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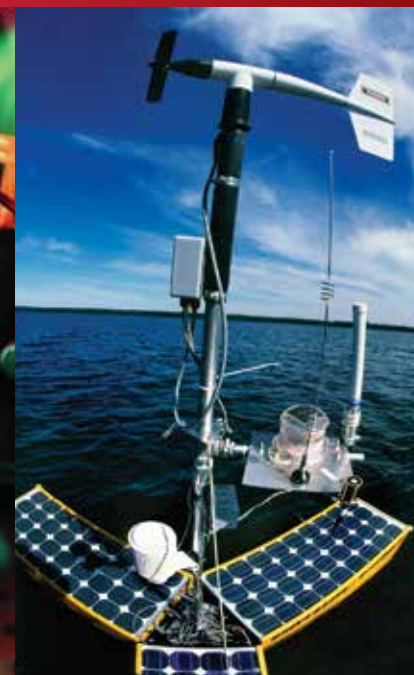
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The W — a letter near and dear to Badgers — decorates the mortarboard of a graduate-to-be. Photo by Jeff Miller.



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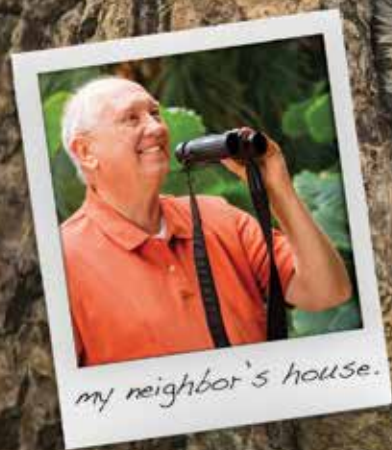
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It's not easy being quarterly. With news breaking all around us, publishing *On Wisconsin* about every three months gives us some challenges — and some competition that we don't even try to take on.

A survey conducted in 2014 by the American Press Institute found that "the average American adult uses four different devices

or technologies for news." Americans turn to their TVs, laptops or computers, radios, paper newspapers or magazines, cell phones, or tablets to consume news, and three-quarters of them seek out news at least daily. While the survey also found that 78 percent of smartphone users get news via their devices (as do 73 percent of tablet owners), "they are no more or less likely than everyone else to use print publications, television, or radio to access the news."

Well, that's a relief. The good news is that magazines are still on their radar. The bad news for us is timing. We've had to lament the fact that the governor didn't check with us about our publication schedule before he announced his budget proposal. And what's with the NCAA tournament? Couldn't officials pick a day for the championship game that coincided with our to-press date so that we could appear to be on top of things? And we've lost count of how many times groundbreaking research papers are published right after we mail an issue. Sigh.

But a few years ago, a wise member of our editorial advisory board said four words that have guided us ever since: "Be topical, not timely." Following that wisdom allows us to ignore the daily sports scores, stop being envious of headlines about the latest scientific discovery, and take a different approach with our stories, whether we present them in our print magazine or on our website.

These stories often reflect your preferences. Our most recent survey conducted by the Council for Advancement and Support of Education found that our readers like topics including campus history and traditions, issues in higher education, faculty research, environmental issues, arts and culture, and more.

And alumni across the country tell us that *On Wisconsin* is their number one source for information about UW-Madison. We like the sound of that, so we're going to continue bringing you that content, one quarter at a time.



We feel your pain: as a quarterly magazine, *On Wisconsin* sometimes just misses the breaking news, including that NCAA championship game.

JEFF MILLER

Cindy Foss and Niki Denison
Co-Editors

Old Buildings Evoke Nostalgia

Thanks for the memories! ["Old School," Spring 2015 *On Wisconsin*]. The grace and charm of old buildings cannot be replaced. It is sad, but change is inevitable.

Kristy Arthur

"Old School" brought back many memories of my time in Madison, both as a child growing up and as a university student. I attended Wisconsin High for three years before it closed in 1964 (not 1962, as you stated). I know this because it was my father, Lindley Stiles, who closed it. He was the dean of education at the time and felt the school had outlived its purpose. To say there was a lot of descending on our house over this is an understatement. There was even picketing on Bascom Hill, which I was not allowed to attend.

*Trish [Patricia] Stiles Good '71
Hummelstown, Pennsylvania*

I read with a great deal of interest Jenny Price's piece "Old School." I am a 1990 graduate and often visit our daughter, who is a junior at UW-Madison. It is fascinating [to see] the changes that have taken place in a mere twenty-five years. My grandfather, William Mathee, attended the UW between 1915 and 1917.

Please email magazine-related comments to onwisconsin@uwalumni.com; mail a letter to *On Wisconsin*, 650 North Lake Street, Madison, WI 53706; or fax us at 608-265-2771. We reserve the right to edit letters for length and/or clarity. We also welcome your tweets and comments:



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James Mathee sent this photo of the Madison capitol taken by his grandfather, William Mathee, sometime between 1915 and 1917.

Photography was a hobby of his, and he passed on a couple of photo albums with some really interesting shots of Madison and the UW campus. [One of them was this] beautiful shot of the capitol building at night (above).

*James Mathee '90
Cedarburg, Wisconsin*

I read the piece on UW buildings long gone and wanted to provide another perspective on Union South. I worked at Union South when it first opened — at the info desk and later in the games room.

The physical building may have been less than "warm," but a lot of fun was had there. It was the first location of the Kentucky Fried Theater; the Red Oak Grill had great steak sandwiches; and lots of great pool and bowling went on. The lounge had a really cool jukebox. I heard some of the best '70s music in that lounge. So the building might have been cold, but it hosted many hot days and nights.

*Pam Butler '73
Chicago*

Your article "Old School" did indeed evoke memories here, as well as tears of joy. At ages seven to nine, in the 1930s, my friend Sue and I explored the shore of Lake Mendota from the back of the Phi Gamma Delta house to the willows, with stopoffs on the hill. We looked for mud puppies and unusual stones, and when that proved boring, we climbed the hill and peeked in the doors of Music Hall, the zoology building, and Bascom Hall, and went up the ski jump. We saw the Union Theater being built and got thrown out of the boathouse. "What are you two doing here?" and, "Do your folks know where you are?" followed us everywhere. What fun! I lost track of Sue as we grew older, but I will never forget her and the times we spent together.

*Dolores Simms Greene '51
Gainesville, Florida*

Ugh — those old quonset hut classrooms, with their pre-AC "polar" hot/cold temperatures! Your photo gallery brings back many memories.

Mary Daniel

We're Em-bear-assed

I very much enjoyed the piece on Phil Rosenthal ["Staying Power," Fall 2015]. In particular, I cheered the fact that "...after more than thirty years in the newspaper business," he had covered grizzly crime scenes and survived. Those bears are very dangerous!

*Lona Morris Jupiter '56
San Francisco, California*

The Best Class I Ever Took

["The Warlord's Biographer," Spring 2015, was an] excellent article! Brian [Glyn] Williams was my teacher back in Madison (1998, I think) for a Central Asian Studies class, and it was the best class I ever took. Your article definitely took me back. He's an incredible teacher, and it's great to see that he's out in the field pursuing more knowledge in a part of the world that Americans still know so little about.

Sam Pearce

Bascom Hill Cemetery

[In regard to the Spring 2015 Traditions, "Displays on Bascom Hill"]: In 1968, at the height of the war in Vietnam, students awoke one morning to find Bascom Hill covered with crosses painted white (just like the crosses in the cemetery at Omaha Beach in France) and a sign that said only, "Class of 1968." This image and memory have stayed with me all these years.

*Elinor Sosne MA'69, PhD'74
Arlington, Virginia*

A Historic Visit

[In regard to Flashback in the Spring 2015 issue]: When I was an eleven-year-old, my mother, Etta Wittchow Barfknecht '31, brought me to Madison to see and hear one of the great world leaders [Jawaharlal Nehru]. Thank you for reminding me of that day.

*Charles Barfknecht '60
Iowa City, Iowa*

juedes03



bizarre1



caycejosborne



malvika_singh22



prveen



erikajanik



tweets

@luidapack

I miss @NIGEL_HAYES vocabulary lessons.
#OnWisconsin #buckyBadger #caddywhompus

@reesetrav

My school made it to the final four and found a vaccine for Ebola in one week, what did your school do? #Badgers #FinalFour #OnWisconsin

@CarlJamesGrahn

Just saw Frank the Tank and the entire car freaked out @UWMadison

@JohnGraber

I'm one ridiculously happy @WisAlumni (and now @UWparent) today. My oldest got word he will be a #FutureBadger in @UWMadEngr at @UWMadison!

@ashleytrewartha

Registered through @WisAlumni and ready to donate once we know the impact of budget cuts. Keep speaking up, Alumni, we have power together.

@KaylinWeber

My two year old niece told me "Bucky is so beautiful" so it must be true. #futurebadger

@del518

Just met some fellow Badgers at a southern Colorado gas station. One had a Grateful Red shirt on. Amazing.

@cmcasarez

Happy to see the @BigTenNetwork is doing a story on @UWMadison's @UWPEOPLEScholar Program. Wouldn't be where I am today without it.

@juliewerner

Former MLB Com. Selig guest lectured in my sports history class today. It's things like this that make me want to stay @UWMadison forever.

scene

Francis Kaminsky III '15 and his basketball prowess eclipse the sun.

The senior forward led the UW men's team to a Big Ten title and the NCAA championship game, and along the way, he won all major national player-of-the-year honors: the Naismith Award, the Associated Press Player of the Year, the John Wooden Award, the Oscar Robertson Trophy, the Adolph Rupp Trophy, and the National Association of Basketball Coaches' Player of the Year honor. He's the first Badger to win any of these awards.



How to Beat Ebola

UW scientists make encouraging progress toward a vaccine.

All science has a backstory, and the development of a safe, effective, whole-virus Ebola vaccine in the lab of UW-Madison virologist **Yoshihiro Kawaoka** is no exception.

The new vaccine, which was described in a report in the journal *Science* in March, has advantages over other experimental vaccines because, as a whole-virus vaccine, all of the viral proteins and genomic materials needed to prime the host immune system and confer immunity are present. Other vaccines use bits and pieces of the Ebola virus to elicit an immune response.

The Wisconsin vaccine has been proven in monkeys — a critical hurdle — but is still a long way from helping stem the tide of contagion in West Africa, which so far has claimed the lives of at least 10,000 people. But if deemed successful and safe in a human trial, the vaccine could be a game-changer, not only in its ability to help beat back a horrific disease, but also in how scientists devise new countermeasures to other viruses of medical importance.

Working with UW scientist **Peter Halfmann**, Kawaoka made the new vaccine using a technology that the two first devised in 2008. The technology, known as Delta VP30, renders the Ebola virus impotent to replicate in a host cell by excising just one of its eight genes. The gene produces a protein, VP30, that the virus needs to grow in a host cell. By engineering the same gene into monkey kidney cells, researchers can work safely with the altered virus under conditions less stringent than those required for working with unaltered live Ebola.



JEFF MILLER (4)

Kawaoka told legislators at the state capitol in April that his Ebola vaccine is about two years away from clinical trials in humans.

quick takes



A group of UW students claims to have created the world's largest Rice Krispies Treat. Led by Joe Tarnowski

x'17, Project Freshman 15,000 (which does not refer to the weight gained by participants) aimed to mix 5,500 pounds of cereal, 9,000 pounds of marshmallow, and 850 pounds of butter to make a 15,000-pound confection. Ultimately, the team made a Krispies cuboid that measured ten by ten by six-and-a-half feet. At 11,327 pounds, it fell a little short of its goal weight, but it still topped the previous record of 10,314 pounds. Yum?

Bucky Badger is on the rise!

When researchers under Chris Hittinge PhD'07, an assistant professor of genetics, discovered a rather aggressive species of yeast, it was natural to name it for UW-Madison's fierce mascot. *Blastobotrys buckinghamii* emerged from the soil of Michigan's Upper Peninsula to become one of approximately 1,500 known species of yeast, and one of eight new species the group found.

Mealworms could be the next meat replacement. According to graduate students Rachel

For vaccine development, that's important. Kawaoka explains that making a vaccine, even for a limited human trial, requires producing a lot of virus, something that can't be done in the Biosafety Level (BSL) 4 facilities where research with live Ebola is typically confined. What's more, vaccines are required to be made under what is known as Good Manufacturing Practice (GMP), a

Kawaoka's method shows that taming a feared pathogen can make it easier to study, help reduce costs, and, critically, enhance our ability to produce effective vaccines for terrible diseases.

system designed to ensure pharmaceuticals are produced consistently under controlled conditions at high quality. There are no BSL 4 facilities with a GMP system in place, Kawaoka says.

"It would be almost impossible to make this vaccine without the Delta VP30 technology," he says. "The Delta VP30 virus can be handled under BSL 3 conditions, and there are GMP-BSL 3 facilities. You need that to produce a whole-virus vaccine for a clinical trial."

The strategy to make viruses "replication incompetent" has been extended to other diseases. "We use the same concept for influenza viruses," which makes them easier to study and use, Kawaoka notes, referencing a flu vaccine developed by his company, FluGen.

The challenge with the technology is creating stable cell cultures that express the protein the altered viruses need, yet are incapable of making.

Kawaoka's method shows that taming a feared pathogen can make it easier to study, help reduce costs, and, critically, enhance our ability to produce effective vaccines for terrible diseases.

Terry Devitt '78, MA'85



COURTESY OF YOSHIHIRO KAWAOKA

In Sierra Leone, where more than 3,800 people have died from the Ebola virus, UW virologist Yoshihiro Kawaoka is analyzing blood samples from patients, including those who have survived the virus. "Not everyone dies," says Kawaoka, shown here at center with staff members at an Ebola treatment facility. More than 8,500 cases of Ebola have been confirmed in the West African country, and the goal is to combat the virus at its point of origin by identifying proteins and genes that can modify infections. The university's research team includes Alhaji N'jai (at left center), a pathological sciences research fellow who is a native of Sierra Leone, and Peter Halfmann (at left in back row), a research scientist who helped develop the whole-virus vaccine in Kawaoka's lab.



Bergmans and Valerie Stull, the critters provide an economical and sustainable source of nutrition. The students created a project to distribute kits for insect

farming in rural Zambia, and it was selected as the winner of UW-Madison's Climate Quest competition. Mealworms take up little space and require little water, and their capacity to convert feed to body mass far exceeds that of traditional livestock. And they taste a lot like Rice Krispies.

The Union Terrace will close early this season — at the beginning of September — as the Memorial Union Reinvestment project enters its second phase. The closure will allow for the construction of Alumni Park

and for Terrace improvements. The popular gathering spot will reopen in summer 2016. Get your bratwurst while you can.

Watergate chronicler Stanley Kutler passed away in April. The retired UW history professor was a champion of open records; his lawsuit against the National Archives won the release of former president Richard Nixon's White House tapes. He was the author of *The Wars of Watergate* and *Abuse of Power: The New Nixon Tapes*. Kutler was eighty years old.



Kindness in the Classroom

A study finds that early mindfulness training leads to improved academics.

What if teaching young children compassion and kindness made them better students as well as better people?

Researchers with the UW's Center for Investigating Healthy Minds at the Waisman Center recently tested that hypothesis with preschool students in the Madison Metropolitan School District, after years of work developing a curriculum designed to help children develop both kindness and self-regulation skills.

The team designed short lessons to bring attention to the present moment, such as breathing practice and movement exercises, and to focus on compassion and gratitude. Teachers reported that one of the kids' favorite activities was a practice called "Belly Buddies," in which they listened to music while lying on their backs, with a small stone resting on their stomachs. They were asked to notice the sensation of the stone, and to feel it rising and falling as they breathed in and out.

"It's something that's so simple, and it allows them to experience internal quietness



Students increased both compassion and attention with help from UW researchers, who taught them breathing exercises with "belly buddy" stones resting on their stomachs.

and a sense of calm," says **Lisa Flook**, a scientist with the center and the study's lead author.

Mindfulness-based approaches for children have become popular in recent years, but few are backed by rigorous scientific evidence. The twelve-week UW study found that kids who participated in the kindness curriculum earned higher marks in academic performance measures and showed greater improvements in areas that predict future success than kids who had not.

The findings reinforce the idea that social, emotional, and cognitive functioning are intermingled, and kids can struggle to do well in

school when emotional challenges arise, Flook says. Ultimately, the researchers would like to see mindfulness-based practices integrated into the school day and have them become a foundation for how teachers teach and how students approach learning.

Early childhood is an ideal time to equip children with these skills, since their brains are rapidly developing, Flook says. "Knowing how critical these skills are at an early age," she adds, "if there are ways to promote them, it could help set kids on a more positive life trajectory."

Kelly April Tyrrell MS'11

Career Confidence is Key

L&S program helps students build experience, connections, and confidence.

It's the most common question college students face: "What's your major?"

For many, the answer is, "I don't know yet" — much to the dismay of curious parents. But even for students who do know — the ones who have known since that first day of elementary school that they want to spend four years studying Chekhov — a major doesn't necessarily mean they have their entire career plan mapped out.

The College of Letters & Science (L&S) is there to help. Last fall L&S launched the Letters & Science Career Initiative (LSCI), funded by alumni. The program was designed to give second-year and transfer students the necessary skills to jumpstart their careers after graduation.

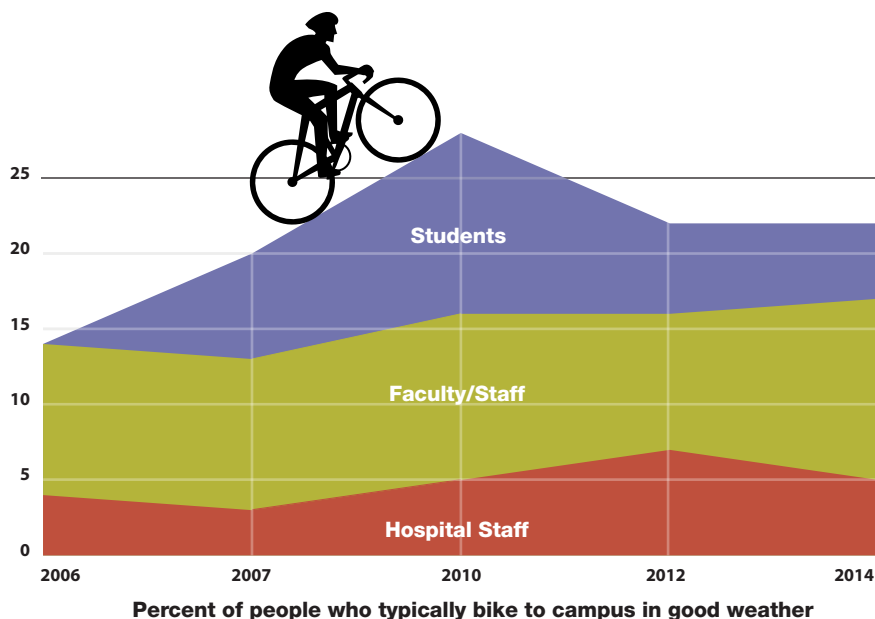
There are currently two main sections of LSCI: Inter-L&S 210 and Career Kickstart. Inter-L&S 210 is a one-credit course, rolled out at the start of 2015. Students alternate weekly between attending lectures by Professor **Greg Downey** and gaining hands-on, practical experience in "lab" sessions. At the end of the semester, each student will have compiled an ePortfolio documenting his or her personal journey throughout the course.

