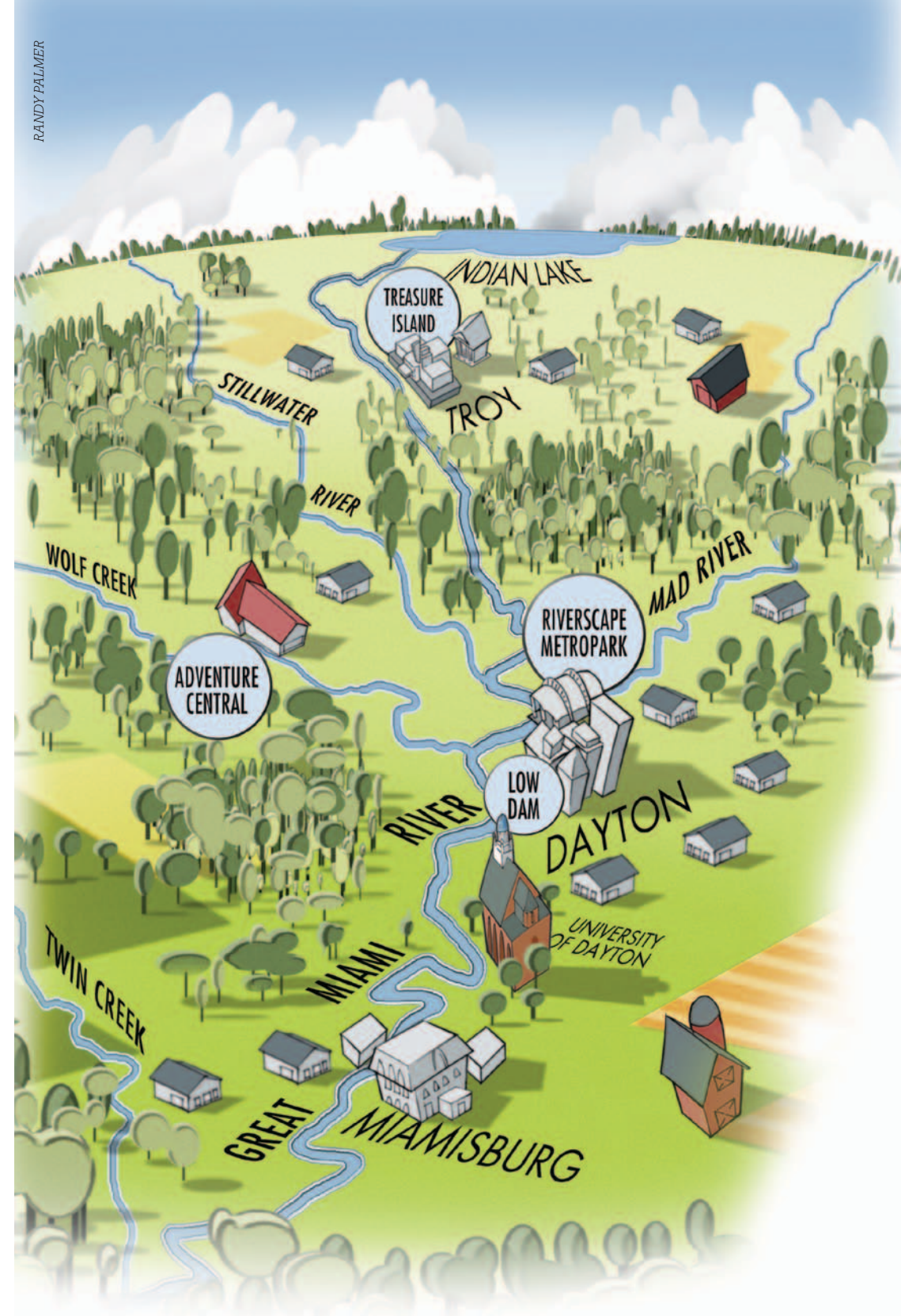
River Stewards sit on the city of Dayton environmental advisory board. They have presented at the Midwest Ground Water Conference, the Water Management Association of Ohio's annual meeting and at the annual meeting of the Association of American Colleges and Universities. A steward led a presentation to the DP&L Foundation that netted a \$250,000 educational grant. Senior AJ Ferguson coordinates the new Ohio's Great Corridor Association, which brings together governments, businesses and community organizations to promote the Great Miami River watershed.

In the June OGCA meeting, Ferguson took notes and allowed participants to explore ideas — more than 100 he wrote on easel sheets that he taped around the room — to find common threads before he offered careful words of analysis.

That may be the best part of being a steward, he says — being part of the dynamic conversation. “What I get most excited about being in a roomful of mayors and city managers is that I get to test where I am in the quality of the ideas I offer.”

The best example of the Rivers Institute's collaborative power is the annual River Summit, begun in 2008 and held on UD's campus. Last spring, it attracted more than 200 of Ohio's leaders to sessions on recreation, tourism, watershed protection and how nonprofits and governments can work together to garner grant money for river restoration and recreation projects.

UD is the reason the River Summit works,



RANDY PALMER

says Amy Dingle, outdoor recreational coordinator for Five Rivers MetroParks, the region's conservation and recreation organization. She says the University of Dayton, with a reputation for seeking the common good, is the neutral player that can bring together competing interests to understand how our ultimate goals are connected.

In the Great Miami River watershed, those connections extend like the fingers of its tributaries.

Twenty-seven miles upriver from UD is the city of Troy. In 2009, Mayor Mike Beamish welcomed River Stewards who paddled for five days from the headwaters near Indian Lake to Taylorville Dam north of Dayton as part of their senior project. In Troy they learned about the city's long connection with the Great Miami River, about its investment in Treasure Island as a family recreation destination and more.

Stan Kegley, Troy's project manager, is an advocate for the River Summit and for the mission

the students espouse. “A stronger river corridor is a stronger Troy,” he says. “A stronger Dayton and a stronger Miamisburg is a stronger Troy. Regionally, when we all grow, we all benefit from one another's achievements.”

This collaborative mindset is a far cry from the competitive rhetoric once dominant in the region, and Kegley points to the River Stewards as a reason.

Dayton city commissioner Nan Whaley '98 agrees. “They've been the catalyst in the region around water issues. If they hadn't done the River Summit and didn't show the excitement and take the leadership role, you wouldn't see the OGCA, you wouldn't see the (downtown Dayton) plan. They've been the catalyst.”

“My friend picked me up from the airport, and the first place I went to was RiverScape (in downtown Dayton) so I could see my river.”

Katie Norris '10 is now surrounded by waters — geographically, encircled by the Stillwater and Penobscot rivers at the University of Maine in Orono, and academically, as a graduate student studying the impact of native migrating fish called alewives on the local ecology. Her research takes her wading through cold streams and canoeing in lakes that are the alewives' breeding grounds. But she has never felt more connected than she did as a River Steward in Dayton.

“I've always loved nature,” she says. “The Rivers Institute solidified that for me and showed me how to make the connection between my love for ecology and water and the rivers with community and the social piece.”

And the river she so loves is different from the one known by UD alumni from a decade or more ago. During the last 40 years, organizations like the Miami Conservancy District have been working with farmers, factories and municipalities to improve the quality of the water.