"One thing we're trying to do is give students a scheme, a language, and a set of tools for talking about what they've done in the past, what they want to do in the future, what they think they can bring to an organization — and to be able to really communicate that," says Downey, the associate dean of L&S who helped create the course.

The second component of the LSCI, Career Kickstart, is a residential program that will launch in fall 2015. Based in Ogg Hall, the program will offer on-site advising, resume and interview workshops, and special access to employers and alumni. There will also be a specialized section of Inter-L&S 210 for Ogg Hall residents.

According to **Jon Cleveland**, assistant director of career education, building confidence is a key part of the Career Kickstart program. "Students are going to walk away from the year in Ogg feeling more confident about where they're headed professionally," he says. "They're going to be confident they have the skills to secure an internship and a job."

Chelsea Schlecht '13



Ride Sharing?

This spring, the UW Police Department busted what it believes to be a major bicycle theft ring. Search warrants turned up more than 1,000 bikes, at least 600 of which had serial numbers that showed they were stolen from campus and elsewhere. It's likely many of those bikes belonged to UW students, faculty, and staff. According to a recent university Transportation Services survey, bicycling has been on the rise over the last decade. The UWPD is still trying to find owners for the recovered bikes. Alumni who want to find their old rides should make claims at uwpd.wisc.edu/biketheft/.

Land of Possibilities

In a new UW lab, students create cool things for our interconnected world.

Bluetooth on drones and brain-wave probes on helmets. Virtual-reality tours and food-tracking fridges. Bike racks that report theft with instant pings. These are a few of our students' favorite things — at least at UW-Madison's new Internet of Things Lab.

The "Internet of Things" [IoT] concept represents the convergence of technological advances in sensing, connectivity, cloud computing, and virtual interfaces, says **Thomas Yen MS'91, PhD'97**, the IoT Lab's technical director. A growing network of interconnected devices capture, share, and access data in real time, creating endless possibilities and an environment in which "capability can come before need," he says.

Each semester, around forty UW students are devoting their free time to finding — and solving — these needs in applications ranging from health care to retail. The IoT Lab, which opened in 2014, serves as a "technology sandbox," says **Alfonso Gutiérrez MS'94**, a research director for the lab. While students don't receive class credit, they do have a unique opportunity to "play" with the latest "toys" — things including virtual-reality headsets, radio-frequency identification tags, and armbands that record muscle movement.

So far, student teams have harnessed these technologies to begin developing a



Tyler Waite, right, uses a pair of Oculus Rift virtual-reality glasses while Stephen Monette works on computing software as part of their group's "Virtual World Builder" project.

wristband that notifies users which medications to take and when; a kitchen system that allows users to check food in and out of refrigerators, which can then synthesize shopping lists, track food expiration, and create recipes; a football helmet that can better measure concussion symptoms and communicate with medical personnel; and more.

Teams presented their innovations to some four hundred students, faculty, and industry representatives at an open house last December. With increasing interest and project sophistication, the lab hopes to augment the students' hands-on experiences by further

aligning projects with faculty research and engaging local businesses.

In addition to solving real-world problems, students are refining real-world skills such as collaboration, Yen says. Business students, for instance, have helped engineering students with market research and revenue modeling.

"Part of the purpose of the lab is not only that [students] develop ideas," Gutiérrez says, "but they learn how to work in groups, work with different disciplines, and work with different cultures."

Preston Schmitt '14

JEFF MILLER



ISTOCK

Badger Brewski

A food science course is putting a new meaning behind “microbrewery.”

How awesome would it be if you could spend the second semester of your senior year brewing craft beer and getting credit for it? With the lab section of Food Science 375: Fermented Foods and Beverages, students (ages 21 and up, of course) can do just that. And the final exam isn’t just a blue book and a No. 2 pencil: it has 5.5 percent alcohol by volume (ABV) and is currently on tap at the Memorial Union Terrace.

Professors **Hans Zoerb ’70, PhD’83** and **Jim Steele** focus on three main themes: unifying scientific concepts, dairy products, and fermentation — which is where beer comes in. All students must have taken Biochemistry 501: Introduction to Biochemistry so that they have a firm grasp of metabolic flux. Though it sounds like something out of *Back to the Future*, metabolic flux refers to where and how carbon flows through a cell. “That’s truly fermentation sciences at its most basic,” Steele says.

This class has been taught for several semesters, but it caught the attention of Wisconsin Brewing Company’s brewmaster, **Kirby Nelson**, last semester. Steele held an extension short course during Madison Craft Beer Week and brought Nelson in as a guest speaker. While exploring the department’s

mini-brewery in Babcock Hall — a donation from MillerCoors — Nelson met **Charlie Coogan x’16**, an FS375 student. Coogan and **Matt Arbuckle x’16** were brewing a milk stout for class. Nelson tried the beer, loved it, and the collaboration took off.

This year’s class became a contest. Broken into three groups, the students took the basic fermentation concepts they’d learned and created their own 5.5 percent ABV red lager. In April, the brews went to a panel of judges, consisting of Nelson; the Great Dane Pub and Brewing Company’s brewmaster, Rob LoBreglio; David Rider of MillerCoors; and two supervisors from Memorial Union. The judges picked a winner and sent the recipe to the Wisconsin Brewing Company in Verona, Wisconsin, to be brewed en masse. On May 1, Inaugural Red debuted at the Terrace.

With the success of Inaugural Red, Steele and Zoerb are working on the next big thing: a fermented foods and beverages certificate, which will combine aspects of food chemistry, food engineering, fermentation sciences, microbial physiology, and business and marketing. “Research, teach, and extension,” Steele says. “It is truly the Wisconsin Idea.”

Chelsea Schlecht ’13

Oh, Deer

The greatest threat to Wisconsin’s forests may not be pollution or urban sprawl, but rather these fellows here: whitetail deer. According to a study released in January, as much as 40 percent of the change to plant species in the state’s northern forests over the last half century has been caused by the dining habits of deer. Between 1960 and 2010, the number of deer in Wisconsin nearly tripled. Botany professor **Donald Waller** led a group that looked at plant populations inside “exclosures,” areas where deer have been fenced out, and compared them with plant populations outside the exclosures. He then compared his findings to similar studies done in the 1950s. Deer, he found, tend to prevent the regeneration of trees and shrubs and to encourage the spread of ferns, grasses, and nonnative plants.



ISTOCK



LJUDMILA + NELSON, (CUBAN, EST. 1989), *SAN LÁZARO E INFANTA*, FROM THE SERIES *HOTEL HABANA*, 2009-2012, COURTESY OF THE ARTISTS.

Amid news of normalization efforts between the United States and Cuba, *Apertura [Opening]: Photography in Cuba Today* has made a timely debut at the Chazen Museum of Art. The exhibit contemplates the ways in which Cuban photography has evolved over the past two decades of transition. Artist duo Liudmila & Nelson created this piece, *San Lázaro e Infanta*, by overlapping a contemporary photo of a busy Havana intersection with an old negative and digitally adding faux elements. “This image fuses the pre-Revolutionary days, the present, and a possible future in a disquieting way,” says Guillermina De Ferrari, guest curator of the exhibit and a UW-Madison professor of Spanish and Portuguese. “The glossy fake [advertising] signs suggest a Havana that has given in to consumption, which may bring a sense of freedom and prosperity, but also a loss of tradition and authenticity.”

Dark Side, Bright Spot

Revisiting a controversial experiment finds nuances in human nature.

In 1961, with memories of Holocaust atrocities and the prosecution of Nazi officials at Nuremberg still fresh, American psychologist Stanley Milgram conducted a series of now infamous experiments that seemed to reveal the dark side of human nature.

His results were disturbing: about two-thirds of Milgram’s nearly eight hundred study subjects, pressed by an authoritative experimenter, were willing to administer increasingly powerful electric shocks to an unseen stranger, despite cries of agony and pleas to stop.

But **Matthew Hollander**, a UW-Madison sociology graduate student, examined the experiences of more than one hundred of Milgram’s participants, and he found a great deal more nuance in their performances — and perhaps a way to prevent people from shelving their ethical judgment.

Milgram divided his subjects into two categories: obedient or disobedient.

“The majority did cave, and followed the

experimenter’s orders,” Hollander says. “But a good number of people resisted.”

Hollander’s unprecedentedly deep conversational analysis of audio recordings of the experiments yielded six practices participants employed against the repeated insistence of Milgram’s authority figure. Hollander found study subjects resorting to silence and hesitation, groaning and sighing to display the effort it took to comply, and (typically uncomfortable) laughter.

They also found more explicit ways to express their discomfort and disagreement. Subjects stalled by talking to the recipient of the shocks and by addressing their concerns to the experimenter.

Many resorted to what Hollander calls the *stop try*. Most often, stop tries involved some variation on, “I can’t do this anymore,” or “I won’t do this anymore,” and were employed by 98 percent of the disobedient Milgram subjects Hollander studied. That’s compared

to fewer than 20 percent of the obedient subjects.

If people could be trained to tap practices for resistance such as those outlined in Hollander’s analysis, they may be better equipped to stand up to an illegal, unethical, or inappropriate order from a superior. And these practices would not only apply to extreme situations, such as torture at Abu Ghraib prison in Iraq or in the CIA interrogations described by the recently released U.S. Senate report, says **Douglas Maynard**, a UW sociology professor who works with Hollander.

“Think of the pilot and copilot in a plane experiencing an emergency, or a school principal telling a teacher to discipline a student, and the difference it could make if the subordinate could be respectfully, effectively resistive — and even disobedient — when ethically necessary or for purposes of social justice,” he says.

Chris Barncard

Jim Doyle

A former governor sees “bright, committed” people taking us into the future.

Jim Doyle's story has always been linked to UW-Madison. The former Wisconsin governor's parents, **Ruth '38** and **James Doyle '37**, met as UW students and settled in Madison after World War II. He grew up three blocks from campus, earned a degree in history, and is a longtime men's basketball season-ticket holder.

During spring semester, **Doyle '67** taught a course on state policy and politics for graduate students at the La Follette School of Public Affairs. The class covered weighty issues that don't have easy answers, including health care, corrections, and taxation — issues he grappled with during two terms as governor and four as the state's attorney general. Doyle previously taught at Edgewood College and at Harvard, where he earned his law degree.

I've heard you say that politics is about people — talking and listening and relating to a wide range of people. Do you think that is harder than it used to be for elected officials?

I think it's gotten a lot harder. This is true all over the country, and the partisan position on an issue sort of shuts off further discussion. But I think there are a lot of people who are elected to state legislatures around the country and to Congress who want to do [politics] another way and are looking for ways.

What role can the university play in helping government work better and helping policymakers solve our biggest problems?

In my administration, just in the governor's office, there were probably four or five La Follette graduates. [The university] plays a very important role, and the really big role it plays is in research and economic development — the whole university is critical to the



BRUCE RICHTER

Jim Doyle returned to UW-Madison during spring semester to teach a graduate course on state policy and politics at the La Follette School of Public Affairs. The former Wisconsin governor grew up three blocks from campus, where his parents met as students.

health of the state, the health of the world, in many ways.

Is it encouraging to be around students?

Whenever I finish one of these semesters, I always walk away feeling we're in pretty good shape in the long run. Whatever the ... issues are that people are confronting, I just see really bright, committed, interested, active people.

Based on what you have seen and heard from your students, how do you think they view public service?

I think [their outlook is] surprisingly positive, given the popular view of the world of politics and public service right now. But I doubt that any of them are that interested in being a candidate for anything. And so that really worries me.

Did you have a favorite class or professor at UW?

Coming [to UW-Madison] was like coming to the most alive, involved campus. George Mosse was teaching European cultural

history, which was the twentieth-century rise of Nazism. This campus, particularly the history department, had giants in it. I'd come out of Stanford, which was supposedly prestigious, supposedly ranked higher academically, and I was sitting in the class [thinking], “This is beyond me.” I had to really work hard, so to me, it was a great experience.

If you could go back and get a do-over, would you still choose a career in public service?

This is really a truthful answer, even though it sounds so political: I loved every minute I was in it. I've loved every minute of *not* being in it. Politics is a very high calling, and I do believe that we need people who want to pursue it and pursue it for the right reasons. You can't say you like democracy when it turns out your way, but you don't like it when it turns out the other way. You can't play it that way.

Interview conducted and edited by Jenny Price '96

Engineering Mechanics and Astronautics 601

Introduction to Private Pilot

Despite the potential distractions — avionics displays, dials, switches, navigational instructions, and more — **Dylan Vassar x'16** keeps his focus straight ahead.

In front of him are three computer screens, which together paint a landscape of Madison thousands of feet below. It's his first lesson in the flight simulator, and, with hands on the yoke — or control stick — all is going smoothly as he cruises over Lake Mendota.

Then he's told to close his eyes.

Chris Johnson, the certified flight instructor who teaches Introduction to Private Pilot, takes hold of the yoke, flying the plane out of control and plummeting it toward the water.

"Recover," he says.

With stunning composure, Vassar returns the plane to stable flight in fewer than twenty seconds. Then, Johnson has him practice a few more times, including sometimes with the plane turned upside down.

Each student in the semester-long course, offered for the second time ever at the UW this spring, flew for two and a half hours in the simulator located in the Mechanical Engineering Building. They also met in the classroom three times a week for discussions where — similar to military flight training — Johnson, an Air Force veteran, called on students to answer questions at random.

"To be a pilot, you can't be shy," he says. "If you need some information, you need to ask an air-traffic controller for that information, because it could mean your life."

Most of this year's students were engineering majors, but there were a few others. By the end of the semester, they completed the Federal Aviation Administration's (FAA) written exam and were prepared for the oral portion of the practical exam for the private pilot certificate. The first in a series of piloting licenses that permits noncommercial flying, the certificate differentiates these students from other job applicants. Many aspire to become pilots or work for an aerospace company.

Simulator hours also count toward the forty hours of flight time required for certification.

Completing those hours and the exam helped cut the cost of flight training — which can add up to \$10,000 — by as much as half.

The FAA-approved flight simulator also provides students the chance to "fly" in a variety of weather conditions, something most pilot trainees do not get to experience.

"Pilots get trained in really good weather, but the day they get their license, they can legally fly in weather that they've never experienced before," Johnson says.

During the first two of three simulator sessions, Johnson instructed students on skills including recoveries and how to take off and land. In the final session, they had to fly in bad weather with no help from Johnson.

"Some of them crash, but it's a good way

for me to train them what not to do," he says. "Having that experience early on in life is going to create humble, safe pilots, and they all appreciate it."

With the aviation industry booming, the class is helping to attract and train much-needed pilots, Johnson says. He hopes to see the private-pilot class extended to a year-long course, along with adding other aviation classes, such as one that would train students in flying commercial drones.

The class is designed to improve the way pilots are trained and then "publish that to the world," Johnson says. "Hopefully, people can learn from our successes here."

Stephanie Awe '15



Instructor Chris Johnson walks engineering mechanics and astronautics student Helen Tael x'16 through her first session in a flight simulator used for the UW's private-pilot course.

BRUCE RICHTER

TEAM PLAYER

Deanna Latham

Growing up in Newbury, Massachusetts, **Deanna Latham '15** wasn't like the other kids running around the neighborhood. Her running around was more methodical.

"I was raised a track baby," she says. "Since I was six years old, my dad was talking to me about making a window with my arms and teaching me how to run with good form."

So you could say Latham's interest in track and field developed at an accelerated pace. Whatever you do, though, don't say that competing in track and field just involves running in circles. "I can't tell you how many times people have told me that," Latham says. "And it frustrates me, because it's so much more than that."

It certainly is for Latham, who specializes in the heptathlon and pentathlon. Heptathlon is a seven-sport event that includes 100-meter hurdles, high jump, shot put, 200-meter sprint, long jump, javelin throw, and 800-meter run. Pentathlon includes five sports: 60-meter hurdles, high jump, shot put, long jump, and 800-meter run.

At the Big Ten Championships in Ohio this past February, however, Latham took a step in a different direction — opting to forgo the chance to defend her 2014 pentathlon title and focus instead on the 60-meter hurdles. That decision paid off as she raced to a third-place finish in 8.29 seconds, shaving four hundredths of a second off her own UW school record.

"I love the idea of running fast and overcoming the obstacles in front of me," she says.

This three-time All-American saw an opportunity to end her run at the UW on an even higher note, thanks to the Badgers' new director of cross-country and track and field, **Mick Byrne**. "We really upped our game," she says, noting that the UW women's team was ranked eleventh nationally.

Nicknamed *De-Animal* by a former coach, Latham lives for the thrill of going head to head with her rival racers. "There's definitely a level of teamwork in track, but at the end of the day, it's just you competing against other individuals ... and you're going to race your heart out against them."

Brian Klatt

"I love the idea of running fast and overcoming the obstacles in front of me."



BRUCE RICHTER

Triple Threat

He's a golf champion and an unwavering basketball fan, but Andy North has a third passion.

When television cameras zoom in on the Badger basketball bench at away games, they often capture golfer **Andy North** sitting directly behind the team. Announcers describe him as "U.S. Open champ Andy North," or "ESPN commentator Andy North," or, simply, as "the Badgers' biggest fan."

All are correct, but they don't tell the whole story.

Yes, Andy and Sue North have a friendship with coach **Bo Ryan** and his wife, Kelly, that goes back to the late 1970s, when their young families, and the family of late Wisconsin football coach **Dave McClain**, lived as neighbors on Madison's West Side. But the Norths have another UW passion: supporting research at the UW Carbone Cancer Center.

Andy North, a Madison native, says his relationship with the center goes back to when oncologist **Paul Carbone** treated North's mother, Mary, for breast cancer. In 1991, North himself became a patient when sun exposure on the golf course led to skin cancer and five surgeries to his nose. Last year, he learned he had prostate cancer — and he scheduled his surgery with UW urologist **David Jarrard** so he'd be back to the Kohl Center for the Big Ten season. North thinks the cancer center's excellence needs a big megaphone: "It's a special place, one of the top cancer centers in the country."

Since 2009, the Andy North and Friends event has raised nearly \$6 million to support research at the cancer center. Coach Ryan and former UW players — including NBAers **Greg Stiemsma x'08** and **Jon Leuer x'11** — come to golf, as do fellow pro golfers Tom Watson and Annika Sorenstam, ESPN broadcasters Mike Tirico and Scott Van Pelt, and the Green Bay Packers' Aaron Rodgers. After six years at North's Trappers Turn golf course in Wisconsin Dells, the Norths are bringing it home to Madison in 2015, with an event at the new Edgewater, followed by golf at Maple Bluff Country Club.

Beyond the golf course, the Norths like to invite friends to dinner



Andy North acknowledges the crowd from one of his favorite spots: near the Badger basketball bench at the Kohl Center. His wife, Sue, is shown in the lower right corner.

with Carbone researchers such as lymphoma expert **Brad Kahl '89** or **Paul Sondel '71, PhD'75**, a member of the national pediatric cancer "dream team."

"The researchers do an excellent job of explaining how we're changing things," North says. "People need to know what a special place this is, the research they're doing, and the people they're saving."

Susan Lampert Smith '82



BADGER SPORTS TICKER

Swimmer Nick Schafer is a star on two continents. In April, the senior won the title of Australian National Champion in the 200-meter breaststroke with a time of 2:12.47. He also holds the UW records in the 100- and 200-meter breaststroke.

Badger weight-thrower Michael Lihman '15 won his second consecutive national title at the NCAA indoor track and field championships in March. With a meet record of 80 feet, 10.25 inches, he finished his college career as the nation's top tosser.

In addition to Lihman, three other Badger track athletes were named All-Americans. From the women's squad, 5,000-meter runner Sarah Disanza x'18, shot-putter Kelsey Card x'16, and pentathlete Georgia Ellenwood x'17 all made the list.

Wrestler Isaac Jordan x'17 won the Big Ten championship at 165 pounds. The grappler has also received All-American honors in both of his Badger seasons.

The UW volleyball team looks to continue its run of success, as six incoming recruits were named among the fifty best players in the country. *Volleyball Magazine* listed Madison Duello, Hannah Juley, Amber MacDonald, Brooke Morgan, Julia Saunders, and Tionna Williams among its Fab 50. Duello also earns props for having the number-one awesome first name.

Counting the Ways

A newly released report points to

UW-Madison's

impact on the state.

Call it the Bucky effect.

UW-Madison — along with its affiliated organizations and start-up companies — has a \$15 billion impact on Wisconsin and supports 193,310 jobs, according to new data released this spring.

The report from NorthStar Consulting Group highlights the importance of the university to the state's financial well-being during an ongoing and vigorous public debate about how big a cut the UW System can withstand in the coming two years to help balance the state budget.

UW-Madison's economic impact on the state was measured in two ways. The first is direct spending by faculty, staff, students, visitors, and university operations. Visitors alone spend more than \$650 million a year. Direct spending includes \$234 million on food, \$122 million on construction, \$101 million at eating and drinking establishments, \$100 million on insurance, and \$77 million on auto repair and service, and \$62 million given to churches and charities.

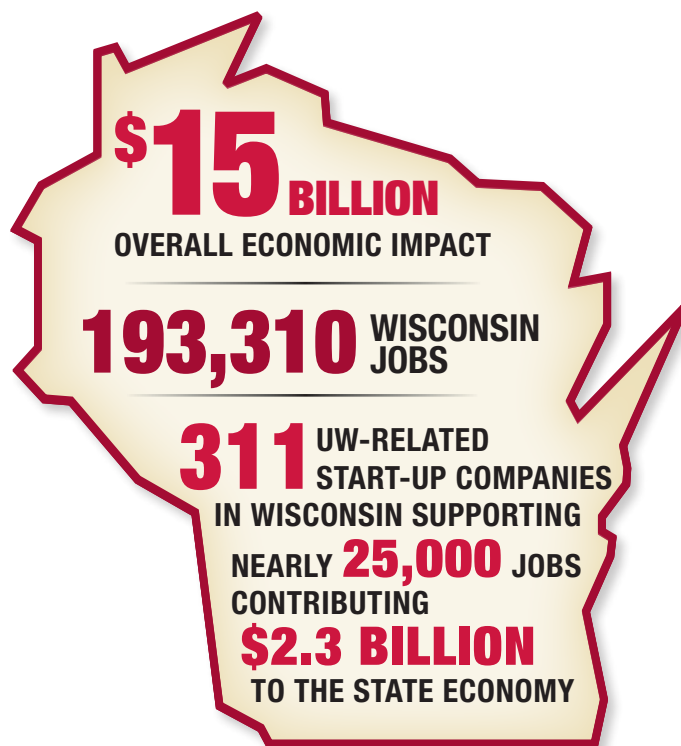
The second measure looks at businesses that benefit from that spending and how, in turn, their own spending results in jobs and tax revenue.

The university's economic activity also generates \$688 million in state and local tax revenue, and more than 40 percent of that comes from taxes UW-Madison faculty and staff pay on their incomes and the things they buy. The money that the campus community and visitors spend generates jobs, which then yield millions in income taxes, sales taxes, and property tax payments for Wisconsin.

The report was an update to a study that NorthStar has conducted six times since 1971. Here is a sampling of numbers from that report and other key sources. ■

Jenny Price '96

ECONOMIC IMPACT



\$5 BILLION SPENT BY UW-MADISON AND ITS FACULTY, STAFF, STUDENTS, AND VISITORS

GENERATES \$7 BILLION IN ADDITIONAL ECONOMIC ACTIVITY



\$1
OF
STATE TAX
FUNDS
INVESTED
IN UW

=

\$24.14
IN
ECONOMIC
ACTIVITY
IN
WISCONSIN

Source: NorthStar Consulting Group, 2015

STUDENT EXPERIENCE

**TIME TO
GRADUATION**
HAS
**STEADILY
DECLINED**
AND NOW AVERAGES

**4.16
YEARS**

Source: UW-Madison Data Digest

RECORD-BREAKING NUMBERS

6,659
BACHELOR'S DEGREES
AWARDED IN 2014

NEARLY
33,000
FRESHMAN APPLICANTS
IN 2014 AND 2015 YTD

584,489
DEGREES GRANTED SINCE
UW-MADISON WAS FOUNDED

94%
SENIORS

92%
FRESHMEN

RATED THEIR
OVERALL
EXPERIENCE
AT
UW-MADISON
AS
EXCELLENT
OR
VERY GOOD

RESEARCH

#1 **THE ONLY
UNIVERSITY**

— PUBLIC OR PRIVATE —

RANKED IN THE
TOP FIVE
FOR
RESEARCH SPENDING
IN EACH OF THE LAST
25 YEARS

Source: <http://ncesdata.nsf.gov/herd/2013>

4TH **IN RESEARCH EXPENDITURES**
AMONG U.S. UNIVERSITIES IN 2013

Johns Hopkins University	\$2.17 billion
University of Michigan-Ann Arbor	\$1.38 billion
University of Washington-Seattle	\$1.19 billion
UNIVERSITY OF WISCONSIN-MADISON	\$1.12 BILLION
University of California-San Diego	\$1.08 billion
University of California-San Francisco	\$1.04 billion
Harvard University	\$1.01 billion
Duke University	\$993 million
University of North Carolina-Chapel Hill	\$973 million
University of California, Los Angeles	\$967 million



Where the **W** Roams

It's the little letter that could — make us happy and proud, that is.

It's the twenty-third letter in the alphabet of the English language, but, oh, around Badgerland, it's so much more.

The *W* appears in a stately fashion as part of the university's official logo and as a letter in flight for Badger athletics. It adorns buildings across the campus and blooms in carefully tended gardens when warm weather finally returns. It resides under maple syrup in the dining halls, it's woven into ubiquitous red clothing, and it graces tattoos both temporary and permanent.

The university's senior photographer, Jeff Miller, has been capturing the letter that stands for Wisconsin — and thousands upon thousands of other images of the campus — with

both film and digital cameras for twenty-five years this fall. Staff photographer Bryce Richter has been his partner in visuals for eight years. Their photos have been featured within dozens of issues of *On Wisconsin*, enriching the reader experience.

This time, we asked Miller to pull together a special collection of the many expected and unexpected places where he and Richter have found this special letter. Some photos will evoke fond memories; others will engender a who-knew reaction.

It's the only letter with a three-syllable name. And it spells Badger.

*Words by Cindy Foss
Photos by Jeff Miller and Bryce Richter*



A fan takes the W west (opposite page), proudly flying the flag before the 2010 Rose Bowl game. Fingers do the talking (top), as Badger fans flood State Street to celebrate an NCAA Elite Eight win over Arizona in 2014. Glistening in the sun in front of the Kohl Center (left), a Bucky Badger ice sculpture created for an ABC television broadcast in 2007 models a toasty sweater — and that essential letter. Hungry yet? Staff at the campus's Gordon Dining and Event Center know the best way to create a unique and yummy breakfast with these specially crafted waffles (above).



A folder with a bright red W (above) holds something precious: an end-of-semester project submitted for a biology class in spring 2009. With paint brushes in hand (below), workers know that a 1999 hockey game isn't going to be complete until a massive Motion W logo adorns the ice rink at the Kohl Center. Paint comes into a play at University Book Store, too, when soon-to-be graduates (right) decorate their mortarboards before commencement in 2014.





A chairlift (left) carries riders high above the crowds — and a tent featuring UW-Madison Day at the Wisconsin State Fair exhibits — in 2013. Wrapped in Badger spirit (below, left), a member of the women's swimming team awaits her turn during a 2012 competition. Twigs provide a creative solution (below, center) as students from DeJope Residence Hall make the most of 16-plus inches of snow that accumulated during a 2012 blizzard. Ensuring that bald is beautiful (below, right) a football fan shows his unwavering support during a 2011 tailgating event at Camp Randall Stadium. From football to film, the stadium demonstrates versatility during a first-ever Movie Night in 2013 (bottom), when moviegoers picked what they wanted to see via an online vote.





It's a perfect storm (above) when a cheerleader dashes across the football field with a giant flag following a win in 2014 — just as snow has begun to fall. Spanning the seasons, one-of-a-kind pumpkins decorate the steps of Olin House, the chancellor's residence, at Halloween in 2002 (far left), and a stray glove remains near Ogg Hall (left) as winter finally loosens its grip in 2010. The UW sailing team proudly takes to the water (below, left) to compete during a 2010 intercollegiate national championship on Lake Mendota. Flashing the universal gesture known to Badgers across the country and around the world, Bucky Badger honors the W.



Hidden Ws

Can you identify where these Ws appear? To find out how many you guessed correctly, see the answers below. If you nail all twelve, consider yourself a tried-and-true Badger.



1



2



3



4



5



6



7



8



9



10



11



12

ANSWERS: 1) Main Lounge, Memorial Union; 2) Marching Band member's hat; 3) Agricultural Hall; 4) Camp Randall Sports Center; 5) Der Rathskeller, Memorial Union; 6) Bicycle rack, Red Gym; 7) Field House; 8) Glass door; 9) Agricultural Hall; 10) University Club; 11) Wisconsin Historical Society; and 12) Roundabout at Observatory Drive and Walnut Street

The Hope Builder

Roberto Rivera's methods for mentoring others come from a very personal place.

By Jenny Price '96

Photos by Bryce Richter



“I create my destiny. I’m not following anybody’s script, you know?”

ROBERTO RIVERA ’04

starts many of his speeches with the story of a boy named Carlos.

On this day, a group of Wisconsin educators who run after-school programs listen, transfixed, as Rivera describes how Carlos struggled through childhood. He was labeled as learning disabled in school and was illiterate until the age of ten. At the dawn of his teen years, when his “misdirected entrepreneurial skills” got him kicked out of middle school, Carlos ran away from home and got arrested for selling drugs. At age fourteen, he tried to take his own life. Rivera pauses and asks his audience, “Anyone know a Carlos? A young person struggling to find hope and meaning in their lives?” Heads nod around the room.

Rivera is here because in this age of standardized testing and laser-like focus on core academics, there is little room during the regular school day for teaching young people how to build their social and emotional competency or, as Rivera puts it, how to “turn their pain into propane.” And, he argues, when Carlos learned those skills, he used his pain to find a purpose.

“This is not just the story of any Carlos. See, this is the story of Roberto *Carlos* Rivera. This is *my* story,” Rivera reveals. “I went from being a dope dealer to being a hope dealer.”

Remarkably, Rivera eventually landed on campus, and, as a UW student, he formed the idea that hip-hop music and culture — things that were already part of kids’ lives — could be vehicles not only for self-expression, but also for academic achievement. In 2008, he founded The Good Life, a Chicago-based organization that has trained more

than one thousand teachers on how to use tools relevant to young people to spark their interests and engagement, both in the classroom and in their futures. He estimates that more than twenty thousand youth have participated in the program.

Madison Roots

Rivera was born in Madison and spent part of his childhood in the city’s Bayview neighborhood before moving to Galveston, Texas, with his Wisconsin-born mother and his father, who is from Nicaragua. In his late teens, he returned to live with his grandfather and learned that many of the kids he had grown up with in Bayview were trapped in addiction, in jail, or dead.

His grandfather, Floyd Brynelson ’37, LLB’40, a first-generation American who grew up on a farm in Iron Mountain, Michigan, encouraged Rivera to return to school. Brynelson had wanted to attend college when no one else in his hometown was doing so. Years later, Rivera read his grandfather’s old diaries, where he wrote about his dreams for the future.

“He couldn’t share [his dreams] with anybody because he felt like the dreams were being attacked,” Rivera says.

Brynelson worked his way through the UW, graduating at the top of his class. He sent money back to his family so that his siblings also could go to college. After his grandfather’s death in 1998, Rivera learned that he also had quietly done pro bono legal work, mentoring kids and giving scholarships to the children of the very families who had scoffed at his desire to get a degree.

“You can be a civil servant and do a lot of good, both for your family and

your community, and so I think that seed was planted in me,” he says.

That same year, Rivera enrolled at Madison Area Technical College, where he took remedial courses to catch up. During that time, he volunteered at a downtown Madison teen center and worked his way up to program director. While attending a professional-development training session, he met Craig Werner, a UW professor of Afro-American studies who teaches courses on literature, music, and cultural history. The two clicked over a shared interest in African-American music, including hip-hop.

Rivera transferred to the UW in 2002 and enrolled in Werner’s integrated writing course, Critical Thinking and Expression.

“He was hungry to connect his real-world experience with the classroom,” Werner recalls, and the UW gave him time and space to think, and provided distance from more difficult times in Galveston. “He also just needed the complexity of thought.”

One of the course units focused on Shakespeare’s *The Tempest*. A major theme of the play is struggle, Werner says, including that of Caliban coming to terms with learning the language of his master, Prospero. Rivera responded to the play’s themes and grasped the complexity of Shakespeare’s language while connecting it to hip-hop culture. “He said that Shakespeare had ‘flow,’” Werner recalls. “He just was brilliant in everything, and he brought both the intensity of his lived experience and a profound thirst for knowledge.”

Rivera took more courses with Werner, including a multicultural literature class, covering works by writers

from a range of racial and ethnic backgrounds, which fueled a desire to devise his own major: social change, youth culture, and arts.

“I think it gave me a greater awareness of my own authorship of my life’s story in a new way,” Rivera says. “I create my destiny. I’m not following anybody’s script, you know?”

Werner guided him through the process of formulating his major, which combined Rivera’s interests in education, teaching methods, and community activism and involvement. The process was not easy, says Werner, who had created his own major as an undergraduate at Colorado College. “They want to fit you into the system, and Roberto doesn’t fit into a system,” he says. “The whole point is changing the system.”

from energy drinks to food to cologne. It’s a culture that teaches people to build themselves up at the expense of their communities. But prior to that time, starting in 1971, hip-hop was a vehicle for self-expression and activism, rather than commerce. “Teenagers in the South Bronx realized that they had inherited the legacy of liberation from civil rights,” Rivera explains. “Building up themselves and their communities was their ethic.”

Rivera tackled that divide in his senior thesis at the UW, which he produced as a documentary film, *Bridge da Gap*. The title referred to the achievement gap in schools and the disproportionate percentage of people of color in U.S. prisons. He interviewed more than three dozen people, including

As part of his thesis, Rivera developed an after-school program, recruiting artists in the Madison area to mentor and support young people in learning hip-hop elements such as dance, visual art, poetry, and rap. “We went from doing workshops to doing concerts to doing bona fide, full-on, hip-hop theatrical productions. We got invited to perform at the Kennedy Center,” Rivera says. “But yet, we were amazed and perplexed that students were telling us that they felt like complete failures at school.”

After graduating from the UW, Rivera remained driven by the challenge of creating and cultivating hope among youth. In 2005, his organization, then called Elements of Change, launched a pilot program in a Madison middle school known for fights, gang activity, and drug use to embed the work they were doing after school into the school day.

“Crisis was the precursor for opportunity,” he says.

The program focused on the youth considered the most at risk. But instead of labeling them that way, Rivera told the kids they were being selected for an elite leadership program and gave them this charge: “You all have sparks and things that you’re passionate about — things that you’re good at that have been overlooked. We’re going to take the next ten weeks and help you to find these sparks and fan them into a flame.”