Fish kills of 40 years ago are replaced with fishermen who catch prize-sized smallmouth bass in the shadow of the Monument Street bridge. For \$6 a half hour, you can rent a kayak on a lazy Saturday afternoon and paddle where the Great Miami River and Mad River merge in the spray of six giant fountains. More than 40 miles of paved pathways along the river corridor connect to 300 more that wind through farmland and prairie, tying Piqua and Urbana to the north through Dayton and Xenia to Cincinnati in the south. Bicyclists share pathways with joggers, dog-walkers, lunchtime exercisers and young families with toddlers muddy from chas-



ing geese. Five Rivers MetroParks' RiverScape — with its three blocks of gardens, fountains, four-seasons pavilion and bicycle hub — draws all walks of people downtown, including UD students like Norris.

It's also a river much more accessible to current students thanks to the Rivers Institute. The 2011 cohort, the second to graduate from the program, organized bus trips to introduce University students to recreational amenities and other features of a livable city. The 2012 cohort is helping to begin a bikeshare program; UD students can check out a bike as easily as a basketball and pedal the spur along Stewart Street to connect to the Great Miami River Trail and the city or countryside beyond.

And all stewards are ambassadors. Senior Jenny Biette took her boyfriend and friends to RiverScape on the Fourth of July. As they sat near the levees built to protect citizens after the 1913 flood, the visual communication design major spoke of the glacier 18,000 years ago that deposited the gravel that naturally filters Dayton's drinking water, making it some of the best in the world.

"It sort of surprises people about how special Dayton is," she says. "They came to the school (UD) because they know it's special, but in Dayton you always run into something new and exciting. The River Stewards have helped to cement us to this city."

In the Rivers Institute, students become part of the story — and part of the community. As an arm of the Fitz Center, the Rivers Institute educates leaders who build community. Cincinnati native Norris took with her to Maine that need to feel connected to place. She sought out a community of learners and a community of recreational enthusiasts. She also is making sure her scientific research is relevant to people and their concerns — the impact of repatriated fish populations to property values, tourism and fishing. These are values she says she will carry with her always, no matter the name of the river along which she lives.

"If we want more students to be civically engaged, we need more hooks."

For AJ Ferguson, that hook was kayaking. What better way to entice a student than the opportunity to kayak the rivers, bike the pathways and hike the trails? River Stewards talk of this and more when recruiting the next cohort of students, who vie for the 15 or so positions available each year. For fall 2011, 35 applied — for the fun, the intensity and the commitment that will consume most of their formerly free time.

And once they are hooked by kayaking, the rest follows.

"There's a city out there we want you to enjoy, and when you know it you'll love it and you'll want to protect it," he says.

Ferguson was one of three students who presented at the June Marianist Universities Meeting to presidents, deans and faculty about civic engagement. Civic engagement is a hallmark of Marianist education, and the three Marianist universities (University of Dayton, St. Mary's University in San Antonio and Chaminade University of Honolulu) are always looking for ways to do it better. Ferguson believes the Rivers Institute is a perfect example.

So does his father. Dick Ferguson '73, Fitz Center executive director, sees in the actions of the Rivers Institute a practical wisdom. Students are not necessarily probing the depths of science but are instead identifying the knowledge needed by everyday citizens to make connections and take action. What makes an economics major passionate about the aquifer? Tap that, and you have the key to civic engagement.

"It's always very clear that in order to get the most out of the students, you have to engage their hearts, heads and hands," he says. "We tell them, you have to be willing to get wet ... and spend every Friday afternoon for the next three years with the Rivers Institute. You're going to have to use your head and think along with community leaders about how to bring

Dayton to the river."

And that thinking starts with listening. In the Rivers Institute, the 45 or so students work with coordinator Leslie King, graduate assistants and faculty from biology to history to engineering. In meetings, they joke about the dominant brainstorming style called nominal group technique. But it creates a level playing field that both empowers and humbles. A moderator asks each person to contribute an idea. Ideas are written down, but none are discussed until every idea is out, often after many rounds of the room. Then the discussion begins, and the group condenses, collapses and prioritizes the list, in the end formulating a plan for the future and assigning responsibilities.

The Marianists teach us much about a community of equals, Dick Ferguson says, which is part of what the Fitz Center aims to achieve. He points to Brother Don Geiger, S.M. '55 as a perfect model.

At age 78, the retired professor and Dayton native can be found paddling the river with students, stopping to pull invasive purple loosestrife from weedy banks. A world-renowned environmental biologist, he can also be found at a Rivers Institute meeting of faculty and students, waiting his turn in a discussion where he knows his seniority does not ensure his opinions will win out.

Says Dick Ferguson of the Marianists, "They

go in as learners and contribute as learners, not just teachers."

This makes UD's Rivers Institute different. Around the nation, universities are joining with cities and environmental groups in looking at ways to use, protect and market water. The Rivers Institute at Hanover College in Indiana is a hallmark of higher-ed programs. UD invited its director to campus for a presentation when the Fitz Center added rivers to its community-building agenda. He gave an interesting and technically competent presentation on the science of the rivers of the world.

But that's not where the UD Rivers Institute wants to be. Hanover can be the leader of river science. The University of Dayton is a national leader in community building and defining the space between curriculum and experiential learning, Dick Ferguson says.

And that is where society needs the most help.

"Environmental challenges remain to be solved because we have failed to look at solving them through a lens other than those of science and engineering," says Dusty Hall, manager of program development at the Miami Conservancy District, a partner of the Rivers Institute from the start. Hall led that first river trip of honors students in 2004.

Water is a potential billion-dollar resource if you take a multidisciplinary view, Hall says,

and UD is in the rare position to prepare students to participate in the three bubbles of the water economy — economic vitality, quality of life and environmental integrity.

"There will be no better-positioned group in the country to address issues of water than the Rivers Institute," he says.

For example, when tackling the issue of hypoxia in the Gulf of Mexico — eutrophication of water that leads to algal blooms and death of sea life — the stewards suggested having Ohio farmers talk with Gulf Coast fishermen. They believe that Ohioans whose actions contribute to hypoxia 1,505 miles downstream would make better choices about fertilizer application if they felt connected to the larger community of farmers, including those who farm the sea. Such conversations could succeed where years of political and public policy discussions have failed.

On a local level, the River Stewards will help advocate and plan for the removal of a low dam in downtown Dayton. It is a drowning danger and an impediment to developing the downtown section of the Great Miami River as a navigable corridor.

"We know how to take out a low dam," says AJ Ferguson, a mechanical engineering major. "It's no great feat — you get enough engineers in a room and they can figure it out. But getting through the public policy issue and the public perceptions issues is much more difficult."



“It’s about the opportunity our students get to see how community issues, priorities and assets connect. Their entire educational experience is completely changed by learning what is on campus or just outside campus.”

It’s a conversation he’s looking forward to being part of, and it’s the place to which he’s steering his career upon graduation in May.

“When I teach kids about the aquifers, I can probe them with questions, but I want them to touch and feel it and by the end ask questions that make me see they understand what an aquifer does.”

Bethany Renner, an early childhood education major, is looking forward to the day when she no longer needs to carry an aquarium full of sand and gravel down an icy hill from the chapel to Holy Angels School near Brown Street.

That day could come in 2012.

This summer, she was one of seven students who received stipends to work on Rivers Institute projects. They shared an office and lived in community, lobbying ideas to one another through open doors at bedtime. Bethany’s project was the Rivermobile, which will take the lessons stewards are already sharing with children — ecology, river safety, history, energy — and house an exhibit in a 53-foot trailer that will become a mobile classroom accessible to students throughout the watershed.