Rivera worked with students in the classroom once a week and met with teachers on other days. He encouraged students to write poems and share what he calls their “blues stories.” Some had parents who were incarcerated and siblings who had been shot. This work stemmed directly from the UW, where Rivera learned from Werner about how hip-hop traces its roots back to blues,

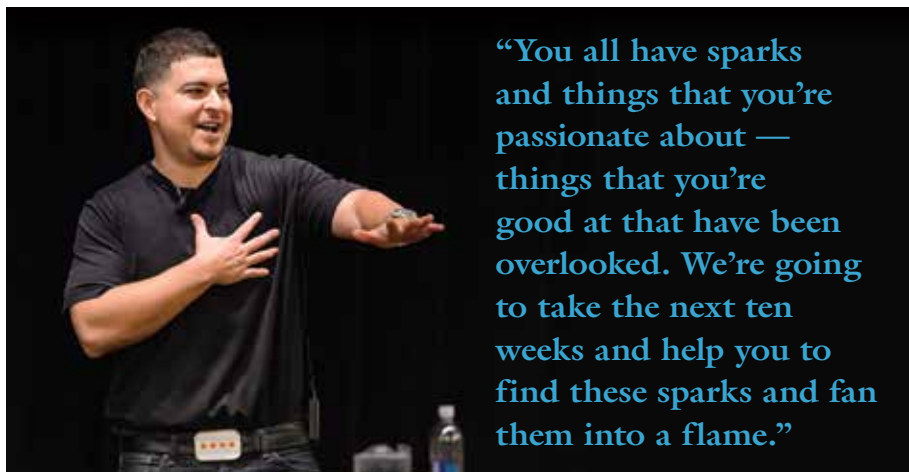
“We went from doing workshops to doing concerts to doing bona fide, full-on, hip-hop theatrical productions. We got invited to perform at the Kennedy Center. But yet, we were amazed and perplexed that students were telling us that they felt like complete failures at school.”



Bridging the Gap

When Rivera talks about hip-hop, he knows audiences and educators are skeptical. Here’s why: if you’re most familiar with the *industry* of hip-hop, which took off in 1991, you think of it as something used to sell everything

hip-hop pioneers Chuck D, from the group Public Enemy, and Talib Kweli, from the group Black Star, about how hip-hop music and culture can positively or negatively influence young people. “It gave me so much insight to what the problem was and what the potential solutions could be,” he says.



gospel, and jazz, which are not the commercial aspects of the music, but its underlying impulses. “What blues allow you to do is affirm your existence. To say that, ‘I matter. I am somebody,’ ” Werner says.

The students took over and emceed the school’s dwindling talent show, performing skits, poetry, and rap songs — and amazing their teachers.

“They wanted to be heard,” Rivera says. And when the program concluded, attendance, behavior, and grades improved among the kids in the four selected classes.

Rivera and some of the students also met with school administrators. One teen said his brother already belonged to a gang, but he was going to take a different path: “Now I realize I have a dream, and I can see how school connects to me wanting to fulfill that dream.”

Another student’s story stopped the room.

“I used to smoke weed every single day after school,” he said, pausing for what Rivera recalls felt like an eternity. “But I don’t do that anymore.”

“What’s different? What do you have now that you didn’t have before?” an administrator asked.

“I have hope,” the student responded.

“What kind of hope do you have?” she asked.

His answer: “This is a hope I’m going to have for the rest of my life.”

Back to School

There is more work to do. While the nation’s high-school graduation rate has reached record highs of 80 percent, the number hovers closer to 50 percent in some of the country’s largest cities. Take a look at our wider world, and it’s hard not to be hopeful about the next generation having empathy and problem-solving in its toolbox alongside math, reading, and critical thinking. By tapping into their emotions, kids connect with their passions and sustain interest in learning, community involvement, and achieving their goals. It turns risky behavior into taking positive risks.

Rivera is now a husband, a father, and, once again, a student. He completed his master’s degree in 2010 at the University of Illinois-Chicago, where he is now enrolled in a PhD program in educational psychology. His focus is social-emotional learning,

which teaches kids how to recognize and manage their emotions, handle challenging situations, resolve conflicts, and establish positive relationships.

Rivera’s goal is to demonstrate best practices for teaching these skills, and so he’s digging into research to provide the evidence for the effectiveness of these programs to keep them funded. “I’ve seen so many programs come and go, and so many great things not sustained, so I realize that the research is really a critical element in sustaining good work,” he says. “There are tons of folks doing this hip-hop youth development that are on a shoestring budget. ... To have evidence that supports that work is so needed.”

Part of Rivera’s program asks students to take stock of their own strengths, a process that still moves him to tears after witnessing it over the years.

“They stand up, and everyone in class says, ‘My name is X and I am smart at ...,’ and they list one or two things,” he says. “This is probably the first time in their life they’ve ever said their name and that they’re smart at anything, and it’s just so powerful. ... The question isn’t what’s *wrong* with you, the question is what is *right* with you?”

Rivera calls Werner, his grandfather, and others who have made a difference in his life *Michelangelos*. The nickname stems from a quote attributed to the famous Italian artist: “I saw the angel in the marble and carved until I set him free.”

It’s a message Rivera often imparts during his talks to teachers, encouraging them to see the beauty and brilliance in our youth, and helping them to see it in themselves.

“We are all works of art,” he says. “Sometimes the process of getting below the surface is tougher.” ■

Jenny Price '96 is senior writer for On Wisconsin.

Street-Dance Scientist

Balancing competing passions, Jeff Vinokur's whiz-bang shows — and fancy footwork — bring science to the masses.

By Terry Devitt '78, MA'85

At the tender age of twenty-four, Jeff Vinokur '12 has an agent and a publicist. He owns a company. He appears on national and local television with regularity, mixing it up with the likes of Queen Latifah, Rachael Ray, and Whoopi Goldberg.

He is also on the horns of a dilemma.

Vinokur would love to become a working scientist, and he is well on his way to that goal. As a PhD candidate in biochemistry at UCLA, one of the top programs in the country, he prospects for better ways to harness bacteria to make biofuels. His scholarship has led to the discovery of a new biochemical pathway in an ancient lineage of microorganism, a feat he calls an accident. But the work has led to several publications — the currency of academia — and has helped establish his credibility at the lab bench. His research has resulted in two coveted fellowships, one from the National Institutes of Health and the other from the National Science Foundation, ensuring his graduate education.

Then there is Vinokur's alter ego: the Dancing Scientist. He's a master of popping, a street-dance style based on rapid-fire contraction and relaxation of muscles to cause a jerk or a pop in rhythm that combines with a variety of robot-like movements and poses. Vinokur is a creative and experimental scientific demonstrator, an art he was tenacious in acquiring and improving as an undergraduate at UW-Madison. He blends his dance moves with his scientific demonstration skills to amaze and entertain audiences from Washington to Singapore.



With a gasp, the cast of ABC's *The View* reacts as Jeff Vinokur, a.k.a. the Dancing Scientist, ignites a hydrogen balloon.

“It’s the reaction from the kids that makes it worthwhile.”

In this persona, Vinokur has performed for tens of thousands of schoolchildren, sometimes doing three shows a day with the help of an assistant known as Stingray, whom he recruited on Craigslist. He concocts rocket fuel from Splenda, demonstrates the remarkable qualities of a nickel-titanium alloy dubbed memory metal, and makes wine glasses disappear, a stunt he performed for a clearly charmed (“Is there a Mrs. Vinokur?”) Kathie Lee Gifford on *Today*.

As an undergraduate, Vinokur spent his summers and breaks touring the country, working school assemblies in evangelical fashion to promote interest in science and turning enough of a profit from his entrepreneurial ventures to cover his tuition. In 2012, building on the science presentation business model, Vinokur founded Brain Mogul Education, a company with performers in San Francisco, Chicago, New York, and Washington, D.C.

His media scores include *America’s Got Talent*, *Today* (three times), *The View*, *The Queen Latifah Show*, *The Rachael Ray Show*, at least ten appearances on the Discovery Channel, and dozens of other local and national platforms. Vinokur’s dancing act has upward of 20 million YouTube views, and his science outreach activities have garnered more print and online coverage than most accomplished scientists receive in a lifetime.

So, what’s the problem?

“I essentially have two careers right now,” explains Vinokur. “Is it possible to do both well? I don’t know the answer to that yet, but it is a great problem to have.”

In a larger context, Vinokur’s dilemma is one confronted by many scientists, especially those in the early stages of their careers. Academic science is a blood sport. It is hypercompetitive and weighted to accomplishment in the lab and a robust publishing track record. For every young scientist offered one of the few available

tenure-track positions at a large research university such as Wisconsin or UCLA, there are scores of broken dreams. The days are long and tedious. Activities outside the scope of a graduate student’s very narrow area of research — such as Vinokur’s — are often considered distractions and can be detrimental to those who aspire to be on the cutting edge of science.

Yet, Vinokur is willing to take that risk. Growing up in New Jersey as the son of Russian immigrants, he displayed a steadfast curiosity about the world and how things work. “I was always into science,” he says. “As a kid, I chased bugs, mixed things up in the kitchen. I was on the robotics team in high school.”

He seems happiest when he is engaging the public, showing children, especially, the wonder and fun — and knowledge — that can be accrued through controlled explosions, colorful reactions, and the chemical and physical properties that nature confers on so many different materials, elements, and compounds.

“As a scientist, I can’t quantify it,” he says of the kicks he gets sharing scientific marvels. “It’s the reaction from the kids that makes it worthwhile. If in twenty or thirty years some of these kids follow through on a career or just have a deeper interest in science, that means I win.”

There is much more to effective science demonstration than simply blowing things up. As a student at the UW, Vinokur learned from sages such as chemistry professor Bassam Shakhshiri and physics professor emeritus Clint Sprott MA’66, PhD’69, both of whom pack auditoriums for their popular science-education spectacles.

When he was a sophomore, Vinokur approached the chemistry department’s master demonstrator Jim Maynard ’00 for training in safely conducting chemical demonstrations. “He was very persistent, and I once asked him if he was stalking

me,” recalls Maynard, who nominated Vinokur for a University Book Store scholarship his senior year. “He is a self-motivated person, and I think he would have reached his goals whether I helped him or not.”

For now, Vinokur remains conflicted. “It’s cool to be the first person to know something,” he says about a career as a working scientist. “But how many people will read that paper? Ten? Twelve? You’re just one person contributing to the mountain of knowledge.”

Through performance, Vinokur thinks he can change people’s perception of science. The ideal, he says, would be to become a mass-science popularizer on the order of a Bill Nye the Science Guy. But ever the astute researcher, Vinokur knows that the market for such heavy-hitters is vanishingly small.

With fellowships covering his lab salary and encouragement from his mentor at UCLA, the Dancing Scientist has found room to transcend the brutal time commitments science requires of its graduate student acolytes. For the time being, he can continue to spread the gospel of science to school-age kids and science-festival audiences. But he’s not sure the Dancing Scientist shtick will work when he is fifty or sixty years old. He has already endured three knee surgeries related to his performance art.

Vinokur is keenly sensitive to the friction between his desire to change the world by bringing science to the masses and the thrill of discovery that comes from long hours in the laboratory of bleeding-edge science. But he is undeterred. “I like doing both,” he says. “I don’t think I’d be happy without either.” ■

Terry Devitt ’78, MA’85 is UW-Madison’s director of research communications. When he was a child, his chemistry set was more a danger to the community than a means of science education.



It's hard to tell who is having the most fun as Jeff Vinokur (top) teaches youngsters about super-absorbent polymers during a demonstration at the Nebraska Science Festival. Calling upon one of his other skills (above left), Vinokur abandons his white lab coat and dances during a wedding held at the Orpheum Theatre on State Street in Madison. Following his first performance as a guest on NBC's *Today*, Vinokur's mom captures a photo (above) with hosts Hoda Kotb, left, and Kathie Lee Gifford. With no shortage of dance moves, Vinokur (left) performs with James Gavins during a UW's Got Talent event held in Mills Hall in the Mosse Humanities Building on campus.



Herb Kohl (left) and Bud Selig:
still friends after all these years.

Kings of Sherman Park

For Herb Kohl and Bud Selig, their Milwaukee childhood was just the start of a lifetime of banter, bonding, and making it big.

BY CHELSEA SCHLECHT '13

There must have been something in the water at the Pi Lambda Phi fraternity house. Or at the Quisling Terrace apartment complex. Or at a dingy house on Gorham with a forgettable address. Whatever it was made a pair of roommates two of the most powerful men in Wisconsin. It's been fifty-nine years since former U.S. Senator Herbert "Herb" Kohl '56 and Major League Baseball Commissioner Emeritus Allan "Bud" Selig '56 graduated from UW-Madison. But wrangle their post-professional schedules and put them in the same room, and it's as if no time has passed.

Kohl arrives soundlessly in the photo studio. He stops in the doorway as soon as he sees Selig and gets a fierce glimmer in his eyes.

"He has a whole kingdom in Arizona," Kohl says, shaking a finger in Selig's direction. "If you ever saw it, you'd be so impressed. It has a moat." *But does it have a drawbridge?* "Yes," Kohl confirms, deadpan.

Selig rolls his eyes, then releases a deep laugh: "You see? He didn't even hesitate!" The two run with their imagined scenario. According to Selig, "very few get in" to his kingdom. Kohl's disgruntled snort suggests he is not one of them.

Kohl's and Selig's lives have run in tandem since childhood. They grew up two hundred feet from each other in Milwaukee's Sherman Park neighborhood. They walked to school together every day, from elementary school through high school. "Then we just moved to Madison," Selig recalls.

On campus, they became Pi Lambda Phi fraternity brothers. Both went on to own Milwaukee's two biggest sports teams: Kohl bought the Bucks in 1985 and Selig purchased the Brewers in 1970. Kohl served as a Wisconsin senator from 1989 through 2012, and the longtime philanthropist gave a major gift that helped to fund construction of the Kohl Center on campus. After serving as acting commissioner of Major League Baseball for six years, Selig guided the national pastime as commissioner from 1998 to 2015. He has endowed a chair in the history of sport and society at UW-Madison, and has made a gift to the Athletic

Department's new student athlete performance facility, which includes a welcome center named the Bud Selig Hall of Champions.

Now, Selig and Kohl are each being honored with a Distinguished Alumni Award. Since 1936, the Wisconsin Alumni Association has presented this award to UW graduates whose professional and philanthropic achievements embody the Wisconsin Idea.

For Kohl, that principle is multifaceted. "It's excellence. It's exposure to all imaginable ideas, pursuits, thoughts, and subjects. It's developing an open mind," he explains. "Only a great university can do that."

"And quite frankly," Selig adds, "there's no other way to say it, but you're damn proud that you went here."

As the photo shoot wraps up on this cold January afternoon, the men get ready to head to their next meeting. Selig, who hates winter, spends every weekend in Phoenix, Arizona, with his wife, Suzanne. Kohl, on the other hand, wears only a thin windbreaker and baseball cap. He looks at Selig's shin-length brown overcoat and raises an eyebrow.

"Herb, it's *cold* out!" Selig retorts. "This is a winter coat. This is what people wear."

They prepare to head up Bascom Hill for a visit with Chancellor Rebecca Blank. Kohl is nervous ... but not for himself. "Look, I want to ask you a favor, Bud," Kohl says quietly. He pauses, "Be on your best behavior, will ya?" Selig laughs.

They have about fifteen minutes before their next engagement, and Selig suggests a trip to his office in Humanities so Kohl can see it. The former commissioner intends to teach history in his retirement.

"Can we walk?" Selig asks the entourage. "I'd like to walk."

"Then walk," Kohl responds with a shrug. "Take a walk around the lake, and we'll meet you there."

Selig shakes his head. Perhaps he's not the only one who will have to mind his manners. ■

Chelsea Schlecht '13 is a writer for On Wisconsin, and maintains that it's possible to be both a Cubs and a Brewers fan.

When Black History Is Your Own



Thulani Davis's great-grandfather, William R. Davis (above right), was a former slave who sought refuge with his family at the Union army's Fort Monroe in Virginia. He is shown with his daughter, Fannie, who was Davis's great-aunt.

Professor Thulani Davis provides a personal perspective on studying the past.

By Mary Ellen Gabriel

Like an offshore breeze, Thulani Davis unsettles the air. Conversations with the assistant professor of Afro-American studies swirl through three centuries of black American history, including the lives of Davis's own ancestors.

Davis, a soft-spoken native of coastal Virginia who joined the UW faculty in 2014, admits that teaching about the legacies of slavery can be painful. "My aunt was one of those picketers they sicced dogs on," she says. This visceral connection to the past informs her life and work — and brings the Reconstruction era of American history alive for her students. Davis landed here last fall after an illustrious, forty-year career as a writer, playwright, librettist, poet, and screenwriter. Her latest act: helping convince President Obama to create a national monument to slavery in 2011.

We caught up with Davis over a cup of tea and a conversation that lasted two hours — like any true Southerner, she loves to talk.



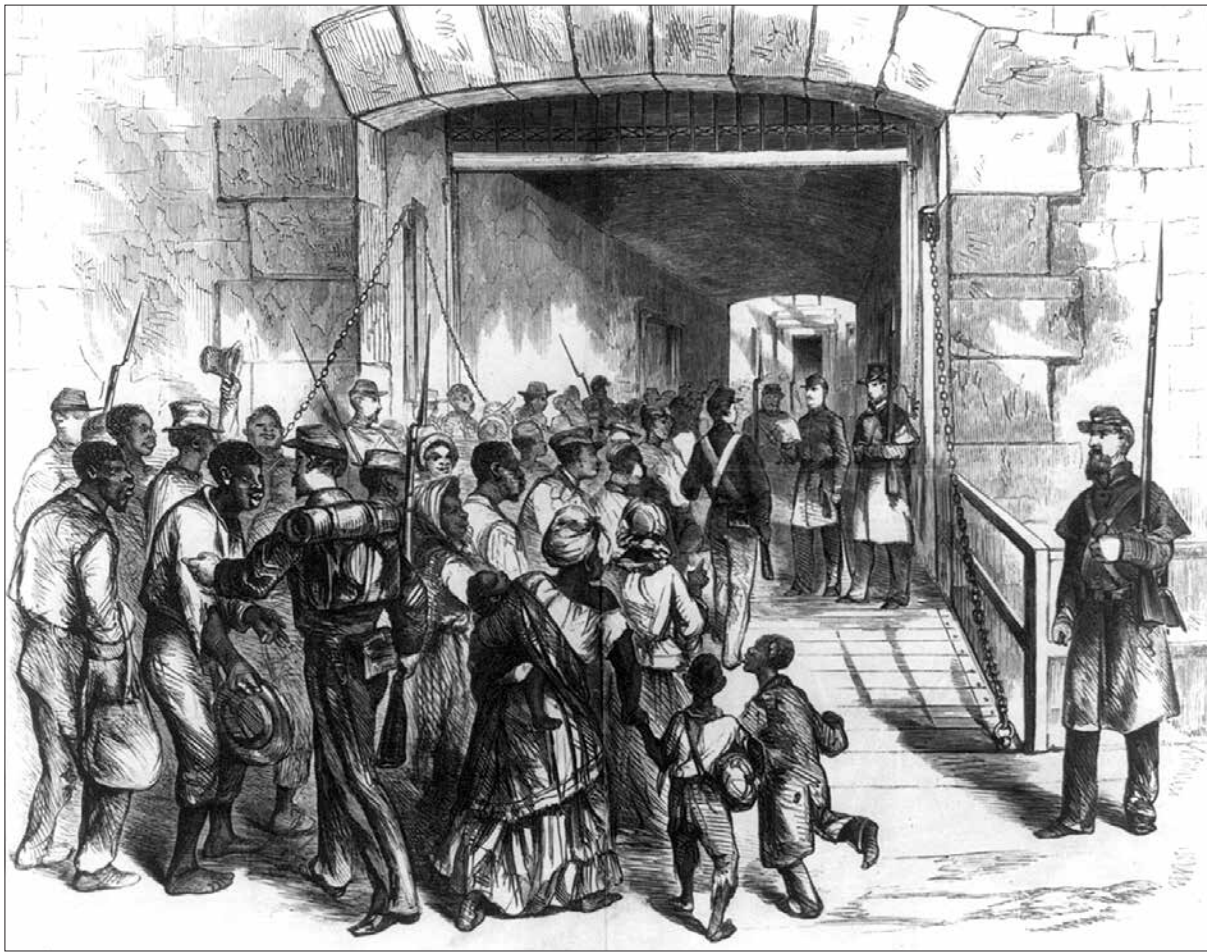
After working for *The Village Voice*, penning plays, poems, and a novel (titled *1959*), and even winning a Grammy for writing the liner notes for Aretha Franklin's *The Atlantic Recordings*, how do you like teaching at UW-Madison?

I find it fun. It's not my first teaching job — I taught writing at Barnard College for seven years, and at a few other places as well. But it is my first time teaching about Reconstruction, which was my dissertation topic at New York University. Students don't know much about that period, I'm discovering. They don't really learn about it in high school.

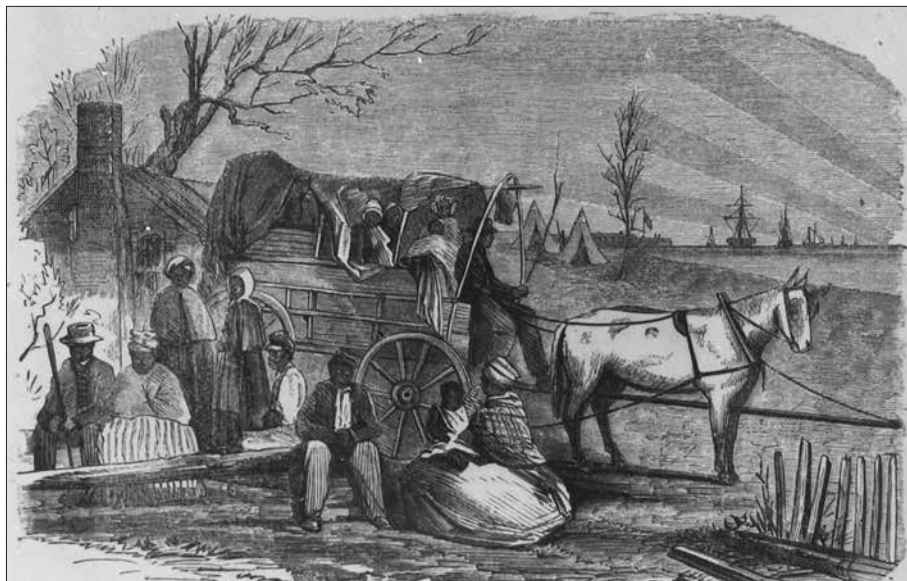
How do you draw students in?

I take them through an interesting exercise. I ask them to imagine they are enslaved on a plantation one day, then freed the next. What do free people need? They all seem clear that they'd need education, rights — all the things black people were denied. But I make them get very literal. Anyone who is displaced needs water. Needs food. Needs shelter. Then they need a safe place to meet, for support but also to plan and organize themselves to move forward.

These are things I know, because my great-grandfather was faced with this situation.



THE CONTRABAND SOCIETY



THE CASEMATE MUSEUM

Those escaping slavery (top), shown with Union army sentinels at the main entrance of Fort Monroe, sought protection with the army's major general, Benjamin Butler. Like the family shown above, Davis's great-grandfather piled his family into a wagon and sought freedom at the fort, along with 10,000 other slaves who were declared "contraband of war."

What is your great-grandfather's story?

In 1862, my great-grandfather, William Roscoe Davis, piled his family in a farm wagon and sneaked through the countryside of Tidewater Virginia to Fort Monroe, which had just fallen to the Union army. He had gotten word that post commander Major General Benjamin Butler was declaring all slaves in the vicinity "contraband of war." For my great-grandfather, who was fifty years old and a slave all his life, that was the first step to freedom. And he and his family eventually became some of the founders of the African-American community in Hampton, Virginia, where I grew up.

The amazing thing that I found out much later was that Fort Monroe was both the beginning and the end of slavery in America. The first twenty documented Africans, brought from Angola to Jamestown in 1619, were actually first

traded to Virginians at Fort Monroe. So here my great-grandfather was — along with ten thousand other slaves — freeing himself by coming to the exact same place, two hundred years later.

Did that family story spark your interest in studying this historical period?

You know, I didn't think anything of that story when I was young — lots of people in my town had a similar story. Most people had a grandfather who was a child of the local planter — it was boringly common. And older people did not necessarily want to talk about slavery very much. But the real legacy was community. We lived in a community that really knew how to organize to make change and get things done. In my research, I show the ways that was sustained through the decades.

Your novel, *1959*, portrays that very close-knit community you grew up in, as it faced down Jim Crow laws. Why was, and is, community so important?

Pretty much all [that] black people felt they had, when they came out of the Civil War, was each other. They didn't have houses, they didn't have schools. The Freedman's Bureau was forming, but it had setbacks and some serious problems. Black people formed these "benevolent societies" to help one another. But white Southerners were very worried about black people having meetings.

I teach about the Ku Klux Klan terrorism in the 1870s, when the Klan burned organizers' homes. There was a massacre in Georgia when black people tried to hold a meeting in the town square — forty-nine people were wounded, and nine died. The question I ask my students is, "Would you risk your life for a meeting?" And they get that instantly. Hopefully no one will ask them to take a chance like that.

Is it hard to teach about this painful time?

Some days it is. Not every day. You know, Southerners have such a sense of humor. My aunt, who is now ninety-four, celebrated the end of segregation by going to a hairdresser — for white people!

So how does your previous life as a public intellectual inform your new life as a UW-Madison professor?

What black culture — growing up in it, writing about it — taught me was never to assume that we live in a completely open, transparent world. My school-teachers taught me how to read the newspaper with skepticism. We were told to imagine what is missing, what is not reported. I'm amazed sometimes at the questions people do not ask. Journalism was a great business to be in. I miss it to this day. I want my students to be skeptical. I want them to look for connections.

In 2011, you had a hand in something quite ... monumental. What happened?

I spoke at a celebration commemorating Hampton's four-hundredth anniversary, and the Contraband Society asked me to join forces with them to convince President Obama to designate Fort Monroe a national monument. I wrote a letter describing my great-grandfather's journey, and I gathered lots of signatures from well-known people. And in 2011, President Obama declared [it] the first national monument to slavery. To the extent that my letter helped President Obama make up his mind, I think it was a good illustration of the power of storytelling. ■

Mary Ellen Gabriel is a senior university relations specialist with the College of Letters & Science. Talking with professors such as Thulani Davis is the best part of her job.



Some of the freed slaves at Fort Monroe built homes around the remains of the surrounding town of Hampton, Virginia, which was burned by the Confederates in 1861.

Plastics Pioneers

A trailblazing course and its modest professor gave life to entrepreneurial spirit and a thriving Wisconsin industry.

BY DAVID J. TENENBAUM MA'86



COURTESY OF PLACON

It's an unforgettable scene in Dustin Hoffman's 1967 breakout movie, *The Graduate*, when party guest Mr. McGuire pulls Hoffman's character, Benjamin Braddock, aside to advise the younger man about the future.

"I just want to say one word to you. ... Just one word. ... Are you listening?" he says. When Braddock confirms that he's all ears, McGuire drops the magic word:

Plastics.

That boost from Hollywood was an accurate prediction that shone a spotlight on the industry. But Tom Mohs '62, founder of the Madison plastic manufacturer Placon, says he truly owes nothing to the film. "I was already buying my second thermo-forming machine when the movie came out," says Mohs, referring to the equipment that softens and forms plastic. "No, I owe it to Ron Daggett."

Ronald Daggett '38, MS'39 brought plastics into the classroom, teaching the UW's — in fact, the world's — first course on the subject. After earning his two mechanical engineering degrees, Daggett engineered plastic for RCA Corporation during World War II. When he returned to Madison in 1946 and joined the university's faculty, "There was this new material, but nobody knew anything about it," says Tim Osswald, a professor of mechanical engineering who teaches the courses that Daggett originated. "So [Daggett] thought, 'I went through this learning process at RCA; there's got to be a course taught.' He wanted the course to focus on manufacturing, on strength and creep — all the strange things about plastic that people did not understand at the time. There was not even a textbook."

The elective course that Daggett devised has been offered every semester for the past six decades. In 1990, the course was split into two areas of emphasis — plastics design and plastics processes — and they are the most popular electives among mechanical engineering students.

"[Daggett's] course was perfect for what I was looking for," Mohs recalls. "It was not highly technical. It was a survey that talked about the fundamentals of various plastics-processing equipment and various kinds of plastics — the differences among polyethylene, polypropylene, ABS, [poly]styrene." (See sidebar, page 49.)

When Daggett first started teaching, Osswald says, plastics was a trial-and-error industry. Plastic parts were crude, ugly, and fragile. Today, however, plastic can be tough, resilient, and attractive.

Thanks to new formulas and processes, plastic has emerged from the shadows, encroaching on fabric, wood, and metal and becoming the material of choice. Many things — retail bags, computer keyboards, car dashboards, heart valves, and more — could not realistically be made from anything else.



SHUTTERSTOCK (2)

In a significant made-at-the-UW collaboration, engineering professor Ronald Daggett and heart surgeon Vincent Gott invented an artificial heart valve that was smaller than earlier models. It was implanted into a patient for the first time at UW Hospital in 1963.

But Osswald notes that much of the credit for that stream of innovations in plastic belongs to the scientific approach begun by Daggett and his colleague, UW chemist John Ferry.

RENAISSANCE MAN



COURTESY OF THE DAGGETT FAMILY

To focus exclusively on plastics would be to miss much that is fascinating about UW professor Ronald Daggett. In addition to teaching his engineering courses, he played violin, made furniture, painted an estimated six hundred beautiful — and structurally accurate — watercolors, lettered calligraphy, and photographed flowers.

And then there was his ability to fix things.

“He could do anything,” says his daughter, Karen Wertymer ’65. “People brought their broken goods to our basement. Whether it required metalwork, woodwork, or plastics fabrication, in short order, it would come back fixed.”

John Wertymer ’65 says his father-in-law “embodied the Wisconsin Idea, that the university should not be an ivory tower, but should serve all the people of the state. There wasn’t anything he wouldn’t attempt. He would never turn away anyone who asked for help.”

D.T.

“Ferry was the father of polymer physics,” Osswald says. “So, two hundred meters apart from each other [on campus], we had the moldmaker in mechanical engineering and this polymer physicist in chemistry who understood the molecular structure of the material. It wasn’t until those two came together after 1955 that people in the industry could push their material to the limit.”

The plastics industry has continued to expand and innovate, Osswald says, noting that today, companies make products that did not exist even a decade ago. Although a primitive industry existed before Daggett started teaching, he was present for the plastics revolution. “He got it all going,” Osswald says. “Wisconsin was the birthplace. The pioneers in understanding plastics were here, and that’s why it’s no coincidence that such a small state has such a huge plastics industry.”

These days, Wisconsin plastics are thriving. By 2011, the field employed an estimated 35,000, making it the eighth-largest plastics employer in the nation, according to the Plastics Industry Trade Association. And a number of these flourishing companies owe their roots to Daggett. When students or former students shared ideas for new products, Daggett was the first to tell them to start their own companies.

When Mohs first came back to Madison in the 1960s with an idea for the blister pack — today used to hold a vast array of items ranging from allergy pills to batteries — he turned to his former engineering professor. “Ron was the first person I contacted,” Mohs recalls. “I decided to do some design work,

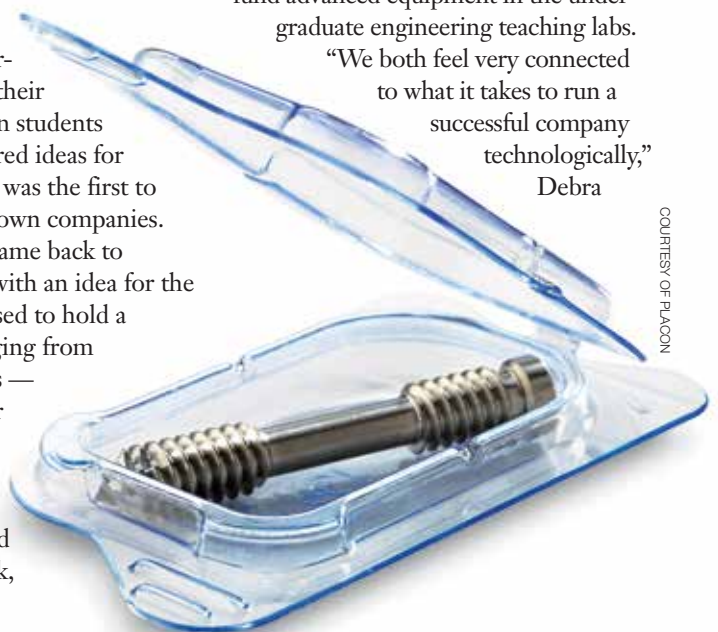
and Ron offered the use of equipment and machine tools in his basement. He was very kind and helpful, [and he] continued to teach me what I needed to know.”

That idea grew into Placon, a company that today employs six hundred people based at a main plant in Fitchburg and additional manufacturing facilities in Indiana and Massachusetts. The firm makes packaging for the food, retail, and medical industries.

Another of Daggett’s successful students was Robert Cervenka ’58, whose wife, Debra, says that her husband landed his first job out of college at Modern Plastics directly because of Daggett’s course. In 1964, Cervenka founded his own company, now called Phillips-Medisize, which focuses on pharmaceutical packaging and sophisticated medical devices such as insulin pumps and surgical instruments. It employs more than 3,100 people at six locations in Wisconsin, and in California, Europe, Mexico, and China.

In 2010, to recognize UW-Madison’s role in their success, the Cervenkas donated \$1.5 million to the university to fund advanced equipment in the undergraduate engineering teaching labs.

“We both feel very connected to what it takes to run a successful company technologically,”
Debra



COURTESY OF PLACON

PLASTICS PRIMER

Plastics are polymers — substances that have a repeating unit, or monomer, that is linked together to make the polymer.

Cervenka says. “Madison is one of the foremost schools of engineering in the country, and they’re doing unbelievably good work on basically a shoestring.”

Daggett himself was also drawn into entrepreneurship. After years of designing intricate molds and parts for other manufacturers in his basement, he decided that he needed to move to gain credibility with potential customers. In 1963, he started Engineering Industries in Verona, and Rayovac became a major customer.

Engineering Industries president Dean VandeBerg ’78, who began working at the company as an intern in the summer of 1978 and never left, recalls that Daggett specialized in the hard jobs. “Ron would not take just anything that came along,” he says. “He liked to work on parts that required a little more engineering and development work. He loved helping the customer design. I would watch him work with customers, getting their thoughts, and he would be drawing the part as they talked.”

That emphasis on solving hard challenges “remains a strong suit and laid the foundation for who we are as a company,” VandeBerg says. Engineering Industries employs about eighty people, including four mechanical engineers educated at UW-Madison.

“I learned an awful lot from [Daggett],” VandeBerg says. “He was my mentor — that’s not debatable. He was an even-keeled kind of guy, not a gregarious backslapper. ... From looking [at him], you would not realize all that was going on there.”

How might Daggett, who passed away in 2004, react if credited with the critical role he played in his former students’ success? “If someone complimented him,” VandeBerg says, “He would just smile and say, ‘That’s very kind of you.’” ■

David J. Tenenbaum MA’86 covers research for University Communications.

POLYETHYLENE (ethylene monomers):

The most common plastic. Lightweight and resistant to chemical attack, it’s usually used for toys and packaging.



POLYPROPYLENE (propylene monomers):

Used for base-layer clothing, automotive applications, containers with hinges, and packaging.

ABS (acrylonitrile butadiene styrene):

A tough, impact-resistant polymer built from three monomers. It’s used for toys, consumer goods, and electronic housings.



POLYSTYRENE (styrene monomers):

Used to make rigid foam for insulation, take-out food containers, protective packaging, and lower-end electronic housings.

With their voices becoming the instruments, six student groups are making beautiful music on campus and beyond.

A Cappella Groups

The newly released *Pitch Perfect 2*, a musical comedy that follows a collegiate a cappella group’s quest to be the best at an international competition, features a guest performance from five Green Bay Packers.

It could have just as easily cast Wisconsin Badgers. A *cappella* — which means “in chapel style” in Italian, but is better known as the musical style of singing without instruments — has been a campus staple since the 1990s. It’s not a uniquely UW phenomenon; collegiate a cappella is thought to date back to Rensselaer Polytechnic Institute’s Glee Club in 1873 and Yale University’s Whiffenpoofs in 1909. The MadHatters didn’t stake a claim as the UW’s first established a cappella troupe until 1997.

But between the early 1990s and the 2000s, the two hundred or so collegiate a cappella groups multiplied sixfold, according to Mickey Rapkin’s *Pitch Perfect* book, on which the hit films of the same name are loosely based. The UW campus saw six ensembles of its own sprout up: the MadHatters (whose alumnus, Andrew Fitzpatrick ’11, made the cast of *Pitch Perfect 2*); Tangled Up in Blue, an all-women’s group founded in 1998; Redefined, a coed group founded in 2001; Fundamentally Sound, an all-men’s group founded in 2005; Jewop, the aptly named coed Jewish group founded in 2010 (shown here); and Pitches and Notes, another all-women’s group founded in 2010.