The Rivermobile is the brainchild of Tracy Horan ’10, a Spanish and middle childhood education graduate who created a water curriculum for Holy Angels that worked to build community by getting the children to better understand the place in which they live.

Stewards adapted that curriculum this summer for children in the Adventure Central summer program at Wesleyan MetroPark in West Dayton. Alex Galluzzo, an operations management major, led the camp.

“The whole point of the camp is why Dayton is special, why you should be proud,” he says.

The sixth- and seventh-graders stomped in Wolf Creek, paddled kayaks and made edible aquifers that tasted a lot like sundaes. On the last day, the boys surprised the stewards with a rap naming the area’s five rivers and creeks, and the girls sang about invertebrates, algae and rocks. “It was one of the coolest gifts ever,” he says.

When the Rivermobile is complete, it will be one of many success stories for the Rivers Institute, which is constantly developing new ways to reach larger audiences.

While there are only about 45 River Stewards any given year, the River Leadership Curriculum reaches many more. The interdisciplinary classes use students, faculty and

community members as teachers who craft lessons around water topics paired with field trips and guest speakers. Through a \$180,000 grant from the McGregor Fund, the Fitz Center and the College of Arts and Sciences developed the curriculum. Graduate assistant Sarah Peterson, a 2010 River Steward alumna, helped assess the curriculum’s effectiveness, and two sophomore River Stewards this summer scheduled the teachers and sessions for the 2011-12 academic year.

It is a powerful educational model, one that demonstrates an effective new approach to learning, says Don Pair, associate dean for integrated learning and curriculum.

“It’s about the opportunity our students get — and I get to experience along with them — to see how community issues, priorities and assets connect,” he says. “Their entire educational experience is completely changed by learning what is on campus or just outside campus.”

He says lessons learned from the river curriculum will be applied to the Common Academic Program, the first major overhaul in 25 years of the University’s general education requirements that will guarantee all students a more experiential, interactive and collaborative education.

“I’ve signed a lease. I’m pretty committed to Dayton.”

Maggie Varga ’10 is the kind of person you know you need to hold on to. Smart, committed, connected and energetic, the economics and finance graduate first joined the River Stewards as a way to have fun on the river. She became a leader for her cohort, organizing their senior project from the headwaters of the Great Miami River watershed to Dayton. While completing her MBA, she became the Rivers Institute graduate assistant, and she then transitioned into the Rivers Institute’s summer coordinator. Today Varga, a Columbus, Ohio, native, is looking for a job in Dayton, and she has lots of supporters vying to make a spot for her on their staffs.

“There is a real movement around the rivers in Dayton,” she says. “Something is happening

here, and UD was at the forefront of it. It was the enthusiasm of the students going down the river that kind of got the ball rolling.”

Rivers Institute coordinator Leslie King sees the development of Varga’s leadership skills as mirroring the growth of the Rivers Institute. It started as an August kayak for Berry Scholars, who told the Fitz Center it needed to create something more. It became a program for a small cohort, then added a curriculum to reach more students, which has become one of the models of the new undergraduate general education curriculum. Classes for Holy Angels students will become a regional mobile learning laboratory in the Rivermobile. The River Summit will be supported and partially coordinated by Ohio’s Great Corridor Association, created collaboratively with the Rivers Institute.

The growth is good, King says, because 45 stewards can accomplish only so much on Friday afternoons. Because of their community-building and leadership skills, they get to create and complete projects. They develop partnerships

that assume some of the responsibilities, allowing those ideas to thrive while the next group of students develops its own projects. And with each new cohort, new priorities emerge.

One question King is now posing to the students: “We’ve done so much for the river in general. How can we now put some of the focus on UD’s riverfront?”

A student asked why we don’t have benches along the levee across from the University’s new River Campus, the former NCR world headquarters. Why can’t you walk from UD, sit and just enjoy the river? Good question.

And be assured they will have good answers, and a meeting employing nominal group technique, and a few field trips, and goals for their cohort as well as goals for life that are quite different than those with which they started UD. Stewards are true leaders in the Marianist sense, building community through civic engagement, bringing the community in which they live together over a shared resource and a common goal.

“I’m the perfect example of this,” says Varga, “of how the Rivers Institute changes your entire course of your college career and your focus in life.”

Bringing Dayton to the river.

UD

Michelle Tedford paddled under the spray of the RiverScape fountains July 1 during a trip down the Mad River led by the stewards. The fountain water, fed by the buried valley aquifer, is a constant 57 degrees.

<CONTINUED CONVERSATIONS>

RIVERS INSTITUTE
rivers.udayton.edu

GREAT MIAMI RIVER WATERSHED
www.miamiconservancy.org/water/gmrw.asp

2010 RIVER STEWARDS SENIOR TRIP
http://youtu.be/hEXIXxkp328

FIVE RIVERS METROPARKS TRAIL MAPS
www.metroparks.org/Get-Outside/Cycling.aspx



To generate alumni pride and to reflect the excellence of a University of Dayton education, the National Alumni Association since 1967 has — through its awards program — recognized alumni whose accomplishments personify Learn, Lead and Serve. The winners of this year's alumni awards:

Distinguished Alumnus Award



M. Michele Mariscalco, M.D.
Bachelor of Science Pre-med 1977
College of Arts and Sciences

For the last year, Michele Mariscalco's title has been associate dean for research at the University of Kansas School of Medicine-Wichita. Previously, she was a professor at the Baylor College of Medicine.

But titles do not describe her work. She's done award-winning teaching and research, but she is exceptionally good at taking what she does and what other people do and tying it all together to serve those who entrust their care to medical professionals.

One of her last projects at Baylor was to change the process of how a child with a sickle cell disease was served. Such a child comes in contact with many people — in primary care, in an emergency room, in intensive care, in an outpatient clinic. No one has a title to coordinate all that. On a committee with no name, serving without a title, Mariscalco worked with the stakeholders in the process to develop a vision, to sell it to the stakeholders' direct reports up and down the line, to get it done — to lead and to serve.

Nominated by her colleagues, she received national recognition — the 2010 Barry A. Shapiro Memorial Award for Excellence in Critical Care Management.

Christian Service Award



Daniel R. Fiehrer, D.D.S.
Bachelor of Science Pre-dentistry 1962
College of Arts and Sciences

As a young dentist in 1966, Daniel Fiehrer moved to Browning, Mont., as part of the Public Health Service. After serving the Native American Blackfoot Nation for two years, he went to work on a degree in orthodontics. In 1972, he returned to Montana, opening a practice in Helena.

From 1972 to 2010, once a month, Native American children were driven from Browning to Helena to receive orthodontic treatment from Fiehrer, who received no fee. Over the years, he treated as many as three generations in a family.

In the mid-1990s, Fiehrer commissioned an artist to create 42 paintings of the Blackfoot Indian Medicine Lodge Sun Dance Ceremony, a collection now housed in the C.M. Russell Museum in Great Falls, Mont. Fiehrer also commissioned an award-winning television documentary on the Blackfoot people.

In 2002, the Montana Dental Association gave Fiehrer its T.T. Rider Award, which recognizes dentists for outstanding public service. In 2007, the head chief of the Blackfoot Tribe gave Fiehrer an eagle feather headdress and bestowed on him the title of Chief Dan Holy Eagle.