The ensembles each contribute a unique flair to the campus’s a cappella subculture and cover a wide range of music, from oldies to today’s top hits. They frequently release albums and perform at benefit concerts, weddings, sporting events, and popular local venues such as the Orpheum Theater and Overture Center for the Arts. Last fall, the groups teamed up for the BadgerThon A Cappella Showcase, which raised more than \$3,600 for the American Family Children’s Hospital. Their music has even reached the interior of the White House, as the MadHatters have twice serenaded President Barack Obama’s holiday party guests.

And if regularly sold-out crowds with borderline groupies are any indication, this collegiate craze shouldn’t have any trouble — or dare we say treble? — sticking around campus for years to come.

Preston Schmitt ’14

What’s your favorite UW tradition?
Tell *On Wisconsin* about it at onwisconsin@uwalumni.com, and we’ll find out if it’s just a fond memory — or if it’s still part of campus life today.

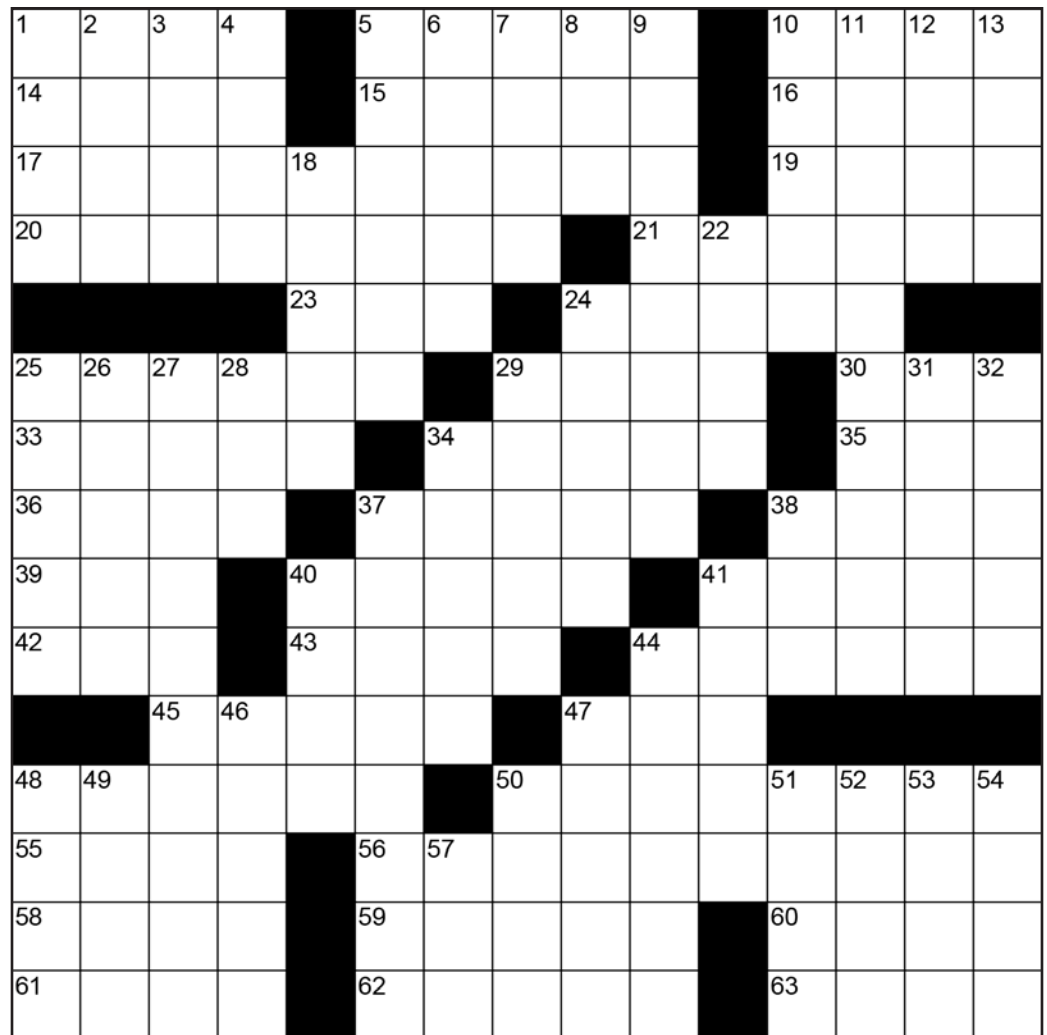


JEFF MILLER

Campus Locales

ACROSS

1. Sitcom star Arnaz
5. Cave ____ (warning)
10. Biblical garden spot
14. Bookkeeping entry
15. "____ All Ye Faithful"
16. ____-majesté
17. UW campus workout location
19. Trojan War soldier
20. UW Lakeshore residence hall
21. Decline an invitation
23. Unburden
24. Move stealthily
25. Move stealthily
29. Operatic tune
30. Chicago trains
33. Half of a 1930s crime duo
34. Turf, in a seafood restaurant
35. ____ *Haw* (rustic TV variety show)
36. Building wings
37. Word after roulette or pottery
38. Bean used in ful medames
39. Clothing label abbr.
40. Humanitarian Wallenberg
41. Woody tissue
42. "Funky Cold Medina" rapper Tone ____
43. Pronto, initially
44. Comic strip *Beetle*
45. Atomic number of oxygen
47. Nanotechnology specialist in Neal Stephenson's novel *The Diamond Age*
48. Resident of Cambridge
50. ____ Hall (home of the UW business school)
55. Pop station playlist
56. Where to find *The Sett*
58. As previously mentioned, in footnotes
59. Up the stakes, on eBay
60. Take part in a marching band
61. Father, in France
62. Lacking resources
63. Juvenile salamanders



DOWN

1. Ruckuses
2. Replacement for those left out
3. Alien-hunting org.
4. Apple computer introduced in 1998
5. Bug-making game
6. Like landowners
7. Dark film genre
8. Big Australian bird
9. Library on the Library Mall
10. More than delight
11. New housing on the west UW campus
12. Isaac's eldest
13. In the on-deck circle
18. Painful pang
22. Hit one's high point, sometimes too soon
24. Fisherman's basket
25. Infection fighter
26. Volunteer's words
27. UW-Extension conference site
28. Camp Randall highlights, briefly
29. Consumed hungrily
31. Bank that may overflow?
32. Squalid
34. Young pig
37. ____ Observatory (UW telescope site)
38. Memo-opening letters
40. Eastern music style
41. Horizontal base of a coordinate system

44. Snifter's liquid, maybe
46. Common reply to "Who's there?"
47. C-3PO, e.g., for short
48. Damage to a china plate
49. Personal staff member
50. Barbed remark
51. Negative decision
52. Chasm
53. Coup d' ____
54. *Wide Sargasso Sea* author Jean
57. Word in an alumna's bio

A senior librarian at UW-Madison, Raymond Hamel MA'85 is also a puzzle master. Find the answers at onwisconsin.uwalumni.com.

Badger connections



BRUCE RICHTER

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62 Bookshelf

Commencement: The Ultimate Touchdown

Chancellor Rebecca Blank gazes at a sea of black-clad grads-to-be. In May 2014, commencement was held at Camp Randall for the first time since 1990. For nearly a quarter of a century, the UW had four separate graduation ceremonies at the Kohl Center. The new venue allowed the graduating class to gather in one place and inspired them — not surprisingly — to celebrate by jumping around. At press time, some 5,800 students and 40,000 guests were again expected to mark the major milestone at the stadium this year. For the fourth year in a row, WAA planned to give graduates alumni pins to mark the transition from students to alumni.

The Wisconsin Idea Is Having a Moment

From faculty showcases to national news, alumni weigh in on this cherished Badger principle.

The Wisconsin Idea was on global display this spring in more ways than one, and alumni who hold the concept dear loomed large in the national conversation.

In March, alumni in Naples, Florida, hosted the first “Wisconsin Ideas” event — a showcase of top faculty, inspiring students, and a “state of the university” address by Chancellor Rebecca Blank. Together, the evening’s highlights celebrated the education, innovation, and discovery that rightly earn UW-Madison the descriptor *world class*.

It’s a traveling event that’s bringing a Wisconsin immersion experience to alumni and donors across the nation. Next stops include Milwaukee, New York City, and San Francisco.

“Wisconsin Ideas” drew an impressive crowd of alumni, who — during presentations on promising Alzheimer’s research, as well as virtual reality, climate, and the science of prizewinning Wisconsin cheese — fondly recalled their own UW education and reflected on the power of the Wisconsin Idea.

“Our alumni are diverse in so many ways, but yet we share that bond of having been here,” says **Paula Bonner MS’78**, WAA’s president and chief alumni officer. “As alumni have responded to their sense of pride and being part of something that’s known as the Wisconsin Idea — our tradition of solving problems and making a difference in the world — there’s a unifying thread about being part of the University of Wisconsin.”

Just a month earlier, thousands of alumni made their own impression on the world with swift and vocal reaction to a version of the Wisconsin state budget that proposed “editing” state statutes that describe the Wisconsin Idea as part of the UW System mission. The proposal would have removed the phrases “the search for truth” and “improving the human condition,” in favor of adding language about meeting the state’s workforce needs.

Reaction to the proposal appeared globally in news reports and social media, where a resounding number of alumni were not shy in their displeasure, sharing how much the Wisconsin Idea meant to their education, and

still inspires as they sift and winnow in their lives today.

In April, Governor Scott Walker assured that the final document would preserve the articulation of the Wisconsin Idea. For alumni, that could make this the first season Wisconsin State Statutes appear on summer reading lists.

Kate Kail Dixon ’01, MA’07



Alumni at the Wisconsin Ideas showcase in Naples, Florida, including Betty Roller '55, enjoyed sitting for caricatures that featured quotes about their UW experiences.

NICK SHINGIRO

Because Even Badgers Can Use a Refresher

The Wisconsin Idea — the concept that the University of Wisconsin should share its knowledge and discovery to benefit all of Wisconsin and the world — dates back to 1904, when the notion was articulated by UW President Charles Van Hise. It was once described in papers published by the Legislative Reference Bureau as “a magical expression for many residents of this state.”

That’s not too far from the truth, judging by the alumni reaction to a budget proposal to change the wording of the idea. The tweets below represent just a sampling of the thousands of responses shared by alumni.



Jon Kjarsgaard @jonkares · Feb 4

Don’t mess with the Wisconsin Idea.



Maybe...Nora @MaybeNora · Feb 4

All of us alumni, of any UW school, that were touched by the Wisconsin Idea need to make our voices heard.



Amanda Nolen @AmandaJNolen · Feb 17

The Wisconsin Idea is EXACTLY why I am still so proud to be from there, more than 4,000 miles and 15 years away. . . @TheWiscldea



Katherine Sydor @KatherineSydor · Feb 4

“The Wisconsin Idea” is the reason I’m most proud to be a UW grad and a Wisconsinite. #lafollette #thewisconsinidea

Badgers Helping Badgers

Alumni are networking around careers, diverse communities, and global connections.

Scoring a business card from a well-placed Badger is always a win. But for students launching careers in the era of Skype and LinkedIn, the prize can come from following sage advice: Go to class. That's where some alumni are realizing a long-awaited opportunity to help students prepare for careers and build networks: they're sharing their experiences and advice in special new classes created by the College of Letters & Science (L&S). (For more, see page 16.)

"Alumni wish that, when they were students, they had had someone like that in their lives," says **David Nelson MA'07, PhD'13**.

As WAA's director of alumni career networks and professional resources, he sees just 20 percent of students building alumni networks on their own. "For the rest, they're trying to succeed in school, support themselves, and enjoy being a Badger. We've got to bring alumni to where they are. That's why we are supporting L&S Career Initiative programs such as the Second Year Career Course and Career Kickstart, which will bring these discussions into residential living."

It's just one of the ways that the association is reinvigorating the connections that UW-Madison grads find most meaningful — including career networking, recognizing the value of diversity and inclusion, and advancing the university's scholarship and reputation through international alumni influence.

"We want to make it possible for more



Paula Bonner, UW Regent Eve Hall, and John Daniels MS'72 attended an African American alumni leadership meeting in Milwaukee in April. It was one of several meetings scheduled around the country to pull alumni constituencies together.

alumni to say how they want to help, and to create even more opportunities where we so often see Badgers helping Badgers," says **Paula Bonner MS'78**, WAA's president and chief alumni officer.

It's part of WAA's role to understand what's important to alumni in their own lives and work, and how they want to connect back to the UW, says **Tracy Williams-Maclin**, the association's director of diversity and inclusion. She's partnering with graduates — such as African American business leaders and policymakers in Madison, Milwaukee, Chicago, and Atlanta; leaders across the gay, lesbian, bisexual, and transgender commu-

nity; and alumni of the Ho-Chunk Nation — who are giving their time to recharge student scholarship programs, recognize peer accomplishments, and lend their considerable influence to support the UW's priorities.

"These connections are inspiring fellow alumni to become involved, encouraging our organization to diversify from within, and ultimately, sharing the message that these alumni matter," says Williams-Maclin.

There's great promise in similar interest among the 15,000 alumni who live abroad, says **Lora Klenke '94**, WAA's director of international alumni relations. She points to strong Badger networks in economic centers such as London and Paris — as well as across

Japan, China, and Korea — to demonstrate the importance of the UW's work to cultivate a "global mindset" among new grads.

In February, Wisconsin's strengths in the global marketplace were clear when a state trade mission included a stop to seek counsel from alumni in London.

"The economic influence of the University of Wisconsin and its alumni is difficult to quantify," says **Genevieve Waldron '03**, cochair of the WAA: UK Chapter. "I'm proud to be associated with an institution that fosters learning, jobs, and research in my home state and around the world."

Kate Kail Dixon '01, MA'07

BADGER TRACKS

WAA hosted a tour for 450 to see the Badgers play in the Final Four in Indianapolis, along with two pep rallies that each drew more than 7,000 alumni and fans. "The association staff did a terrific job in putting the tour package together," says Pete Christianson '71. "WAA is the only way to go, I have learned. Never a problem, never a worry, and nonstop fun with great people!"

The Class of 1965 will hold its fiftieth Class Reunion October 1–3, 2015. Highlights will include campus tours, a Day of Learning, and the Half Century Club reception and dinner, along with the class tailgate and Badger football game against Iowa. For more information, visit uwalumni.com/events/reunions.

WAA member receptions are becoming as much of a tradition as the spring events they celebrate. WAA members gathered at the Fluno Center for a reception before the UW Varsity Band's concert in April. Another special social for association members during the following weekend treated some 130 Badgers to breakfast and camaraderie at the Quarles & Brady law offices preceding the Crazylegs Classic run.

Since 2004, the Wisconsin Alumni Association has honored alumni who have provided outstanding service to their local communities with Badger of the Year awards. This year, 19 of them were recognized at their local Founders' Days. See uwalumni.com/awards to get the scoop on some of your most inspiring fellow alums.

News? Bring it on.

We'd be ever so grateful if you'd send the (brief, please) details of your latest accomplishments, shape shifts, other transformations, and whatever else qualifies as a huzzah moment by email to classnotes@uwalumni.com; by mail or winged monkey to Class Notes, Wisconsin Alumni Association, 650 North Lake Street, Madison, WI 53706-1476; or by fax to 608-265-8771. We regret that we cannot publish all of the submissions that we receive — you're such a talented lot! — but we try to fit in as many as we can.

Death notices and all name, address, telephone, and email updates should be sent by email to alumnnichanges@uwalumni.com; by mail to Alumni Changes, Wisconsin Alumni Association, 650 North Lake Street, Madison, WI 53706-1476; by fax to 608-265-8771; or by phone to 608-262-9648 or toll free to 888-947-2586 (WIS-ALUM).

The Badger Insider, the Wisconsin Alumni Association's (WAA) thrice-annual magazine for its members, houses the vast majority of obituary listings of WAA members and friends. If you're already a member, thank you! If you're not, you can read about all the cool reasons why you might consider becoming one at uwalumni.com/membership/benefits. Then, if you're so inclined, join us at uwalumni.com/membership.

x-planation: An x preceding a degree year indicates that the individual did not complete, or has not yet completed, that degree at UW-Madison.

The Wisconsin Alumni Association® encourages diversity, inclusivity, nondiscrimination, and participation by all alumni, students, and friends of UW-Madison in its activities.

early years

Roger Rashman '38 of Tarzana, California, became a centenarian on October 21, an auspicious occasion for which we sent him some Badger birthday booty. He thanked us graciously and said that he'd shared this loot with his many guests from around the country at a "gay ol' party with entertainment, booze, and good food." His son now runs the medical-supply company that he founded in 1938, but his driver's license has been renewed until the age of 105. Rashman adds

also of Celebration. Johnson saw Arena's Badger clothing and stopped for a chat on the street this winter, sharing that she was the only African American WAC stationed overseas during WWII and went on to become a librarian, philanthropist, and author. Johnson and her sister took turns attending the UW and working so that they both could graduate.

Joy Newberger Picus '51 started studying political science when she entered the UW at age sixteen; she was a Los Angeles city council member from 1977

directed — and innovated — audio-visual education for the North Plainfield, New Jersey, public schools. In retirement, the Hillsborough, New Jersey, resident took up ballroom dancing and became a "gentleman dance host" for several cruise lines. He's set foot in about seventy countries, thrice bicycled solo coast to coast across the U.S., and at age eighty-one, biked alone across Canada. "I have always considered myself to live under a lucky star," Dietzman says, and he hopes that his unabashedly optimistic outlook "might encourage others entering their golden years to ... enjoy life to the fullest in this still-great country of ours."

In January, three agricultural leaders were honored at an alumni reunion of the UW's Farm and Industry Short Course (FISC) — marking its 131st year in 2015.

Larry Klassy FISC'57 of New Glarus, Wisconsin, earned the Friend of Short Course Award for his donations to the FISC program. Sheep-management instructor **Robert Nusbaum '71** of Potosi, Wisconsin, was honored with the J.S. Donald Excellence in Teaching Award. He also operates a family sheep business. And, **David Arndt FISC'73** received the Service to Agriculture Award for his contributions as a past FISC board member and past director of the Wisconsin Agricultural and Life Sciences Alumni Association. He operates a family grain and beef operation near Janesville, Wisconsin.