Special Achievement Award



Susann M. Brady-Kalnay
Bachelor of Science Biology 1987
College of Arts and Sciences

Once her junior high school science teacher introduced her to fruit flies and genetics, Susann M. Brady-Kalnay, the daughter of a teacher and a NASA electrical engineer (a UD alumnus), knew she wanted to become a biologist. And she did, graced by a supportive family and encouraging teachers — including those at the University of Dayton who gave her the opportunity (rare at most universities) to do research as an undergraduate.

After graduating from UD, Brady-Kalnay received a doctorate from the University of Cincinnati College of Medicine and was a post-doctoral fellow at the Cold Spring Harbor Laboratory. Since 1995, she has been on the faculty of the department of molecular biology and microbiology at Case Western Reserve University.

Her work focuses on the role of cell adhesion (the ability of cells to stick to one another) and how they are altered in cancer. To make tissue, cells communicate with one another; cancer cells, however, lose the ability to be controlled by the normal cells surrounding them. Leading cancer journals report her groundbreaking research. *Cancer Research* features results of her most recent work in its Sept. 1, 2011, cover story.

Joe Belle Memorial Award



James "Scott" Murphy
Bachelor of Science
Mechanical Engineering 2001
School of Engineering

In the engineering profession, Scott Murphy is known for his work at Wright-Patterson Air Force Base where he has the title of chief engineer for the flight test program of the X-51A, which in 2010 made the longest-ever supersonic combustion ramjet-powered hypersonic flight, reaching a speed of Mach 5.

In the Dayton community, Murphy is known as the founder and chair of updayton, a volunteer project to help the region better attract and retain young talent. Combining the analytical mind of his profession with a flair for public speaking, he has won community support, enabled volunteers and brought together from across the region "young creatives" — artists, engineers, teachers, architects and others, including some people not-so-young but dedicated to Dayton.

Although the transition from a manufacturing-oriented economy might seem to token fewer young people in the Dayton region, Census Bureau numbers for 2008 showed an increase of 18- to 34-year-olds in the area — a trend updayton is dedicated to continue.

The *Dayton Business Journal* named Murphy to its list of the Top 10 Most Influential People of 2010 in the Dayton Region.

My mall hair

Every era has a defining hair-style: Mall hair. Afro. Pageboy. Mullet. Beehive. Greaser.

And those styles — and our smiling faces framed by them — are being forever preserved by the University of Dayton Archives. It is digitizing our *Daytonian* yearbooks and making every page accessible to alumni everywhere.

For starters, see the severely parted hair of the boys of St. Mary's Institute in 1905. More than a dozen yearbooks through 1961 are currently online, with more being added soon for our enjoyment (and embarrassment). Visit digital .udayton.edu/cdm-yrbooks/.

Life's a picnic

Deirdre Moire '76 transferred to UD chasing the love of her life. Instead, she found the love of her life, Tim Kane '76. The biology graduate also found her vocation in life — coaching — thanks to publicity



HILLARY HOPKINS '10

Me gotta go

There's no better way to feel young than to dance to "Louie Louie" under the big tent with hundreds of your closest friends. For 1,820 alumni, friends and family, that was just part of the fun at Reunion Weekend 2011 June 10-12.

Thirty-five members of the Class of 1961 received their wings during the Golden Flyers ceremony Friday. Across the lawn, the Class of 2006 reconnected in a party that drew 23 percent of its graduating class.

Make plans to return June 8-10, 2012. As always, Reunion Weekend is open to all, with class parties on Friday night for the graduates from 1962, 1967, 1972, 1977, 1982, 1987, 1992, 1997, 2002 and 2007. From FlyerFest to the vow renewal ceremony to just roaming campus and reminiscing, it's a party not to be missed. Visit alumni.udayton.edu/reunion.

about her UD scholarship, the first for a Flyer female athlete.

She — now Deirdre Kane — told this story to incoming first-year students and their families at the Philadelphia new student picnic, one of 26 held nationally this summer. There, Kane met new Flyer Gordon Gearhart '15. She told him and the others in attendance to learn from her story — UD can open doors to the rest of your life, and what a good life it is.

Hidden no more

Don Asher, known as America's job search guru, will speak at 6 p.m. Tuesday, Oct. 17, on "Cracking the Hidden Job Market." Dayton-area alumni can attend the campus event, and alumni everywhere can participate via simulcast online. Asher's campus talks are supported by the offices of alumni outreach, career services and enrollment management. Details at alumni.udayton.edu.

ALUMNI BOOKSHELF

Putting Makeup on Dead People

/JEN VIOLI '96/

Hurricane Katrina scattered members of the University of New Orleans creative writing MFA program, blowing Violi north to Dayton. That's when the seed of the story that had been germinating since her father's death in 1988 took root. "I always knew I was going to write about loss, honoring my dad and exploring my own healing through fiction," she says. What began as a short story cycle evolved into an absorbing young adult novel in which high-schooler Donna deals with the grief of her father's death by finding her own path in life. Violi sets the story in Dayton and hopes readers will forgive Donna, who turns down UD for mortuary school.

Fastened to a Dying Animal

/GARY LEISING '95/

Leising forages for free coffee in the offices at Utica College N.Y., where he teaches creative writing and contemporary literature. In its absence, he grudgingly visits the overpriced campus coffee cart where he is repeatedly stuck behind a customer with a complicated order. He turned his impatience into "Your Punishment in Hell," one poem in his new book of poetry. "I try to engage readers with a lot of humor and, I hope, a sense of assertion and self-deprecation," he says. His poems deal with questions of mortality through symbolism of the human animal. But don't take him too seriously. Every bit of venom he directs at a character illustrates he's as flawed as you all, just more creative in showing it.



Parenting Your Adult Child

/SUSAN VEIHEFFER VOGT '69/

A mother of four, Vogt gives parents hope, guidance and support as she addresses the personal and spiritual formation of adult children. She writes from a Catholic perspective but provides lessons for families of any faith. "The kids don't always follow the path we hoped or wanted for them ... but that's part of our faith journey — learning how to let go and trust God." A professional Catholic family minister for more than 30 years with husband Jim '68, she is also a vowed lay Marianist and points to Mary's formation of Jesus — and by Jesus — as instructive for parents: Our children form us.

A Year of Hitchcock

/JIM MCDEVITT '96/

Call it a bucket-list item, maybe two. McDevitt not only wrote a book, but he spent a year watching every Alfred Hitchcock film, one per week, to do it. The result is *A Year of Hitchcock: 52 Weeks with the Master of Suspense*, released in hardcover two years ago and coming out in paperback in October. From *The Lodger* (1927) to *Family Plot* (1976), the book traces Hitchcock's career film by film with synopses, trivia and a "Where's Hitchcock?" box for spotting the director's clever cameos. "Hitchcock's films are endlessly fascinating, even after many repeat viewings," McDevitt says.

—Michelle Tedford and Matthew Dewald

Run to remember

For a mid-August morning, the weather was mercifully cool — 60 degrees and light rain. Colleen Van Tiem '06 and cousin Jen ran along the dirt trails of Bald Mountain in preparation for a marathon. They ran 16 miles without stopping — in part to stay ahead of the swarm of mosquitoes just a footfall behind.

Some days, Van Tiem runs to remember the happy times with boyfriend Dan Haubert '06. Other days, when she's sad or confused, she runs to help process what's happened with life.

But most of all, Van Tiem and dozens of family and friends throughout the country run to remember Haubert, an exuberant entrepreneur who died by suicide in 2009.

Of running, she says, "It's what saved us and brought us together."

Since 2009, supporters have been gathering to run marathons and raise money for the Dan Haubert Memorial Scholarship Fund, which this year will be awarded to a UD entrepreneurship major whose aspirations exemplify Haubert — founder of more than 10 businesses including an event ticket search site, a charismatic leader who brought people together, a mentor always ready to help others.

The night of Haubert's funeral, Van Tiem and Adam Rathge '06 made a pinky swear — we will lean on each other and cope using running as a kind of moving therapy.

Eleven weeks later, with 10 fans along for support and joined by runner Anna Young '08,

they ran the Walt Disney World Marathon. There, they realized they had found something important that needed to endure.

Kevin Kirkpatrick '06 — a former football and lacrosse player who had never before run more than 4 miles at a time — came to Disney as a fan and left pledging to run in Haubert's memory. Kirkpatrick's training now includes long weekend runs joined by four Chicago-area friends who also train for the Haubert memorial runs.

When he runs, Kirkpatrick says, "I remember the good times I had with Dan, and it pushes me through the tough miles and tough stretches ... to know how proud he would be of me."

For the second annual run in 2010, 25 runners converged in Las Vegas from California, Florida, Illinois, Michigan and beyond. For the third run, they've chosen the Oct. 2 Twin



Dan Haubert continues to bring friends together, here at the Rock 'n' Roll Las Vegas Marathon. Donations for the 2011 memorial run are accepted at www.gofundme.com/andnowwerun.

Cities marathon and 10-miler. More are welcomed into the event every year.

Says Rathge, "The marathon is a celebration of life, Dan's life in particular, but life in general and bringing people together the way Dan did."

In addition to running, Van Tiem has found blogging another important way to cope with suicide, raise awareness and reach out to people. She and others share thoughts and organize runs online at andnowwerun.posterous.com.

They also organize fundraisers there. While the run was conceived to help cope with death, the scholarship fund was conceived to help celebrate life. Mike Jackson '06, who worked with Haubert in UD's Davis Center for Portfolio Management, helped combine the Davis Center alumni group's plans to endow a scholarship with one to remember Haubert. To date, they have raised \$40,000.

"Dan is why the run and scholarship are successful," says Jackson, who plans to run the Twin Cities 10-miler.

The scholarship is a way to carry forward Haubert's love for UD, a love shared by his friends.

"To give that experience to a UD student is a way for his legacy to live on," Van Tiem says.

—Michelle Tedford



New York/New Jersey

From a luxury party suite in the Staten Island Yankees minor league baseball stadium, New York and New Jersey alumni look across the water toward the towering Manhattan skyline.

When the game is over, the sky between the boroughs erupts with fireworks. A windy ferry ride to and from the annual alumni event sends alumni floating past the Statue of Liberty.

Incoming chapter president Kevin Stacey '06 says not many alumni get to see something that cool on the commute to a chapter event. He continues, "That's the excitement of living in New York City. It's one of a kind."

The city offers plenty of activities for UD's New York/New Jersey chapter, 3,526 strong. Alumni are attracted to the area, as exiting president Steve DeFilippis '92 explains, because you can do anything there. "It has everything to offer, period."

Chapter events range from wine tastings to game watches. With basketball such a big part of UD's culture, DeFilippis says anytime a game is in the vicinity, events are huge. Alumni attend games at Fordham University in the Bronx when the Flyers travel there. Host for the NIT finals in 2009, the chapter welcomed alumni from all over the country to New York for the games at Madison Square Garden.

Alumni love to participate in Christmas off Campus. Held at the Covenant House for more than 20 years and counting, Santa Claus always makes a visit, bearing gifts for everyone.

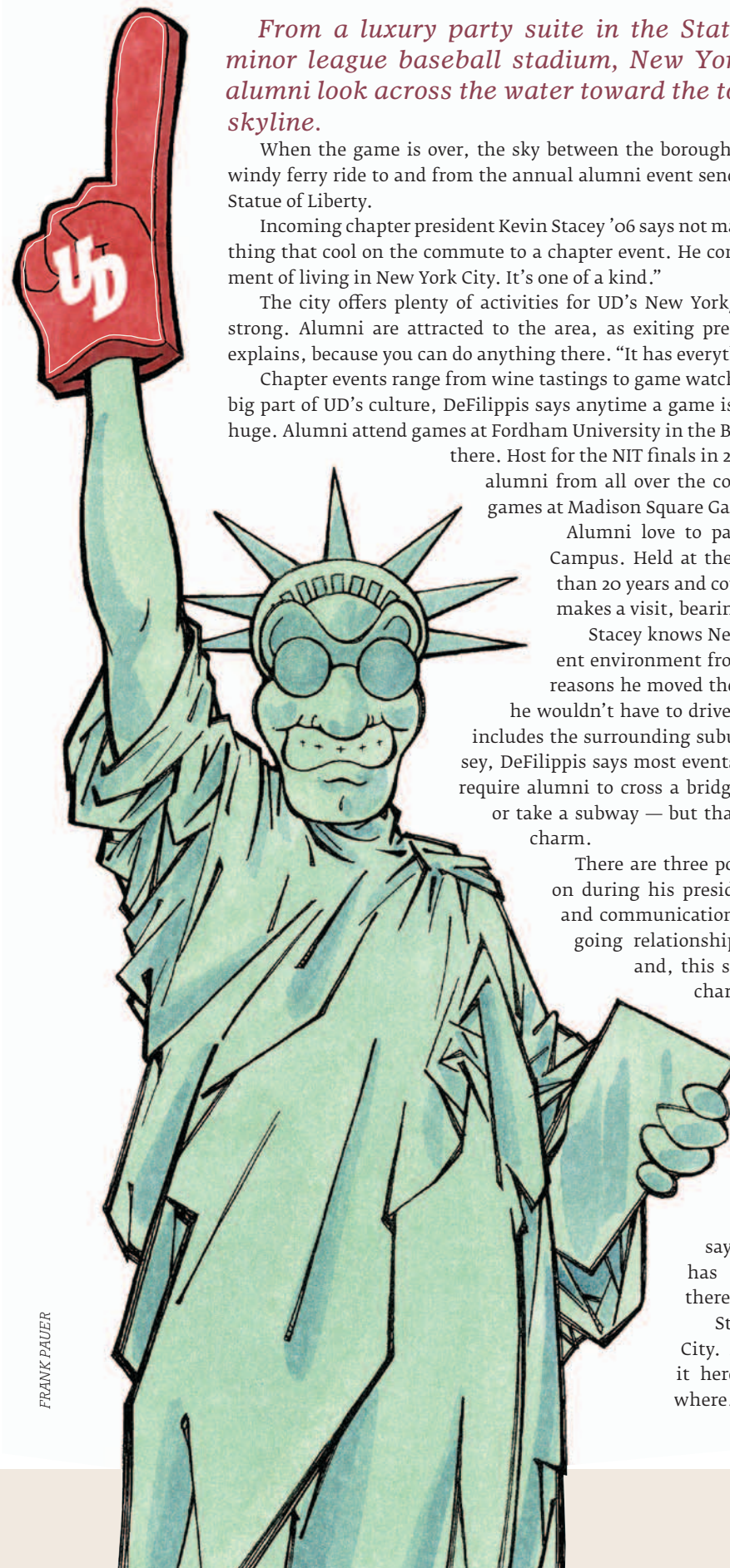
Stacey knows New York City is a very different environment from the Midwest; one of the reasons he moved there after graduation was so he wouldn't have to drive a car. Though the chapter includes the surrounding suburbs and northern New Jersey, DeFilippis says most events take place in the city and require alumni to cross a bridge, travel through a tunnel or take a subway — but that's part of New York City's charm.