**"Don't be afraid to do things.
And even if you're afraid, do them anyway."
— Ella Sigman Zarky '48**

that he and his wife "travel extensively all over the world, especially on cruises, and my golf game is mediocre." Rock on, Roger!

40s–50s

Ella Sigman Zarky '48 has spent nearly seven days a week working with people without homes in her community of Pacific Palisades, California. She's also raised \$145,000 for the National MS Society over the years, so she's to be forgiven for making the thirty-mile Bike MS Coastal Challenge this fall her last Bike MS — after forty years and at age eighty-eight. Zarky's secrets to such lifelong zest? She credits physical activity, social involvement, and a positive attitude. "Don't be afraid to do things," she told the *Palisadian-Post* newspaper. "And even if you're afraid, do them anyway."

When **Dorothy Turner Johnson '49** reached the one-hundred-year milestone in January, her community of Celebration (Kissimmee), Florida, held a celebration for her — something we know because of **Jillayne Olson Arena '77**,

to 1993 and still serves on multiple boards; and, according to a November *Los Angeles Times* piece, Picus "still knows how to work a room and her extensive connections." When she and others at their Reseda, California, apartment complex became appalled by low voter turnouts, they aspired to get 100 percent of their neighbors to vote. The result? They managed an 85 percent turnout at the polls. Thanks to **Sheila Sullivan Moss '62, MS'66** of Northridge, California, for sharing this news.

Kati Monson Casida '53 just keeps on creating! The sculptor and printmaker is "going global" this fall through the *Magic Carpet Ride* exhibition that she's organized: a collaboration of the San Francisco Bay Area's Pacific Rim Sculptors Group and the Athens-based Greek Sculptors Group, which will present small sculptures at a gallery in Athens. Her husband, **John Casida '51, MS'52, PhD'54**, is a UC-Berkeley professor of entomology and toxicology who plans to publish a new research paper this year.

For several decades, **Howard Dietzman '55, MS'60**

60s

Among the new chancellors of the Academy of American Poets is **Alicia Ostriker MA'61, PhD'64** of Princeton, New Jersey. In her six-year post, she will consult on artistic programming, serve as a judge for the academy's prizes, and act as an ambassador of poetry in the larger world. Ostriker is a professor emerita of the Rutgers University English department, a faculty member of the

Drew University Low-Residency Poetry MFA Program, and an award-winning poet. Her latest collection is *The Old Woman, the Tulip, and the Dog* (University of Pittsburgh Press).

The board of CRDF Global — a nonprofit that promotes international scientific and technical collaboration through grants, technical resources, training, and services in more than forty countries — has welcomed **Karen Horney Holbrook '63, MS'66** of Longboat Key, Florida. A past president of The Ohio State University, she's now a higher education consultant and senior adviser to the president of the University of South Florida.

"As a street-naming for a living person — especially a lawyer — is not that common," writes Chicago entertainment-law pioneer **Jay Ross '64**, "we thought this might be an item for your publication." Indeed! On December 13, Chicago's Grand Avenue at Green Street was renamed Honorary Jay B. Ross Way. Themes running through Ross's many personal, professional, and pro bono achievements are care for children and a love of music, including being named *Legendary Blues Attorney* by the Blues Hall of Fame.

Rusty (Francis) Rost '64 of Colfax, Wisconsin, shared a poignant letter about his late wife, Hong, who was UW-Stout's director of international education before she died in a car accident in June 2014. Those close to President Obama who held her in high regard brought her death to his attention, and Obama sent a personal letter of condolence. Rost then met the president when he represented Hong at the presidential summit for the Young African Leaders Institute — a program in which she had been very involved that brings African students to UW-Stout and other universities. Scholarships have been established in Hong's name at UW-Stout and UW-La Crosse.

Jack Archibald '72: Stained-Glass Wizard

For **Jack Archibald '72**, it all started with a simple thought on a chilly evening in a shack: "It might be nice to have some windows in here."

Since the late 1970s, the artist (archibaldglass.com) has created more than sixty stained-glass installations, which are exhibited in public buildings nationwide. One of his more prominent projects was a life-sized kaleidoscope (since dismantled) that allowed pedestrians to peer through lit glass into a small storefront covered with mirrors. His style incorporates science-fiction mythology and blends curvy, anthropomorphic figures balanced with rigid, geometric shapes.

But despite his success, Archibald's original career plan wasn't art. In fact, he says he never really had a career plan. An English major at UW-Madison, he tried to become a teacher after graduation but instead ended up in a variety of odd jobs around Wisconsin. "I came through [UW-Madison] during the '60s, and it was a wild time," he says. "It had a total influence on me. It takes a certain amount of insanity — or courage — to launch off into an art career without knowing what you're doing. I was more afraid of having some job that would beat me down."

After farming for a while in Mosinee, Wisconsin, Archibald decided he'd been through enough hard winters. In 1976, he moved to rural Camano Island in Washington's Puget Sound, where he found seven acres and a weathered shack to call home. One night, he took a class at the local high school to learn how to make stained-glass windows that could replace the shack's plastic sheeting. He was hooked.

At the time, Archibald was making ends meet with a couple of jobs, including a graveyard shift as an orderly. He started taking his glass to the hospital and soon began selling windows. He eventually landed a grant from Washington's public arts commission, which in turn led to more contracts. He's also become an architect of sorts because he often has to design and build structures to support his larger exhibits.

In addition to his own work, Archibald has teamed up with other local artists on initiatives to turn Camano into Washington's "art island." He regularly donates glassworks to libraries, schools, and other projects because he says he'd rather be surrounded by art than the "meat and potatoes" appearance of most public buildings. "When you think of the great cultures, you think of their architecture, their art," he explains. "We're so cheap now, we don't want to spend money on that. But we could make a different decision on how we invest our money."

As for the shack? After living in it for several years with his wife, Karen, Archibald agreed to build them a house — but the shack still serves as his studio.

Sandra Knisely '09, MA'13



JACK ARCHIBALD

Archibald often gets commissions for mammoth-sized works. This glass mural, titled *Circumnavigating the Century*, graces the lobby of the Clover Park Aviation Trade Center in Puyallup, Washington.

70s

Madisonian **James Rhem MA'71, PhD'79** is the executive editor of the *National Teaching & Learning Forum* — a publication on college instruction that he sold to John Wiley & Sons' Jossey-Bass imprint and which is now part of the Wiley Online Library. Last year, Rhem began a national tour to analyze faculty-

development efforts, spending a month each at a range of university campuses — observing, consulting, and writing about his findings. And, just for fun, he's taken up the French horn again after fifty years away from it.

The American Geophysical Union's Flinn Award goes to the unsung heroes who generate the ideas, motivation, and foundations that support the structure

upon which good science is built. Woods Hole [Massachusetts] Oceanographic Institution (WHOI) marine geologist and senior scientist **Daniel Fornari '72** is that unsung hero for 2014. He's twice served as director of WHOI's Deep Ocean Exploration Institute, participated in more than eighty oceanic research expeditions, co-developed the Dive and Discover education and

outreach website, and served on many national and international panels, including President Clinton's Commission on Ocean Exploration.

"I indeed am lucky to have an extremely interesting life, fueled by my legal training at the University of Wisconsin Law School," writes **Mari Gursky Shaw JD'72**. That life has included thirty years of practice in large Philadelphia law firms and leading charitable and cultural institutions. Meeting reclusive artist Thomas Chimes was a seminal moment for Shaw, and they remained friends until his death. She became an art professional and now lives in Berlin part time to immerse herself in its arts community. In 2013, Shaw finished a book, *Painter and Pataphysician: Thomas Chimes* (Marquand Books).

In December, Kansas State University professor of plant pathology **Frank White '74** earned the prestigious Youngberg Award in Applied Sciences and its accompanying \$10,000 prize for his exceptional research achievements. He's an international expert in the molecular biology of bacterial diseases in plants and the genetic analysis of plant/microbe interactions, and his specialty is bacterial blight diseases in rice.

AMC Networks CEO **Josh Sapan '75** of New York City played a large role in making IFC Films' *Boyhood* — something of an industry miracle because it stayed in active production for twelve years, shooting scenes with its boy star once a year as he aged from six to eighteen. Sapan and AMC Networks funded the film with about \$200,000 per year and trusted that IFC and director Richard Linklater would pull it off — and they certainly did. *Boyhood* has earned many industry awards and nominations. Longtime film buff Sapan rented sixteen-millimeter movie prints from the back of his station

wagon while attending the UW.

Douglas Wendland '75, MD'78 has been on a six-month leave from his occupational health specialist post at St. Luke's Occupational Health Clinic in Duluth, Minnesota, to respond to the Ebola outbreak in Sierra Leone. He's serving as the World Health Organization's national coordinator for occupational health and safety, recommending improvements to regional treatment facilities to protect those working with Ebola patients. His rightly proud granddaughter, **Ashley Johnson '11** of Minneapolis, sent this news.

*"I have always considered myself to live under a lucky star."
— Howard Dietzman '55, MS'60*

Michael Aubin MA'78 is sharing his expertise as president of Wolfson Children's Hospital in Jacksonville, Florida, with the Children's Hospital Association as a new member of its board of trustees. He's also served as board president of the Florida Association of Children's Hospitals, chairs its advocacy committee, and in 2014 was named the Thomas Child Advocate of the Year by the Children's Home Society of Florida.

80s

Ann Ustad Smith '81, a Michael Best & Friedrich partner working in its Madison office, has been recognized fourfold in the 2014 *Super Lawyers* listings: as a Super Lawyer in the creditor/debtor rights category, and among Wisconsin's top 50 lawyers, Wisconsin's top 25 women lawyers, and the Madison area's top 25 lawyers. She chairs the firm's banking and financial services industry team.

When the December graduates of Virginia Tech (VT)

assembled for their commencement ceremonies, Alumni Distinguished Professor **Thomas Gardner PhD'82** was there as well to deliver the keynote address to the undergrads. On the VT English department faculty since 1982, his teaching and research have focused on poetry. He's published five books and earned many honors, including the Outstanding Faculty Award for the Commonwealth of Virginia.

Margaret Jankowski '83 believes in the "possibility that a sewing machine embodies," so the nonprofit that she founded and directs, the

ten-year-old Sewing Machine Project, provides refurbished machines to create partnerships, strengthen communities, nurture the creative spirit, and empower their users. Jankowski, of Monona, Wisconsin, has made fifteen post-Katrina trips to New Orleans to deliver sewing machines, and to date, her group has given out more than eighteen hundred locally, nationally, and internationally.

Bethesda — a Watertown, Wisconsin-based nonprofit that supports people with intellectual and developmental disabilities across the nation — has named **Jeff Kaczmarek '83, JD'86** as its new executive vice president, stepping up from his longtime VP of legal affairs post. Bethesda offers residential and vocational support, faith-life resources, and community engagement opportunities; and it operates thrift stores, volunteer networks, advocacy groups, and camps.

Who's number eighty-two on the 2014 *Billboard* Power 100 list? He's **Robert Greenblatt MA'84**, chair of NBC Entertainment and the person responsible for all

aspects of prime-time, late-night, and scripted daytime programming. He's had notable success with *The Voice*; *The Sound of Music Live!*, the first live TV staging of a Broadway musical in more than fifty years, starring Carrie Underwood; and NBC's broadcast of a live performance of *Peter Pan*, starring Allison Williams.

Congratulations to **David Snow JD'84** on being named managing partner and shareholder of Hall, Render, Killian, Heath & Lyman's new law office in Denver. He was previously a managing partner and shareholder in its Milwaukee office.

Patrick Warpinski '85, DVM'91 was one of only ten veterinarians selected for the pilot Global Vet Exchange Program, sponsored by the Nobivac vaccine line. It introduces participants to other cultures, exposes them to how veterinary medicine is practiced and perceived globally, and allows them to share philosophies and business models. As the owner of the Animal House Pet Clinic in Green Bay, Wisconsin, Warpinski hosted a veterinarian from Beijing in January and then traveled there in February. Participants' blogs and online videos allow veterinarians worldwide to learn vicariously.

We here at *On Wisconsin* applaud the value of alumni relations, so we're cheering on **Cindie Schultz Adams '86, MBA'88, MS'98** in her new role as executive director of alumni and corporate relations for the Whitman School of Management at Syracuse [New York] University and its more than twenty-five thousand alumni. She previously directed the Nicholas Center for Corporate Finance and Investment Banking at UW-Madison's Wisconsin School of Business.

Fresh from a six-year stint heading the General Mills account as a senior VP and group account director at the global marketing firm McCann, (**Margaret**)

Lindsay Ferris '86 has joined the Lindsay, Stone & Briggs agency in Madison as a senior VP and chief marketing strategist. "How can I not join an agency where my first name is already on the front door?" she asks.

The seventh president of Rider University in Lawrenceville and Princeton, New Jersey, is **Gregory Dell'Omo PhD'87**. He'll assume his new post in August after stepping down as, coincidentally, the seventh president of Robert Morris University in Pittsburgh, where his ten years were marked by great strides in many areas. Rider's sesquicentennial celebration will culminate in Dell'Omo's inauguration.

Brian Mitchell MS'87, PhD'91 — normally a professor of chemical and biomolecular engineering at Tulane University in New Orleans — will serve as the 2015–16 dean-in-residence for the Council of Graduate Schools/ National Science Foundation (NSF). He'll support communications between the NSF and leaders in graduate education and help to plan future NSF programs. Mitchell has also been Tulane's associate provost for graduate studies and research and an international speaker on research and graduate-education issues.

When the M&A Advisor — the go-to trade organization for merger and acquisition professionals — fêted its own in November, attorney **William Doran JD'88** was among them. A partner in the Chicago office of Reed Smith, he led the firm's deal team in the Publicis Groupe's acquisition of Crown Partners — a transaction that snared the top honors in the Corporate/Strategic Acquisition of the Year and M&A Deal of the Year (\$50-plus million to \$100 million) categories.

In January, **Jordan Graham '88** of Parker, Colorado, was one of nearly thirty American triathletes to compete in Cuba's inaugural International Triathlon Union-sanctioned event: the 2015

Habana Confederation of the Americas Triathlon event, a trio of races of different distances in downtown Havana. Graham called this historic first an "amazing trip — and one of the very few rides I have had in my Badger finery in which nobody yelled, 'Go, Badgers!' as I rode by."

Recently promoted to the newly created post of deputy chief of staff for the Credit Union National Association (CUNA) in Madison is **Jill Molbeck Tomalin '89, EMBA'10**. In addition to retaining her current duties as executive VP and chief operating

officer, she'll advise the president/ CEO and chief of staff about managing all CUNA operations.

90s

Timothy Cartwright '90 is new to the board of the Florida Venture Forum, the state's largest support and networking organization for venture capitalists and entrepreneurs. He's also the chair of the Naples-based Tamiami Angel Funds, a group of member-managed funds that invests in promising early-stage companies; as well as a partner in Fifth Avenue Advisors who manages its merger and acquisition subsidiary, Compass Advisory Group.

In 1949, Haiti was the third largest coffee supplier. Today, more than five years post earthquake, **Molly Friedrich Nicaise MS'91, PhD'93** and her husband, **Christophe Nicaise MS'88, MS'90**, are working to bring the crop back to engender long-term stability and economic autonomy in the still-devastated nation. They've co-founded Singing Rooster, a Madison nonprofit that provides

agricultural support, business training, and direct access to American markets; pays well above the fair-trade rate; has replanted hundreds of thousands of coffee trees; and returns 100 percent of proceeds to farmers and their communities — more than \$1 million so far. The tagline of this endeavor sums it up: "One simple act: drink Haitian."

Deric DuQuaine '93 wins the Brevity Award for this issue's submissions. As the general counsel at Milk Source in Kaukauna, Wisconsin, he writes, simply, that the *Milwaukee*

Business Journal has named him Best Corporate Counsel in the private-company category of its 2014 Top Corporate Counsel awards. Kudos!

John Fons MS'93, PhD'98 of Milton, Wisconsin, joined the UW-Rock County faculty in 2003 as an assistant professor of physics and astronomy and has risen through several positions. Today he's the new assistant campus dean for administration and finance — and what a big job it is! Fons is the campus's chief financial officer; bursar; manager of HR, facilities, purchasing, and auxiliary services; risk-management leader; and overseer of the maintenance, custodial, IT, and instructional technology staff.

Each year, thousands of outdoor enthusiasts traverse the surface of the wild water known as the St. Croix National Scenic Riverway. But, in summer 2014, intrepid teens set out to photograph its *underwater* world as part of In a New Light: a nature-photography program that's a partnership of Northwest Passage, an intensive, residential mental-health treatment center for

teens; the National Park Service; and **Toben Lafrancois '93**, who served as a safety diver, counselor, and biologist. He's also the director of Superior Freshwater Experiences and an adjunct assistant professor of natural resources and philosophy at Northland College in Ashland, Wisconsin.

After working with Teach For America in rural North Carolina, **Steve North '93** went to medical school with the dream of setting up a family-medicine practice there. North is now the founder, president, and medical director of the Center for Rural Health Innovation, a Spruce Pine, North Carolina-based nonprofit that administers MY Health-e-Schools: a high-definition videoconferencing program that provides school-based telehealth services to three largely rural counties. He's also a medical director at the Mission Center for Telehealth. "I think telehealth in a variety of forms is going to be the driver of change in the health care industry," North says.

One of *REP* magazine's Top 50 Wirehouse Women for 2014 is private wealth adviser **Monica Piepenkötter-Hauck '93, MS'94**, a member of Merrill Lynch's private banking and investment group in La Jolla, California. Those on the list are ranked by assets under management at the four "wirehouse firms." In case that definition eludes you, *wirehouse* refers to a brokerage firm that, back in the day, connected to its branch offices through a private system of telephone, telegraph, and teletype wires.

For the fourth consecutive year, the *World Trademark Review* (WTR) has recognized Chicago attorney **Thomas Williams '93**, a partner at Ulmer & Berne, in its WTR 1,000 — global rankings of the leading trademark professionals. He manages the prosecution and maintenance of trademark portfolios and litigates disputes on behalf of some of the

*"How can I not join an agency
where my first name is already on
the front door?"
— (Margaret) Lindsay Ferris '86*

world's largest brands.