There are three points Stacey wants to focus on during his presidency: consistency, variety and communication. He plans to build an ongoing relationship with a Catholic charity and, this summer, he put on a co-ed charity softball game. With the arrival of fall, the chapter held a back-to-school event for current Flyers and their families.

"I could hit a golf ball in any direction from my house and I'd hit an alum," DeFilippis says. With all that the area has to offer, it's no surprise there are so many around.

Stacey says, "It's New York City. ... If a UD alum can make it here, they can make it anywhere."

—Meredith Hirt '13



HOW DO YOU SHOW OFF NEW YORK?



1. CONEY ISLAND

Chris and Cindy Majewski Sippel '81 took their daughter's UD friends to Coney Island to experience Brooklyn history, "not to mention getting to ride the Cyclone and having a few Nathan's hot dogs."

2. KARAOKE U2

After riding an elevator to the basement to find a poorly marked doorway, Emily Cipolla '09 surprised her high school friends with this underground karaoke bar on St. Marks Place. "There's nothing like belting out old songs with good friends!"

3. STONE STREET TAVERN

Keith Powers '05 took a fellow grad to this bar in the financial district for happy hour to be outside with all the people and energy. He also likes to take visitors to Yankees games, "since they're the best team in baseball."

4. RADIANCE TEA HOUSE & BOOKS

Within walking distance of Fifth Avenue, Central Park and the iconic "Love" statue, Lydia Hirt '07 took her mother and younger sister to Radiance on West 55th for "a fabulous tea tasting and to enjoy their delicious dumplings."

5. HIGH LINE

Brian Torpey '07 took his father to this park, which stretches through three Manhattan neighborhoods. "It's fascinating to see how it has been revitalized by making an old section of railroad tracks into a park."



His biggest sale

Fiore Talarico '74 knows how to make the sale.

During his multifaceted career, Talarico, a retired Houston businessman, has bought and sold close to 40 companies in industries ranging from pharmaceutical research to pizza. He's worked as a venture capitalist, a fundraiser for John McCain's 2008 presidential campaign and an adviser for a national security think tank.

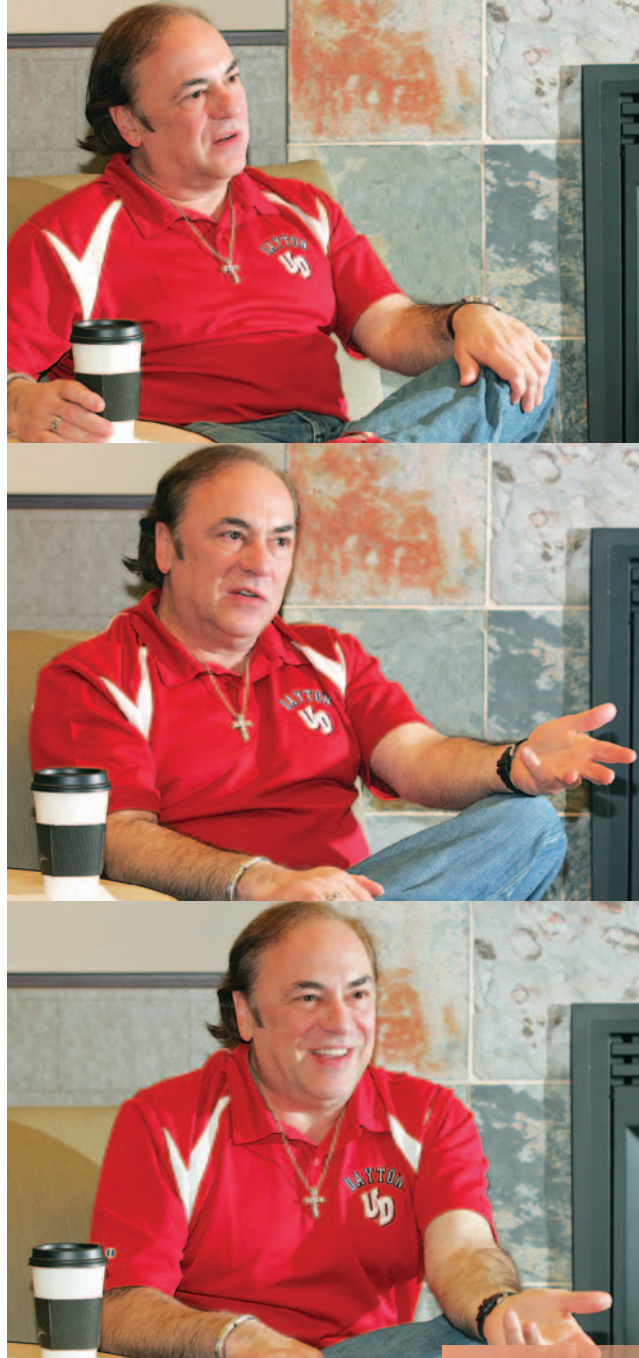
Regardless of the industry, Talarico says that the selling process begins long before one lands a position with a company or makes a deal.

"If you want to get a job, how do you do that? You have to know how to sell yourself," he says.

Now he's helping other Flyers become just as adept at the art of selling. Talarico is giving the University a \$1 million gift over a five-year period to support the Center for Professional Selling, launched in May 2010. As the call for sales training across disciplines continues to rise from employers and students alike, the School of Business Administration wanted to take advantage of the opportunity to meet that growing demand. The center is one of about 50 at colleges and universities nationwide.

And because of Talarico's contribution — a gift described as "transformational" by Matthew Shank, former dean of the school who became president of Marymount University in Virginia this summer — the center will take a large step toward accomplishing significant goals that will help students become more competitive in the job market and workplace.

"Selling is important for people from all walks of life," Talarico said. "This will help more than just future business leaders — all kids can benefit from selling. We want kids at the Uni-



SKIP PETERSON

basketball game three years ago.

Talarico was sold.

"He expressed an interest in sales and stressed its importance for all students," Shank said. "He's an advocate for having students understand the role of sales in their career goals."

Talarico should know. He's come a long way from that day in late 1970 when he boarded a bus in Allendale, N.J., with two suitcases in hand. "All that I had," he said.

He undertook a two-day journey to Dayton, and the bus dropped him off downtown. He asked some friendly locals for help, and they directed him to campus, telling him to look for the Big Boy statue near the entrance.

Big Boy is long gone, but Talarico's fond memories of his time at the University remain. Today, Talarico actively works to recruit students in the Houston area to the University and invites them to alumni gatherings he hosts at his home and at sporting events. His ongoing enthusiasm even convinced his nephew, Andrew McClain, to transfer to the University. And now his son, Jared, has made the move.

Selling the University to students might be Talarico's most fulfilling endeavor.

—Shannon Shelton Miller

versity of Dayton to be a step ahead."

Talarico's gift will help fund equipment needs for the center, provide support for students participating each year in the National Collegiate Sales Competition and be used to help promote the center.

Shank said the center is securing corporate partnerships designed to provide internship and full-time job placement opportunities for students. So far, it has secured two — Total Quality Logistics Inc. and Reynolds and Reynolds have signed on as partners — but the center hopes to have between eight and 10 partners in the near future.

The gift is three years in the making. Shank first mentioned the idea of the center to Talarico when the two were enjoying pizza, pool and a Dayton Flyers

50 Approximate number of professional selling programs at universities nationally

50 Percent of U.S. college graduates entering the work force, regardless of major, who choose sales as their first career

60 Percent of first-time sales people in the United States who either resign or are terminated from their first jobs due to misalignment

110 UD marketing majors graduating between May 2007 and May 2010 with the sales management emphasis

300 UD students expected to enroll in Principles of Selling and Sales Management courses this academic year

60 Percent of UD students taking sales courses who are marketing majors, the largest major in the School of Business Administration

Beat X

We won the cup and we never gave it up.

It was Nov. 4, 1972, and there was a lot on the line, including the silver Governor's Cup, first awarded in 1929 by Ohio Gov. Myers Cooper to the winner of the UD-Xavier football rivalry and taken home by the victors every game since. It was also UD's homecoming at Baujan Field, and the Flyers were looking to improve on their 20-27-3 series record against the Musketeers going back to 1907.

But Xavier had more at risk. Its football team was losing games, losing money and, possibly, losing the program.

Musketeer quarterback Tim Dydo set Xavier records, attempting 60 passes and completing 31 for 337 yards. But Flyer quarterback Ken Polke '75 repeatedly turned to Denny Whitehead '73, who picked up 139 yards and three touchdowns in what *Flyer News* called "his finest afternoon in a Dayton uniform."

The game's score is etched on a silver plate on the trophy's wooden stand: 31 Dayton – Xavier 13.

It's the last series statistic. In 1973, Xavier's board of trustees ended the school's football program, and Dayton kept the cup.

Fast forward to 2002. UD Arena is being renovated, and equipment manager Tony Caruso '81 rescues the trophy that was once stored in the north air-handling room with scores of other memorabilia. Today, you'll find it atop a worn wooden wall cabinet outside his office near the football locker room.

He's surrounded by history he's saved. There's a 1949 pigskin signed by the team. On a high shelf is a brass basketball given by the Rotary Club to the 1952 basketball team. He has a brass football presented Jan. 18, 1955, at a dinner for legendary football coach Harry Baujan in honor of 33 years of service; he'd work at UD for 21 more until his death Dec. 30, 1976.

"I keep all of the old stuff — you can't go forward until you see where you've been," says Caruso, who played baseball from 1977-81, coached through the '80s and has worked with the athletics programs ever since.

In the room with industrial-sized washers are more than 40 football helmets, some from college teams that no longer exist. You can hang your coat on a four-and-a-half-foot trophy that sits by his office door; it's the TOMPROP, a steel airplane propeller affixed with a brass tomahawk that passed between the Miami University and Dayton football programs from 1935 to 1955.

These traveling trophies are among his favorites. And he's in search of one more. He's heard rumor of the Flying Cleat, golden with wings, passed between Marshall and Dayton. Caruso has made some calls, but no one knows where it is.

"It's in the trash or someone's house somewhere," he says. Or maybe it's a hidden treasure in plain sight, being guarded by another history buff like Caruso.

—Michelle Tedford



Reflections from Burundi

Music is a universal language that transcends all language barriers, and I enjoyed much singing and dancing while in Matana, Burundi, in east-central Africa. My body swayed from side to side in the easy rhythm of soothing music with sing-song melodic tones. Choral music, or *indirimbo*, is a fundamental part of Burundian music culture, and the multitude of church choirs (i.e., adult, youth, children, professionals, visiting) produce music full of calm, subtle and poetic feelings, with echoes of Christian plainchant or plainsong.

There were many choirs: one for the Wednesday morning service for the Bible College, four at the Lenten Saturday service at one of the sub-parishes and six at the cathedral on Sunday. For each choir, there was always a soloist who began singing somewhere among the seated parishioners. After several

I never saw an identifiable choir director and there was no written music, yet all seemed to know what to do.

opening lines of the song, the other choir members joined in as they moved to assemble in front of the chancel. I never saw an identifiable choir director and there was no written music, yet all seemed to know what to do. Foot stomping, hand clapping and synchronized hand motions, with an occasional breaking out into spontaneous dancing, were all part of the joyful celebration, the drum their only instrumental accompaniment.

Leaders within the Anglican Communion are quietly working to confront the socio-cultural, economic and development challenges facing Burundi — landlocked with Rwanda to the north, Tanzania to the east and Democratic Republic of the Congo to the west. In late March, I spent a week in Matana, a commune or village within the province of Bururi, located two hours south of the capital city of Bujumbura; a place so small it does not appear on any map.

Kirundi is the language of Burundi, and it is difficult and complex to learn. A tonal language, there are five vowels (long and short); the number of consonants (both silent and spoken) can vary from 19 to 26; and there are high and low tones. During my visit, I managed to

'Another Set of Assumptions 2d'



—John Antoine Labadie '73
<http://www.steppingstonearts.net/>

master only *amahoro*, or peace, which is widely used in greetings. Still, it would seem that *hal-lelujah* and *amen* are universal words, and I was able to sing along in English with some of the familiar old spirituals.

On my last day in Matana, I joined the Sunday worship service at the cathedral, built from 5,000 handmade bricks contributed by the villagers. As is their tradition, all of the young

people were seated on backless benches in the front of the church: the Bible and institute students seated to the left, the secondary students seated to the right, and the young children (ages 3 to 12) seated in the front of the pulpit. I lost count, but there were easily 300 children and youth seated before me and another 700 adults seated behind.

My fondest memory was hearing the sweet

little voice of a 3-year-old girl seated somewhere among them, singing the beginning chords of a song before the other children joined in. As the little ones quietly and orderly moved off the benches and began to gather on the steps up front, they sang a song about being children of God, reminding their parents to love and to take care of them. After their second selection, all of the young mothers brought their infants up in their arms or on their backs to join the children's choir so that the church could pray for all of the children in the congregation. It was a long, heartfelt prayer, offered by a disabled mother whose legs had atrophied beneath her, who walked on her hands slid into flip-flops and who had adopted an orphaned infant from the hospital six years ago.

A country torn by years of civil and ethnic war, poverty-stricken Burundi is a country for which I have great hope, for I am convinced that it will be the children who will lead this country into a new beginning of peace, renewal, love, reconciliation and forgiveness.

Amahoro.

—Westina Matthews Shatteen '70, '74

This past year, Matthews Shatteen, a former trustee, was a fellow at the Weatherhead Center for International Affairs at Harvard University, where her research focused on women and girls in Burundi.

The livin' was easy

Summer officially begins June 21. At least that's what the calendar states.

But for me, that's always been more of a technicality.

With my calendar, summer holds the firm time frame between Memorial Day and Labor Day.

When I was a kid in Nebraska, we had a cabin on a little lake about 15 minutes from our house. We owned the cabin with two other families and took turns enjoying it following a prearranged schedule that our parents set up at the beginning of each summer. However, we always celebrated Memorial Day and Labor Day together. All 20-something of us.

Our Memorial Day bash was the official opening of the summer season. We'd pull our

Among the weeds

I love working in my garden — a little “back to nature” without too much physical labor. Sometimes it's a good time for prayer and reflection for me, too. God speaks when we are quiet and listening.