Facing Fear was a 2014 Academy Award nominee in the Best Documentary–Short Subject category. In November, producer and director **Jason Cohen '94** of Berkeley, California, screened it at Hillel on the UW campus and joined the film's two subjects in discussing it with audiences. *Facing Fear* centers on a young teen who's thrown out of his home for being gay. While living on the streets of Hollywood, he's beaten by a group of neo-Nazis and left for dead. A quarter-century later, a chance meeting brings him together with one of his attackers, and they embark on an emotionally difficult journey of reconciliation and forgiveness.

Because her parents met at Dayton's, the iconic Minneapolis department store where they both worked, **Ali (Allison) Kaplan '94** was "born into retail" and followed her mother around as she orchestrated special events for the store. Kaplan later wrote for major newspapers, and in 2006, she launched AliShops.com: an online shopping guide to Minneapolis and St. Paul that's made her the Twin Cities' shopping guru. Kaplan also edits the Shopping & Style section of *Mpls.St.Paul Magazine* and hosts a weekly radio show with — yes — her mom.

Sandra Waller Shelton PhD'94 is the KPMG Distinguished Professor of Accountancy and the faculty coordinator of the Internal Audit Education Program — which she developed — at Chicago's DePaul University. She's also the 2014 Hall of Fame honoree of the PhD Project, which seeks to increase the diversity of business-school faculties to advance workplace diversity. Shelton's deep involvement with the initiative since its 1994 inception has paid off: DePaul now has the highest number of PhD Project members on its faculty.

Felicitations to **(J.) Patrick O'Toole MA'94** on establishing

Prospira Consulting in Asheville, North Carolina. He's using his library and information studies degree to provide database- and catalog-management services, data analytics, and prospect research to nonprofits, fundraising organizations, and public libraries.

Programming languages as an art medium: this is the focus of **Daniel Temkin '95's** blog, <http://Esoteric.Codes>, which has earned him a 2014 Creative Capital/Warhol Foundation Arts Writers Grant. Temkin, of Astoria, New York, says that his writings chronicle the history of esoteric

of Milwaukee. She's a vice president and group leader of the Wisconsin office of the design and construction firm Cotter Consulting, as well as a founder of the Construction Management Association of America's Wisconsin chapter.

Nate Damro '99 writes that he and **Melissa Stahl Damro '98** are leaving St. Paul, Minnesota, to move their "growing crew of [four] future Badger alums to Birmingham, England." There Nate will be president of the Europe, Middle East, and Africa business sectors

*"I knew most people kept an eye on me
and saw me as their daughter.
I'll miss the sense of community [there].
There is nothing like it in the U.S."
— Zoe Schroeder '12*

programming languages and "bridge the hacker community behind it to the art community at large." He's published and exhibited his work widely, taught at Penn State and Clark Universities, and presented frequently to both art and hacker audiences.

Jeremy Levitt JD'96 was already a legal scholar, international lawyer, political scientist, and global administrator when he became the first black male law dean in Canada, arriving at the University of New Brunswick in Fredericton from Florida A&M, Florida International, and DePaul Universities. He's also headed the International Technical Advisory Committee of the Truth and Reconciliation Commission in Liberia and advised the Sierra Leone War Crimes Tribunal, the Carter Center's rule of law program in Liberia, the World Bank Group, and Nelson Mandela's government.

On *Engineering News-Record Midwest's* 2015 Top 20 Under 40 list, you'll find the name of rising star **Nahid Keltner Afsari '98**

of Capital Safety, a company that seeks to keep "workers at height" safe from falls.

"Chicken-raising piano entertainer" is how **Jamie Lynn Fletcher '99** describes her avocation and vocation, respectively, in Greenleaf, Wisconsin. She says that her latest CD, *My Desire of You*, is full of "goodness and all things cuddly and romantic," and a song from the album, "I'll Kiss You in the Rain," has been nominated for an International Independent Music Award in the Jazz with Vocals category. Fletcher also toured in Vienna, Austria, this spring and entertained on the Seabourn cruise line in Europe this summer.

2000s

Thomas Moffitt MS'00 navigates the food and beverage industry from the helm of Commonwealth Dairy in Brattleboro, Vermont, as its co-founder, president, and CEO. He believes in innovation, environmental sustainability, and

supporting the local community and agriculture, so 5 percent of the company's proceeds go to support the state's farmers. Moffitt also co-founded the international food and beverage firm HMS WorldSupply.

Way to go, **Tessa Michaelson Schmidt '00, MA'05!** The Wisconsin Library Association has named her its 2014 Librarian of the Year for her vision and commitment to have every child enter school ready to read. As the youth and special-services consultant for the state's Department of Public Instruction (DPI) in Madison, Schmidt launched the extensive Growing Wisconsin Readers program in 2013: a library-based, early-literacy project that provides resources to caregivers and families about how to read effectively with the very young. DPI superintendent **Tony Evers '73, MS'76, PhD'86** says that the program has built a "bridge between literacy within the home and school through the library."

Pat Shaw Was Romeo 9 is **Jonathan Spangler '00's** documentary about Kenya's most infamous crime buster: a school administrator and police superintendent known for his large stature and by his radio handle of Romeo 9 who patrolled 1970s–80s Nairobi by night, carrying out "extra-judicial executions" of notorious criminals and gangsters. Spangler, the film's director and producer, lives in Kenya's Rift Valley and funded the film through Kickstarter.

Mathematics of many stripes informs and inspires artist **Gwen Fisher PhD'01's** work with the art form of bead weaving, which is only natural — she's a former associate professor of math at California Polytechnic State University. Her background helps her to discover patterns; experiment with color, texture, form, and symmetry; and translate those intricacies into instructions for creating jewelry and art

objects. Fisher, of Sunnyvale, California, offers patterns, kits, and beading blogs through beAd Infinitum and its website, and she's written about and exhibited her art widely.

Michelle Loman '01 earned her doctorate in child psychology from the University of Minnesota in 2012 and is now a pediatric neuropsychologist and an assistant professor of neuropsychology at the Medical College of Wisconsin in Milwaukee.

Is there ever a dearth of news about high-achieving Badger attorneys? Not a chance! Here's what we've heard of late from the 2000s cohort. **Joshua Jackson '02** is a new partner in the Lake Forest, Illinois, office of Schiller DuCanto & Fleck; and **Jennifer LaRocco MA'02** has joined the Tampa office of GrayRobinson. **David Friebus JD'03** has been elected to partnership in BakerHostetler's Chicago office. Also promoted to partner in Chicago is **Aaron Werner '04, JD'08**, who practices at Horwood Marcus & Berk and serves as the chief legal officer on the board of Open Heart Magic, a nonprofit that trains volunteer magicians to perform bedside at Chicago hospitals. **Elizabeth Radichel '08** is a new associate in Blank Rome's New York office, while **Katie White '08** has become an associate at Madison's new Michael Best Strategies, a branch of Michael Best & Friedrich that provides public-policy strategy, lobbying, and PR services. A recent arrival at Swanson, Martin & Bell's Chicago office is **Jacob Harris '09, JD'14**, and all the way up in Anchorage, Alaska, **Brian Samuelson '09** has joined Perkins Coie as an associate.

It was probably crazy fun to write for the *Colbert Report* in New York City, but then to win top honors for your work, too? Well, that had to be a great feeling — one that **Aaron Cohen '03** and **Gabe Gronli '04** know quite

well. They've both earned 2014 Primetime Emmys for Outstanding Writing for a Variety Series.

The lead investigator on a recent discovery of the ultra-rare mineral reidite at the Rock Elm impact structure in Pierce County, Wisconsin, is **Aaron Cavosie PhD'05**, who explains that reidite forms only through the high pressures that result from meteorite impacts and was previously known from just three impact craters globally. A professor of geology at the University of Puerto Rico in Mayaguez, Cavosie has been sharing his team's research results through the scientific and popular press and at the 2014 meeting of the Geological Society of America.

Menomonee Valley Partners is a nonprofit that fosters business and government partnerships to revitalize central Milwaukee's Menomonee Valley — recently a brownfield and area of blight east of Miller Park. Its new executive director is **Corey Zetts MS'05**, who has worked for the organization since 2005 and is lauded for her collaborative approach and quiet leadership. Thus far she's helped to develop the Canal Commerce Center and Menomonee Valley Industrial Center, create Three Bridges Park, and extend the Hank Aaron State Trail, among other initiatives.

The January 14, 2015, *New York Times Magazine* cover story titled "Why a Generation of Adoptees Is Returning to South Korea" featured **Laura Klunder (Seungmi Ly) '06, MSW'07**. She was nine months old when her South Korean mother left her at a police station in Seoul. Adopted and raised in Wisconsin, Klunder moved back to South Korea in 2011 and now works as the adoptee relations coordinator at KoRoot, an adoptee-only guesthouse in Seoul; as a contributing writer for *Gazillion Voices* magazine; and as a steering committee member for Adoptee Solidarity Korea.

Educational producer **Becky Murkley '09** and her colleagues at the Wisconsin Media Lab in Madison have earned an Emmy in the 2013–14 Chicago/Midwest Chapter competition and received an award from the National Educational Telecommunications Association for their *Wisconsin Biographies* ebooks — stories for children about noteworthy Wisconsinites that include videos and additional activities to engage young readers. The Wisconsin Media Lab creates and curates a broad array of free, multimedia, K–12 educational content for classroom use.

When Wisconsin-based businesses want to market themselves to Badger Staters living elsewhere, one new option is The Wisconsin Story, founded by **Jennifer Claire Ruetten '09**. On a regular, subscription basis or just on special occasions, the company will send a box of distinctive goods that are made with love and skill by Wisconsin artisans, craftspeople, and small-batch food producers to recipients who want to "buy local" or who, like Ruetten, might be a little homesick: she resides in Chicago, Wisconsin's southeastern suburb.

2010s

Milwaukeean **Martinez White '10** wanted to spark meaningful, healthy conversations about diversity on predominantly white campuses, and he's succeeded. The Emmy Award winner's debut documentary, *The Message: True Accounts of Diversity Efforts and Being a Black Student on a Majority White Campus*, explores UW-Madison's diversity work and its black students' experiences by sharing interviews with black and white students and key university administrators, along with White's own perspectives.

Isabelle Koenig '11 has joined the Milwaukee-based United Performing Arts Fund

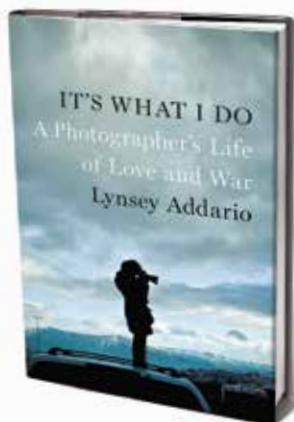
(UPAF), which supports fifteen member groups and twenty-three affiliates as the largest entity of its kind in the nation. Koenig previously taught English in Santiago, Chile, and is now the administrative assistant for UPAF's development department.

When the Peace Corps debuted a new public-service announcement on YouTube's home page in November showcasing volunteer-submitted photos that capture the authentic corps experience, it included a shot by **Natalie Moore '11** — the first-place winner in its global photo contest. Her picture was also part of the corps's digital campaign. Moore blogged about her community-health work in Burkina Faso before concluding her service in November.

Like Natalie Moore (above), **Zoe Schroeder '12** completed her Peace Corps service in November — teaching English and life skills at two schools in Lesotho, organizing and maintaining a library, and building and equipping two classrooms. She reflects, "I knew most people kept an eye on me and saw me as their daughter. I'll miss the sense of community [there]. There is nothing like it in the U.S." Schroeder now plans to earn a master's degree and teach elementary school.

(William) Max Nonnamaker '14 has begun his two-year Peace Corps service as a community-health volunteer, having arrived in Madagascar in February. Joining the 187 Wisconsin residents who are currently serving worldwide, he says, "I hope to make many new friends, learn new languages, and become an integral member of my community."

.....
After nineteen years of compiling this section, wouldn't it be spooky if Class Notes/Bookshelf editor Paula Wagner Apfelbach '83 were only a figment of your vivid imagination?



■ ***It's What I Do: A Photographer's Life of Love and War*** (Penguin Press) is the memoir of **Lynsey Addario '95**, a Pulitzer Prize- and MacArthur Genius Grant-winning war photographer. It's her explanation and exploration of how relentlessly pursuing truth through a camera lens has been her calling, shaped her life, and put this gifted chronicler at the forefront of her generation. Accepting the challenge to go into the chaos of crisis in Afghanistan following 9/11, she just kept going — to Iraq, Darfur, the Congo, Somalia — and was kidnapped in Libya. Brave but not fearless, Addario uses her fear to create the empathy and humanity that are essential to her work recording global strife — work that, she knows, has tremendous potential to influence public opinion and official policy. She shares how being a female in war-ravaged settings has affected every part of her professional and personal life, which now includes a husband and a young child. Kirkus calls *It's What I Do* “a brutally real and unrelentingly raw memoir that is as inspiring as it is horrific,” and it was an Amazon Best Book of the Month in February. Actress Jennifer Lawrence will play Addario in an upcoming film based on the work, directed by Steven Spielberg.

■ Using his BA in theology and his MPhil in classical Indian religion and Sanskrit from Oxford University, as well as his UW doctorate in Buddhist studies, **Paul Griffiths PhD'83** has crafted ***Decreation: The Last Things of All Creatures*** (Baylor University Press). He opines that while Christianity has “obsessed” over the future of humanity, it has neglected the ends of nonhuman animals, inanimate objects, and angels. His work creates a grammar and a lexicon for a new eschatology of these beings. Griffiths is the Warren Chair of Catholic Theology at Duke Divinity School in Durham, North Carolina.



■ In ***Forensic Media: Reconstructing Accidents in Accelerated Modernity*** (Duke University Press), **Greg Siegel '90** considers how photographic, electronic, and digital media have been used as forensic tools to reconstruct crashes and catastrophes. These media help people to make sense out of what can seem like tragic, chance occurrences by transforming them into more reassuring narratives of causal succession. Siegel is an associate professor of film and media studies at the University of California-Santa Barbara.



■ New Yorker **Joanna Cohen '94** has published her debut novel, ***Sweet Child*** (Amazon Digital Services), which she describes as a “coming-of-age story and mystery that centers on New York City private school kids in the 1980s” — but she's hardly a stranger to the written word: she wrote about sports for the *Daily Cardinal*; spent nearly a decade as a reporter and editor for *Sports Illustrated*; wrote scripts for *All My Children*, earning three Emmy nominations; and freelanced for the sports, opinion, and style sections of the *New York Times*. Cohen concludes that she must be “the only person ever to have covered the Yankees in the World Series and written dialogue for daytime legend Susan Lucci.”



■ The winner of the 2014 World Fantasy Award is ***A Stranger in Olondria*** (Small Beer Press), **Sofia Samatar MA'97, PhD'13's** debut fantasy novel about a book-starved boy bibliophile who's been raised on stories of the distant land of Olondria, where books are blessedly common. When he finally gets to visit, his life is nearly perfect — until he's pulled drastically off course, is haunted by a ghost, and becomes a pawn in the struggle between two powerful cults. Reviewers praise the author for her sensuous descriptions and intoxicating sentences, calling the book mesmerizing, dreamy, and dazzling. Samatar is the nonfiction and poetry editor for *Interfictions Online: A Journal of Interstitial Arts* and an assistant professor of literature and writing at California State University-Channel Islands.

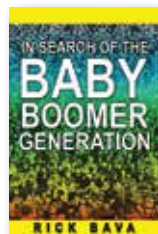


■ ***Sharing Secrets*** (TLC Solutions) sounds like it could be a lovely romance story, but its subtitle, *A Conversation about the Counterintuitive Nature of Executive Leadership*, sets the reader straight.

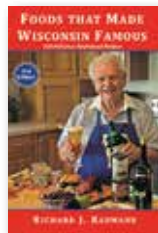
(Martha) **Erin McDavid Soto '82's** first book — for aspiring, new, and rising executives — is a candid, practical road map that skips the jargon and offers real-world insights and approaches to improve results. A seasoned executive who provides executive coaching and organizational development through her business, TLC Solutions, the author also has longtime experience working around the world for USAID, the Peace Corps, and as a member of the Senior Foreign Service Office; and she's taught at the National Defense University.



■ A book for Baby Boomers, by one: that's **Rick Bava '81's** ***In Search of the Baby Boomer Generation*** (Motivational Press), for which he gathered fodder by traveling the country to talk to folks from all walks about the issues that interest them most. A business executive for thirty years, Bava became a voice for his generation beginning in 2007. He now writes the Baby Boomer Corner column for *Today's Senior Magazine*, is part of the *Boomer Nation* radio program, and offers speeches and business consulting on all things Boomer.



■ You know about Wisconsin's superiority in brats and cheese, but the state also leads the nation in producing cranberries and holds respectable spots in the wild rice, maple syrup, and cherry categories, too. **Richard Baumann '53** of Elkhart Lake, Wisconsin, stirs these ingredients into his new book, ***Foods That Made Wisconsin Famous*** (HenschelHAUS Publishing/Cedar Valley Publishing), to serve up practical and delicious recipes for discriminating palates. He has produced six cookbooks, written print columns, and hosted and produced nearly seventy TV cooking programs.



Book lovers, you'll find much more news about books by Badger authors at onwisconsin.uwalumni.com.



SMARTEST MOVE. Yi-Fu is a Vilas professor emeritus at UW-Madison. He did his homework and liked that we were the only continuing care retirement community in downtown Madison.

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One Time at Band Camp ...

This is perhaps the most casual-looking canoeing tuba player we've ever seen. Granted, he's the *only* canoeing tuba player we've ever seen. The serenade took place during Summer Music Clinic (SMC), an eighty-six-year-old UW-Madison program.

Opened in 1929, the clinic began as a three-week camp for teachers. "The teachers in those days didn't have the opportunity for learning and preparation that exists today," said Orien Dalley, the initial director, according to an SMC anniversary report. During the clinic's second year, students attended along with teachers, and eventually the programming focused entirely on middle- and high-school students.

Today the camp sees around 850 students each year — a number that has held strong since Anne Alely took over as SMC's outreach program manager in 1983.

So what's kept this camp going? "I think it's the community that is formed in making music together," Alely says. "It really is that feeling that you're part of something greater."

This sense of community inspires many campers to return as counselors and eventually to become Badgers. Since 2006, approximately 62 percent of campers applied to the UW, and about fifty students per year are accepted and enroll.

Since it began, SMC has hosted more than eighty thousand students — each leaving with a new set of musical skills and memories. As for the two campers in the tuba-canoe, we just hope they made it to wherever they were going without capsizing.

Chelsea Schlecht '13



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