Today is no different. I am up early. Gonna get those weeds that need to be pulled before the sun gets too hot.

Weeds — the things that shouldn't be there in life. They start out small and harmless but grow to take over and strangle out your garden.

Get rid of the weeds. Keeping us on the right path in God's plan.

I get to my strawberry plants, nice healthy plants. But the problem is that I've had this patch for more than five years, and they still don't produce hardly anything — just a few tiny berries that I or Montana (our dog) eat out of the garden. Nothing that I could ever use for cooking or anything.

I remember that verse: “If it bears no

Weeds — the things that shouldn't be there in life. They start out small and harmless but grow to take over and strangle out your garden.

fruit ...”

Time to pull them out and plant something else that will produce something. Time to change direction, start new.

Finally, as I get to the back corner of my garden, my hand brushes against something furry. I scream and jump back, but it doesn't move.

Cautiously, I peer under the corner tomato plant, and in the midst of the strawberries, I see three pairs of eyes peeping out at me.

Baby bunnies ... too scared to move.

OK, I think, it's time to regroup. What now, God? I have weeds and fruitless strawberry plants and a family of bunnies in the back of my garden.

Who says that God doesn't throw us a curveball every now and then just to keep us on our toes? (“My ways are not your ways.”)

I am sure He is laughing right now. Guess I can probably say goodbye to my beans, too.

—Laura Konikowski Bade '85

little speedboat out of storage, haul out all of the swimming toys and life jackets, rake down the sand on the beach, and air out the cabin as all of us — pale from the winter — celebrated the beginning of yet another hot Nebraska summer. For us children, who had typically finished the last day of school in the prior week, it was our first opportunity to taste the freedom of summer.

This was not a fancy cabin. It had two bedrooms, the coolest of which had bunk beds. It had a big patio facing the lake, and a long, sloping sandy beach. And all of the furnishings were a mishmash of old relics from the three families.

Three months after our Memorial Day bash, we were back together again, this time at our Labor Day party. More relaxed and tanned than we had been on Memorial Day, we enjoyed one more final hurrah before we returned to school, studies and schedules.

In between those two parties, we welcomed a life that slowed down.

We had a revolving door of friends and families out to the cabin.

We took time for each other.

We grilled.

We played board games.

We hung out.

My brothers seemed to tolerate me more. Sometimes, I even thought they liked me.

My dad was more playful.

Our dog ran loose.

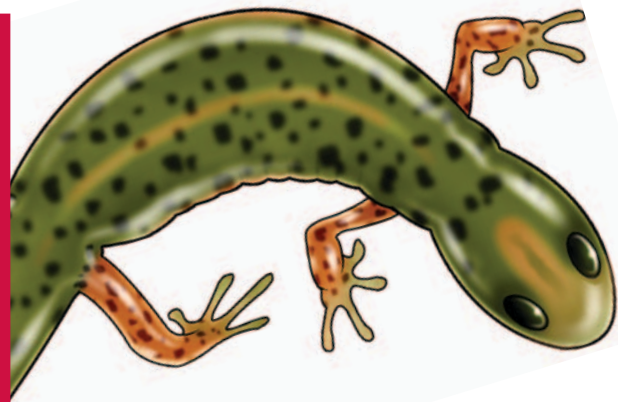
We kept the windows open at night and could hear the steady sound of trains on nearby tracks.

We did this every year.

Enjoying the sounds, the tastes, the smells, the sights and the feel of summer.

—Jim Higley

Excerpted from *Bobblehead Dad: 25 Life Lessons I Forgot I Knew* (Greenleaf 2011). Kevin Higley, Jim's son, graduated in May with a degree in entrepreneurship.



Notes on regeneration

I confess that when I think about regeneration, the subject of one of this issue's features, my thoughts are not about science so much as science fiction and mythology. I think of poor Prometheus chained to that rock, his liver growing back each night so that an eagle could return to devour it each day. It was his eternal punishment from Zeus for giving fire to us mortals. Some days I think I know how he must've felt.

But such thoughts mark one difference between me, an editor, and a scientist like UD's Panagiotis Tsonis. In the capacity of a newt to regenerate the lens of its eye, he sees the possibility of one day unlocking similar mechanisms in our own mammalian bodies. A fountain of youth may dwell within us all — but here I am thinking in metaphors again.

You can see regeneration as a more purposeful metaphor in this issue's story on the River Stewards, who are helping put the region back in touch with the five rivers that the city's founders first settled around. As a community, we turned our collective

back on them a century ago, answering a devastating flood with high levees. Today, regional leaders look hopefully at a renewed embrace. Recreation and tourism, economic development, environmental stewardship — they could all flow together in the plans being laid today with the help of our students and their boundless visions of what the future can be.

The rebirth of the river is but one sign of a broader renewal throughout the region, driven in part by a regeneration of the University itself. This fall marks the beginning of the 10th year of Daniel J. Curran's presidency at UD. As another feature story notes, the University has experienced a remarkable decade by any measure — the academic strength and geographic diversity of incoming classes, physical growth, infrastructure improvements, endowment health, internationalization and more.

It results from careful planning and calculated risk taking, of course, but those are tactics any well-run organization might claim. More than those, the momentum springs from

our Marianist vision, our commitment to, in the words of Father Chaminade who founded the Marianists, read the signs of the times and act. The University community has acted boldly and with ingenuity under Dr. Curran's leadership, positioning the institution for decades to come.

I see the changes daily outside my office windows, which overlook the 50 acres UD purchased from NCR in 2005. Tennis courts have sprung up and soccer practice fields are dramatically improved. Further in the distance, ground has been broken for the new GE Aviation R&D center.

And across Brown Street, life has returned to campus classrooms and the student neighborhoods after a long, hot summer. With the new generation of students, there is also a regeneration of our Marianist commitment to educate for adaptation and change in community.

And maybe that, too, is a little how Prometheus must've felt when he handed over the secret of fire.

Matthew Dewald
—Matthew Dewald
EDITOR



CAN ONE \$25
GIFT TO UD
CHANGE THE
WORLD?

WELL, IT'S
COMPLICATED.

One answer doesn't ace a test and a single basket doesn't win a basketball game, after all.

But every answer and every basket are important, just like every gift, no matter the size, helps us set our aspirations even higher.

An annual gift to UD isn't just about the dollars. Yes, they matter, but here's the real difference between one \$250,000 gift and 10,000 \$25 gifts — 9,999 more alumni making their voices heard.

Every alumni gift says you believe in the promise of UD.

It's another way to cheer, "Go Flyers!" loud and clear. A meaningful way to support a student today.

A heartfelt way to say, "I love UD."

supportUDfund.udayton.edu / 888-253-2383





TIME LAPSE



In its inaugural season in 1961-62, the UD Arts Series landed a genuine legend, singer Marian Anderson (left), who went on to receive the Presidential Medal of Freedom, Kennedy Center Honors and a Grammy Lifetime Achievement Award. Over the years, the series has drawn many notables to campus, including Ella Fitzgerald, Robert Penn Warren, Carlos Montoya, Edward Albee and Marcel Marceau. Another luminary will help the Arts Series celebrate its 50th anniversary this year: pianist Menahem Pressler, a founding member of the Beaux Arts Trio, which The Washington Post calls “the gold standard for trios throughout the world.” Also highlighting this season are, pictured above top to bottom, Victorie, Imani Winds and Sō Percussion.

Photo (left) courtesy of University archives